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NAAC Re-accreditation 3rd Cycle

Steering Committee

Dr. Shilpa P. Charankar (Chairperson) (Principal)

Prof. Mala Pandurang (Coordinator) (Vice-Principal)

Dr. Kirti Pathak (Head of Department, Human Development)

Mrs. Anuradha Shekhar (Head of Department, Food Science and Nutrition)

Dr. Vrushali Datar (Head of Department, Resource Management)

Mrs. Vinaya Vaishampayan (In-charge, Nutrition and Dietetics)

Mr. Shahajahan Khan (Coordinator, BCA)

Dr. Rupali Sengupta (Coordinator, M.Sc Clinical Nutrition and Dietetics)

Mrs. Vidya Subramanian (Librarian)

Mrs. Veena Verma (Associate Professor, Textile Science and Apparel Design)



List of Abbreviations

ADE	Association of Diabetic Educator
AFST(I)	The Association of Food Scientists and Technologists (India)
API	Annual Performance Indicator
BCA	Bachelor of Computer Applications
BCPT	Bombay Community Port Trust
BEQET	Best Education Quality Enhancement Team
BFY	Better Fitness for You
BOS	Board of Studies
BPO	Business Process Outsourcing
BTRA	Bombay Textiles Research Association
CBPAR	Community Based Participatory Action Research
CIRCOT	Central Institute for Research on Cotton Technology
CoHABIDC	Constructions of Home and Belonging Indian Diaspora Centre
COP	Career Oriented Program
CSR	Corporate Social Responsibility
CSIR	Council for Scientific and Industrial Research
CTRI	Clinical Trial Registry India
Dr. BMN	Dr. Bhanuben Mahendra Nanavati College of Home Science
DBDA	David's Battery of Differential Abilities
DST	Department of Science and Technology
FSN	Food Science and Nutrition
FY B.Sc.	First Year B.Sc.
SY B.Sc.	Second Year B.Sc.
TY B.Sc.	Third Year B.Sc.
FY BCA	First Year BCA
SY BCA	Second Year BCA
TY BCA	Third Year BCA
GC	Governing Council
GMAT	Graduate Management Admission Test
GNAT	Geriatric Nutritional Assessment Tool
HD	Human Development
HMN	Smt. Hiraben Manilal Nanavati Junior College of Home Science
HRDC	Human Resources Development Centre
ICAR	Indian Council of Agricultural Research
ICMR	Indian Council of Medical Research
ICT	Institute of Chemical Technology
ICTASH	International Conference on 'Technological Advances in Super Foods for Health Care
IDA	Indian Dietetics Association
IGNOU	Indira Gandhi National Open University
ILL	Inter Library Loan Service
ISR	Institutional Social Responsibilities



IT-ITES	Information Technology Enabled Services
ITM	Institute for Technology & Management
IVBI	I vote for a Better India
KASH	Knowledge-Attitude-Skills-Habits
KPI	Key performance Indicators
KVO	Kutchhi Visha Oswal Seva Samaj
KVIC	Khadi Village Industry Commission
LMC	Local Managing Committee
MAVA	Men Against Violence and Abuse
MCA	Master of Computer Applications
MKCL	Maharashtra Knowledge Commission Limited
MSBTE	Maharashtra State Board of Technical Education
M.Sc. CND	Master in Science Clinical Nutrition and Dietetics
MTDC	Maharashtra Tourism Development Corporation
NASSCOM	The National Association of Software and Services Companies
NCQM	National Centre for Quality Management
ND	Nutrition and Dietetics
NGT	Nominal Group Technique
NIOS	National Institute of Open Schooling
NQ	Nutrition Quotient
PFNDIA	Protein Foods and Nutrition Development Association of India
PGECE	Postgraduate diploma in Early Childhood Education
PGSSFN	Postgraduate diploma in Sports Science Fitness and Nutrition
PUKAR	Promotion of Urban Knowledge Action Research
RM & HM	Resource Management & Hospitality Management
Smt. MMP	Smt. Maniben M.P. Shah Women's College of Arts and Commerce
SASMIRA	Silk and Art Synthetic Mills Research Association
SCNIP	Shreemati Shardaben Champaklal Nanavati Institute of Polytechnic
SNDTWU	Shreemati Nathibai Damodar Thackersey Women's University
SOP	Standard Operating Procedure manual
SRCM	Shri Ram Chandra Mission
THRED	Trust for Human Resource Enrichment & Development
TIME	Triumphant Institute of Management Education
TSAD	Textile Science and Apparel Design
VJTI	Veermata Jijabai Technical Institute
YWCA	Young Women Christian Association



From the Principal's desk



Dr. Bhanuben Mahendra Nanavati College of Home Science is committed to its mission of empowering women students through quality in education, ever since our inception in 1984. We believe in the holistic development of our women students so that they become conscientious and socially responsible citizens of our nation. We strive to imbibe in our students a strong and positive belief in self, life-long learning, knowledge management skills and a sense of social responsibility. Our focus is therefore on the holistic development of our women students as this will lead to true empowerment at intellectual, financial and emotional levels.

The 3rd cycle reaccreditation process of NAAC has given us the opportunity to work towards greater heights and benchmarks that we have set for ourselves. The NAAC peer team review and feedback in the exit report of the 2nd cycle played a key role in formulating our perspective plan and in defining quality initiatives to be followed. We are determined to maintain quality parameters at all levels and to strive for excellence in all our endeavors. This document is a testimony to the team work of our institution and the combined efforts of our visionary Management, Internal Quality Assurance Cell, faculty, non-teaching staff and students.

Dr. Shilpa Pramod Charankar
Principal

EXECUTIVE SUMMARY



EXECUTIVE SUMMARY

Dr. Bhanuben Mahendra Nanavati College of Home Science was established in 1984. The institution has grown progressively over the past thirty two years, and today it offers courses at both graduate and postgraduate level. It is a multi-faculty educational institute affiliated to SNDT Women's University. The parent body of the institute is the Seva Mandal Education Society (SMES).

The foundation for SMES was laid in 1957 when it began its first institution for women with just seven students. It has gradually expanded over a period of time, both in terms of the number of students as well as the number of courses offered. The vision of SMES is to strive for 'the Empowerment of Women through Quality in Education', and the institution has been working towards this goal with great determination and dedication.

As an all-women's institution, it particularly caters to the needs of students from conservative family backgrounds. The institute provides every opportunity to avail of qualitative educational facilities to female students, thereby enabling them to become self-sufficient and confident to face the outer world. The institute's focus is on skill based education and holistic development of the student's personality.

The institute was first accredited by NAAC in 2002 with a B+ Grade. Keeping the feedback from the NAAC Peer Team as a guideline, the institute and management worked on a perspective plan with keen commitment and dedication. In 2011, the institute underwent the NAAC reaccreditation process (2nd cycle) and was awarded an A grade with 3.64/4.

In April 2016, the institute received the status of 'College with Potential for excellence' from the U.G.C.

The institute and the management believe in the constant pursuit of excellence. We present below a criterion-wise summary of the significant highlights and best practices of the institution in the last five years from 2011- 2016.

Criterion One: Curricular Aspects

The criterion describes how our academic programs are in line with our Institutional Vision of 'Empowerment of Women through Quality in Education'. We consider it our primary task to mold our women students into responsible and productive citizens, keeping the core values of NAAC as a benchmark. Our programs are mainly affiliated to the SNDT Women's University and this criterion concentrates on key aspects of our curriculum as upgraded by the SNDT Women's University in 2012. The criterion highlights the participation of 70% of our faculty on important decision making bodies of SNDT Women's University as well as other academic bodies. The NAAC peer team had rightly suggested that the institution should start additional postgraduate courses as well as short term skill and vocation oriented course. In keeping with this counsel, we have introduced two postgraduate programs (M.Sc. in Dietetics and Food Service Management, and Masters in Computer Education) through IGNOU. This is in view of the fact that our parent university has not been granting permission to affiliated colleges to start postgraduate programs. The courses allow for the vertical mobility of our students. In order to promote the holistic development of our students, we have introduced



innovative short duration certificate courses emphasizing on entrepreneurial skills, research skills, landscaping, catering, and pre-school and crèche management. We have also upgraded our value added courses on life skills, soft skills and computer education.

Criterion II: Teaching-Learning and Evaluation

Our faculty is committed to student-centric approaches and innovative teaching-learning techniques and evaluation methods which involve rigor as well as transparency. Our emphasis is on student performance and learning outcomes. It is our institutional policy not to turn away any woman student who seeks admission, until our available seats are filled. We believe that all students are entitled to an equal opportunity and there is no cut-off percentage for admission as long as students meet the basic eligibility criteria of the university. We take special care to cater to students who are mainly first generation college goers. Our student-centric teachers build up a good rapport with students, and identify both weak and advanced learners. Faculty takes the lead in engaging students in innovative learning styles, which also involves the use of ICT. They actively participate in one-to-one mentoring of students. In order to illustrate how learning is made student centric, institutional strategies in terms of life skills, knowledge management and lifelong learning programs are listed. Special attention is paid to ICT tools to enrich the learning experience. Strategies are shared on how the institution works towards faculty up gradation. Our Management ensures the availability of required equipment and infrastructure. Equal importance is also placed on creating awareness and developing entrepreneurial skills. The criterion also describes various evaluative measures, which are communicated to our stakeholders at every turn.

Criterion III: Research, Consultancy and Extension

Although we are primarily an undergraduate institution, efforts are made to promote a culture of research orientation. Advanced learners are encouraged to explore topics with a certain degree of research orientation for their seminar presentations. Our M.Sc. students are involved in collaborative projects with the Food Industry such as Marico Industries, Pepsico India Ltd and Chini-kum. The college lays stress on inculcating a humanistic outlook in students, and imparting a sense of social responsibility towards society at large. The institution places stress on the utilization of student's potential for extension activities and outreach programs, especially in the thrust area of the 'wellbeing of women and children in the community'. We have established ongoing linkages with neighbourhood social service organizations. Staff members have taken up the responsibility of sharing expertise in areas such as early childhood education and community nutrition through social consultancy. The institution promotes a culture of research by encouraging faculty members to present papers at international, national and regional level conferences and seminars.

Criterion IV: Infrastructure and Learning Resources

The Management of the Seva Mandal Education Society has extended its fullest support to enhance the infrastructural facilities of the institution. Enhanced



infrastructure in the last four years includes the Hospitality Management Lab, Gandhian Studies Centre, equipment in Textile labs and upgraded computer labs. Special focus is placed on equipment and infrastructure to enhance ICT teaching learning resources. The college is recipient of CSR grant from SAS India Ltd. for setting up 5 SMART Classrooms. The criterion describes the student support services of the library which includes 'book bank' facility for needy students, access to internet services, institutional membership with libraries such as the American Centre Library and online access to journals through INFLIBNET. The criterion also stresses upon the up gradation of IT infrastructure and maintenance of campus facilities.

Criterion V: Student Support and progression

Every effort is made to facilitate students to complete their course, by means of financial support and academic and personal counseling. The number of freeships given to students has increased considerably from the last NAAC cycle. Financial aid is provided to needy students in the form of institutional freeships. Students are also guided on how to apply for Government freeships. Facilities offered under student welfare schemes include the presence of a trained counselor on campus, teacher-student mentoring program, and free access to internet and gym facilities at very nominal rates. The NSS unit organizes an annual health check-up for all volunteers. The college has worked towards strengthening its placement activities. Steps taken to facilitate employment include organizing campus interviews and orientations towards competitive exams and entrepreneurship skills workshops. Our students participate in a range of inter-collegiate co-curricular and sports events. They have shown exceptional promise by winning laurels at national, state and university levels. Several college level awards have been instituted to motivate students to give their best.

Criterion VI: Governance, Leadership and Management

The dedication and long term vision of the Management of the Seva Mandal Education Society has taken this institution from its humble beginning in 1984, to its present status today as a premier college of the SNDT Women's University. Criterion VI describes how the commitment of our Management is manifested in multiple ways. The criterion also stresses upon a policy of transparency in the governance and management of the institution. The relatively small number of teaching staff and students facilitate the coordination and monitoring process. Committees work efficiently to carry out varied responsibilities. The Management plays an important role in providing fiscal support for campus development. The college budget deficit is met by the Management which leaves no stone unturned to fulfill the institutions requirements. The criterion lists the mechanisms for performance assessment of faculty and staff. The IQAC has played a proactive role in initiating and monitoring activities that enhance the quality of the institution. One of the important quality improvement tools that we implement is the K.A.S.H. model (Knowledge, Attitude, Skills and Habits)

Criterion VII: Innovations and Best Practices

Criterion VII offers an opportunity to explain how core values of NAAC are reflected through the innovative practices of the institution. We recognize the urgent need for environment sensitization programs. We work towards



inculcating a goal oriented attitude, and ensuring the holistic development of our students. Our best practices include inculcating a sense of social responsibility in our students through a variety of social outreach programs which benefit neighborhood communities. Another best practice is our concerted efforts to foster global competencies and enhance employability skills through linkages and collaborative ventures with the industry.

SWOC ANALYSIS

Strengths	Weaknesses
<ul style="list-style-type: none">● Recipient of UGC Status of ‘College with Potential for Excellence’● Visionary Management and Principal who lead from the front● Principal who believes in team work, transparency and accountability● Dynamic system with delegation of authority● Committed and qualified teaching staff● Vocation and skill based specializations with interdisciplinary component● Wide range of co-curricular, extra-curricular, sports activities for holistic development of students● Extensive extension activities and linkages with neighborhood organizations● Excellent infrastructure with provision of SMART Classrooms through CSR Funding● Promotion of culture of excellence through participation in quality projects for competitions such as BEQET and DL Shah Award from Quality Council of India● Promotion of undergraduate research culture and encouragement to faculty and students to present and publish papers● Focus on value based education● Mentoring and counseling systems for students● Library facilities and online databases	<ul style="list-style-type: none">● Shared open ground for sports activities● Less number of support staff to handle newly introduced different courses due to State policy of not sanctioning posts



<ul style="list-style-type: none"> ● Feedback and self-appraisal mechanisms ● Diverse student population ● Industrial Visits, Placements and Study tours ● Organization of a large number of seminars/workshops for students & staff ● Student welfare fund with free ships for needy students ● Financial support, duty leave & special leave provided to staff for research purposes, paper presentations. ● Focus on gender sensitization programs ● Regular health Camps/check-ups for staff & students ● Equal opportunities for staff & students ● MOUs with Industry and NGOs ● UGC recognised Gandhian Studies Centre 	
Opportunities	Challenges
<ul style="list-style-type: none"> ● Scope for creating placement opportunities ● Scope for strengthening alumnae association further. ● Scope for developing infrastructure using CPE grant ● Opportunities for further professional enhancement of faculty by organizing and international conference/seminars, ● Introducing postgraduate programs in Textile Science and also in Resource Management ● Expand on environment based initiatives ● Enhancing technology based teaching-learning experiences ● Introduction of MOOCs 	<ul style="list-style-type: none"> ● To initiate steps to popularize courses associated with nomenclature of Home Science ● To continue to attract cream of students given the trend of women students opting for co-educational institutes ● To cope with superannuation of many faculty simultaneously vis-à-vis. State policy ● To address socio-cultural issues related to first generation college students in terms of completion of undergraduate programs ● To impart employability skills and global competencies

PROFILE OF THE COLLEGE



1. Profile of the Affiliated / Constituent College

1. Name and Address of the College:

Name :	Dr. Bhanuben Mahendra Nanavati College of Home Science	
Address :	338, Rafi Ahmed Kidwai Road, Matunga	
City : Mumbai	Pin : 400 019	State : Maharashtra
Website :	www.bmncollege.com	

2. For Communication:

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal	Dr. Shilpa Pramod Charankar	O: 02224095792 R: 02221636169	9869377536	24026511	smesedu@gmail.com
Vice Principal	Prof. Mala Pandurang	O: 02224095792 R: 02225569320	9323072805	24026511	mpandu@yahoo.com
Steering Committee Co-ordinator	Prof. Mala Pandurang	O: 02224095792 R: 02225569320	9323072805	24026511	mpandu@gmail.com

3. Status of the Institution:

Affiliated College

☐

4. Type of Institution:

a. By Gender

i. For Men

ii. For Women

iii. Co-education

<input type="checkbox"/>

b. By Shift

i. Regular

ii. Day

<input type="checkbox"/>
<input type="checkbox"/>

5. It is a recognized minority institution?

Yes

☐

No

☐

Linguistic Minority (Supporting document enclosed in Annexure No.1)

6. Sources of funding:

i. Government

ii. Grant-in-aid

iii. Self-financed

iv. UGC grant for Gandhian Study Centre, CPE (forthcoming), UGC additional grant of under 11th Plan. Sanctioned grant under CPE

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>



7. a. Date of establishment of the college:

Date	Month	Year
27	June	1984

b. University to which the college is affiliated /or which governs the college (If it is a constituent college)

SNDT Women's University, Mumbai

c. Details of UGC recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks(If any)
i. 2 (f)	22 nd April 1994	--
ii. 12 (B)	22 nd April 1994	--

(Enclose the Certificate of recognition u/s 2 (f) and 12 (B) of the UGC Act) Annexure no 2

d. Details of recognition/approval by statutory/regulatory bodies other than UGC (AICTE, NCTE, MCI, DCI, PCI, RCI etc.) – Not applicable

8. Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?

Yes ☐ No ☐

If yes, has the College applied for availing the autonomous status?

Yes ☐ No ☐

9. Is the college recognized?

a. by UGC as a College with Potential for Excellence (CPE)?

Yes ☐ No ☐

Date of recognition: 27/05/2016

(Supporting document enclosed in Annexure No.3)

b. for its performance by any other governmental agency? Not applicable

10. Location of the campus and area in sq.mts:

Location *	Urban
Campus area in sq. mts.	12090sq.mt
Built up area in sq. mts.	1,76,000sq. feet

11. Facilities available on the campus

- Auditorium/seminar complex with infrastructural facilities ☐
- Sports facilities
 - playground (Agreement with Amulakh Amichand School) ☐
 - gymnasium ☐
- Cafeteria ☐



- Health centre (MOU with SMES College of Nursing) ☐
First aid, 3 cots, stretcher, wheelchair, blood pressure equipment
Health center staff –
Qualified doctor Full time ☐ Part-time ☐
Qualified Nurse Full time ☐ Part-time ☐
- Facilities like banking, post office, book shops: available in the vicinity
- Stabilizer for management/regulation of electricity and voltage in the computer lab ☐

12. Details of programs offered by the college

Medium of instruction for all courses is in English

Sr. No.	Programme Level	Name of the Programme/ Course	Duration	Entry Qualification	Sanc-tioned/ approved Student strength	No. of students admitted
1	Under-Graduate	BSc (Home Science)	3 years	HSC	450	411
		BCA	3 years	HSC	360	314
2	Post-Graduate	M.Sc.	2 years	B.Sc. (Food Science/ biochemistry/ Life Science/ Microbiology with chemistry/ Nutrition & Dietetics)	80	53
3	Integrated Programmes P.G. if any	-	-	-	-	-
4	Ph.D.	-	-	-	-	-
5	Certificate Courses (U.G.C Recognized Career Oriented Program)	Event Management	1 Year	HSC	Given as per choice of students and seats available	48
		Physical Fitness and Weight Management	1 Year	HSC		77
		Beauty Culture and Hair Dressing	1 Year	HSC		58



6	Diploma (U.G.C Recognized Career Oriented Program)	Event Management	1 Year	Certificate in said program	Given as per choice of students and seats available	44
		Physical Fitness and weight management	1 Year	Certificate in said program		53
		Beauty Culture and Hair Dressing	1 Year	Certificate in said program		-
7	Advanced Diploma (U.G.C Recognized Career Oriented Program)	Event Management	1 Year	Diploma in said program	Given as per choice of students and seats available	
		Physical Fitness and weight management	1 Year	Diploma in said program		11
		Beauty Culture and Hair Dressing	1 Year	Diploma in said program		-
8	PG Diploma from SNDTWU	Early Childhood Education	1 year	Graduation from any stream	30	0
		Sports Science Fitness and Nutrition	1 year	Graduation in: Food Science & Nutrition/ Applied Nutrition/ Dietetics and Food Service Management / Life Sciences/ Physiotherapy/ Chemistry/ Zoology/ Physiology	30	10
9	Any Other (specify and provide details)	Beauty Culture and Hair Dressing (Maharashtra State Board of Technical Education)	2 Years	SSC	60	47



13. Does the college offer self-financed Programs?

Yes ☐ No ☐
If yes, how many?

14. New programs introduced in the college during the last five years if any?

Yes ☐ No ☐ Number

15. List the departments:

Faculty	Departments (e.g. Physics, Botany, History etc.)	UG	PG
Any Other (Specify)	Home Science, Computer Applications	<input type="checkbox"/>	<input type="checkbox"/>

Departments
<ul style="list-style-type: none"> • Department of Human Development • Department of Resource Management (with specialization in Hospitality Management) • Department of Food Science & Nutrition with optional specialization in Nutrition and Dietetics • Department of Textile Science & Apparel Design • Department of Computer Applications

16. Number of Programs offered under (Program means a degree course like BA, BSc, MA, and M.Com)

a. Annual system
b. Semester system
c. Trimester system

17. Number of Programs with

a. Choice Based Credit System
b. Inter/Multidisciplinary Approach
c. Any other (specify and provide details)-
vocational skill based program. Beauty
Culture and Hair Dressing

18. Does the college offer UG and/or PG programs in Teacher Education?

Yes ☐ No ☐

19. Does the college offer UG or PG program in Physical Education?

Yes ☐ No ☐



20. Number of teaching and non-teaching positions in the Institution

Sanctioned posts under aided program

Positions	Teaching faculty						Non-teaching staff		Technical staff	
	Professor		Associate Professor		Assistant Professor					
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
Sanctioned by the UGC /University / State Government <i>Recruited</i>	-	1+1*	-	6	1	7+1**	15	9	-	-

*Principal

** Librarian

Faculty appointed by Management (Unaided)

	Computer Applications (BCA)	M.Sc. in Clinical Nutrition and Dietetic	B.Sc. in Nutrition and Dietetics
Full time	11	3	2
CHB	1	4	4
Part time	1	-	3
Total	13	7	9

21. Qualifications of the teaching staff of aided section (B.Sc. Home Science):

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	*M	*F	*M	*F	*M	*F	
Permanent teachers							
Ph.D.	-	2	-	3	-	1	6
M.Phil.	-	-	-	3	-	1	4
PG	-	-	-	-	1	5	6

*Librarian not considered as teaching staff

22. Number of Visiting Faculty /Guest Faculty engaged with the College.

10

23. Furnish the number of the students admitted to the college during the last four academic years.

B.Sc. Home Science

Categories	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
SC	20	22	28	42	23
ST	3	3	3	5	1
OBC	41	37	33	33	35
General	261	248	272	274	342
Others	4	3	5	8	10
Total	329	313	341	362	411



Bachelor of Computer Applications

Categories	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
SC	46	41	36	42	53
ST	0	1	1	1	0
OBC	48	40	19	43	42
General	257	242	229	220	205
Others	17	54	9	12	14
Total	368	343	294	318	314

M.Sc. in Clinical Nutrition and Dietetics

Categories	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
SC	1	2	3	2	1
ST	-	-	-	-	1
OBC	1	2	3	5	3
General	18	27	27	32	49
Others	-	-	-	-	-
Total	20	31	33	39	54

Post Graduate Diploma in Sport Science Fitness and Nutrition

Categories	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
SC	1	1	-	-	-
ST	-	-	-	-	-
OBC	1	-	2	1	1
General	6	8	11	7	8
Others	-	-	-	-	1
Total	8	9	13	8	10

24. Details on students enrollment in the college (2015-2016):

Type of students	UG	PG	Total
Students from the same state where the college is located	173	63	236
Students from other states of India	4	-	-



NRI students	-	-	-
Foreign students	-	-	-
Total	177	63	240

25. Dropout rate in UG and PG (average of the last two batches)

UG PG

26. Unit Cost of Education

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

(a) including the salary component
(b) excluding the salary component

27. Does the college offer any program/s in distance education mode (DEP)?

Yes ☐ No ☐

If yes,

a) Is it a registered center for offering distance education programs of another University?

Yes ☐ No ☐

b) Name of the University which has granted such registration:IGNOU

c) Number of programmes offered

d) Programs carry the recognition of the Distance Education Council.

Yes ☐ No ☐

28. Provide Teacher-student ratio for each of the program/course offered

Department	BSc Home Science	BCA	MSc	PG
Ratio	1:12	1:19	1:3	1:2

29. Is the college applying for Cycle 3 ☐

30. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

Cycle	Date	Result
1	1 st October, 2002	B+
2	16 th September, 2011	A grade with 3.64/4

Accreditation certificate(s) and peer team report(s). Annexure no.4

31. Number of working days during the last academic year.

32. Number of teaching days during the last academic year

33. Date of establishment of Internal Quality Assurance Cell (IQAC)
20-07-2003 (dd/mm/yyyy)



34. Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC.

Year	Date of Submission	Year	Date of Submission
2010-2011	9 th October, 2011	2011-2012	24 th September, 2012
2012-2013	28 th August, 2013	2013-2014	27 th July, 2014
2014-2015	26 th August, 2015	2015-2016	17 th August, 2016

35. Any other relevant data (not covered above) the college would like to include.

- College received ‘Status of College with Potential for Excellence’ from UGC in May 2016. Sanctioned amount of 1.5 crore rupees
- College received UGC grant to start Gandhian Studies Centre in 2013. Sanctioned amount of ` 10.5 lakhs
- College received 2nd prize at District Level and 1st prize at University Level (2012-2013) and 2nd Prize at State Level, 1st prize at District Level and 1st Prize at University Level (2013-2014) for ‘Jagar Janivancha Abhiyan’ programs on gender sensitization, from the Government of Maharashtra. Total cash award of ` 6,50, 000. We have continued with the program although the Government has stopped the same.
- College received D.L. Shah Quality Award (Silver) from the Quality Council of India for the project on ‘Transformation of Girl Students into empowered citizens’ in March 2015 by faculty of the BCA Dept.
- Faculty team have won 5 prizes from 2011- 2016 at the Best Educational Quality Enhancement Team (BEQET) competition organized by the National Centre for Quality Management (NCQM) for projects undertaken to enhance quality standards of the institution
- The college was the first among SNDTWU affiliated colleges in Maharashtra to conduct CAS/PBAS interviews for selection and appointment of a faculty member as Professor.
- Prof. Mala Pandurang (Vice-Principal/IQAC coordinator) received the SNDT Women's University ‘Maharshi Karve Utkrushta Shikshak Puraskar’ (Best Teacher Award) for 2013-2014 from the Governor of Maharashtra Shri Sankaranarayanan, on 11th March 2014. She was the first faculty member in a SNDT Women’s University affiliated college to be placed in designation of Professor under CAS/PBAS
- Dr. Kirti Pathak (HOD, Human Development Dept) was awarded a Commonwealth Foundation Scholarship for M.Sc. in Gerontology through distance education from University of Southampton in April 2015.
- Dr. Shilpa P. Charankar (Principal) was awarded ‘Fellow of the Textile Association (FTA)’ by The Textile Association India on 22nd January, 2016.
- An institutional ethical committee has been instituted in order to monitor and ensure quality in research activities and publications. The body follows the guidelines of Indian Council of Medical Research.
- Students of MSc CND participated in an initiative organized by AFST (I) Mumbai Chapter & ICT titled ‘Food Technology Innovation IPL’ in November 2016. 13 students received prizes and the college was awarded a trophy for maximum prizes received



- The institute received the trophy for maximum participation in Sports events conducted from the SNDT Women's University for academic year 2015-2016
- College theatre team has participated in the prestigious Purushottam Karandak drama competition, and Ms. Kajal Ghayawat received the 'Best Actress Award' in the 'Purushottam Karandak One Act Play Competition' in 2014.
- 6 of faculty (of 17 sanctioned strength) have PhD degrees while 5 more are registered for PhD.
- Mr. Nitin Pawar (NSS program officer) received special mention of appreciation for his contribution to social work from Government of Maharashtra in July 2016.
- The college inaugurated an incubation cell for promoting research and innovation (Guru Gyan) on 29th August, 2016.
- Institute conducts summer vacation skill oriented classes, on basis of community college model.

CRITERION I: CURRICULAR ASPECTS



CRITERION I

CURRICULAR ASPECTS

1.1 Curriculum Planning and Implementation

1.1.1 State the vision, mission and objectives of the institution, and describe how these are communicated to the students, teachers, staff and other stakeholders.

The vision statement of Dr. B.M.N College of Home Science is well defined as: **“Empowerment of women through quality in education.”**

Our Mission is **“To impart quality education to women and enable them to become independent and competent, thereby benefiting our society and country at large.”**

Our parent body is Seva Mandal Education Society (SMES) which was established in 1957. The emblem of SMES is ‘*Tamaso ma Jyotirgamaya*’ which is a pledge to lead one from darkness to light through the instrument of education.

Our institutional objectives are as follows:

- To foster a healthy learning environment
- To make teaching and research relevant to social needs
- To inculcate a humanist outlook in students by means of value based education and community outreach programs
- To focus on vocationalization of courses

The college strives to inform and sensitize our students and stakeholders about our vision and the mission through multiple channels as follows:

- Our vision and mission statements appear on the home page of the college website www.bmncollege.com as well as all publications of the institution including the prospectus, college diary, information brochures, college magazine, S.M.E.S annual report, college research journal *Ideas*, seminar proceedings, standard operating procedures manual (SOP), library manual and manual on examination rules and regulations
- The statements appear on display boards placed at strategic points such as at the main entrance of the institution, Principal’s office, staff room, students’ common room, library and larger classrooms. We ensure that there is a prominent display of vision and mission statements at the time of admission.
- The mission statement is communicated verbally by the Principal, Vice-Principal and teaching staff at every interface with stakeholders such as orientation programs for incoming students, seminars, workshops, PTA & Alumnae meetings.
- The statements also appear at the beginning of a documentary made on the Seva Mandal Education Society and its conducted institutions, which is screened at important functions.



1.1.2 How does the institution develop and deploy action plans for effective implementation of the curriculum? Give details of the process and substantiate through specific example(s).

- Our undergraduate and postgraduate degree programs are affiliated to SNDT Women's University. The curriculum for these programs is framed according to unitized modules and this facilitates the effective implementation of the curriculum. Eight of our faculty have been members of the Academic Council/Board of Studies at SNDT Women's University and have participated in the preparation and implementation of the syllabi (Details are given in 1.1.6)
- The institutional calendar is planned in April, so that it is ready to be implemented when the college reopens for the new academic year in June. The examination committee announces internal and external examinations schedules on the calendar to enable teachers to plan completion of the syllabi. Care is taken to ensure that there is a minimum of 90 teaching days per semester, and 180 days in an academic year.
- Examination dates, deadlines for setting of question papers, and for submission of results are announced in advance by the Examination Committee so that faculty can effectively implement the curriculum.
- The calendar is also circulated among major various committees such as Co-Curricular, NSS and Sports to slot in dates for the various activities so as to prevent any overlap of activities. Important meetings such as GC (Governing Council), LMC (Local Managing Committee), IQAC and Quality Improvement Circle are also included.
- The calendar is uploaded on the college website, and the annual schedule of college level events and exam dates are printed in the college diary.
- Faculty members prepare their teaching plans for their respective subjects according to the unitized curriculum in terms of modules to be covered, the number of classes to be allotted to each subtopic and teaching methodologies to be used. The teaching plans are submitted at the beginning of each semester to the Head of Department for checking.
- Teachers who are on duty leave for attending faculty development programs and seminars, or who are on personal leave, are required to enter the plan for compensating of lectures in a log maintained by the exam and timetable committee.
- Departments submit an annual self-evaluative report which is then subjected to an inter-department audit. Faculty of other departments offers objective feedback on the range of activities conducted by each department as well as innovative methods to implement the curriculum.
- Student-teacher evaluation is conducted every semester. This enables the authority to review if the curriculum is being taught according to schedule. The institution ensures that required equipment and infrastructure is made available for the effective teaching of subjects
- It is crucial for students to attend classes regularly if they are to gain full benefit from the curriculum. The institution has a strict policy of 75% attendance and class teachers monitor attendance. A defaulters list is prepared and the same is conveyed to the parents by the class teachers.



- Examinations are conducted according to schedules and class tests, assignments and viva voce are also conducted regularly to evaluate the effectiveness of the teaching-learning process
- Teachers take into consideration the learning capacity of students and accordingly plan their teaching strategies for weak students, and advance learners.
- Industrial visits are arranged to give students an insight to practical aspects of the curriculum.
- The Standard Operating Procedure Manual (SOP) for all committees ensures effective planning of academic and extra-curricular activities
- The exam and timetable committee has compiled the guidelines regarding the evaluation blue print for the ready reference of faculty.
- Departments invite guest experts from Industry, NGO, Educational Institutes, and Alumnae for effective implementation of curriculum.

Copy of Calendar: Annexure No. 5

1.1.3 What type of support (procedural and practical) do the teachers receive (from the University and/or institution) for effectively translating the curriculum and improving teaching practices?

- Faculty members have regular interaction with the SNDT Women's University in matters regarding curriculum and teaching practices. Faculty members who are members of decision making bodies such as SNDT Women's University Academic Council/Management Council/Senate, communicate changes in academic policies and exam reforms as and when they occur.
- Eight of our senior faculty have been members of curriculum planning and syllabus revision committees of the SNDT Women's University. They are therefore well versed with the objectives of the syllabi in their respective subjects, as well as evaluation patterns and required teaching methodologies.
- Circulars and notices from the University on evaluation patterns, changes regarding syllabi and credit based system are displayed on the staff notice board and discussed during staff meetings.
- The institution has taken the initiative to host the following syllabus revision and question bank workshops:
 - 6th and 7th April 2012: A workshop on "Restructuring the Home Science syllabus" to plan the template of 120 credits for 6 Semesters of the B.Sc. program
 - 5th Feb. 2013: A workshop on major changes in the curriculum/ modular structure at University Level
 - 19th Nov 2013: Workshop on new evaluation patterns and question bank and the experts were Dr. Madhura Kesarkar, Director BCUD, SNDT Women's University and Dr. Ravikala Kamath, Ex Director, Dept. of PGSR, Juhu.
 - 28th April 2014: Workshop on Choice Based Credit Systems organized for faculty from SNDT Women's University colleges.
 - 3rd Aug 2015: Workshop on question banks for V & VI semester subjects of all majors, organized for faculty of SNDT Women's University colleges.



- 13th & 14th August 2012: 8 faculty members were deputed to attend a brain storming session on revised modular based structure on at SNTD, Pune.

We have also organized the following sessions for improving teaching practices and translating the curriculum/updating knowledge:

- Dr. Jayashree Shinde (Head of Dept. of Educational technology, SNTD Women's University) conducted an interactive workshop on ICT Teaching Training Techniques on 11th August, 2011 for 35 staff members.
- 35 faculty members attended a 6 day training program conducted by SNTD Women's University from 15th to 20th April, 2013 on 'Integrating ICT in Higher education' in collaboration with Commonwealth of Learning (Canada).
- Librarian Mrs. Vidya Subramanian conducted a session on 'Use of ICT for Research' on 1st August, 2014 for 30 faculty members.
- A workshop on ICT for teaching and learning was conducted for teaching staff on 4th April, 2016 by Dr. Geeta Thakur (Faculty, Dept. of Education, Pillai College of Education and research). 31 teachers were oriented on how to use online software such as slide share, Animoto, Poster4teachers, 'learnboost', and 'engrade'.
- Mr. Nitin Pawar (faculty BCA) was deputed to attend a UGC sponsored National Seminar on 'Understanding Digital Sound-Music/ Sound Recording Techniques' organized by SVT College of Home Science on 9th March, 2016.

The IQAC has formulated a policy wherein faculty can avail registration fees to encourage participation in workshops and seminars to upgrade their knowledge. This translates into providing in-depth of new information on the subjects in the curriculum. Faculty may also apply to the Staff welfare fund for financial assistance for paper presentations at conferences held abroad. 38 teachers have availed of the same for total amount of ` 98,264/- .

Year	Faculty	Non-teaching	Amount (₹)
2011-12	3	02	5300/-
2012-13	16	-	2900
2013-14	12	-	5300
2014-15	18	03	64196
2015-16	18	-	14368
2016-17	4	-	6200/- (Till Nov. 2016)
Total	71	05	98264

Faculty are motivated to participate in orientation and refresher courses, as well as short term programs, workshops and courses organized by the UGC- Human Resources Development Centre (HRDC) and skills training sector of NASSCOM to improve their teaching practices:

Year	Nature of program and number of teachers who attended
2012-13	1- Orientation program
	1- Refresher course
2014-15	3- Refresher Course
	4- Short term courses organized by UGC Human Resource Development Centre (HRDC)



2015-16	2 - Orientation programs 1- one week 'Train the Trainers Program in Global Business Foundation Skills' organized by SNDTWU in collaboration with IT-ITES Sector Skills Council NASSCOM
2016-17	2 - Short term courses organized by UGC Human Resource Development Centre (HRDC) 1-Orientation program

Faculty members are involved in paper setting and assessment, examining internship projects, and assessing PhD thesis from other Universities. These include the following: University of Liege (Belgium), Mumbai University, SVT College of Home Science (Autonomous), Goa University, Gujarat University, JNU (Delhi) and Periyar University. This helps them to upgrade their subject knowledge as well as to adapt innovative practices of other institutions to the needs of our institution.

Faculty are also members of peer review boards of journals which helps them to inculcate global competencies in their research skills and teaching practices.

1.1.4 Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the Curriculum provided by the affiliating University or other statutory agency

- The academic calendar at the beginning of the term states clearly the available time frame for effective completion of curriculum.
- Departments prepare a plan of action for field visits, guest lectures and demonstrations to supplement curriculum provided by the University.
- The college has implemented 5 SMART (1 basic and 4 Advance) classrooms through a CSR initiative between our parent body Seva Mandal Education Society (SMES) and SAS Pvt. Ltd. The use of ICT enables effective implementation of curriculum.
- Remedial classes are conducted in English and Physiology. A bridge course in maths is conducted for students of BCA who do not have a mathematics background in 11th and 12th Std. A bridge course is also organized for M.Sc. students from a non-nutrition background
- Resource persons from the industry are invited to participate in curriculum delivery. As a policy, 5% of the curriculum of Computer Applications program is taught by experts from the Industry.
- Alumna are invited to share the latest trends in the industry according to their respective jobs and designations
- Faculty are granted duty leave to attend faculty development programs, workshops, training programs to upgrade skill and knowledge in keeping with the fast changing market place.
- Financial assistance is given to faculty for attending conferences and seminars to upgrade their knowledge base in their respective specializations.
- The library enhances collection of books, journals, e-data base in the library as per the need/request of the faculty and students.



1.1.5 How does the institution network and interact with beneficiaries such as industry, research bodies and the university in effective operationalization of the curriculum?

A. The Placement committee, Industrial Visit committee, Research committee, IQAC and Alumnae Association promote interaction with Industry and professional bodies. Faculty are members of professional bodies such as Association of Food Scientists and Technologists of India (AFSTI), Indian Dietetics Association (IDA) and Textiles Association of India and the college has benefited from collaborative projects through their interaction. We have also benefitted through networking through our Alumina and former teachers who have helped to establish linkages with companies such as Chinikum, Pepsico, Marico and Pawaak Foods.

The college has established/sustained the following linkages over the last five years:

- Project in modified food product development with Marico Industries in collaboration with M.Sc. CND (Dept. of Food Science & Nutrition)
- Project to create awareness of whole grains among school children, with Pepsico Ltd. in collaboration with M.Sc. CND (Dept. of Food Science & Nutrition)
- Project in food development with Chinikum in collaboration with M.Sc. CND (Dept. of Food Science & Nutrition)
- Collaborative ventures to promote gender sensitization with Aadipath Foundation and Research Centre
- Certificate Program in 'Research as Pedagogy, Advocacy and Transformation' with P.U.K.A.R (Partners for Urban Knowledge Action and Research)
- Projects in collaboration with the Rural Development Centre at Talasari (under All India Women's Conference) by Dept. of Human Development
- Inter-Collegiate competitions for students to inculcate research culture with Association of Food Scientists and Technologists (AFST(I)) in collaboration with Dept. of Food Science and Nutrition
- Workshop on Legal Issues organized in collaboration with the District Legal Services Cell of the Government of Maharashtra
- Project on Testing of VISSCO Medical Textiles products with VISSCO Rehabilitation Aids Pvt. Ltd, Mumbai in collaboration with the Department of Textile Science and Apparel Design
- Community outreach projects with Lion's Club of Sion such as blood donation and cancer detection camps and thalassemia checkup.

In addition, departments have established several linkages wherein they place students for internship in various industries and organizations, arrange industrial visits, and invite resource persons. Annexure no.6

Department of Computer Applications has signed an MOU with Seed-InfoTech wherein SEED Infotech conducts aptitude tests for students of the K.G Shah Department of Computer Applications. They also provide training for IT competitive exams on a regular basis.



- B.** Experts from the industry are invited to conduct workshops and seminars such as a seminar on “Impact of Nutrition on Diabetes & Cholesterol Management” organized in collaboration with Marico Industries on 1st September 2012, and collaborative seminar with Wool Research Association on ‘Sport Tech’ organized by Department of Textile Science and Apparel Design on 31st August, 2015

Members from the Industry as well as academia are invited as external experts on the college IQAC. Mr. Ullhas Nimkar (Chairman and Managing Director NimkarTek Technical Services Pvt. Ltd) is a IQAC Member, and Mr. Milind Rane (Deputy General Manager HR at Hardcastle Petrofer Pvt. Ltd) is a member of the LMC for BCA. Dr. Prabodh Halde (Head, International Regulatory Affairs of Marico Industries) is a member of the LMC for M.Sc. CND.

- C.** Our Parent body SMES formulated an Institutional Ethical Committee in 2012 as per the guidelines of Indian Council of Medical Research Organisation. Core committee members are as follows:
- Dr. Dilip Trivedi (M.S General Surgery) Chairperson
 - Dr. Vatsala Trivedi (Nephrologist) Executive member
 - Dr. Ganesh Shinde (Gynecologist & Dean) Cooper Hospital, Executive member
 - Mrs. Jyotsna Pandit (Clinician) Executive member
 - Dr. Shobha Udipi (Senior Nutritionist –PFND AI & Research Scientist- Medical Research Centre-Kasturba Hospital)
 - Mr. T.M. Jethani (Lawyer, Principal SMES Law School)

For promotion of research orientation and undergraduate research culture, the college has signed an MOU for a Certificate Program in Research as Pedagogy, Advocacy and Transformation” conducted by P.U.K.A.R (Partners for Urban Knowledge Action and Research).

The institute has an academic linkage with the Indira Gandhi National Open University (IGNOU). The college is a study centre for two programs MCA and M.Sc. in Dietetics and Food Services Management

Faculty members have been invited to develop curricula by other universities. This has enabled faculty to gain additional inputs on how to plan and implement the curriculum:

Name of the Faculty/Designation	Details of Representation on Universities <u>other than</u> SNTDWU
Dr. Shilpa P. Charankar (Principal & Head Department of Textile Science and Apparel Design)	● Member Ad hoc Board of Studies in Home Science University of Mumbai
Prof. Mala Pandurang (Vice principal & HOD, Dept. of English)	● Member, Board of Studies of English, St Xavier’s College (Autonomous), Member, Board of Studies of English, Ruia College (Autonomous)



	<ul style="list-style-type: none"> • Member, Board of Studies, SVT College of Home Science (Autonomous) • National Expert on BOS of English Studies, Central University, Jharkhand
Dr. Kirti Pathak (HOD, Dept. of Human Development)	<ul style="list-style-type: none"> • Expert to scrutinize Human Development Course Outline (S.VT College HD Department)
Mrs. Anuradha Shekhar (HOD, Dept. of Food Science and Nutrition)	<ul style="list-style-type: none"> • Co-opted Member of AFSTI Mumbai Chapter
Dr. Rupali Sengupta (Coordinator, M.Sc. Clinical Nutrition)	<ul style="list-style-type: none"> • Member of Board of Studies of M.Sc. Clinical Nutrition and Dietetics, Perriyar University, Chennai • Local Executive Committee and Life member of AFSTI and PFNDIA and Associate Life member of IDA
Ms. Padmaja Biwalkar (Assistant professor, Science)	<ul style="list-style-type: none"> • Member of Board of Studies of Science SVT College of Home Science
Mrs. Sugandha Lad (Assistant professor, TSAD)	<ul style="list-style-type: none"> • Member of Board of Studies, Savitribai Phule Pune University, Pune

1.1.6 What are the contributions of the institution and/or its staff members to the development of the curriculum by the University? (Number of staff members/departments represented on the Board of Studies, student feedback, teacher feedback, stakeholder feedback provided, specific suggestions etc.)

Staff members are representatives on the Board of Studies/important decision making bodies of SNDT Women's University from 2010 to August 2015 (*The Academic council has been dissolved and not been reinstituted pending the University Act which has not yet been passed by the Government of Maharashtra.)

Name of the Faculty/Designation	Details of Representation on decision making bodies of SNDT Women's University
Dr. Shilpa P. Charankar (Principal & Head Department of Textile Science and Apparel Design)	<ul style="list-style-type: none"> • Nominated Member of Academic Council • Nominated Member of University Senate • Nominated Member of Management Council • Chairperson of Board of Studies of Textile Science and Apparel Design • Member of Faculty of Home Science • Member of Research and Recognition Committee • Member of Board of University Teachers Research Committee • Member of Board of College & University Development Committee • Convener appointed to evaluate the syllabus of B. Design course



	<ul style="list-style-type: none">● Chairperson of LIC to SOFT Pune for inspecting B. Design & Post Graduate Programs● Chairperson of Expert Committee to scrutinize colleges which propose to start a new course in B. Design● Chairperson Ad hoc Board of Studies for Fashion Design for B. Design● Appointed by Board of Examination of University of Mumbai for Branch III Textiles & Fashion Technology Dissertation at M.Sc. Home Science Semester III Exam
Prof. Mala Pandurang (Vice principal & HOD, Dept. of English)	<ul style="list-style-type: none">● Nominated Member of Academic Council (2010- 2015)
Dr. Meena Mehta (Asso. Prof. Dept. of Food Science and Nutrition)	<ul style="list-style-type: none">● Nominated Member of University Senate● Nominated Member of Management Council
Dr. Kirti Pathak (HOD, Dept. of Human Development)	<ul style="list-style-type: none">● Member on the Board of Studies for Human Development
Mrs. Anuradha Shekhar (HOD, Dept. of Food Science and Nutrition)	<ul style="list-style-type: none">● Special invitee (Board of Studies of FSN) for restructuring of syllabus
Mrs. Alka Pant (Dept. of Human Development)	<ul style="list-style-type: none">● Special invitee Board of Studies for Extension)
Mrs. Veena Verma (Dept. of Textile Science and Apparel Design)	<ul style="list-style-type: none">● Special invitee for restructuring of syllabus of TSAD
Dr. Vrushali Datar (Dept. of Resource Management)	<ul style="list-style-type: none">● Member of Ad-hoc Board of Studies for “Human Ecology and Consumer Studies”

The college has taken the initiative to organize workshops for redesigning curriculum wherein faculty from other SNTD colleges have been invited.

A workshop on “Restructuring the Home Science Syllabus” on 6th and 7th April 2012; workshop on major changes in the curriculum/modular structure at university level were hosted on 5th Feb 2013; and a workshop on choice based credit systems organized for faculty from SNTD Women’s University colleges on 28th April 2014.

The following systems are in place to receive feedback towards development of the curriculum from stakeholders, which is then conveyed to the Board of Studies via faculty members:

- Exit forms given to third year students gives inputs regarding teaching-learning resources, curriculum content, and activities of the department
- Verbal feedback from Alumnae
- Industry feedback after students complete their internship
- Verbal feedback from parents during PTA meetings

The following subjects were introduced in view of feedback received:



- ‘Soft skills development’ and ‘Fabric ornamentation and accessory design’ for SY TSAD.
- ‘Working with working with Parents, Ageing & Adulthood’ for TY HD B.Sc.
- ‘Business communication and basics of food production’ for SY Resource Management

1.1.7 Does the institution develop curriculum for any of the courses offered by it? If ‘yes’, give details on the process (‘Needs Assessment’, design, development and planning) and the courses for which the curriculum has been developed.

The curricula of the following add- on courses have been designed and developed by in-house faculty, with inputs from members of the academia, industry, and alumina. The courses have been revised periodically taking into consideration the needs of the job market and feedback from stakeholders. Our focus is on skill development as well as preparing students for the competitive market space.

Sr.No.	Name of the Programme	Year of introduction	Content revised in
Courses/Career Oriented Program (Recognized by the UGC)			
1	Physical Fitness and Weight Management	2004	2015
2	Event Management	2004	2015
3	Beauty Culture & Hair Dressing	2007	2015

Add on /Value Added Courses:

Sr. No.	Name of the Programme	Year of introduction	Content revised in
1	Personality Development for SY B.Sc./SY ad TY BCA students	1994	2012
2	100 hours of computer skills for FY, SY and TY B.Sc. students	1996	2009, 2013, 2016
3	German for FY BCA students	2004	2015
4	Soft Skills for TY B.Sc. students	2012	2014, 2016
5	Life Skills based on Gandhian Values (Sem. IV S.Y B.Sc.)	2014	-
6	Certificate course in “Research as Pedagogy, Advocacy and Transformation” for F.Y (ND) in collaboration with PUKAR	2014	2015
7	Catering Management (Open to all)	2016	-
8	Entrepreneurial skills development for SY and TY RM students	2015	2016



1.1.8 How does institution analyze/ensure that the stated objectives of curriculum are achieved in the course of implementation?

The institution ensures that stated objectives of the curriculum are achieved through the following feedback/ monitoring mechanisms:

- Formative evaluation/continuous internal assessment to evaluate the level of understanding and performance of students
- Feedback from students by means of student-teacher evaluation/exit forms
- Periodical checking of teaching plans by HODs
- Internal Academic audit based on departmental evaluative reports
- Library is audited by IQAC members and library facilities are assessed to see whether it is in keeping with books required for the curriculum
- Question bank workshops are organized to ensure that papers are set according to the objectives of the curriculum. HOD periodically checks questions papers
- Regular 'Internal Quality Improvement Circle' meetings

1.2 Academic Flexibility

1.2.1 Specifying the goals and objectives give details of the certificate/diploma/ skill development courses etc., offered by the institution.

The broad based objectives of the courses as mentioned in 1.1.7 are as follows:

- to focus on skill development so as to enhance employability skills
- to prepare students for the requirements of today's job market
- to offer students practical experience/hands on training
- to impart information on entrepreneurial possibilities
- to promote holistic development of students

1.2.2 Does the institution offer programs that facilitate twinning /dual degree? If 'yes', give details.

SNDT Women's university does not have the provision of a twinning/dual degree and hence the college does not offer any programs to facilitate the same. However, the institution offers 3 UGC recognized career oriented programs (Event Management, Beauty Culture and Hair Dressing and Physical Fitness and Weight Management) which enables the student to gain a certificate, diploma or advanced diploma simultaneous to their degree.

1.2.3 Give details on the various institutional provisions with reference to academic flexibility and how it has been helpful to students in terms of skills development, academic mobility, progression to higher studies and improved potential for employability

Range of Core /Elective options opted by the college

Students have the choice of opting for any of the following specializations in Semester III of the B.Sc. degree program in Home Science (i.e. Second year) - Human Development/Food Science and Nutrition/Resource Management/ Textile Science and Apparel design. They may opt for the specialization of Nutrition and Dietetics in the first year of the program.



While English is compulsory subject under foundation courses, students may take either a higher level or lower level paper as per their language fluency skills.

Vertical mobility across programs and courses

- At entry point, students from Home Science, Science, Arts and Commerce backgrounds are eligible for admission to the Home Science Program.
- Undergraduate students in Food Science and Nutrition can aspire for the following programs on campus - PG Diploma in Sports Science Fitness and Nutrition/ M.Sc. in Clinical Nutrition (SNDT) or M.Sc. in Dietetics and Food Service Management (IGNOU)
- Undergraduate students of all specializations can apply for the PG Diploma in Early Childhood Education
- BCA students opt for MCA (under IGNOU)

In addition, there are a number of vocation oriented certificates and diploma courses offered on campus by the SCNI Polytechnic of our Parent body. These include:

- Applied Art
- Travel and Tourism
- Interior Design and Decoration
- Fashion Designing and Merchandising

The college also offers a 2 years full time diploma (Govt. Recognized) course in Beauty Culture and Hair dressing through Maharashtra State Board of Technical Education (MSBTE). The eligibility is S.S.C. We also offer a full time institute course (autonomous) for 1 year as well as advanced courses in Beauty Culture for 6 months each.

Choice Based Credit System and the range of subject options:

The M.Sc. CND program offers a choice based credit system. The SNDT Women's University is in the process of finalizing the choice based credit system for undergraduate courses. It will be introduced once the University directs its affiliated colleges to implement the same.

Courses offered in modular form:

As per university norms, all the undergraduate programs are designed in modular format after the syllabus revision process in 2012, by the SNDT Women's University.

Credit transfer and accumulation facility:

Under the norms of SNDT Women's university, there is provision for credit transfer or accumulation.

Enrichment courses

The College has incorporated the following courses into the regular timetable: Personality development, Life skills through Gandhian Values, Soft Skills and German. Yoga classes have been incorporated into the timetable for FY B.Sc. students.

Potential for employability

Both the programs offered (Home Science as well as Computer applications) are vocational courses, and therefore all of the specializations offer tremendous



potential for employability. In addition, value added courses such as soft skills and fundamentals of computer enhance the employability quotient of the students.

Flexibility to pursue the program with reference to the timeframe:

As per the university norms, the students can avail a break of four years once during the program, to get readmission in the second or third year. This is particularly beneficial to women students who had to take a break due to personal reasons such as marriage or having a child. The college has readmitted such students and mentored them so as to enhance their performance.

1.2.4 Does the institution offer self-financed programs? If 'yes', list them and indicate how they differ from other programs, with reference to admission, curriculum, fee structure, teacher qualification, salary etc.

The institution offers five self-financed programs affiliated to SNDT Women's University. The institution follows the norms set by the SNDTWU, UGC and Government of Maharashtra for admission criteria, fee structure, and appointment of teachers. The salary of the teachers is paid by the Seva Mandal Education Society. The curriculum is prescribed by the University. Qualification and recruitment of teachers is as per the university norm and list of staff members is submitted to the University for approval. Each program has a coordinator who looks into the administration of the program.

The institution offers the following self-financed programs affiliated to SNDT Women's University

Undergraduate degree programs

- B.Sc. in Nutrition and Dietetics
- Bachelor of Computer Applications

Postgraduate programs

- Post Graduate Diploma in Sports Science Fitness and Nutrition
- Post Graduate Diploma in Early Childhood Education
- M.Sc. in Clinical Nutrition and Dietetics

The Institution is a recognized study center for the following programs affiliated to IGNOU.

- Masters in Computer Applications
- M.Sc. in Dietetics and Food Service Management.

The study centre will shortly offer guidance for M.Phil. and PhD programs under IGNOU

Diploma courses:

- 2 years full time diploma (Govt. Recognized) course in Beauty Culture and Hair dressing through Maharashtra State Board of Technical Education (MSBTE)
- UGC recognized Career Oriented Programs in Event Management, Beauty Culture and Physical Fitness and Weight Management



1.2.5 Does the college provide additional skill oriented programs, relevant to regional and global employment markets? If ‘yes’ provide details of such program and the beneficiaries.

To cater to the needs of the regional and global employment market, we offer the following skill based programs:

Sr.No.	Name of the Program	Beneficiaries
Employability Skills		
1	Physical Fitness and Weight Management	FY B.Sc. (Certificate), SY B.Sc. (Diploma), TY B.Sc. (Advanced Diploma)
2	Event Management	FYB.Sc. (Certificate), SY B.Sc. (Diploma) TY B.Sc. (Advanced Diploma)
3	Beauty Culture & Hair Dressing	FY B.Sc. (Certificate), SY B.Sc. (Diploma), TY B.Sc. (Advanced Diploma)
4	100 hours of Computer skills	All FY/SY and TY B.Sc. students
5	German	FY B.C.A students
6	Catering Management	Open to all (Minimum S.S.C.)
7	Certificate course in crèche and balwadi teachers training	Open to all (Minimum S.S.C.)
Holistic development		
1	Personality Development	SY B.Sc. and FY/SY/TY B.C.A students
2	Soft Skills	TY B.Sc. and T Y B.CA students
3	“Research as Pedagogy, Advocacy and Transformation”	FY Nutrition and Dietetics students
Moral and Ethical Values		
1	Life Skills program based on Gandhian Values	SY B.Sc.
Better Career Options		
1	Fundamentals of Computer- Value added Course	FYBCA students
2	Kshrujan Entrepreneurial Skills Development course	SY and TY RM students
3	Landscape designing	Open to B.Sc. (Botany), Interior Designers and Civil Designers
4	Diploma in Beauty Culture and Hair dressing through Maharashtra State Board of Technical Education (MSBTE)	Open to all (Minimum SSC)

In addition workshops are organized on necessary soft skills, communication skills, resume writing, time management and stress management in order to enhance employability.

1.2.6 Does the University provide for the flexibility of combining the conventional face-to-face and Distance Mode of Education for



students to choose the courses/combination of their choice” If ‘yes’, how does the institution take advantage of such provision for the benefit of students?

The courses we offer under the SNDT Women’s University do not combine conventional face to face and distance education mode. However, we offer two programs through IGNOU wherein students have the flexibility of combining face to face contact sessions conducted by the institution, with the distance mode of education. These are MCA (Masters in Computer Application) and M.Sc. in Dietetics and Food Service Management.

1.3 Curriculum Enrichment

1.3.1 Describe the efforts made by the institution to supplement the University’s Curriculum to ensure that the academic programs and Institution’s goals and objectives are integrated?

- Remedial classes for weak students
- Book bank facilities
- Activities organized by the research committee to promote undergraduate research and enhance subject knowledge, develop analytical skills and scientific temper.
- Final year students are encouraged to attend State level and National level seminars organized by the college
- Well stocked library with on-line data bases, e-resources and facilities for e-browsing
- Creating social consciousness by wide range of community outreach programs
- Environment sensitization through a series of activities, visits and workshops
- Facility of freeships for needy students, and students from SC/ST/OBC backgrounds
- Industrial visits to facilitate better understanding of aspects of curriculum
- Internship placements with NGOs, hospitals and industry
- Mentoring program
- Encouraging meritorious students by felicitations on Independence day and Republic day
- Co-curricular activities such as biennial college exhibition, workshops, demonstrations and field visits
- Building physical endurance through yoga and self-defense through karate sessions

1.3.2 What are the efforts made by the institution to enrich and organize the curriculum to enhance the experiences of the students so as to cope with the needs of the dynamic employment market?

- Enhanced infrastructure so as to facilitate skill based training such as restaurant set- up and housekeeping labs, upgrading equipment in the textile labs and acquiring the latest software and hardware in the computer labs
- The Dept. of Resource Management offers a skills training opportunity



under the Government of India scheme 'Hunar se Rozgar.' Third year students are sent to hotels for 6/8 weeks in housekeeping and services/ production departments. Similarly second year students attend a one week workshop at Garware Institute of Career Development, Mumbai University. This workshop gives students hands on experience of using Galileo software which facilitates online visa applications for different countries. Introduction of unique course 'Kshrujan' specially formulated to promote entrepreneurial skills, analytical skills, marketing skills and decision making.

- Introduction of unique certificate course on 'Research as Pedagogy, Advocacy and Transformation' in collaboration with PUKAR to promote out of the- box thinking and orientation to tools in research.
- Upgrading value added course in computer education literacy to meet the requirements of potential employers. Modules on AutoCAD, Corel draw, use of excel sheets for survey results and data analysis and Photoshop for helping to design work sheets have been introduced.
- Periodical review of soft skills program and introduction of components such as group discussions, interview skills, mock interviews, resume writing, etiquette and cross cultural communication.
- Advanced learners are encouraged to participate in research competitions so that they are aware of the latest developments of the market place
- Subject experts from Industry and Professional bodies are invited to interact with the students.
- College coordinates internship in established companies, hospitals and NGO's so that students can learn the latest developments in their respective specializations

1.3.3 Enumerate the efforts made by the institution to integrate the cross cutting issues such as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum?

Gender issues:

- The college has received recognition for our 'Jagar Janivancha Abhiyan' program on gender sensitization from the Government of Maharashtra. In 2012-2013, we were awarded 2nd prize at District Level and 1st prize at University Level. In 2013-2014, the institution went a step further by winning 2nd Prize at State Level, in addition to 1st prize at District Level and 1st Prize at University Level. Although Government of Maharashtra has discontinued the 'Jagar Janivancha Abhiyan' scheme, we are continuing with our gender sensitization program. As part of the program, a series of activities are conducted for all students on campus on the following topics: strategies for empowerment of women, issues related to health and hygiene, sexual harassment and domestic abuse, assertiveness and personality development, socio-legal issues related to women and self-defense strategies. In this regard, the college has also conducted collaborative activities with the NGO Stree Mukti Sanghatana.

Annexure No.7

- The college has started a cyber-security cell on campus. Sessions on cyber security have been organized to create awareness on precautionary measures ,through the cybercrime cell of Mumbai from 2014 to 2016. A lecture on



“Making cyber space safe for girls” by Mr. Javed Ahmed, Police Commissioner of Mumbai was organized on 21st February 2016.

- Guest lectures on legal rights of women, media and women, and the screening of films on gender related issues have been organized under the Foundation course on ‘Women’s Studies’.
- The college has been focusing on the theme of ‘Women and Health’ as an ongoing project, and has organized a series of activities on health issues related to women such as Smt. Dakshaben Pathak memorial lecture series on issues such as cancer, detection camps for anemia and thalassemia.
- Department of Food Science and Nutrition conducts campus outreach programs during nutrition week and breastfeeding week.
- In March 2015, the college received D.L. Shah Quality Award (Silver) from the Quality Council of India for the project on ‘Transformation of Girl Students into empowered citizens’ undertaken by the faculty of the Dept. of Computer Applications.
- Faculty have worked on issues related to gender and also published papers on the same

Climate change and Environmental Education:

- There is a continued and sustained emphasis on creating sensitization to environment issues. A Green Audit was conducted by STEP Techno Solutions on 1st February, 2016. A plan of action was subsequently drawn up which compasses the areas of waste segregation, energy conservation, recycling of resources and water conservation.
- In December 2015, the college exhibition was exclusively focused on ‘Environment for a better tomorrow’. Another important best practice is the screening of a short video on environmental issues before every orientation, PTA and other college events. Also, guests are welcomed with a tulsi plant or bamboo plant rather than floral bouquets.
- As part of waste management initiative, a project of waste segregation and composting in the food science labs has been initiated. Dept. of Computer Application conducts an annual drive to collect e-waste, in collaboration with Evergreen Recyclekaro (I) Pvt. Ltd. First year B.Sc. and BCA students are involved in collection of waste paper for a cause. The proceedings were given to the Helping Hand Foundation. There is an ongoing effort to reuse and recycle paper by placing boxes with one-side paper in office/staff room/library/classrooms. Slogans on saving water and electricity have been placed in classrooms and in washrooms.
- The NSS unit participates in tree plantation drives. Students are actively involved in Swachh Bharat Abhiyan activities. Students have won prizes at intercollegiate level for their presentations on environmental issues (March 2014) and bio-diversity in Mumbai city (March 2014).
- As part of the UGC prescribed course on ‘Environmental studies’, the following activities are conducted on an ongoing basis: lectures on topic such as waste management, biodiversity and carbon foot printing and film screenings on global warming, climate change and food security. We have a designated bulletin board on the 6th floor to display latest issues related to the environment. Student groups have visited Mahim Nature Park, Mangrove park at Vikroli and Bombay Port Trust garden at Colaba to observe water harvesting techniques, and Sewri dockyard to observe



flamingos. They have written reports and shared their observations with their peer groups via Facebook, college magazine and bulletin board displays. Student conduct peer group education campaigns on issues such as health and hygiene, water and energy conservation. FYBCA students have conducted a survey on 'Carbon foot printing and bio-diversity mapping' and presented the same

ICT:

- It is the institution's policy that all our women students should be computer literate. Therefore all students of the B.Sc. program undergo 100 hours of compulsory computer training. Wi-Fi facility is available on campus. The college has 5 well equipped software computer labs with 138 computers and one hardware lab with 18 computers. 4 advance and 1 basic classrooms are equipped with SMART Boards and overhead projectors. All departments have been provided with laptops and mobile LCD projectors.
- Faculty have been trained on the effective use of ICT in teaching-learning. Faculty have initiated Facebook and Whatsapp groups to facilitate communicate with students on subject- related topics. Infilbnet facilities and online databases are also available. Important web tools such as poster4.teachers.org, learn boost, slide share, animoto and engrade are used to facilitate teaching learning processes.

Human Rights

A range of issues related to human rights have been covered by guest lectures, film screenings and workshops to sensitize students to issues such as child labour, right to vote, right to education and dalit rights. These include among others:

- Workshop on 'Right to Education Act' by Ms. Sushila Shastri from Save the Children India in collaboration with District Legal Services Cell on 7th Sept. 2012
- Guest Lecture on 'Human Rights and Dalit poetry' by Mr. Sachin Bhumbe. Associate Lecturer, PN Doshi College, Ghatkopar on 19th July 2013
- Lecture on 'Development Indices' by Dr. Falguni Desai, Associate Professor, Smt. Maniben Nanavati College, Vile Parle on 14th Sept. 2013
- Newspaper articles are displayed by the library on December 10th which is World Human Rights day
- Important days such as Constitution Day (26th November), and the birth anniversaries of Dr. Baba Saheb Ambedkar, and Sardar Vallabhai Patel are marked by bulletin displays
- The Gandhian Studies centre invited a team of 8 tribal performers from CG Net Swara to perform a street play that highlighted the civic issues in tribal belts in the central Gondwana district on 1st Sept. 2015.
- The college hosted a film festival in collaboration with MAVA (Men Against Violence and Abuse) on 25th and 26th November 2016 on themes including homophobia and transphobia.

The Gandhian Studies Centre was established in 2013 through a grant of ₹ 10.5 lakhs from the UGC. The main motive of Gandhian Studies Centre is to create an understanding and appreciation of Gandhian philosophy among the youth of today. The main theme of the centre for 2015-2016 was



“Understanding diversity, respecting pluralism” and a wide range of activities were organized to promote a healthy respect for each other’s religions and right to belief and expression.

1.3.4 What are the various value-added courses/enrichment programs offered to ensure holistic development of students?

The following value added/enrichment courses have been introduced to ensure holistic development of students:

Sr. No.	Name of the Programme	Beneficiaries
Employability Skills		
1	Physical Fitness and Weight Management	FY B.Sc. (Certificate), SY B.Sc. (Diploma), T.Y B.Sc.(Advanced Diploma)
2	Event Management	FY B.Sc. (Certificate), SY B.Sc. (Diploma), TY B.Sc. (Advanced Diploma)
3	Beauty Culture & Hair Dressing	FY B.Sc. (Certificate), SY B.Sc. (Diploma), TY B.Sc. (Advanced Diploma)
4	Basic Computers	All FY B.Sc. students
5	Foreign Languages (German)	FY BCA students
Holistic development		
1	Personality Development Program	All SY B.Sc. and FYBCA, SY BCA and TYBCA students
2	Soft Skills Development program	All SY B.Sc. and SY BCA students
3	‘Research as Pedagogy, Advocacy and Transformation’(PUKAR)	FY ND students
Moral and Ethical Values		
1	Life Skills program based on Gandhian Values (Sem. IV S.Y B.Sc.)	All SY B.Sc. Students
2	Value based lecture series covering topics such as Cybercrime	All students on campus

Better Career Options		
1	Fundamentals of Computer- Value added Course	FYBCA students
2	Oracle Forms and Report (Semester I) Database Administrator (Semester II)	SYBCA students
3	Entrepreneurship Development program	SY and TY RM students

Additional Courses Introduced



Sr. No.	Name of the Programme	Beneficiaries
1.	Certificate course in crèche and balwadi teachers training in collaboration with Stree Mukti Sanghatana	Participants interested in becoming Crèche/ Balwadi/Pre-school Teachers
2.	Certificate Course in Landscape Designing	Open to Outsiders B.Sc. (Botany) Interior Designer, Civil Designer and Draftsman

1.3.5 Citing a few examples enumerate on the extent of use of the feedback from stakeholders in enriching the curriculum?

Faculty are members of the Board of Studies and curriculum revision committees. Based on the feedback from students, alumina, and parents, they play an important role in the decision making processes of these bodies and help to bring about changes in the curriculum as per the need of the hour and the demand of the market place. Examples are as follows as per the specializations:

Human Development: there was a major revamp in the subjects. In IV semester new subjects introduced were working with Parents, Ageing & Adulthood. In III semester, practical component was added to family dynamics. Internship was changed from 4 credits to 8 credits. In extension education, media skills development (Th & Pr) was introduced instead of extension for development.

Nutrition & Dietetics: Curriculum changes have been made for the following subjects: institutional food service management which is now included as catering management. In medical nutrition therapy credits for practical classes have been increased to 8 classes per week to give students more hands -on training

Resource Management: Business communication and basics of food production have been introduced in the IV Semester.

Textile Science & Apparel Design: Fabric ornamentation & accessory design, and Soft Skills Development have been introduced.

1.3.6 How does the institution monitor and evaluate the quality of its enrichment programs?

The quality of enrichment programs is monitored by coordinators through the feedback taken from students and alumina. Final year students also give feedback on the enrichment programs in the exit forms that they submit.

1.4 Feedback System

1.4.1 What are the contributions of the institution in the design and development of the curriculum prepared by the University?

Many senior faculty members are on the Boards of Studies, Faculty and Academic Council of the University and have contributed actively towards the process of syllabi restructuring. In addition, faculty have been special nominees



on syllabi restructuring committees. The Institution has hosted workshops on content analysis as well as question banks.

Faculty have also contributed towards development of courses other than those offered at our institution itself, as mentioned in the table given below:

Name of the Faculty/Designation	Details of Representation on academic bodies of other institutions
Dr. Shilpa P. Charankar (Principal & Head of Department of Textile Science and Apparel Design)	<ul style="list-style-type: none"> • Chairperson of Board of Studies of Textile Science and Apparel Design (SNDTWU) • Member of Faculty of Home Science (SNDTWU) • Convener appointed to evaluate the syllabus of B. Design course (SNDTWU) • Chairperson of LIC to SOFT Pune for inspecting B.Design & Post Graduate Programs (SNDTWU) • Chairperson Adhoc Board of Studies for Fashion Design for B. Design (SNDTWU) • Member Ad hoc Board of Studies in Home Science University of Mumbai
Prof. Dr. Mala Pandurang (Vice principal & HOD, Dept. of English)	<ul style="list-style-type: none"> • Member, Board of Studies of English, St Xavier's College, Mumbai • Member, Board of Studies of English, Ruia College, Mumbai • Member, Board of Studies, SVT College of Home Science • National level expert. BOS of English Studies. Central University, Jharkand.
Dr. Kirti Pathak (HOD, Dept. of Human Development)	<ul style="list-style-type: none"> • Member on the Board of Studies for Human Development (SNDTWU) • Expert to scrutinize Human Development Course Outline (S.VT College HD Department)

Mrs. Anuradha Shekhar (HOD, Dept. of Food Science and Nutrition)	<ul style="list-style-type: none"> • Special invitee (Board of Studies of FSN) for restructuring of syllabus (SNDTWU) • Co-opted Member of AFSTI Mumbai Chapter
Mrs. Alka Pant (Dept. of Human Development)	<ul style="list-style-type: none"> • Special invitee (Board of Studies for Extension) for restructuring of syllabus (SNDTWU)
Mrs. Veena Verma (Dept. of Textile Science and Apparel Design)	<ul style="list-style-type: none"> • Special invitee for restructuring of syllabus of TSAD (SNDTWU)
Mrs. Sugandha Lad (Dept. of Textile Science and Apparel Design)	<ul style="list-style-type: none"> • Appointed as Member of Board of Studies, Savitribai Phule Pune University, Pune
Dr. Vrushali Datar (Dept. of Resource Management)	<ul style="list-style-type: none"> • Member of Ad-hoc Board of Studies for "Human Ecology and Consumer Studies" (SNDTWU)



1.4.2 Is there a formal mechanism to obtain feedback from students and stakeholders on Curriculum? If ‘yes’, how is it communicated to the University and made use internally for curriculum enrichment and introducing changes/new programs?

The college has the following feedback mechanism to obtain feedback:

Students:

- Student –teacher evaluation forms
- Student satisfaction questionnaires
- Exit forms given to third year students
- Library feedback form regarding facilities in library

Other stakeholders:

- Feedback from alumnae if content of curriculum meets requirements of the workplace taken during Alumnae meets and through social media groups such as ‘entrepreneurial stars’
- Informal feedback from Alumnae when they are invited to deliver guest lectures
- Informal feedback from parents during interaction during PTA meetings and when parents are called by class teachers to discuss wards’ performance

Industry:

- Industry offers feedback after students complete their internship
- Verbal feedback from experts when they are invited for guest lectures, and to conduct workshops.

The feedback from stakeholders is collated and reviewed in the IQAC meetings. Relevant feedback is conveyed to the University during BOS meetings and other meetings related to curriculum planning.

1.4.3 How many new programs/courses were introduced by the institution during the last four years? What was the rationale for introducing new courses/programs? Any other relevant information regarding curricular aspects which the college would like to include.

The following new programs were introduced after feedback was given by the NAAC Peer team to introduce relevant and job oriented courses. The programs were also introduced due to the demand from the student community.

Degree programs-

- MCA (IGNOU 2011)
- M.Sc. in Dietetics and Food Service Management (IGNOU 2015)

The rationale for introducing new courses by establishing a linkage with IGNOU is also linked to the refusal on the part of the University to give



permission to affiliated colleges to introduce postgraduate progress, and also the demand for such programs from our stakeholders.

Value added and enrichment courses:

Sr No	Name of the course	Year
1	Soft Skills Development program at TY B.Sc./BCA level	2012
2	Life Skills program based on Gandhian Values (Sem. IV S.Y B.Sc.)	2014
3	Certificate in “Research as Pedagogy, Advocacy and Transformation” (Sem. II ND batch)	2014
4	Catering Management (Open to all)	2016
5	Certificate course in crèche and balwadi teachers training in collaboration with Stree Mukti Sanghatana (Particularly for women from lower income groups who wish to teach in balwadis)	2015
6	Certificate in Entrepreneurship skills Development (SY and TY RM students)	2015
7	Certificate in Landscape Designing (Open to B.Sc. (Botany, Interior Designers, Civil Designers and Draftsmen)	2016

**CRITERION II:
TEACHING -
LEARNING AND
EVALUATION**



CRITERION II

TEACHING - LEARNING AND EVALUATION

2.1 Student Enrollment and Profile

2.1.1 How does the college ensure publicity and transparency in the admission process?

We are an exclusive women's college, and our policy is to admit women students to our undergraduate programs as long as our seats are vacant. Transparency is maintained by considering the minimum expected marks at the last qualifying exam as per the eligibility criteria of SNDT Women's University (SNDTWU). An admission committee oversees the process of admission and ensures that the norms prescribed by the SNDTWU and Government of Maharashtra are adhered to. A help desk is set up by the admission committee soon after the declaration of the 12th Standard results. Computer terminals are set up and student volunteers assist with the online application process of SNDTWU. The admission form is available on the university portal and students can submit the form online. Information on availability of seats is available through the portal.

The institution ensures wide publicity to the admission process as follows:

- Details of the salient features of the college, the courses offered, the admission procedure, fees and refund rules, free ships and scholarships are published in the college prospectus. This information is also available on the college website (www.bmncollege.com).
- Flex boards are placed strategically at the entrance of the college indicating courses offered and eligibility criteria, unique features and placement possibilities.
- Faculty members conduct orientations in junior colleges in the vicinity as well as in career counseling career fairs organized by NGOs such as Rotary Club, Lions Club and Kutchhi Visha Oswal Seva Samaj (KVO).
- The college holds a biennial academic exhibition 'Kaleidoscope', wherein work done by students from different specializations is displayed. The exhibition is publicized through the website and distribution of posters to colleges in the vicinity.
- Students of our M.Sc. program mentor undergraduate students who wish to appear for the Central Entrance Test (CET) of SNDTWU for admission to the M.Sc. program in Clinical Nutrition and Dietetics offered on campus.
- We share a close bonding with our alumnae, and our best publicists are our former students who disseminate information on our courses by word of mouth. We have had the daughters, as well as siblings, of our alumnae studying in our institution.



2.1.2 Explain in detail the criteria adopted and process of admission (Ex. (i) merit (ii) common admission test conducted by state agencies and national agencies (iii) combination of merit and entrance test or merit, entrance test and interview (iv) any other) to various programs of the Institution.

Our institution is an exclusively women's college and our objective is to empowerment of women through access to qualitative education. It is our institutional policy not to turn away women applicants until our sanctioned strength is filled. There is a minimum cut off percentage for admission at entry level to B.Sc. Home Science program as we believe that the performance of women students at higher secondary school level/last qualifying exam could have been affected by several socio-cultural and economic factors. Therefore admission at first year level for the undergraduate degree program, is on a first-come basis. Students are admitted as per the minimum criteria determined by the SNDTWU and admission procedures are done in accordance with the guidelines of the University. We give priority to our in-house students from our Junior College (Smt. HMN Junior College of Home Science).

Students can choose one of the following specializations or 'majors' at the beginning of the second year of the B.Sc. program i.e. in the 3rd Semester. These are **Food Science and Nutrition, Textile Science and Apparel Design, Human Development and Resource Management (aided programs)**. In order to facilitate the process of 'major selection' or selection of specialization at the end of the 2nd semester, an in-house software program has been developed by the Department of Computer Applications. Allotment of specializations is made on the basis of the marks of both 1st and 2nd semester exams as well as the students' preference list.

The specialization of **B.Sc. program in Nutrition and Dietetics (unaided)** is offered at the 1st semester itself. Students should have studied science subjects with Physics, Biology or Chemistry at Class XII level. Students can apply for the program after seeking admission in the general Home Science program. Merit lists are generated and displayed as per the allotted number of seats.

The minimum percentage for admission to the **Bachelor in Computer Application Program (BCA)** is 45% (and 40% for candidates belonging to reserved category from within the State). Direct admission for Second year BCA is also offered to students with a 3 year full time Diploma in Engineering from the Technical Education Board with an aggregate of not less than 60% .

Admission procedure for **M.Sc. Clinical Nutrition and Dietetics** is through a centralized process by the SNDT Women's University by means of a Common Entrance test and personal interview with a minimum marks of 50% at undergraduate level. From 2015-2016, admission procedure for **Postgraduate Diploma in Sports Science Fitness and Nutrition (PGSSFN)** is also through the CET and personal interviews. The minimum requirement for Postgraduate Diploma in Early Childhood Education is 45 % from Home Science stream and 50% from other streams.

There are three UGC recognized Career oriented programs (COP) namely **Physical Fitness and Weight Management, Event management and Beauty**



culture. The courses are allotted at FY B.Sc. level according to the student's preference, availability of seats and subjects studied at Junior college level.

The college also offers a 2 year full time Govt. recognized diploma in **Beauty Culture and Hair Dressing** through Maharashtra State Board of Technical Education (MSBTE). The eligibility is S.S.C. We also offer a full time institute certificate course for 1 year as well as short term advanced courses in Beauty Culture for 6 months each.

2.1.3 Give the minimum and maximum percentage of marks for admission at entry level for each of the programs offered by the college and provide a comparison with other colleges of the affiliating university within the city/district.

Minimum and Maximum percentage of marks for admission to the B.Sc. and BCA program

Years	B.Sc. program		BCA program	
	12 th Std. % (Min)	12 th Std. % (Max)	12 th Std. % (Min)	12 th Std. % (Max)
2011-2012	39.17	79.17	45	83.83
2012-2013	37.33	79	45	73.83
2013-2014	39.17	85.40	45	81.66
2014-2015	38	88	45	72
2015-2016	42	84.80	45	87.66

Minimum and Maximum percentage of marks for admission to Post Graduate Diploma in Sports Science Fitness and Nutrition and Early Childhood Education

Years	PG Dip. in SSF& N		PG Dip. in ECE	
	B.Sc. % (Min)	B.Sc. % (Max)	B.Sc. % (Min)	B.Sc. % (Max)
2011-2012	52.5	73.38	C'Grade	-
2012-2013	52.88	61.87	Pass Class	50
2013-2014	48.91	78.08	Pass Class	75.3
2014-2015	41.50	70.03	52	69
2015-2016	49.45	79.75	-	-

Minimum and Maximum percentage of marks for admission to M.Sc. Program in Clinical Nutrition and Dietetics:

Years	B.Sc. % (Min)	B.Sc. % (Max)
2011-2012	58	74
2012-2013	55	79
2013-2014	51	75
2014-2015	56	73
2015-2016	52	80
2016-2017	50	76

The entry percentage in comparison to other affiliated colleges is not made available



2.1.4 Is there a mechanism in the institution to review the admission process and student profiles annually? If ‘yes’ what is the outcome of such an effort and how has it contributed to the improvement of the process?

The admission committees of the B.Sc. and B.C.A sections monitor the admission process. The Principal conducts a meeting with the committee as soon as the 12th standard results are announced. Admission forms are closely scrutinized by committee as per the eligibility criteria of SNDTWU. Although we are a linguistic minority institution, the committee ensures that the government and university norms for students of reserved category are followed. There is a relaxation in fees charged as well as in the minimum percentage for eligibility (for e.g. 40% for students applying for BCA course instead of 45%).

A few outcomes as a result of the admission review process are as follows:

- It was observed that many of the students required guidance for filling of online application forms which has been made mandatory under the MKCL (Maharashtra Knowledge Commission Limited) from 2014 onwards. Student volunteer-groups have been formed to assist parents and their wards at the time of the admission process.
- Students and parents were uncertain about vocation possibilities offered by the Home Science program due to misconceptions regarding the Home Science Program. Hence, teachers at the admission desk offer counseling on career options of the B.Sc program.
- In order to do the required follow up on enquiries about the course, the phone numbers and email ids of parents/students are noted.
- Information on freeships is offered at the admission counter, especially to SC/ST students who are informed about Government welfare schemes. Needy students are informed about freeship schemes offered by our Parent body SMES.
- In order to promote transparency, eligibility and refund rules are displayed prominently at the time of the admission. They are also uploaded on our website and through distribution of information pamphlets.

Caste Category Composition Annexure No. 8

2.1.5 Reflecting on the strategies adopted to increase/improve access for following categories of students, enumerate on how the admission policy of the institution and its student profiles demonstrate/reflect the National commitment to diversity and inclusion

- | | |
|--------------------------------|----------------------|
| ➤ SC/ST | ➤ OBC |
| ➤ Women | ➤ Differently abled |
| ➤ Economically weaker sections | ➤ Minority community |
| ➤ Any other | |
- Our institution is an exclusively women's college and the institution puts in all efforts to ensure access to education to women students who come from social backgrounds that have not traditionally encouraged them to pursue higher education. In particular, first generation learners are motivated to join the course. **Married women** who have chosen to continue their education after a gap are motivated to pursue their studies through counseling by the admission committee.



- The admission committee counsels students from **SC, ST, and other backward classes** about the admission processes and fee structures. Students from SC/ST and other backward classes as well as **economically disadvantaged backgrounds** are informed of financial support available from the Student Welfare Fund of the Seva Mandal Education Society, as well as Government schemes. There is a committee specially formulated to identify students who require financial assistance. The administrative office makes concerted efforts to secure Government scholarships for students from SC/ST and OBC background. The college also has the provision for fees to be paid in installments.
- Faculty take extra efforts to counsel students who are **slow learners/ differently abled learners/dyslexic students**. They guide them with sensitivity and mentor them so that they opt for the right specialization after the first year of the B.Sc. program. Students who have completed their school education through the National Institute of Open Schooling are given counseling on the nature of the courses. They are encouraged to pursue formal education by joining the college.
- Special efforts are also taken to facilitate the learning experience of students from non-English medium backgrounds. Remedial English classes are conducted thrice a week at First Year B.Sc. level and once a week for BCA students.
- The institute is witnessing a steady increase in students from the minority community. Efforts are made to integrate such students who are mainly first generation college goers into the college environment, and to ensure that they complete their graduation.

2.1.6 Provide the following details for various programs offered by the institution during the last four years and comment on the trends. i.e. reasons for increase/ decrease and actions initiated for improvement.

Program	Sanctioned intake at entry point	Year	No. of applications	Admitted	Ratio
B.Sc.	120 + additional 20% = 144 students	2011-12	138	128	1.1:1
		2012-13	142	122	1.2:1
		2013-14	152	143	1.1:1
		2014-15	172	168	1:1
		2015-16	178	177	1:1
BCA	120 + additional 20% = 144 students	2012-13	162	109	1.5:1
		2013-14	100	75	1.3:1
		2014-15	164	126	1.3:1
		2015-16	154	119	1.3:1
		2016-17	164	124	1.3:1

M.Sc.	40 students	2011-12	12	10	1:2
		2012-13	20	19	1:1
		2013-14	16	14	1:1



		2014-15	29	25	1:1
		2015-16	37	31	1:1
		2016-17	42	40	1:1
PG Dip. in ECE	30 students	2011-12	1	1	1:1
		2012-13	4	4	1:1
		2013-14	9	9	1:1
		2014-15	3	3	1:1
		2015-16	0	0	1:1
PG in Dip. SSFN	30 students	2011-12	8	8	1:1
		2012-13	9	9	1:1
		2013-14	13	13	1:1
		2014-15	8	8	1:1
		2015-16	10	10	1:1

Observation and action initiated as a result of the trends:

- There has been an increase in the number of students with a higher percentage applying for admission to our institution over the last four years. This is indicative that the efforts of the institution to provide qualitative education is being recognized.
- It was observed that there was a greater demand for the specialization of Nutrition among students who joined the B.Sc. Home Science program. The college therefore introduced an additional specialization of B.Sc. in Nutrition and Dietetics in 2009 and has worked towards strengthening this course over the last five years in the post accreditation period (2nd cycle).
- In 2009-2010, the Dept. of Resource Management changed its specialization from Interior Design to Hospitality Management. The department reviewed this decision and felt that it was a positive move and therefore continued with the specialization. There has been an increase in students who are opting for this major in the III semester over the last five years.
- As there was a demand for BCA program, the college started a second division for the BCA program in 2008. Given the successful running of the course in the last six years, we fulfilled the requirements and received permanent affiliation from the university in June 2016.
- A MCA program under IGNOU was also introduced in 2012 to provide upward mobility for the BCA students. The study center is running very successfully.
- There is a high demand for the M.Sc. Clinical Nutrition and Dietetics program. In keeping with the demand from working professionals, the college registered as an IGNOU study center for the M.Sc. in Dietetics and Food Service Management from 2015.
- On the other hand, the demand for the Postgraduate diploma in Early Childhood Education program has decreased due to the mushrooming of several private courses in this stream.

2.2 Catering to Student Diversity

2.2.1 How does the institution cater to the needs of differently-abled students and ensure adherence to government policies in this



regard?

Dyslexic students and those with learning disabilities submit certificates to the class teacher who shares this information with other subject teachers and the college counselor. The institution has admitted on an average 2-3 students from NIOS (National Institute of Open Schooling) per year, and takes care in mentoring their performance. Other slow learners are identified with the help of class teachers at first year level. Parents are also invited for discussion of their wards' performance. The institution has a mentoring program and mentor of the concerned student is involved in discussion. Students with learning problems are given extra time during examination as per SNDT Women's University guidelines. Instructions are explained at an individual level whenever required. For example, Ms. Ratanmala Hatlenkar is a student of BCA and instructions are given to her on a one-to-one basis for subjects such as software programming.

We cite some examples below to illustrate how the college is sensitive to the needs of differently abled students:

Ms. Maya Sonkar, BCA (2013-2016) was a polio affected student. She was given special permission to use the staff lift. Ramp facilities are available at the main entrance as well as the entrance to the K.G. Shah Vidya Bhavan to facilitate wheelchair accessibility to the lifts. A special washroom for differently abled students is available on the ground floor

Ms. Rabab Chobawalla FY B.Sc. (2016-17) has a congenital condition called Nystagmus in both her eyes. This prevents fixation like a normal eye. Faculty ensure that she is seated in front of the class. She has been given enlarged reading material for subjects such as the text book for English communication skills. Care is taken to assist her with applied science practical sessions. The library has provision of a kindle which enables her to enlarge e-book content.

Ms. Puja Shirke T.Y ND (2016-17) has 20% functioning of the heart. She has been given permission to use the staff lift and concession from attending strenuous sessions such as Yoga and self-defense sessions.

Ms. Rachita Shetty SY ND (2016-17) suffers from seizures and has been given extra time to write the examinations, as well as concession from attending strenuous sessions.

Ms. Amna Malick (M.Sc. CND) 2016-2017) suffers from tremors in her hand and is given extra time for tests.

We are happy to share that dyslexic students are doing well after having graduated from our institution. They include the following:

Sr.No	Name of Student	Year	Current status
1	Ms. Devika Nair	2012-2013	Left the institution in TY as her parents had been transferred, but continued her education at Mysore
2	Ms. Ankita Pai (RM)	2014-2015	Course in Animation
3	Ms. Tina Maria	2014-2015	Working as a nursery teacher
4	Ms. Hemmani Zope (HD)	2015-2016	Employed with NGO Aadipath Research Foundation



5	Ms. Twinkle Jain	2015-2016	Currently pursuing her M.Sc. in Clinical Nutrition and Dietetics
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2.2.2 Does the institution assess the students' needs in terms of knowledge and skills before the commencement of the programme? If 'yes', give details on the process.

- The academic term begins in the June. We follow a process of continuous internal evaluation and teachers are able to assess the level of students, on an average, by mid-July. Subject teachers assess the students' needs and skill levels through written tests and various participatory activities such as project work, presentations and group discussions. Teachers have one to one interaction with students during the practical sessions with groups of about 25 students, and this enables them to cater to, as well as assess, the needs of both slow learners and advanced learners.
- Students who have studied in non-English medium at school level are assessed within the first week of the academic year and are given the option of a 'Lower Level English paper' as prescribed by the University. They also attend remedial classes in English thrice a week for two semesters, which are structured according to the needs of the students. Similarly students weak in science attend physiology remedial classes.
- The Dept. of Computer Applications identifies students who are weak in Math through a diagnostic test through Socrates software. Students who did not opt for Maths in 12th Std. attend a bridge course at first year level. Lectures are conducted four times a week for 2 semesters. Third year FSN Students are given extra inputs in biochemistry.
- Students are given an orientation for selection of their specialization at the end of the first year. Faculty identify their aptitude and mentor them on choice of specialization according to their ability. The college has a program of mentoring wherein students are put into batches under the guidance of teacher mentors. The mentors play an important role in encouraging students to improve their academic performance.

2.2.3 What are the strategies adopted by the institution to bridge the knowledge gap of the enrolled students (Bridge/Remedial/ Add-on/Enrichment Courses, etc.) to enable them to cope with the programme of their choice?

Sr. No.	Strategy	Target group
1	Remedial classes in English Communication Skills	Students from non-English medium at school level, and those who are weak in English (FY B.Sc. and FYBCA)
2	Remedial classes in Physiology	Students from Commerce/Arts background and students weak in Science (FY B.Sc.)

3	Remedial classes in Biochemistry (2012-2014)	Third year B.Sc. students in Food Science and Nutrition
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4	Bridge courses in Mathematics	First year B.C.A students from non-mathematics background at Junior college level
5	Two weeks of training by 'typing tutor' which leads to familiarization of computer keys, and efficiency in typing speed -	B.C.A students who do not have typing skills
6	Bridge course in Nutrition for M.Sc. students	Students who have not studied nutrition as a specialization at B.Sc. level

Each department also conducts seminars, demonstrations, guest lectures to enhance knowledge of students on a regular basis. Details are given under the Department Evaluative reports.

2.2.4 How does the college sensitize its staff and students on issues such as gender, inclusion, environment etc.?

Gender Sensitization:

Activities on gender sensitization are organized by a committee which has been specially formulated under the Jagar Janivancha Abhiyan' program. There include sessions on legal issues related to women, domestic abuse and sexual harassment. Sessions are also conducted on personality development, self-esteem, health issues and self-defense.

The college has received recognition for our concerted efforts for this unique gender sensitization program from the Government of Maharashtra for two consecutive years. In 2012-2013, we received 2nd prize at District Level and 1st prize at University Level. In 2013-2014, we received 2nd Prize at State Level, 1st prize at District Level and 1st Prize at University Level. Although the Government of Maharashtra has discontinued the Jagar Janivancha Abhiyan scheme, we have continued with our structured efforts in recognition of our crucial role in empowering women students.

Faculty of the Dept. of Computer Applications presented the endeavors of the institution towards the holistic development of women students at the D.L. Shah Quality Awards competition of the Quality Council of India, New Delhi in August 2016. The college received the Silver award for their project on 'Transformation of Girl Students into empowered citizens.'

Departments also organize gender related events as per their specializations. For example, the Dept. of Food Science and Nutrition has a special focus on 'Women and Health' through events organized during Nutrition week and breast feeding week, sponsored by Marico Industries. The Dept. of Human Development conducts gender sensitization programs at the Women's Rural Development center at Talasari. The Dept. also organizes an intercollegiate pre-marital counseling workshop on an annual basis wherein eminent doctors, and family counselors are invited to interact with students. Students are guided on making small documentaries on issues related to gender under the media skills paper. Guest lectures on legal aspects, women and health and women and media have also been organized under the Foundation course on 'Women's Studies' offered at TY B.Sc. level and F.Y BCA level.



A two day film festival was organized in collaboration with the NGO MAVA (Men against Violence and Abuse) on 25th and 26th November, 2016 on the occasion of '16 Days of Activism' observed internationally against Gender-Based Violence. The 2 day fest had screenings of select national and international, short films, documentaries and feature films on the theme of Gender, Sexuality, Masculinity and Relationships.

2 male Non-teaching staff members were deputed to attend a workshop on 'Gender Sensitivity' at Maniben Nanavati College at Vile Parle on 24th July, 2013. The IQAC organized a workshop ('Yaun Shoshan ki Prati Jagrukta') on 12th September 2016 by the NGO 'Rubaroo' in order to educate our male staff members on issues related to sexual harassment.

Faculty members have worked in the area of gender studies and published papers.

Details of programs organized from 2011 to 2016 are given in Annexure No.7

Environment Sensitization:

The environment sensitization committee organizes activities on salient environmental issues. An orientation on the concept of "Green Audit" by Fr. Alwyn D'Silva was held on 16th September, 2014 for all staff members. Further to this, an institutional Green Audit was conducted by STEP Techno Solutions on 1st February, 2016. An action report has been formulated to implement suggestions given under the audit. The main focus is on sensitization of stakeholders on issues of water and electricity conservation, reduction of carbon credits, waste segregation, sanitation and hygiene.

Several activities are undertaken in order to implement the philosophy of reduce, re-use and recycle. Students and staff implement the practice of digitization of photos, notices and invitations. Cartons have been placed in the staff room, common room and class rooms for the purpose of recycling of one sided paper. Students of the computer department submit their projects online. The 'Srishtee E-waste collection drive' is undertaken by the Dept. of Computer Applications every year in collaboration with Evergreen Recyclekaro (I) Pvt. Ltd. Similarly a collection drive for waste material is organized every year and proceedings donated to NGO Helping Hands Foundation through Raddi Connect.

A workshop was conducted by Dr. Jyoti Palekar on August 4th 2016, for the Food Science and Nutrition Department to introduce composting of wet waste in the food lab. There was a follow up session on 13th August 2016 to guide students as to whether the composting process was being done properly. A similar workshop was organized for Canteen staff on 7th December, 2016.

A small garden is maintained by NSS students, who also participate in Van Mahotsav programs of the University. For all functions, guests are felicitated with either a bamboo plant or a tulsi plant. Paper gift bags are used in lieu of plastic bags.

A Green Brigade of student members has also been formed for peer group sensitization drives. As part of its activities, the group hosts an active face book



page 'Green Spirit Association' <https://www.facebook.com/search/top/?q=green%20spirit%20association>. Students have made power point presentations on 'dos and don'ts on campus' which are shown during student based activities. Short clippings on environmental issues made by Maharashtra Tourism Development Corporation (MTDC) are also screened during college level programs. Students have conducted a health and hygiene campaign of placing slogans and posters in washrooms and providing newspapers sheets for hygienic disposal of sanitary napkins. Under 'Swachh Bharat Abhiyan', the NSS unit conducts cleanliness drives.

The students' council has the healthy practice of incorporating the theme of environmental awareness into co-curricular events. For example, the college biennial exhibition Kaleidoscope was on the theme "Environment for a better tomorrow" (December 2015); the theme of Akanksha Intercollegiate Festival (August 2016) was "Green paradise" and the theme of the technical festival Tekzone was "Green ITians Carnival" (January 2015). Students of Human Development Department along with NSS Volunteers received the 2nd prize for a Republic day float display on 'Green Power: need of the hour' organized by SNDT Women's University on 26th January 2016. BCA students have participated in a project on mapping of biodiversity conducted by Ladybird Environmental Consulting. The project received 3rd prize at intercollegiate undergraduate research competition in March 2016.

Visits are organized to create awareness about green initiatives on important issues. For example F.Y B.Sc. students visited Bandra on 11th Jan 2015 to understand the highly successful concept of 'Citizens reclaim open spaces'. Students also visit the Flamingo Festival at Sewri organized by the Bombay Natural History Society (BNHS) every March as well as the annual Kala Ghoda festival to view the installations on Best-out-of Waste. Visits are also organized to the Maharashtra Nature Park and Bombay Port Trust Garden.

Apart from the Environment Studies Foundation Course at first year level, each department takes up a special initiative to promote environmental consciousness. Students of Textile Science and Apparel Design make bags out of left over fabric. They have also participated in fashion shows using recycled fabrics, paper bead jewelry and other accessories using recycled material. Food Science and Nutrition students demonstrate nutritious recipes made out of fruit and vegetable peels. Students of Resource Management take up projects on solid waste management and eco-tourism. They make innovative gift articles from waste products such as clutch purses from polythene bags, purses from cartons, glasses, bowls and candle stands from coconut shells.

Detailed list of lectures/workshop sessions conducted to create awareness of environment related issues is available in Annexure No. 9

Social Inclusion

The college believes in respecting diversity and follows a policy of social inclusion on campus. The college also believes promoting a culture of secularism wherein all religions are treated with equal respect. The UGC recognized Gandhian Studies Centre takes up a theme every year to promote pluralism on campus. In 2015-2016, the theme was "Understanding difference: respecting diversity." The center organized the Shri Dattatraya Ramchandra



Parulekar Inter-collegiate annual Painting Competition in 2015, keeping this theme as its central focus. A series of visits to different places of worship such as Shri. Dashmesh Darbar Gurudwara at GTB Nagar, Sion, synagogue at Kala Ghoda, Dargah at Antop Hill and church at Dockyard. Lectures were also arranged on Zoroastrianism, Judaism, and the relevance of the 'Gita in everyday life'.

The centre invited a team of 8 tribal performers from central Gondwana district to perform a street play that highlighted the civic issues in tribal belts.

Faculty and students of the TSAD conducted a 3 day collaborative workshop on "Skill based training for embroidery and Fabric painting" for under privileged ladies and girls in collaboration with Dept. of Fiber and Textile Processing Technology, Institute of Chemical Technology Mumbai from 21st to 23rd September, 2016.

The Human Development Dept. conducts a Certificate course in crèche and balwadi teachers training in collaboration with Stree Mukti Sanghatna, for women from lower income groups. The department also conducts field visits to organizations dealing with the differently abled children and disadvantaged children. Students are also taken on guided visits to schools for tribal children in rural areas, and centres for street children.

Additional initiatives are as follows:

- Workshop on 'Right to Education Act' by Ms. Sushila Shastri from 'Save the Children India' in collaboration with District Legal Services Cell on 7th Sept. 2012
- Guest Lecture on 'Human Rights and Dalit poetry' by Mr. Sachin Bhumbe. Associate Lecturer, PN Doshi College, Ghatkhopar on 19.07.2013
- Lecture on 'Development Indices' to understand the plight of the economically oppressed by Dr. Falguni Desai, Associate Professor, Smt. Maniben Nanavati College, Vile Parle on 14.09.2013
- Newspaper articles are displayed by the library on 10th December which is World Human rights day
- The birth anniversary of Dr. Baba Saheb Ambedkar, and Constitution Day (26th November) is marked by bulletin displays and essay competition on his life and contribution towards social upliftment of the marginalized.

2.2.5 How does the institution identify and respond to special educational/learning needs of advanced learners?

The faculty identifies the learning needs of advanced learners through their performance in unit tests, project work and interaction during the teaching-learning processes, questioning ability, quality of assignments submitted and motivation levels. The following activities and strategies are planned to respond to the needs of advanced learners:

- Advanced learners are assigned projects with higher levels of difficulty, as well as seminar topics that require an element of research such as using surveys and case studies. They are encouraged to search for information using online databases and Google scholar. They are involved in peer teaching of classmates and are made group leaders for group projects



- Select students have been guided and motivated to register for MOOC courses. For example, Ms. Abha Sardesai and Ms. Zainab Panvelwala (TY FSN 2015-2016) have completed courses in Nutrition and Wellbeing from University of Aberdeen from 18th Jan., 2016- 14th Feb., 2016 and a course in 'the science of nutrition' from Open University from 11th Jan., to 7th Feb., 2016. Ms. Manali Shirkane completed a self-paced course in 'Nutrition and health-Macronutrients and over nutrition' from University of Wageningen. Ms. Ameena Panvelwalla completed a course in English composition from University of California, Berkeley (2015). Ms. Ameena Panvelwala and Ms. Aditi Rege have registered for an English writing skills course from Arizona State University (2016-2017). Ms. Aditi Deshpande (TYFSN) completed MOOC on "Principles of Biochemistry" from Harvard University in June 2016. Ongoing: "Micronutrients and Health and over nutrition: Part 1" Wageningen University, Netherlands. "Nutrition and Wellness". University of Aberdeen, Scotland. Ms Aditi Deshpande for TY FSN has completed an online course on "Principles of Biochemistry" from Harvard Univ. in June 2016. She is also registered for a course on basic micronutrients from Wageningen Univ. Netherlands, and on 'Nutrition and Wellness' from University of Aberdeen, Scotland.
- Advance learners of M.Sc. are encouraged to take up additional certificate courses. For example, Ms. Krystal Quadros has completed a certificate course "Essentials of Complementary Feeding" from Cornell University, 2016. Ms. Abha Sardesai has completed the NQ (Nutrition Quotient) Professional certificate course organized by Indian Medical Association, Centre for Community Medicine (AIIMS) and Indian Dietetics Association (IDA)
- Advance learners are motivated to present papers at seminars and workshops at national and international level. In all there have been 44 presentations by students. **Annexure No. 10**
- They are also mentored on publishing their papers at third year B.Sc. and M.Sc. levels. In all students have published 30 papers. **Annexure No. 13**
- Advance learners at TY level are placed for internship with firms/ organization that offer more challenging opportunities
- Dept. of Computer Applications conducts one lecture a week for advance learners in English to enhance their communication skills
- Motivational prizes such as the 'Best students of the year awards' are given to students who excel in academic and co-curricular activities. Cash prizes are given on Independence Day to students who have topped in certain subjects and also those who have appeared on the University merit list.
- Students of B.Sc. Food Science and Nutrition, B.Sc. in Nutrition and Dietetics and M.Sc. in Clinical Nutrition and Dietetics are encouraged to aspire for the 'NARAM' awards instituted by the Association of Food Scientists and Technologists of India (AFST (I)) for students who score highest marks in Food Science and Nutrition at University level.
- First five students on the merit list of every class are given scholars cards from the library entitling them to the issue of additional books.
- Names of merit holders and student achievers are published prominently in 'Akanksha', our college magazine.

2.2.6 How does the institute collect, analyze and use the data and information on the academic performance (through the programme



duration) of the students at risk of drop out (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc. who may discontinue their studies if some sort of support is not provided)?

The collation of data on academic performance of those students at the risk of drop out is done by the admission committee, college office, class teachers, mentors and counselor.

- The College admits students from **NIOS (National Institute of Open Schooling)** who are slow learners, and are therefore at the risk of dropping out. They are provided with extra attention and are given topics that are simpler. Extra time is given to complete the paper during practical and theory exams. If the teachers recognize the possibility of such students dropping out, they are referred to the college counselor. Teacher -mentors monitor their progress and ensure that they attend class regularly. They are encouraged to hone their creative talents by participating in extra- curricular activities.
- The college has also admitted students with **learning disabilities such as dyslexia**. The college counselor is actively involved in ensuring the integration of these students into the normal college activities. The examination committee ensures that all the students of dyslexia are given extra time for answering papers. They are also encouraged to participate in all co-curricular activities.
- Faculty assist **married women (and mothers)** cope with the schedule of activities and also allow some flexibility if a family crisis arises. The counselor helps them with stress management and time management strategies.
- Special efforts are also taken to facilitate the learning experience of students **from non-English medium backgrounds** and to integrate them into all activities within the classroom. The college offers a paper in 'Lower Level English to help them improve their language skills. Remedial English classes are conducted thrice a week at First Year B.Sc. and B.C.A levels. Faculty use bi-lingual instruction to help them understand complicated topics.
- Class teachers identify students with **financial problems** and guide them to apply for freeships from the Students' Welfare Fund. Faculty have also stepped in to provide financial assistance. Students are given the provision to pay in installments.

2.3 Teaching-Learning Process

2.3.1 How does the college plan and organize the teaching, learning and evaluation schedules? (Academic calendar, teaching plan, evaluation blue print, etc.)

- The timetable and exam committee plans the academic calendar before the start of the academic year, keeping in mind the required norm of 180 working days in an academic year.
Heads of Departments and in-charges of all the committees are involved in the planning of the calendar which is posted on the website and printed in the college diary.



Faculty members prepare their individual tentative teaching plan at the beginning of each semester. The Head of Department monitors the required workload of the faculty.

- The exam committee displays the schedule of the exams and study leave dates on the students' notice boards. Examination dates are also given in the college diary. BCA dept. gives a semester planner to parents of first year students during the orientation program.
- The syllabus gives the learning objectives, detailed content, number of lectures allotted to the units and the evaluation patterns of prescribed subjects. Syllabi copy are available in the library. Evaluation patterns are explained during the orientation session for new students.
- The exam committee shares the evaluation blueprint which is clearly specified in the syllabi, as issued by the SNDTWU.

2.3.2 How does IQAC contribute to improve the teaching –learning process?

Members of the IQAC are actively involved in the quality control of the teaching, learning & evaluation processes. External members include eminent academicians such as Dr. Ravikala Kamath (Former BCUD director, SNDTWU), Prof Harshaben Parekh (Former head of SHPT School of Library Science) Dr. Vijayanti Ranade (Former Vice-Principal, Khalsa College) and Prof. Madhav Welling (Pro-Vice Chancellor NMIMS). They have offered invaluable suggestions on the dissemination of quality initiatives.

The IQAC has initiated the following mechanisms to monitor and evaluate teaching-learning processes:

- Teaching plans are reviewed periodically by Head of Departments. The teaching plans address the learning objectives as defined by the syllabi.
 - Departments submit an evaluative departmental report wherein teaching and learning processes are described in detail. The reports are interchanged and an inter-departmental audit is conducted and monitored by the IQAC. Feedback and suggestions for improvement are shared.
 - IQAC oversees submission of annual performance indicator (API) files wherein teachers give details of their involvement in teaching learning process. API forms are reviewed by the IQAC in July every year and feedback shared with faculty.
 - IQAC monitors analysis of data for KPI (Key performance Indicators) as required by the Government of Maharashtra.
 - IQAC conducts confidential self- appraisal process of faculty. Feedback is given by the Reporting officer (HODS) and the Reviewing Officer (Principal). The Principal discusses the outcome with individual teachers.
 - IQAC monitors student-teacher evaluation processes which are conducted for all teachers and all subjects twice in a year.
-
- Workshops have been organized on topics such as 'Classroom management' by Mrs. Margaret D'Costa on 28th October, 2015, and 'ICT techniques to enhance teaching-learning processes' by Dr. Geeta Thakur on 4th April, 2016.



Faculty are encouraged to take up quality assurance projects for the annual Best Quality Enhancement Technique (BEQET) competition of the National Centre for Quality Management. In doing so they learn to use structured quality improvement methodologies such as Root cause & Relentless root cause analysis techniques, such as Nominal Group Technique (NGT), Why-Verify-Why analysis and Differential Diagnosis Technique (K-T Method) (Please refer to 3.4.4)

2.3.3 How is learning made more student-centric? Give details on the support structures and systems available for teachers to develop skills like interactive learning, collaborative learning and independent learning among the students?

The policy of the institution is to provide ample opportunities to make learning student centric. Necessary structures and systems are in place to facilitate **interactive learning, collaborative learning and independent learning experiences**. Support is provided through provision of SMART enabled technology, Wi-Fi on campus, teaching aids, the latest in primary and secondary reference material, online databases, and an internet corner. Innovative methods are possible because of the average batch size of each specialization which is between 25 to 27 students, as well as the average batch size for tutorials and practical classes at FY level which is about 20 to 24 students.

Teachers incorporate **interactive and collaborative learning** using the following methods in the classroom: group discussions, presentations, debates, role-play dramatization, exhibitions, puppet shows, nutritional games, songs, poems and radio talk show. **Independent learning** among students is promoted through individual seminars, assignments, case studies, industrial visits, field visits, internship and research projects.

Different styles of learning are actively inculcated in students through a variety of subjects that are taught in an innovative manner, some examples of which are given below:

B.Sc. Home Science

Target group	Subject	Style of Learning
FY BSc	Soft Skills	Participatory, Interactive , Role play
FY BSc	Fundamentals of Food Science and Nutrition (Practical)	Collaborative/Cooperative/ Independent/Case based learning
FYBSc	Extension and Communication	Independent/Experimental/ Group Learning
FYBSc	Applied Science Human Physiology	Interactive/Collaborative/Cooperative/ Participatory/ Experimental learning

SY HD	Curriculum for Young Children	Visual, Auditory, Kinesthetic Learning
SYND	Human Nutrition	Interactive/ Collaborative/ Cooperative learning



SY & TY	Travel Management and Marketing Management, Food and Beverage Services, Basics of Food Production	Collaborative/ Participatory/ Active / Independent/ Blended learning
SY & TY TSAD	Fundamentals and Apparel Merchandising and Marketing/ Recent Advances in TSAD	Collaborative and Cooperative/ Active/ Blended/ Flipped Learning
SY & TY TSAD	Traditional Textiles and Embroideries of India	Experiential/ Blended Learning
TY TSAD	Wet Processing (Practical)	Collaborative/ Experimental & Experiential Learning, Case Based Problem Solving
TYFSN	Food Processing and Product Development (Practical)	Collaborative/ Interactive/ Cooperative/Flipped/ Experimental/ Experiential/ Blended Learning
TY HD	Guidance and Counseling	Mixed Lectures, Flipped Learning, Role Play, Presentation, Verbal Visual and Kinesthetic Learning
TYBSc	Professional Practices (Internship)	Hands on training/Experimental Learning
TYBSc	Recent Advances (Seminars)	Active/ Blended Learning

Department of Computer Applications

Target group	Course	Style of Learning
FYBCA	Linux	Interactive Learning
FYBCA	Business and Technical Communication Skills	Collaborative and Cooperative/ Participatory learning
FYBCA	'C' Programming Lab	Interactive/ Blended Learning
SYBCA	Introduction to Numerical Methods and Algorithms	Interactive/ Problem Based Learning
SYBCA	Database Management System Lab	Independent/ problem based learning
TYBCA	Internet Programming	Independent/ Problem based/Flipped/ Experimental Learning
TYBCA	Visual Database Programming Report Generations	Independent/Problem Based Learning
TYBCA	Enterprise Resource Planning	Collaborative/ Case Based/ Experimental Learning

2.3.4 How does the institution nurture critical thinking, creativity and scientific temper among the students to transform them into life-long learners and innovators?

The institution nurtures critical thinking, creativity and scientific temper



through several innovative methods.

Creativity is enhanced through the involvement of students in activities such as:

- Planning and organization of the annual 'Bal Mela' of the Dept. of Human Development; 'Tekzone' the annual intercollegiate technical event of the Dept. of Computer Applications; and the annual Restaurant 'set up' of the Dept. of Resource Management.
- Subjects like Traditional Textiles and Embroideries of India and Apparel Design offer tremendous scope to enhance creativity of students. Students participate in fashion shows to showcase their ability to innovate.
- Students are taught how to make short films and participate in nutrition related demonstrations on and off campus such as at Navy Nagar, and Chota Sion Hospital.
- Students of Nutrition and Dietetics have appeared on a special telecast on "Aamhi Sare Khavaye" on Zee TV Marathi on 7th Jan. 2015. Students are trained to write scripts for street plays and participate in radio shows under the subject of Media skills development. For example, on 4th October 2016, 12 students presented the following topics on All India Radio: (1) Trends and Addictions of current Life styles (2) A discussion on Suburban Trains pertaining to problems and comfort of women, and (3) A story by Munshi Premchand in narration form. The broadcast of these two programs was on 15th November and 22nd November 2016 respectively under All India Radio's Yuvavani program. Students received a remuneration of ₹ 1300 each for the same.
- In order to develop their English communication skills, students work on their creative writing skills through film and book reviews. They also participate in essay, debate and elocution competitions. Under the soft skills paper, mock interviews and group discussions are organized wherein students engage in role play.
- Science subjects are a part of the Home Science curriculum and subjects like Bio-Chemistry, Textile Chemistry, Wet Processing, microbiology are integral to developing a scientific temper.
- Food Science and Nutrition students are encouraged to innovate in the subject of 'Food Product Development'. 70 students from MSc CND participated in an initiative organized by AFST(I) Mumbai Chapter & ICT titled 'Food Technology Innovation IPL' in November 2016. They submitted innovative ideas on different food related themes. 13 students received prizes and the college was awarded a trophy for maximum prizes received.
- Students are also encouraged to participate in intercollegiate research competitions, and learn how to critically review literature in their respective subjects. Third year B.Sc. and M.Sc. students have presented papers at national level seminars and also published under mentorship of their teachers. **Annexure No. 13**

All of these participatory and experiential activities equip them with the required skills to become independent thinkers, competent communicators and lifelong learners.

Examples of some of the subjects and learning styles through which critical



thinking, creativity and scientific temper is inculcated in students

B.Sc. Home Science

Class	Course	Style of Learning
FY BSc	Design and aesthetics	Creativity
FYBSc.	Applied science and human physiology	Critical thinking and , Scientific temper
SY TSAD	Soft Skills Development	Critical thinking and creativity
SY & TY RM (HM)	Travel Management and Marketing Management, Food and Beverage Services, Basics of Food Production, Housekeeping & Ergonomics	Participatory/Active/ Independent/ Blended Experimental learning
SY HD	Curriculum for young children	Creativity
TY FSN	Food product development	Scientific temper
TYTSAD	Textile chemistry and wet processing	Creativity, Scientific temper

Department of Computer Applications

Class	Course	Style of Learning
FYBCA	‘C’Programming Lab	Critical thinking, Scientific temper Interactive Learning,
SYBCA	Database management system lab	Problem based learning
SYBCA	Introduction to numerical methods and algorithms	Critical thinking, Scientific temper
TYBCA	Visual database programming report generations	Problem Based Learning
TYBCA	Enterprise resource planning	Case Based Learning,
TYBCA	Internet programming	Critical thinking, Scientific temper

M.Sc. in Clinical Nutrition and Dietetics

Class	Course	Style of Learning
SY MSc	Scientific Writing	Critical thinking, Scientific temper
FY & SY MSc	Food Product Modification, Scientific Writing, Nutrition in sports & Exercises	Experimental Learning, Case studies, Analytical skill development, Scientific temper

2.3.5 What are the technologies and facilities available and used by the faculty for effective teaching? Eg: Virtual laboratories, e-learning - resources from National Programme on Technology Enhanced Learning (NPTEL) and National Mission on Education



**through Information and Communication Technology (NME-ICT),
open educational resources, mobile education, etc.**

Our parent body received a Corporate Social Responsibility grant for setting up of SMART classrooms on campus in 2015-2016. Dr. BMN College now has 4 classrooms equipped with advanced SMART technology and 1 classrooms with basic SMART technology facilities. There are two additional SMART classrooms on campus which are available for use by all departments upon request. In addition, all departments are provided with laptops and projectors (roaming units) and have access to Wi-Fi. Faculty direct students towards subject related resources on NPTEL and NME-ICT as well as open educational resources. Students have access to 4 computer labs with 25 terminals per lab, 5 internet terminals in the library as well as 8 terminals in the internet lab for self-paced learning and preparing projects and presentations.

The library subscribes to data bases such as N-LIST (INFLIBNET) and has institutional membership with American Library which allows access to a huge data base of journals and e-material. Faculty draw upon e-resources for preparation of teaching material. Specialization groups have been formed via social networking wherein hyperlinks, e-books, articles, slide share and you tube sites are shared.

Faculty are using M -communication to enable learning among students with SMART phones. Teachers from Computer Applications observed that while most of the students had android based cellphone with internet facility, they do not however have access to computers at home. They have therefore innovated by allowing students to use their cellphones for select subjects. Performance of students has shown a marked improvement as students are able to practice at home.

2.3.6 How are the students and faculty exposed to advanced level of knowledge and skills (blended learning, expert lectures, seminars, workshops etc.)?

Students:

- Students are exposed to advanced levels of knowledge through interaction with experts invited for guest lectures, workshops and seminars. Added inputs are given by our alumnae who are specialists in their respective areas. For example Ms. Ipsita Badani conducts training sessions on Basic Fashion Illustration and Coloring Techniques (2013-2014 TSAD Batch).
- T.Y B.Sc. and M.Sc. students are encouraged to attend national and international level seminars in their respective specializations and also join professional associations such as Indian Dietetics Association (IDA). For instance, they attended the 49th Annual conference of IDA hosted by Mumbai Chapter from 23rd to 25th September, 2016.
- SY RM students attend a one week workshop at Garware Institute of Career Development, Mumbai University for training in Galileo software required for the travel and tourism industry.
- Other venues for exposure to advanced levels of knowledge are internship in reputed companies, fieldwork in urban and rural centers, and industrial visits and study tours.



Faculty:

The Management and Principal encourage faculty to upgrade their subject knowledge. Faculty are deputed to attend UGC sponsored orientation and refresher courses, as well as short term training programs. They are also given duty leave to present papers at seminars as well as take up invitations as resource persons and keynote speakers. The seminar and workshop committee has organized 20 workshops in the last five years, and the college has hosted 3 National level seminars and 2 State level seminars. Subject specialization seminars have also been organized as follows:

- Seminar on “Nutritional advances in Bio molecules and Prebiotics” held on 7th September 2011 in collaboration with AFST(I) Mumbai chapter
- Seminar on “Impact of Nutrition on Diabetes & Cholesterol Management” organized in collaboration with Marico Industries on 1st September 2012.
- Seminar with Wool Research Association on ‘Sports Tech’ organized by Department of Textile Science and Apparel Design in collaboration with Wool Research Association/ Centre of Excellence for Sports Textiles of the Government of India, on 17th December, 2013
- Workshop on ‘Enhancing Language Teaching through e-resources’ organized by the English Department in collaboration with the American Library on 17th September 2014
- Seminar on “Opportunities in Sports and Technical Textiles” organized by Dept. of Textile Science and Apparel Design in collaboration with Wool Research Association/ Centre of Excellence for Sports Textiles of the Government of India on 31st August, 2015

Staff are members of Board of Studies of their respective faculties of SNDTWU as well as other universities and this gives them an insight into developments and advances in the curriculum for details please refer to 1.1.6. They also network with the industry through collaborative projects (for details please refer to 3.1.10) and professional bodies such as Association of Food Scientists and Technologists of India (AFSTI), Protein Foods and Nutrition Development Association of India (PFNDAI), Indian Dietetics Association, Textile Association and Wool Research Association. Faculty are on the editorial board and have been peer reviewers for the *Journal of Human Ecology*, *Science International Domain Journal*, *Journal of South Asian Diaspora*, *Journal of Medicine and Allied Health Science*, *Research Reach Journal of Home Science*.

2.3.7 Detail (process and the number of students \benefitted) on the academic, personal and psycho-social support and guidance services (professional counseling/ mentoring/academic advise) provided to students?

- F.Y B.Sc. and F.Y B.CA students are allotted a teacher mentor for a batch of 25 students. The mentor counsels students on difficulties faced college



or at home. F.Y and S.Y students also have class teachers with whom they can seek one-to-one interaction for personal or academic issues. From the IV semester onwards, HODs and departmental teachers act as mentors.

- A full time qualified counselor on campus is available 6 days a week from 9.00 to 3.00 in a specially designated area on the 4th floor. The counselor conducts need based sessions for students on important topics like stress management, time management, group dynamics, team work and life skills. The counselor meets the mentoring committee twice in a semester.
- Dr. Chandralekha Venkateshan is a doctor on campus at 2nd floor counselor's room (Samavedna Centre) of the Smt. M.M.P. Shah College building
- Psycho-Social Counseling is given through sessions organized under Jagar Janivancha Abhiyan on gender related issues. There are modules on self-esteem and positive thinking as part of the personality development classes. An annual workshop is organized on pre-marital counseling and reproductive health. Nutritional counseling is done by faculty of the FSN department and through awareness programs conducted during nutrition week in the first week of September. A life skills course based on Gandhian values is conducted at second year level for B.Sc. students.

2.3.8 Provide details of innovative teaching approaches/methods adopted by the faculty during the last four years? What are the efforts made by the institution to encourage the faculty to adopt new and innovative approaches and the impact of such innovative practices on student learning?

Our faculty are constantly adopting innovative approaches to enhance the learning processes of students. This is facilitated through the provision of a well-equipped library, SMART technology enabled classrooms and access to Wi-Fi facilities. The college has 5 computer labs wherein students can access 138 terminals as well as an internet corner. Teachers can therefore make use of ICT enabled software. The provision of LCD screens facilitates the screening of films especially for subjects such as English communication skills, Women's Studies, Media skills and Environmental studies.

One of the special features of the Home Science curriculum is its practical component wherein students gain hands-on training and enjoy experiential learning. Under the department of Textile Science and Apparel Design, lectures are supplemented with field visits to weaving units, Texan laboratory and Central Institute for Research in Cotton Technology (CIRCOT).

Similarly, for the subjects 'Introduction to Needs of Special Children' and 'Child Welfare' under Human Development, field visits are planned to organizations dealing with the differently abled children and disadvantaged children. Students are also taken on guided visits to schools for tribal children in rural areas, and centres for street children. In subjects related to Food Science and Nutrition, learning experiences include planning cooking demonstrations in the community, visits to food laboratories and dietetic departments of hospitals. Students of Hospitality Management are taken on visits to five star hotels to understand subjects of housekeeping and services. They receive skills development training under an unique Government of India scheme 'Hunar se Rozgar'. Second year students attend a one week workshop at Garware Institute



of Career Development, Mumbai University. The main objective of this workshop is to give students hands on experience of using Galileo software.

Innovative teaching methods have been taken up by all the departments. Given below are at least one example from each specialization.

Human Development:

Students of Human Development have the opportunity to participate in an ongoing student exchange Program with Department of Psychology of Smt. MMP Shah Women's College of Arts & Commerce. The program has been in place from 2013 onwards.

'Balmela' is an annual event conducted by the Department of Human Development. Final year students have a paper on 'Curriculum development' and this mega event gives them experiential, participatory and cooperative learning experiences. Students organize the two day event and learn to translate their theoretical knowledge into practical outcomes.

Students of Human Development also have subjects of counseling and family dynamics. As part of their learning experience, the dept. involves students in an annual seminar on pre-marital counseling wherein students interact with eminent doctors and experts from the faculty of counseling and reproductive health.

Resource Management:

A unique and attractive restaurant set up has been provided as part of the hospitality lab. The facility is used to train students on skills required under food and beverage services. The lab is planned as a proper restaurant setting with formal arrangements and required cutlery and crockery. Students are trained in Food and Beverage Services (SY level) and Basics of Food Production (TY level). As part of their formative assessment, they manage a restaurant setup for a day wherein students cater to invited guests on specific themes such as 'Desi Tadka', 'Canacona' and 'Bon Appetite'.

Textile Science and Apparel Design

Under the subject of 'Traditional textiles and embroideries of India', students are directed towards secondary sources on traditional textiles of India, including websites and youtube videos. They present their projects to their peers. Faculty facilitate their access to actual samples. Students are taken to exhibitions and on study tour for first hand observation. In March 2012 and October 2013, they visited textile manufacturing units and museum at Silvassa Dadra & Nagar Haveli. In January 2016, they were taken to Kutch to visit Kutch Handicrafts Craft Park, Kutch Museum and Bhujodi Village for Rogan art. Their contact with the artisans makes learning more meaningful and memorable. Having imbibed the required knowledge, students display and model textiles through a fashion show.

Under the subject of 'Recent advances in Textile Science and Apparel Design', TY students conduct surveys using tools like 'survey monkey' for online data collection. They also access you tube and e-resources for compilation of photographs and film clippings. Under the subject of 'Fabric Construction and Analysis', students are taught practical weaving of samples of different weaves, and analysis of actual commercial samples through looms in the textile lab.



Faculty have uploaded Ppts on slide share and share URLs with students on shuttle less weaving. The main emphasis of the subject 'Fabric ornamentation and accessory designing' is value addition to a garment or article. Faculty plan their teaching strategies so as to bring out the creativity of students. Students use their creativity to make articles from left over materials. All these articles were displayed, appreciated by visitors and sold during college biennial exhibition. Students learn the skills required to start their own ventures of making jewelry, fabric painting, and accessory designing.

Food Science and Nutrition:

Under the subject of 'Food product development' in the VI Semester, TY students learn how to develop and standardize an innovative, nutritious food product. Students are also taught additional aspects such as nutritional labeling, packaging, budgeting, shelf life studies and marketing. This helps towards the creation of a research culture as well as enhancing entrepreneurial skills among undergraduate students. Students also participate in an ongoing joint programme taken up with LTMG Hospital at Chota Sion Hospital to teach the mothers of children under the age of five nutritious recipes. In this manner, they gain practical experience in counseling on diets for pregnancy and lactation, breast feeding and hygienic practices.

Students of Nutrition and Dietetics are given innovative assignments such as arranging demonstrations on low cost healthy recipes for our non-teaching staff members. They also prepare bulletin boards on the importance of breakfast. Similarly students have conducted a workshop on nutrition for menopausal women on 17th March 2016 at Navy Nagar. They also perform street plays on campus on health related topics such as prevention of diabetes and oral cancer.

The college conducts Nutrition week activities and Women's day events, in collaboration with Marico Industries. As part of the learning process, M.Sc. students are divided into groups with specific responsibilities. Each group conducts competitions for their peers on topics related to good nutrition. Eminent speakers are invited to speak on select topics and a review paper writing competition is conducted.

Computer Applications:

Teachers from Computer Applications observed that while most of the students had android based cellphone with internet facility, they do not however have access to computers at home. They have therefore innovated with allowing students to use their cellphones in the following manner: Use of internet (website) in the cellphone for the practicing of SQL Queries, and use of App on android based cellphone for C++ programming (CPPDOIRD) and microprocessor lab (Intel 8085 Simulator), SQL Lab (PatronDB, W3SchoolSQL. Performance of students has shown a marked improvement as students are able to practice at home as well.

Faculty have devised engaging learning methods for FY BCA students who are from a non-math background such as tricks to do simple calculations, guest lectures on Vedic mathematics and quiz & puzzles to develop logical thinking. Under the System Analysis & Design (SSAD) & Management Information System (MIS), SY and TY BCA students are evaluated through projects and presentations for the same. Students are guided on how to approach IT



companies, gather subject-related information and its practical implementation, analyze and present the information in the form of a case study to the evaluators.

Foundation courses:

First aid is a part of applied science curriculum at FY level. It is taught in an innovative manner through a demonstrative and participatory workshop conducted in collaboration with the SMES College of Nursing.

Strategies are used to help students from non-English medium background to improve their reading skill speed reading practice is given in the classes. Students are encouraged to read at least two books per semester and write a book review. The fiction collection in the library has been enhanced so as to cater to the needs of different reading levels. Students are introduced to the concept of e-book since there are several books which can be accessed on smart phones.

Career oriented program (COP)

Students of COP in Physical Fitness and Weight management are trained in the college gym, on how to conduct a physical fitness test for a period of one month. They practice how to take anthropometric measurements, and calculate BMI (Body Mass Index). Students are then given on-field experience of using this knowledge by conducting a fitness tests for participants of the college annual personality contest.

Students of the COP in Event Management get hands- on skills training in how to organize major events. The college has been sending students to work in the annual international event 'India Leadership Forum' organized by NASSCOM for the last four years. They are trained for different roles on the pre-event day, and allotted duties at the registration desk and media counters. Students have received remuneration for their effort.

Impact:

The use of innovative methods have led to an enhanced learning experience. Though interaction with experts from the field, students become aware of the latest developments in their respective specializations. Their curiosity is aroused through experiences of independent learning. They develop analytical skills and begin to enjoy the learning experience. They simultaneously develop practical skills required for their specializations along with soft skills which enhance their employability. Given exposure to a plethora of activities, they develop interpersonal skills through participation in various events organized during the academic year.

2.3.9 How are library resources used to augment the teaching- learning process?

The librarian conducts orientation sessions and is visible through her presence in student based activities such as the mentoring committee and Gandhian Studies Centre. Students therefore feel comfortable to approach her for assistance in their learning processes. The library has a comprehensive collection of latest books, print journals and also online journals for all the areas under Home Science and Computer Applications. The library builds up its primary and secondary material based upon the recommendations of teachers. A book exhibition is organized annually for staff and students wherein book distributors display a wide range of recent publications for perusal of faculty and students. Display of books on specific topics in the library is arranged on



request from faculty. Faculty and students can communicate their requirements during the meetings of the library committee

The library offers access to the INFLIBNET and SNDTWU database, as well as institutional membership with the American Library. Students have access to 5 internet- terminals and can also access WI-FI via. their laptops. Upon suggestion of the NAAC peer team, the library offers open access to postgraduate and final year undergraduate students as well as students with scholars' cards. The library provides book bank services, and also has a collection of films on DVDs and CDs as well as language games. Extra scholar cards are provided to the first five students on the merit list of each class. M.Sc. dissertations, minor and major research project reports, question papers, seminar and internship project reports are available as part of the institutional repository.

2.3.10 Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If 'yes', elaborate on the challenges encountered and the institutional approaches to overcome these.

Each teacher prepares a teaching plan at the beginning of the semester, keeping in mind the academic calendar. Midway in the academic term, the Head of Department reviews the portion completed as per the guidelines of the syllabus. Rescheduling of teaching plans may be necessitated sometimes due to duty leave given to staff to attend workshops, refresher courses and conferences or leave for personal reasons. In which case, the teacher adjusts the teaching schedule by way of exchange of lectures with other teachers, or taking extra lectures missed in that period, so that the curriculum is completed on time. The adjustment plan is recorded in a log maintained by the exam and time table committee. Substitutes are appointed to ensure timely completion of syllabus when teachers go on long leave.

2.3.11 How does the institute monitor and evaluate the quality of teaching learning?

Assessment of the quality of teaching and learning is done at the end of every semester by means of the student-teacher evaluation process. From 2016, the student teacher evaluation process has been computerized and the data is processed by software developed by the Dept. of Computer Applications. The computed results are shared with individual teachers in confidence by the Principal. The aim of the process is to offer constructive feedback and to enable teachers to improve upon their teaching –evaluation processes.

The Head of the Departments offer feedback on the performance of faculty in their department through the confidential annual performance appraisal form. The Principal, in turn, reviews the confidential reports. The appraisal of the Head of Departments is done by the IQAC coordinator and the Principal. Feedback is given in writing of positive contributions as well as areas for improvement.

Other systems of monitoring and evaluating quality of teaching include the following:



- The Heads of Department reviews the teaching plans of the teacher so as to monitor the teaching quality of particular subject.
- PTA meetings held twice a year offer an opportunity for parents to give informal feedback on the quality of teaching/ learning /evaluation.
- Examination results are discussed during the internal quality circle meetings with the objective of identifying ways of improving the academic performance of students.
- An Interdepartmental audit is conducted to encourage colleagues/peers to offer constructive feedback on the quality of teaching/learning processes
- Students offer feedback during student council meetings and informal meetings with the class teacher or Head of Department

2.4 Teacher Quality

2.4.1 Provide the following details and elaborate on the strategies adopted by the college in planning and management (recruitment and retention) of its human resource (qualified and competent teachers) to meet the changing requirements of the curriculum

Recruitment: The aided section of Dr. BMN College has a sanctioned strength of 17 faculty members, and all posts have been filled with competent and qualified staff members. Four appointments have been made in the last four years for the posts of assistant professors in Resource Management, Textile Science and Apparel Design, and Science. Selection procedures were followed strictly according to Government norms. NOCs were obtained from the Joint Director of Higher Education's Office and the posts were advertised in newspapers.

The appointment of faculty to unaided sections (BCA/B.Sc. in Nutrition and Dietetics/PG Diplomas/M.Sc. Program) is also done according to University norms. The Management has appointed the required number of staff and their salary is paid on time. Additionally, quality in teaching is maintained by inviting experts from the field for guest lectures/workshops as per the requirements of the curriculum.

Retention: The fact that the institution has retained the majority of its staff over the last 20 years, especially of unaided courses, is evidence of the congenial work culture which offers several opportunities for professional growth. The Management and Principal encourage faculty to continuously upgrade their knowledge base, and duty leave is granted for participation in seminars, workshops and training programs. At least one workshop in a semester is organized for faculty upgradation (for details please refer to 6.3.1).

Qualification of Teaching staff of Aided Program: B.Sc. in Home Science:

Sanctioned Posts 17: Principal, Librarian and 15 Faculty

Highest qualification	Principal	Professor		Associate Professor		Assistant Professor/ Coordinators		Total
	Female	Male	Female	Male	Female	Male	Female	
Permanent teachers								
Ph.D.	1	-	1	-	3	-	1	6



M.Phil./PG	-	-	-	-	4	1	6	11
Temporary teachers								
Ph.D./M.Phil./PG	-	-	-	-	-	-	-	-
Part-time teachers								
Ph.D./M.Phil./ PG	-	-	-	-	-	1	-	1

Faculty appointed by Management (Unaided)

	Computer Applications (BCA)	M.Sc. in Clinical Nutrition and Dietetic	B.Sc. in Nutrition and Dietetics
Full time	12	3	2
CHB	1	4	-
Part time	1	-	3

2.4.2 How does the institution cope with the growing demand/ scarcity of qualified senior faculty to teach new programs/ modern areas (emerging areas) of study being introduced (Biotechnology, IT, Bioinformatics etc.)? Provide details on the efforts made by the institution in this direction and the outcome during the last three years.

Experts from the industry, senior academicians and alumnae are invited to conduct sessions on new components in specific areas of the curriculum, whenever required. For example, computer applications is a fast evolving field and hence the department has introduced a healthy practice wherein 5% of the syllabus is taught by resource persons from the industry. Similarly, the postgraduate course in Clinical Nutrition and Dietetics requires inputs from doctors and highly qualified nutritionists. A list of experts who have been invited is available in Criteria 3, as also in the department evaluative reports. Faculty are encouraged to attend training programs, seminars & workshops to upgrade their knowledge base. They are also encouraged to enroll for their Ph.D., and apply for UGC Minor research projects.

There are 5 self-financing courses offered on campus. Each course has a coordinator and the required number of staff members has been appointed by the Management to ensure that the course is conducted effectively. Departments coordinate with in-house faculty to share their expertise on subjects such as women's studies, nutrition, soft skills and computers.

2.4.3 Providing details on staff development programs during the last five years elaborate on the strategies adopted by the institution in enhancing the teacher quality.

a. Nomination to staff development programs:

Academic Staff Development Programs	Number of faculty nominated
Refresher courses	4
HRD programs	6
Orientation programs	5



Staff training conducted by the university	35 (ICT Training) 3 (Master Trainers Program in ICT)
Staff training conducted by other institutions	1 ('Train the Trainers Program in Global Business Foundation Skills' organized by SNDTWU in collaboration with IT-ITES Sector Skills Council NASSCOM)

Faculty training programs organized by the institution to empower and enable the use of various tools and technology for improved teaching-learning:

- Dr. Jayashree Shinde (HOD, Educational technology, SNDTWU) conducted an interactive workshop on ICT Teaching Training Techniques on 11th August 2011. 35 staff members attended the session. Dr. Shinde highlighted various e- learning tools such as portals, web pages and virtual classrooms.
- Mr. Shahajahan Khan (Coordinator, Dept. of Computer Applications) conducted an in-house training program on use of Microsoft Excel for 30 faculty members from 6th to 9th August, 2012.
- 35 faculty members attended a 7 day training program conducted by Dept. of Educational Technology, SNDTWU in collaboration with the Commonwealth Association, Canada, from 15th to 20th April 2013 on 'Integrating ICT in Higher Education'.
- Mr. Abdul Rahman (Faculty BCA) oriented staff members on 'Knowing the BMN Website' on 6th August 2013. Follow up workshops were organized in April 2015 and April 2016. Faculty have been given passwords wherein they can upload information onto their department pages.
- Mr. Shahajahan Khan conducted a session for 18 BCA staff on 'Learning Graphics with CorelDraw' on 7th and 8th August, 2013 and Mr. Abdul Rahman conducted a session on Hypertext Pre-processor for BCA staff members from 14th to 18th October, 2013
- A workshop on 'Enhancing Language Teaching through e-resources' was organized by the English Department in collaboration with the American Library on 17th September 2014
- Librarian Mrs. Vidya Subramanian conducted a session on 'Use of ICT for Research' for 30 faculty on 1st August, 2014.
- A workshop on ICT for teaching and learning was conducted for 30 teaching staff on 4th April, 2016 by Dr. Geeta Thakur (Faculty, Dept. of Education, Pillai College of Education and research). The focus was on ICT teaching aids such as Poster4teachers, learnboost and engrade.

Handling new curriculum:

- A workshop on "Restructuring the Home Science Syllabus" was organized on 6th and 7th April 2012 to plan the template of 120 credits for six semesters of the B.Sc. program.
- A workshop on major changes in the curriculum and modular structure at University level was hosted on 5th Feb 2013
- 8 faculty members attended a brain storming session on revised modular based structure on 13th & 14th August 2012 at SNDT, Pune.
- A workshop on choice based credit systems was organized for faculty from SNDT Women's University colleges on 28th April 2014.



Content/knowledge management:

- Faculty have prepared question banks for their respective specializations. They have also attended subject related refresher courses, as well as seminars at national and international levels.
- A session on 'Classroom Management' was conducted by Mrs. Margaret D'Costa on 28th October, 2015.

Selection, development and use of enrichment materials

The following manuals have been developed by faculty:

- Manual for textile testing by Dr. Shilpa Charankar
- Advanced chemistry manual by Mrs. Amruta Sapre
- Lab manual on Internet Programming for BCA section by Mr. Shahajahan Khan
- Maths manual by Mrs. Kavita Karapurkar
- Java programming manual by Mrs. Sharada Sirisilla
- Fieldwork manual for HD students, by Mrs. Alka Pant and Dr. Kirti Pathak
- Personality development workbook by Mrs. Usha Kumar
- Book on extension education by Mrs. Alka Pant
- Publications on Nutritious and Healthy recipes by Ms. Amita Chedda and Mrs. Monika Mhatre

Assessment:

The Examination committee has compiled a manual which provides information on assessment procedures. Workshops on question bank and evaluation patterns have been organized as follows:

- Workshop on new evaluation patterns and question banks by Dr. Madhura Kesarkar, Director BCUD, SNDTWU and Dr. Ravikala Kamath, Ex Director, Dept. of PGSR, Juhu, on 19th Nov. 2013.
- Workshop on question banks for V & VI semester subjects organized for faculty of SNDTWU colleges on 3rd Aug. 2015.

Cross cutting issues:

- A workshop on research funding agencies by Principal Dr. Shilpa Charankar on 10th April 2012.
- Orientation to the API/PBAS appraisal system by Dr. Deepa Sharma (Principal, M.D Shah College Malad) on 10.07.2012.
- Session titled 'A Date with oneself' by Mr. Viren Sanghvi (Motivational Speaker) on 11.08.2012
- Workshop on 'Health and fitness' by Ms. Ruchira Tendolkar (Health and Fitness trainer) on 03.04.2014-04.04.2014
- Workshop on 'Green Audit' by Fr. Allwyn D'Silva on 16.09.2014
- Session on 'Cyber Crime' by Mr. Sachin Dedhia (Mumbai Cyber Safety Cell) on 15.12.2014
- Session on 'Academic and Scientific writing' by Dr. Padma Prakash (Tata Institute of Social Sciences) on 17.10. 2016
- **Audio-visual aids:** A training session on use of interactive boards and SMART Technology was organized on 8th September, 2016.

Participation of faculty in Workshops/Seminars and conferences



Details (No. of times that faculty have been invited/ participated/ presented)	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
Invited as resource persons in Workshops / Seminars/Conferences organized by external professional agencies	12	8	5	5	7
Participated in external Workshops/ Seminars/ Conferences recognized by national/international professional bodies	18	22	13	23	38
Presented papers in Workshops / Seminars / Conferences conducted by external professional agencies	11	21	28	22	45

2.4.4 What policies/systems are in place to recharge teachers? (eg: providing research grants, study leave, support for research and academic publications teaching experience in other national institutions and specialized programs industrial engagement etc.)

- The college deputed teachers to enhance their knowledge base and skills by attending conferences, seminars and training programs. On an average 90% of the faculty have participated in these activities over the last five years.
- Faculty are encouraged to complete their orientation and refresher programs in time in order to qualify for CAS/PBAS promotion (please refer to 1.1.3).
- Teachers are encouraged to undertake minor research projects. The college ensures the timely dispersal of funds from grants allotted by the UGC and other funding agencies.
- College has organized the following seminars:
 - Dept. of Food Science and Nutrition organized a seminar on “Nutritional advances in Bio molecules and Prebiotics” on 7th September 2011 in collaboration with AFST (I) Mumbai chapter.
 - Dept. of Textile Science and Apparel Design organized a two-day National level Seminar on “Apparel Merchandising Management” on 12th and 13th January 2012.
 - Smt. Kamlaben Gambhirchand Shah Department of Computer Applications conducted a UGC Sponsored State Level Seminar –cum-Workshop on “e-Crime & e-Security” in association with “The Eagle Eye” on 20th and 21st February 2012.
 - Dept. of Resource Management organized a UGC Sponsored Two Day National Seminar on Sustainable Tourism on 9th and 10th January, 2015 in collaboration with Maharashtra Tourism Development Corporation
 - IQAC organized a NAAC sponsored National Seminar on “Strategies for Implementing Best Practices in Teaching –Learning and Evaluation” on 2nd and 3rd March 2016.
- Faculty receive financial support for the registration fees for professional up gradation workshops as well as attending national and international seminars/ conferences (Please refer to 1.1.3).
- 3 teachers who have availed of UGC travel grant have been granted duty leave for the same.



- Circulars from research funding agencies such as UGC, ICSSR and Fulbright Foundation are displayed on notice board and there is transparency in information dissemination of research opportunities.
- College facilitates the sanction of UGC faculty improvement program for pursuing Ph.D. Three teachers have received the same.
- Sessions are organized for the personal well- being of staff members on topics such as yoga and fitness.
- Teachers are felicitated in recognition of their publications and presentations at international and national level on occasion of Teachers' day in the presence of the Management and eminent guests.
- Faculty who have received recognition to teach at postgraduate level are encouraged to teach at postgraduate departments of SNDTWU as well as other universities.
- Teachers are invited as resource persons for workshops, seminars and conferences (Please refer to 2.4.3)
- Management provides financial support towards the publication of the college journal *Ideas*.
- Infrastructural support is extended through facilities like food labs, textile labs and hospitality management labs.
- Faculty are encouraged to take up quality initiative projects and to present them during the 'Best quality enhancement technique competition' organized by the National Centre for Quality management (NCQM) (Please Refer to 3.4.4).

2.4.5 Give the number of faculty who received awards / recognition at the state, national and international level for excellence in teaching during the last four years. Enunciate how the institutional culture and environment contributed to such performance/achievement of the faculty.

International Level:

Name of Faculty	Details	Year
Prof. Mala Pandurang (Vice-Principal/IQAC coordinator)	'In-UK Research Grant from the Charles Wallace Foundation for research at the British Library, London.	2012
	External evaluator of post-doctoral fellowship applicants to BEIPD-COFUND, University of Liege, Belgium, and evaluator of post-doctoral research grants to the South African National Research Foundation.	2014-2016
	Nominated as representative of SNDT Women's University to attend 'First Global Alliance on Media and Gender' organized by UNESCO at the Palais des Nations, Geneva.	2015
	Short term research grant from the Alexander von Humboldt Foundation (Bonn) for a month stay at University of Chemnitz, Germany	2016



National Level:

Name of Faculty	Details	Year
Dr. Shilpa P. Charankar (Principal)	Awarded 'Fellow of the Textile Association (FTA)' by The Textile Association India	2016

State Level:

Name of Faculty	Details	Year
Prof. Mala Pandurang	Received the SNDT Women's University 'Maharshi Karve Utkrushta Shikshak Puraskar' (Best Teacher Award) for 2013-2014 from the Governor of Maharashtra Shri Sankaranarayanan	2014
Dr. Shilpa P. Charankar (Principal)	'Best Woman Achiever Award' from the Nehru Yuva Kendra, Mumbai Govt. of India	2016

Other Awards:

Name of Faculty	Details	Year
Mrs. Anuradha Shekhar (HOD, Food Science and Nutrition)	Felicitated by Lions Club of Sion for her dedicated service in the field of Education	2012
	Felicitated by Lions Club International District 323 A1 in recognition of 'Dedication, devotion and services rendered in the field of Education', at Colaba	2012
	Awarded 'Shiksha Ratan Puraskar' - a certificate of Excellence and a trophy for meritorious services by Dr. Bhisma Narian Singh, Former Governor, by India International Friendship Society, New Delhi	2012
Dr. Rashmi Vyavaharkar	Received the 'Par excellence award' from Pathare Prabhu Charities in recognition of her PhD	2012
	Received a Silver Medal from Pathare Prabhu Mahila Samaj	2013
	Awarded a certificate of appreciation from Lions Clubs International, District 323 A1 for her dedicated service to the field of education	2014
Dr. Rashmi Vyavaharkar and Mrs. Alka Pant	Felicitated on occasion of Teacher's Day by NGO Shraddhanand Mahila Ashram	2013
Mr. Shahajahan Khan	Awarded a certificate of appreciation from Lions Club, Sion for his dedicated service to the field of education	2014
	Teaching Excellence Award 2015 from Lions Club International District 323-A1 for his dedicated service to the field of education	2015



Mrs. Sugandha K. Lad	Felicitated by Shraddhanand Mahila Ashram on Teachers' Day for her contribution to social welfare through NSS activities for their Ashram.	2015
Dr. Kirti Pathak	Felicitated by Shraddhanand Mahila Ashram on Teachers' Day for her contribution to social welfare	2015

The institutional culture is an open and transparent one. Faculty are encouraged to do their best and to consider themselves as an integral part of the college. The Principal and the entire institution feels a pride in the various achievements of our faculty members.

The Management expresses appreciation during weekly meetings and Governing council meetings, and by felicitating teacher achievers on occasion of Teachers' day on September 5th every year.

The institutional policy is to encourage constant professional and personal growth. Faculty are encouraged to take up invitations as resource persons to various institutions. They also serve on the BOS and staff selection panels of SNDTWU and other universities. Teachers share their experiences during staff meetings and set a benchmark for others to aspire towards. A number of workshops are organized on campus to enhance the learning experience and skill development of teachers. Faculty are encouraged to apply for minor and major research projects and enroll for their Ph.D. They are encouraged to start short term courses through IGNOU and are motivated to become coordinators for short certificate courses such as 'Kshrujan' and Pre-Crèche training program. They also actively participate in community based projects such as THRED intergenerational interactions, and income generating projects for marginalized sections of society.

2.4.6 Has the institution introduced evaluation of teachers by the students and external Peers? If yes, how is the evaluation used for improving the quality of the teaching-learning process?

- Students assess teachers for all theoretical and practical subjects at the end of every semester. Evaluation is through a questionnaire based on the following parameters: communication skills, subject knowledge, use of innovative teaching methods, interpersonal skills and class room management skills. The feedback is tabulated through software devised by the computer department. Teachers have a one-to-one meeting with the Principal who discusses the feedback given by students, in confidence. Teachers are counseled on how to improve quality of teaching-learning.
- All faculty submit their Academic Performance Indicator (API) files at the end of the academic year. The validity of the information submitted is reviewed by the IQAC, particularly in terms of questions on teaching-learning strategies and also co-curricular activities.
- During the annual inter-department audit, teaching-learning processes of departments are evaluated by members of a twinned department.
- The annual AQAR report is sent to the external members of the IQAC for feedback, which is then shared during the annual IQAC review meeting. IQAC external experts have given invaluable inputs on improving feedback



mechanisms.

- Faculty who have undergone promotion through CAS/PBAS have also been subject to evaluation by external peers

2.5 Evaluation Process and Reforms

2.5.1 How does the institution ensure that the stakeholders of the institution especially students and faculty are aware of the evaluation processes?

- The academic evaluation processes are determined by SNDTWU and is clearly stipulated in syllabus of each course.
- Students and their parents are informed about the credit system, grade system, evaluation system and rules for passing during the orientation to the course.
- The methods of formative assessment are shared by subject teachers when assignments are given in the class.
- Guidelines for evaluation for seminar presentations are prepared by the respective departments and shared with students.
- Guidelines for evaluation of internship report is prepared by the respective departments and shared with external members of jury invited to assess the same.
- A detailed evaluation format for continuous evaluation of each practical subject is prepared by the respective departments.

2.5.2 What are the major evaluation reforms of the university that the institution has adopted and what are the reforms initiated by the institution on its own?

The institution follows the evaluation reforms and continuous assessment / grading system of the SNDTWU. The syllabi for B.Sc. and B.C.A was restructured and the modular format introduced in 2012-2013. Grading patterns were revised in 2016. The syllabi emphasizes on continuous evaluation and formative assessment for 25% of the total marks. Innovative methods for continuous assessment include group and individual projects, presentations, quizzes, dramatization and book reviews. Unit tests are conducted to hone the writing skills of students. Industry experts are invited to evaluate internship/subject presentations

Re- tests are conducted for students who have missed tests and submission dates because of their participation in extra- curricular events and competitions, as well as absence due to medical reasons. Teachers evaluate the student's performance after every practical. If the teacher finds the student slow or below average in the performance in a particular practical, the student is given extra guidance and support.

2.5.3 How does the institution ensure effective implementation of the evaluation reforms of the university and those initiated by the institution on its own?



The examination and time table committee of the college works towards the effective implementation of the evaluation reforms of the university. The institution follows University regulations during conduct of college level exams as is the norm. The committee has formulated a handbook for ready reference of rules and its effective implementation. Circulars and changes in examination rules are communicated immediately to the faculty and displayed on the examination committee notice board.

Evaluation reforms of the university.

SNDTWU reviewed its B.Sc. Home Science and BCA programs in 2012 and 2013 respectively so as to implement uniform 120 credits across board. The semester system is followed with continuous evaluation in the form of formative (25%) and summative evaluation (75%). The institute follows this pattern at first year level for college level exams (i.e. SEM. I and II), and conducts formative (25%) evaluation for SY and TY level in semesters III, IV, V & VI. Summative evaluation for semesters III, IV, V & VI is done by SNDT Women's University.

Initiatives taken by the university and implemented by the college

- Students are guided on the online registration process wherein the Maharashtra Knowledge Commission Limited (MKCL) allots every student a unique number upon admission.
- Every subject is allotted a unique examination code. Faculty has played an active role in streamlining this process for the SNDTWU.
- Faculty have been appointed as CAP coordinators of the University exams and are therefore well versed with the system.
- The examination cell has been set up on the 4th floor which is secured and under CCTV surveillance. The examination committee has designated members of the non-teaching staff for the smooth conduct of the examinations.
- Examination papers are delivered online. The college has the required infrastructure and facilities to download the question paper and to make arrangements for required copies immediately.
- College level exams for B.Sc. and BCA sections are conducted simultaneously to ensure smooth implementation of the academic calendar.
- All rules and regulations are displayed on the notice board for students. Issues of unfair practices and subsequent punishment are discussed during PTA meetings.
- The schedule of the internal and final semester exams is displayed in advance on the staff boards at the start of the academic year. Schedules for the exams are also mentioned in the college diary and the college calendar which is uploaded on the college website.
- Faculty enter the internal marks online for the university papers. They also enter the marks onto excel sheets for college level exams. This has helped to reduce the average time taken by the administrative section for declaration of results, and reduce margin of error in calculations.

2.5.4 Provide details on the formative and summative assessment approaches adopted to measure student achievement. Cite a few examples which have positively impacted the system.



Formative assessment is for 25% of the total marks for B.Sc. and BCA students, and 50% of the total marks for M.Sc. and PG Diploma students. Formative evaluation methods include class tests, project presentations, book reviews, surveys, reports of industrial and field visits, seminar presentations and internship reports. Summative evaluation is conducted at the end of each semester for 75 % of the total marks for B.Sc. and BCA and 50% for M.Sc.

The college conducts summative assessments for semesters I & II, while exams for III, IV, V and VIth semesters are conducted by the University. The overall result is based on the performance of student in internal tests and the external examination. The positive impact of formative assessment can be seen in improved attendance of students who realize the importance of attending class for continuous assessment. The practice allows for the teachers to identify the weak and the advance learners of the class. This in turn enhances teacher-student communication. Innovative assignments enhance their creativity and create an interest in the subject. Students become independent learners and this leads to an increase in self-esteem and confidence levels.

2.5.5 Detail on the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weightages assigned for the overall development of students (weightage for behavioral aspects, independent learning, communication skills etc.

The college ensures rigor transparency in the internal assessment process as follows

- Internal tests are conducted as per the schedule fixed by the exam committee and also according to pre-defined dates by subject teachers. Written unit test papers are shown to students for their review. This ensures transparency in assessment of papers.
- Internal marks are shown to the students before they are submitted to the University. If the same subject is taught by more than one teacher, the question paper is set together to ensure that all portion is included.
- Guidelines are in place for seminar/group project/internship report presentations. Seminar presentations are assessed by two teachers of the department to ensure impartiality. After evaluation, marks assigned for projects are discussed with students.
- Seminar reports and project files are returned to students after they have been assessed.

2.5.6 What are the graduate attributes specified by the college/affiliating university? How does the college ensure the attainment of these by the students?

The institution is committed to imbining graduate attributes in students which will empower them at all levels – intellectual, physical, spiritual and economical. The college works towards imbining these attribute through innovative teaching methods, value added programs, seminars, workshops and a host of co-curricular and extracurricular activities. In addition, students are encouraged to participate in leadership camps, NSS and extension activities,



sports events, literary events, project work and internship, research competitions and inter-collegiate youth festivals. Co-curricular activities are geared towards developing these attributes along with a strong sense of ethical and social responsibility. Extra-curricular activities play a vital role in developing leadership skills, team work, decision making ability, and time management. (Please refer to figure no. 1- KASH Model, Page No.82)

Sr.No	Graduate Attributes	Examples of processes to ensure attainment by the students
1	Critical thinking/ scientific thinking/ logical reasoning	Projects, seminar presentations, research oriented projects, internship in Industry and NGOs/schools
3	Communication skills and English language competency	Soft Skills modules, class presentations, debates, mock interviews, group discussions, Reading club,
4	Effective use of technology for global marketplace	Value added course in basic computers, Use of ICT for presentations, availability of Wi-Fi on campus
5	Moral and ethical values, and respect for diversity.	Events organized by Gandhian studies centre, value education lectures, culture of discipline, accountability and transparency on campus
6	Ability to apply knowledge	Practical component of the curriculum
7	Social responsibility	Gender and environment sensitization programs, extension programs and NSS events.
8	Global citizenship	Soft skills modules, exposure to multinational companies and their culture through internship programs and participation in workshops.
9	Organization skills	Inter-collegiate student festivals. Event management opportunities
10	Developing Employability Skills	Soft skills, computer literacy, interaction with experts from industry

2.5.7 What are the mechanisms for redressal of grievances with reference to evaluation both at the college and University level?

The examination committee looks in examination grievances with reference to evaluation at college level. Students can approach the concerned teacher/class teacher/ HODs for clarification regarding evaluation procedures. If a student has a grievance regarding her results at University level, she can apply to the University exam department, through the college within ten days after the declaration of the result. The student can ask for verification of marks/ photocopy of the answer book / re-evaluation of her paper. University rules regarding re-evaluation of papers are communicated to students by the Heads of Department

2.6. Student performance and Learning Outcomes

2.6.1 Does the college have clearly stated learning outcomes? If 'yes' give details on how the students and staff are made aware of these?



Our learning outcomes are incorporated into institution objectives, which are as follows:

- To foster a healthy learning environment
- To make teaching and research relevant to social needs
- To inculcate a humanist outlook in students by means of value based education and community outreach programs
- To focus on vocationalization of courses

Our focus is on developing analytical, critical thinking and communication skills of our students. We strive to empower students with the necessary employability skills while simultaneously inculcating a sense of social responsibility.

Further, the syllabi of SNTDWU defines the learning objectives of each course offered. Faculty correspondingly uses appropriate teaching- learning practices to ensure that these learning outcomes are achieved. Teachers have attended syllabus framing and content analysis workshops that provide guidelines for achieving these outcomes. Faculty submit a tentative teaching plan before they commence the course, giving details of time frame and teaching methods so as to achieve the learning outcomes.

2.6.2 Enumerate on how the institution monitors and communicates the progress and performance of students through the duration of the course/programme? Provide an analysis of the students results/achievements (Programme/course wise for last four years) and explain the differences if any and patterns of achievement across the programs/courses offered.

The institute follows a formative system of evaluation as part of the continuous assessment process. This gives teachers an idea of the performance level of students from the first month of teaching itself. The progress of the students is monitored viz. subsequent performance in class tests and assignments. A written test is conducted approximately after 1 ½ month of teaching. This allows the faculty to assess the writing skills and subject comprehension of students. Weak students are thus identified and given extra help. Question paper sets of previous years are kept in the library and they are encouraged to solve the same. Weak learners in subjects such as English, Physiology and Math attend remedial/bridge classes. Advanced learners are also identified in this manner and given challenging assignments. Attendance is monitored regularly to ensure the consistent progress of students. If required, parents are called for a meeting with the class teacher or Head of Department. Wherever the faculty feel there is a learning problem, the case is referred to the counselor. Parent teacher meetings are conducted regularly once per semester.

Results of University Exams for the last four years

Class	2012 - 2013	2013 - 2014	2014-15	2015-16
T.Y.B.Sc.	73.86%	79.57%	90%	75%
T.Y.B.C.A.	77.78%	76.42%	81.48%	95.45%
MSc. (2 nd year)	58.33%	84.21%	71.42%	69.56%
PG Dip. In ECE	75%	100%	100%	-



PG Dip. In SSFN	50%	100%	100%	100%
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2.6.3 How are the teaching, learning and assessment strategies of the institution structured to facilitate the achievement of the intended learning outcomes?

The graduate attributes identified by the college along with desired learning outcomes determine the teaching, learning and assessment strategies of the institution. Our focus is on participatory learning and skill development. Hence teaching/learning /evaluation strategies are structured so as to enable students to become employable upon graduation, and also to become socially responsible citizens. Methods used for assessment of application of knowledge include grading of individual and group presentations in a structured manner, conducting practical exams, projects and assignments, and inviting an external jury for internship presentations.

Strategies to achieve learning outcomes begin with pre-planning which includes an academic calendar, teaching plans and exam calendar. Learning takes place through a variety of methods such as independent learning, collaborative learning, participatory learning and cooperative learning. Students are encouraged to participate in seminars and workshops to supplement classroom teaching. In addition, knowledge-based activities and internship placement during the third year B.Sc. help students to achieve the desired learning outcomes. Departments organize visits to take students beyond the classroom. Value additions are offered through the Career Oriented Program (COP) courses. On the basis of students' performance in initial assessments, strategies are revised to enable them to achieve the intended learning outcomes. Faculty are trained in use of ICT, and the classrooms are equipped with Wi-Fi and smart technology boards in order to incorporate innovative teaching methods.

Additional incentives to encourage students to enhance their subject knowledge are awarded for those on the merit list, appreciation letters, and certificates of participation for students who have participated in curricular and co-curricular activities. It must also be added that for consideration of the 'Best Students of the Year' awards, criteria such as participation in co-curricular and extra-curricular activities, extension activities, sports, leadership qualities and overall behavior is also taken into account.

2.6.4 What are the measures/initiatives taken up by the institution to enhance the social and economic relevance (student placements, entrepreneurship, innovation and research aptitude developed among students etc.) of the courses offered?

Student placements: The placement committee conducts sessions on how to apply for competitive exams to enhance employability. It also conducts aptitude tests to help students to make career choices based on their potential. Campus placement interviews are conducted by the BCA placement committee and students have been placed in companies such as Wipro, Accenture and Infosys. A student committee has been formed for Industry placements. The internship program in the third year B.Sc. also gives exposure to students of the requirements of the industry.

Entrepreneurship: We have initiated a unique entrepreneurial program



‘Kshrujan’ in collaboration with Carepox Corporate Services Ltd. Students receive the necessary tools to begin their own start up. Interested students are sponsored to attend start up workshops. For instance in September 2016, Ms. Hiran Jaiswal from TY TSAD was deputed to attend a two day training program organized by the National Institute for Entrepreneurship. The college contributed Rs 6500 towards registration. Our alumna have initiated a mentoring group on social media called ‘entrepreneurial superstars’.

There are several departmental initiatives and ventures wherein students are motivated to cultivate entrepreneurial skills. They learn the basics of planning, budgeting, costing and marketing. These include the following opportunities:

- Students are encouraged to put up stalls during the intercollegiate festivals Tekzone & Akanksha.
- Students of TYRM participate in a restaurant settings every year and learn how to make a budget and plan the entire venture.
- TYFSN & ND students study ‘Food product development’ as part of their curriculum. They develop a new product or enhance existing products as per specific target groups. They learn how to budget and market the product. Students of Nutrition and Dietetics plan and budget for a one day cafeteria as part of the course work.
- ‘Balmela’ is an annual mega event of the Human development Department which is entirely managed, from conception to execution, by the students of SY & TY HD and PG Diploma in Early Childhood Education.
- A college exhibition with special focus on the theme of entrepreneurship was organized as part of enhancing employability skills” on 28th to 30th November, 2015.
- The Placement committee organizes sessions on entrepreneurship as a career choice. Our alumnae who are now successful entrepreneurs play an important motivational role in such sessions:
 - Ms. Supriya Damani, spoke on ‘Entrepreneurship Skill Development for Wedding gifts’ on 12th August, 2011.
 - Ms. Kajal Thosani spoke on ‘Entrepreneurial Skills’ on 7th July, 2012.
 - Ms. Kajal Bhatia, Nutritionist, Ms. Rachana Patel, Senior Merchandiser and Ms. Swati Palwankar spoke on “Developing Entrepreneurial Skills” on 6th September, 2014.
 - Ms. Anuja Patel spoke on her fitness hub on 14th March 2016.
 - Ms. Ponam Rattan Chharia spoke on her experience of setting up her own export house, and Ms. Misba Mukri spoke on setting up her Pre-school on 17th March 2016.

Research aptitude: The College research committee organizes sessions on research methodology to orient students on the fundamentals and ethics of research. Students are encouraged to take up surveys on social relevant themes. The college has signed a MOU with the NGO ‘PUKAR’ for conduct of an exclusive one semester course on ‘Research as pedagogy, advocacy and transformation’. The focus of the course is on community based action research. Students are guided towards becoming critical thinkers as well as conscious and contributing citizens to their communities.

The college has initiated a unique mentoring programme on 29th October, 2016 called “Incubation (Guru-Gyan)” for M.Sc. students, who will be mentored



during their internship and also work on projects mentored by experts from various professional bodies including AFSTI, Marico, Farm to Folk, Hindustan Unilever and Kamani oils.

Prizes and participation in research competitions in Annexure No. 11

Soft skills to enhance employability: Value added courses on personality development and soft skills are offered at SY and TY levels. Modules include basics of personality development, presentation skills, public speaking, mock interviews, resume writing and group discussions. A course on 'Life Skills based on Gandhian Values' is offered through the Gandhian Studies Centre in the 3rd Semester. The college has signed a MOU with SEED Infotech to enhance the soft skills of BCA students. A wide range of co-curricular and the extracurricular activities help to develop organizational, managerial and leadership skills.

2.6.5 How does the institution collect and analyze data on student performance and learning outcomes and use it for planning and overcoming barriers of learning?

Head of Departments collect and analyze data on student performances and learning outcomes through formative evaluation and summative evaluation methods which are conducted in a regular and structured manner. Performance is also appraised through seminar presentations, and participation in mock interviews which are conducted at third year level. Results of performance at university level exams are published in the SMES annual Report, and shared during the Governing council meetings with the Management. Faculty analyse the reasons for low performance and try to implement strategies to improve the performance of the students. For example, steps are taken to help improve the writing skills of students weak in English. Bi-lingual explanation is given whenever necessary to explain difficult concepts. Remedial classes and extra coaching are other strategies used to help enhance academic performance.

2.6.6 How does the institution monitor and ensure the achievement of learning outcomes?

Teachers prepare a tentative teaching plan in keeping with the learning outcomes as outlined in the syllabus. This plan is reviewed periodically by the Head of Department. The college follows a system of internal assessment as per the regulations of the university. The modular curriculum suggests the kind of assignments to be given to ensure the achievement of learning outcomes. Faculty communicate marks allotted for projects and assignments along with positive feedback on how the student can improve her performance. Slow learners are given extra inputs and advanced learners are given more challenging topics. One to one interaction, mentoring, presentations and group assignments help to assess achievement of learning outcomes. Student teacher evaluation also helps to assess if students are satisfied with learning outcomes. Organizations like PFNDIAI (Protein Foods and Nutrition Development Association of India), AFSTI (Association of Food Scientists and Technologists India) and BCPT (Bombay Community Port Trust) have recognized the efforts of students by awarding merit based scholarships to deserving students.



University Merit Rank holders

Class	2011-2012	2012-2013	2013 - 2014	2014-15	2015-16
T.Y.B.Sc.	1 (first in Resource Management)	-	1 (highest marks in Resource Management)	3 1 (highest marks in Human Development)	-
T.Y.B.C.A.	6	-	-	-	1
MSc. (2nd year)	-	-	5	4	9
PG Dip. In ECE	-	-	1	-	-
PG Dip. In SSFN	4	2	3	3	-

For details refer to Annexure No. 12

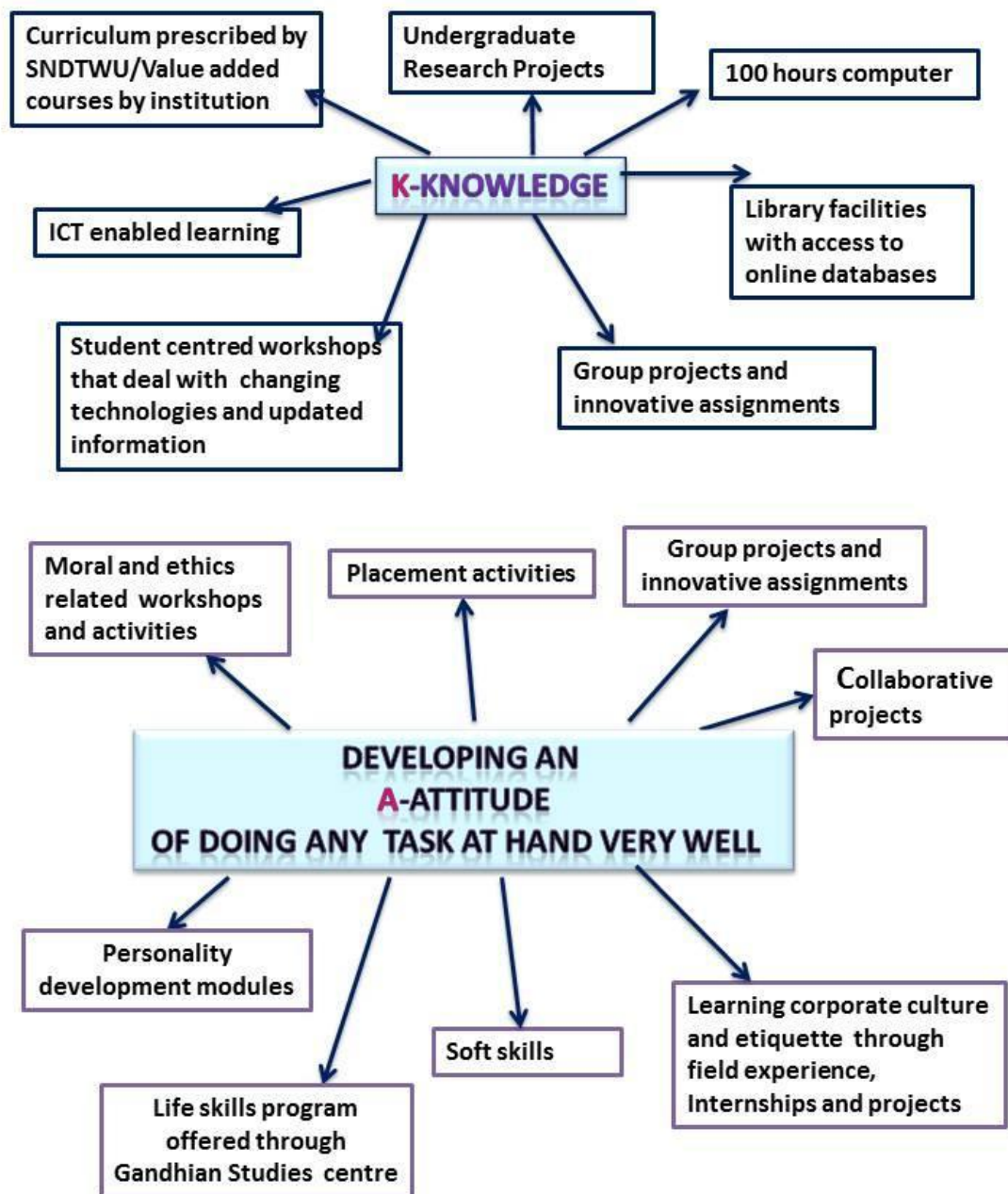
2.6.7 Does the institution and individual teachers use assessment/evaluation outcomes as an indicator for evaluating student performance, achievement of learning objectives and planning? If 'yes' provide details on the process and cite a few examples.

Internal assessment tests are conducted on a regular basis and teachers use evaluation outcomes to evaluate student performance and progression. Methods of assessment include MCQs, oral presentations at individual and group level and testing of practical skills. Skills that are assessed include theoretical knowledge, practical component, communication skills and knowledge application skills. Due to formative assessment, there is a constant monitoring of performance which allows faculty to identify weak as well as advance learners and to devise methods to assist their performance accordingly. Weak students are counseled by faculty, mentors as well as college counselor. Workshops are organized on stress management, time management and study skills to help to improve students' performance.

The K.A.S.H Quality parameter model (Knowledge-Attitude-Skills-Habits) is used to evaluate teaching-learning methods in terms of achieving learning outcomes and also graduate attributes as defined by the institution (See fig 1.)



Evaluating teaching learning processes through KASH



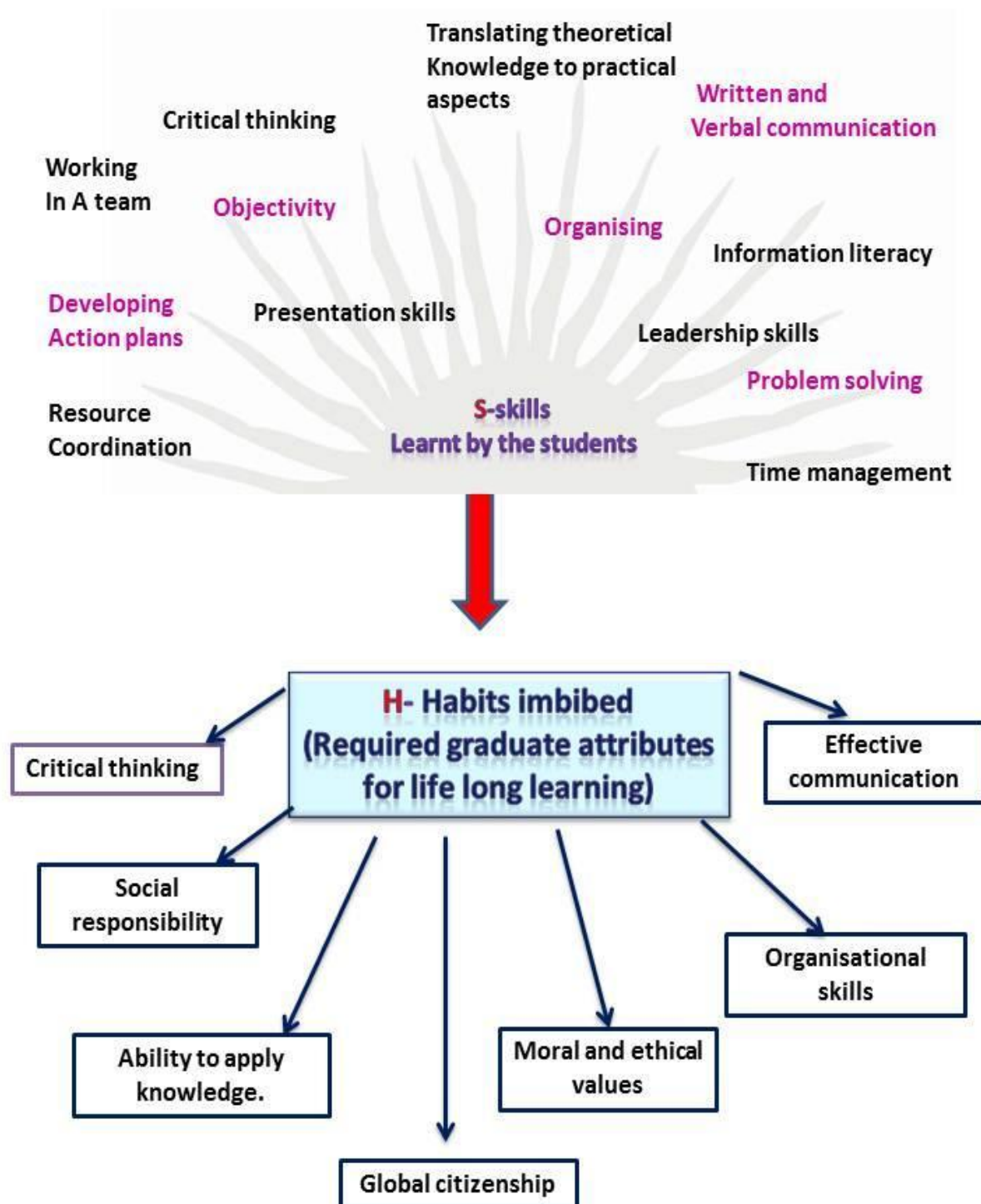


Figure no. 1

**CRITERION III:
RESEARCH,
CONSULTANCY AND
EXTENSION**



CRITERION III

RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research

3.1.1 Does the institution have recognized research center/s of the Affiliation University or any other agency / organization?

We are primarily an undergraduate institute and we therefore do not have a recognized research centre. The institution however believes in promoting a strong undergraduate research culture wherein students are taught how to think independently and in an innovative manner. The college research committee organizes a number of activities for students and staff to promote a research culture on campus. The college also offers a M.Sc. in Clinical Nutrition and Dietetics for which research is an important component for fulfilling the program's requirements. For this purpose, the college has formulated a registered ethical committee which follows the guidelines of Indian Council of Medical Research (ICMR). Once a research proposal is approved by the committee, it is submitted to the ICMR for a global register number through the Clinical Trial Registry of India.

3.1.2 Does the institution have a research committee to monitor and address the issues of research? If so, what is its composition? Mention a few recommendations made by the committee for implementation and their impact.

The institution has a research committee comprising of senior faculty members:

- Dr. Shilpa P. Charankar (Principal)
- Prof. Mala Pandurang (Vice-Principal/IQAC Coordinator)
- Dr. Meena Mehta (Committee In- charge and Associate Professor, Department of Food Science and Nutrition)
- Dr. Kirti Pathak (HOD, Department of Human Development)
- Dr. Rashmi Vyavaharkar (Associate Prof. Department of Human Development)
- Dr. Rupali Sengupta (Coordinator, M. Sc. Clinical Nutrition and Dietetics)
- Dr. Vrushali Datar (HOD, Department of Resource Management)
- Mrs. Kavita Karapurkar (Special Invitee, Faculty, Department of Computer Applications)

The objectives of the committee are:

- To motivate faculty members to apply for various research projects and to undertake collaborative ventures
- To encourage participation in national, international, workshops/seminars and conferences
- To inculcate a research aptitude, critical thinking and analytical skills among staff and students



- To create awareness about research possibilities among staff and students

Recommendations made by research committee for implementation and their impact over the last five years:

Recommendation for implementation	Impact
College should initiate an undergraduate inter-college research competition	Inter-collegiate competition was initiated in March 2015
Faculty should be mentored on publishing in indexed journals	No of articles published = 30
Faculty should be mentored on how to apply for research grants from funding agencies	No of research grants = Major Research completed (1) Minor research completed (2) ongoing (4) submitted (3)
Committee should organize research oriented workshops and seminars.	No of sessions organized =5
Advanced learners should be encouraged to participate in national and international level conferences,	No of student participants =45
Initiate and monitor collaborative projects with the Industry	No of collaborative projects =11
Upgrade quality of College journal Ideas	Advisory committee was formulated in 2015
Committee should focus on research component in proposal sent for College with Potential for Excellence.	Subsequent to which the college was awarded the UGC status of CPE in May 2016

3.1.3 What are the measures taken by the institution to facilitate smooth progress and implementation of research schemes/ projects?

- Autonomy is given to the principal investigator of UGC minor and major research projects viz. selection of topic and implementation of the project
- The institution ensures the timely availability or release of resources as and when accounts are submitted justifying the same. The administrative section also facilitates timely auditing and submissions of utilization certificate to the funding authorities so that the faculty can get reimbursed for the same.
- Faculty who have enrolled for their PhD have the provision of using college facilities for their research. In all, three teachers have been sanctioned leave under UGC Faculty Development Program to complete their PhD, while 3 others have availed of duty leave to attend contact sessions and research methodology courses under their PhD program. Faculty who are in the completion stages of their PhD have been given considerations as far as duties in college level extra-curricular committees are concerned so that they can focus on their research work.
- The institution provides adequate infrastructure such as labs and computer facilities. Staff are provided with Wi-Fi, computers, laptops, as well as printing and scanning facilities.



- Library subscribes to UGC Inflight N list which offers access to around 6000+ e- journals and 3000000+ e- books and also to the American Library which offers a number of online journals. The library also has provision of inter-library borrowing facilities with Smt. MMP Shah College of Arts and Commerce, and SNDT Women's University Libraries.
- Faculty are sanctioned duty leave to attend conferences and may apply for reimbursement of registration fees for conferences within India. Faculty may apply to the staff welfare fund for financial assistance for paper presentations at conferences held abroad.

3.1.4 What are the efforts made by the institution in developing scientific temper and research culture and aptitude among students?

The institute is a predominantly undergraduate college. Several efforts have been made to develop an undergraduate research culture and aptitude for analytical and innovative thinking:

- In 2014 -2015, the college signed a MOU with the NGO PUKAR (Promotion of Urban Knowledge Action Research) to introduce a unique certificate program in “ Research as Pedagogy, Advocacy and Transformation.” The objective of the program is to develop basic research skills at undergraduate level. Students are taught how to create a research design, choose appropriate research methods, create instruments, and complete data collection and analysis, and write a research report.
- Student groups have been encouraged to join the Barefoot Researchers Youth Fellowship Program funded by PUKAR. The Youth Fellowship initiative encourages cross-disciplinary community-based participatory research on issues pertaining to urbanization and globalization. PUKAR supports the research efforts up to Rs. 30,000 for a year.

Projects have been undertaken on the following topics in the last four years:

- “An explorative study of groups of working women travelling in local trains of Mumbai.” (2012-2013)
- “Aspirations of mothers” (2012-2013)
- “Problems and strengths of students from non-English medium while studying in a college of English medium” (2014-2015)
- “Governance of the weekly market at Vashi, New Mumbai” (2015-2016)
- On 12th Feb. 2015, the student team was selected for an interview with the National Public Radio (NPR) of Chicago and Public Broadcasting System (PBS)
- The research committee conducted an intercollegiate undergraduate research competition on 12th March 2015 on the theme “Emerging Trends in respective specializations”.
- The college is proactive in giving opportunities to advanced learners to participate in research activities. Third year B.Sc. as well as M.Sc. students are encouraged to participate in technical sessions at national level and international level conferences. For instance :
 - 2 students of SY TSAD were awarded 3rd Prize for their poster on ‘Customization of Clothing’ at the National Level Vastra Technical Poster Presentation, organized by Veermata Jijabai Technical Institute (VJTI) on 17th Feb. 2012.



- 2 students of TY B.Sc. FSN participated at the ICMR, DST and DBT Sponsored International Conference on ‘Technological Advances in Super Foods for Health Care (ICTASH-2013)’ at Pondicherry from 3rd to 6th May, 2013 and won a consolation prize and trophy for their oral presentation. The paper has been published in the International Journal of Food and Health Science e- ISSN NO 2320-7876.
- 3 students of M.Sc. Clinical Nutrition and Dietetics received prizes for their presentations at an International Conference on “Challenges and Advances in Food Technology” organized by International Institute of Food and Nutritional Sciences held at Jawaharlal Nehru University, New Delhi from 2nd to 5th May 2014.
- 4 students of TY FSN won 2nd prize for their paper presentation titled “Food Security and Climate Change” at an Inter Collegiate student research Competition organized by the research cell of Smt. Maniben Nanavati Women’s College, Vile Parle, on 17th January, 2014.
- 4 students of M.Sc. Clinical Nutrition and Dietetics received prizes for their presentations at the 6th International Conference on “Emerging Technologies in Food & Nutrition for Health Management” held at ICAR-Adugodi, Bangalore on 14th and 15th May, 2015.
- The college inaugurated an incubation cell for promoting research and innovation (Guru Gyan) on 29th August, 2016. This centre will collaborate with industries, researchers and entrepreneurs who will mentor M.Sc. CND students on innovative research ideas and entrepreneurial possibilities.
- Advanced learners are also encouraged to publish their papers under mentorship of their teacher-guides. In all 26 students of M.Sc. and TY B.Sc. (Food Science and Nutrition) have authored papers in with their teacher-mentors. **Annexure No.13**
- Advanced learners are guided in data collection, basic statistical analysis, and review of literature. They are encouraged to take up surveys, case studies seminars and projects that require independent investigation on the part of the students.
- Sessions for students have been organized such as “Research Instruments and Ethics” conducted by Dr. Anita Patil Deshmukh (Director, PUKAR) on 17th September, 2015; “Understanding various aspects of the research and difficulties during ongoing research” by Mr. Sudhir Kale (TISS expert in SPSS) on 10th October 2015; and “use of statistics for research” by Mrs. Mohiniben Mankekar (Former Principal, Smt. MMP Shah College of Arts and Commerce) on 15th October 2016.
- The librarian conducts orientation sessions on effective use of library resources, how to write a bibliography and how to conduct online searches in the months of July to September every year.
- Students of the Dept. of Food Science and Nutrition are involved in innovative food product development wherein they apply scientific learning and out- of -the -box thinking. . 70 students from MSc CND participated in an initiative organized by AFST(I) Mumbai Chapter & ICT titled ‘Food Technology Innovation IPL’ in November 2016. Students submitted 105 ideas which were divided into different sections like oils and fats, dairy, fruits and vegetable, nutraceuticals / functional foods, traditional foods,



breakfast /snacks. 13 students received prizes. The college was awarded the trophy for maximum ideas received at National Level.

3.1.5 Give details of the faculty involvement in active research (Guiding student research, leading Research Projects, engaged in individual/collaborative research activity, etc.)

Faculty involved in guiding student research at PhD level (ongoing projects):

Name of the Guide	Name of the Students	Topic of Research	Date of Registration
Dr. Shilpa Charankar	Mrs.Veena Verma	Studies of Flame Retardant Finishing of Tasar Silk Fabric	6 th March 2012
Dr. Shilpa Charankar	Ms. Heena Quazi	Studies on Dyeing of Pashmina Products using Natural Dyes	3 rd February 2012
Dr. Shilpa Charankar (Co-guide)	Mrs. Kavita Pathare	Green Approach and Value Addition through Recycling of Textile Waste Generated by Garment Units	27 th February 2012
Prof. Mala Pandurang	Ms. Rashmi George	An Eco Critical Study of Changing Concerns in Indigenous Fiction of North America from 1990 onwards	7 th September, 2011
Prof. Mala Pandurang	Ms. Gauri Mohan	Alternate Sexualities and the politics of choice: A 'Queer reading of contemporary Indian fiction'	15 th October 2011
Dr. Meena Mehta	Ms. Dayabati Atom	Blending of Edible Oil	Pending DRC consideration

Faculty involved in guiding student research at Ph.D. level (submitted):

Name of the Guide	Number of students who have attained PhD
Prof. Mala Pandurang	4

Faculty involved in guiding student research at M.Phil. level (submitted):

Name of the Guide	Number of students who have attained PhD
Prof. Mala Pandurang	10

The following faculty has recognized for postgraduate teaching, and is involved in guiding student research at M.Sc. level:

Name of the Guide	Number of Students Completed	Number of Students Ongoing
Dr. Shilpa Charankar	3	-
Dr. Kirti Pathak	2	8
Dr. Rashmi Vyvaharkar	1	5
Mrs. Anuradha Shekhar	27 (BMN) and 5 (IGNOU)	6 (BMN) and 3 (IGNOU)
Mrs. Vinaya Vaishampayan	3	-
Dr. Rupali Sengupta	28(SNDT) and 2(IGNOU)	9 (SNDT) and 4 (IGNOU)



Dr. Meena Mehta	6	-
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Faculty engaged in collaborative research activities with industry

Sr. No.	Name of the Faculty member	Title of the research project completed in the past 3 years	Funding agency	Date of completion	Grant (₹) or cost of project
1.	Dr. Rupali Sengupta and Mrs. Anuradha Shekhar	To develop 45 recipes from Saffola Oats suitable for patients suffering from Diabetes/ CVD/ Obesity	Marico Industries	2011-2012	₹2,00,000
2.	Dr. Rupali Sengupta	To develop research based technical fact sheets for regulatory department, patients suffering from lifestyle diseases (Diabetes mellitus/ Cardio vascular disease/ Obesity/ Hypertension) and their management through lifestyle modifications & healthy dietary recommendations.	Pepsico India Ltd.	2011-2012	₹20,000
3.	Dr. Rupali Sengupta	To evaluate whether Saffola Museli is a healthier choice when compared to other brands	Marico Industries	February 2013	₹50,000
4.	Dr. Rupali Sengupta	Microbial Analysis, Sensory Evaluation & Nutritional Labelling of Modified Food Products	Chinikum	2014 - 2015	₹30 000
5.	Dr. Rupali Sengupta	Awareness of whole grains among school children in Mumbai	Pepsico	2013-2015	₹2,60,000
6.	Dr. Rupali Sengupta	To develop modified recipes with organic jaggery	Paawak Foods	2015	₹20000
7.	Dr. Rupali Sengupta	Survey of Processed & Ultra processed Foods among varied Socio Economic Status	PFND AI	2016	NGO
8.	Dr. Rupali Sengupta	Microbial, shelf life and nutritional labeling of company's product	Easy to Eat Foods	2016	₹50,000



9.	Dr. Rupali Sengupta	Awareness of fruits and vegetables on school going children	Pepsico India Ltd.	2016	₹ 75,000
10.	Dr. Shilpa Charankar, Mrs. Veena Verma, Mrs. Suganda Lad	Project on testing of medical textile products	VISCO Rehabilitation Aids Private Ltd.	2014	₹ 30,000

UGC - Major research project completed

Sr. No.	Name of the Faculty member	Title of the research project completed in the past 3 years	Funding agency	Date of completion	Grant (₹) or cost of project
1	Prof. Mala Pandurang (Major Research)	“Wives, Mothers and Others. A Socio-literary reconstruction of migration experiences of Women from the Indian subcontinent to East Africa (1890 – 1960)”.	UGC	2014	₹ 6,54,800

UGC - Minor Research Project completed

Sr. No.	Name of the Faculty member	Title of the research project completed in the past 3 years	Funding agency	Date of completion	Grant (₹) or cost of project
1.	Mrs. Sugandha Lad (Minor Research)	“The purchasing behaviour of youth pertaining to retailing of textiles and garments in malls”.	UGC	2014	₹ 1,00,000

UGC - Minor Research Projects Ongoing

Sr. No.	Name of the Faculty member	Title of the research project completed in the past 3 years	Date of completion	Grant (₹) or cost of project
1	Mrs. Veena Verma	“Effect of Flame Retardant Finish on Tasar Silk”	2015- 2017 (ongoing)	₹ 2,85,000
2	Mrs. Alka Pant	“Enhancing Employability Skills Through Career Oriented Programs”	2015- 2017 (ongoing)	₹ 1,75,000
3	Mrs. Vinaya Vaishampayan	“Are Food Patterns at work places different than normal”	2015- 2017 (ongoing)	₹ 1,10,000

Minor research proposals submitted to UGC by faculty from B.Sc. section in 2015-2016:

Name of Faculty	Topic
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Ms. Roma Gandhi, Assistant Professor, Dept. of resource Management	A Comparative study of Pinch Grip and Postures of Normal and Dysgraphic children
Ms. Pradnya Ambre. Dept. of TSAD	Study of Compound shades of Selected Natural Dyes

Minor research proposals submitted to UGC by faculty from BCA section in 2015-2016:

Name of Faculty	Topic
Mr. Shahajahan Khan & Ms. Sharada Sirisilla	Impact of Computer Games on Young Minds in Mumbai City
Ms. Neetu Singhi & Ms. Manjot Kaur Saini	MCA Syllabus-An Industry Perspective
Ms. Kavita Karapurkar	A Study of Young Female Adults, Victim to Online Sexual Harassment

Project completed under UGC Recognised Gandhian Studies Centre:

Sr. No.	Name of the Faculty member	Title of the research project completed in the past 3 years	Funding agency	Date of completion	Grant (₹) or cost of project
1	Prof Mala Pandurang (PI) and Ms. Lavanya Vardrajan (Research Associate)	“In Search of Kasturba: An Auto/ Biographical Reading of the Mahatma and his Wife”	Research grant sanctioned under U.G.C recognised Gandhian Studies Centre	June 2015	₹70,000

Faculty who have completed their PhD from 2011 onwards:

Name	Title of the Thesis	Year of Award of Degree	Name of the University
Dr. Rashmi Vyavaharkar	The Impact of Music on Creative Output in Art and Language Activities of Disadvantaged Children	2012	SNDTWU

Faculty registered for PhD in the last four years:

Name	Title	Year of Registration	University
Ms. Roma Gandhi	Writing skills of children with dysgraphia: an ergonomic approach	August 2011	SNDTWU
Mrs. Veena Verma	Studies of flame retardant finishing of tasar silk fabric	March 2012	SNDTWU



Mrs. Pradyna Prashant Ambre	Study of compound shades of selected natural dyes.	October 2012	SNDTWU
Mrs. Vidya Subramanian	Evaluation of college library in promoting and enhancement of reading of undergraduate students	Feb. 2014	SNDTWU
Mrs. Vinaya Vaishampayan	Assessment of nutritional status of geriatrics living in different familial conditions (free living/living with family and institutionalized) and formulation of a geriatric nutritional assessment tool (GNAT)	August 2015	University of Mumbai

3.1.6 Give details of workshops/ training programs/ sensitization programs conducted/ organized by the institution with focus on capacity building in terms of research and imbibing research culture among the staff and students.

The following programs have been organized with focus to imbibe research culture among staff and students

Date	Details
10.04.2012	A workshop on 'Research Funding Agencies for faculty' by Dr. Shilpa Charankar
25.02.2014	A session on "Research Methodology- its introduction basics and foundation" by Dr. T Jairaman (Dean of School of Habitat Studies at Tata Institute of Social Sciences)
19.12.2014	Session on Research Writing Skills by Mrs. Neha Sanwalka (Director Nutri- canvas)
07.09.2015	A Lecture on "Insight on Patency and Achieving Patency" and 'How to file a Patent' for faculty by Mr. Nanavath Ramachander (Deputy Controller General of Patent, Design and Trade marks) from Indian patent office Mumbai
17.09.2015	A lecture for SY B.Sc. students on "Research Instruments and Ethics" by Dr. Anita Patil Deshmukh (Director, PUKAR)
10.10.2015	A lecture for postgraduate students on "Understanding various aspects of the research and difficulties during ongoing research" by Mr. Sudhir Kale (Expert in SPSS from TISS)
17.10.2016	Session for faculty on academic and scientific writing by Dr. Padma Prakash from Tata Institute of Social Science.
15.10.2016	Guest lecture for students on 'Basics of Statistical tools' by Mrs. Mohini Mankekar (Former Principal, Smt. MMP Shah College of Arts and Commerce)

Incubation Cell



The college has initiated an incubation cell for promoting research and innovation (Guru Gina) in collaboration with AFSTI (Association of Food Scientists and Technologists India) and MRCK (Medical Research Centre), Kasturba Hospital. This cell will collaborate with industry experts, researchers and entrepreneurs who will mentor M.Sc. CND students on innovative research ideas and entrepreneurial possibilities.

Students and staff have benefitted from seminars on innovative themes:

- The Dept. of Food Science and Nutrition organized a seminar on “Nutritional advances in Bio molecules and Prebiotics” on 7th September 2011, in collaboration with AFSTI (I) Mumbai chapter.
- The Dept. of Computer Applications conducted a 2 day UGC Sponsored State Level Seminar –cum- Workshop on “e-Crime & e-Security” in association with “The Eagle Eye” on 20th and 21st February 2012. The objective of the seminar was to offer a platform for sharing strategic, operational, and technical knowledge on how best to reduce electronic risk and protect digital assets.
- The Department of Textile Science and Apparel Design organized a two-day UGC Sponsored National level Seminar on “Apparel Merchandising Management” on 12th and 13th January 2012, with the primary focus of familiarizing the participants with knowledge, skills and the attitude required for different vocations in the field of Textiles and Apparel Industry, and to identify major trends in apparel Merchandising.
- Department of Resource Management organized a UGC Sponsored two - day National Seminar on ‘Sustainable Tourism’ on 9th and 10th January, 2015 in collaboration with Maharashtra Tourism Development Corporation.
- NAAC sponsored National Seminar on “Strategies for Implementing Best Practices in Teaching –Learning and Evaluation’ on 2nd and 3rd March 2016.

3.1.7 Provide details of prioritized research areas and the expertise available with the institution.

As we are predominantly an undergraduate college, we do not have a research centre. However, the M.Sc. in Clinical Nutrition and Dietetics program provides guidance in areas of research related to nutritional assessment, food product development, clinical nutrition and issues related to diabetes & renal problems.

Our faculty are members of research boards, and have published and presented papers at international and national level. They are also on editorial boards of journals in India and abroad. Details are as follows:

Name of the Faculty/Designation	Details
Dr. Shilpa P. Charankar (Principal & Head of Department of Textile Science and Apparel Design)	<ul style="list-style-type: none">• Chairperson of Board of Studies for Textile Science & Apparel Design• Member Ad hoc Board of Studies, University of Mumbai• Member of Research and Recognition Committee of SNDTWU



	<ul style="list-style-type: none"> ● Member of Panel of Referees for evaluation of articles of the 'Research Imprints' journal of P.N. Doshi Women's College of Arts, Ghatkopar ● Appointed by Board of Examination of University of Mumbai for Branch III Textiles & Fashion Technology Dissertation at M.Sc. Home Science Semester III Exam and PhD Thesis ● Peer Reviewer of <i>Research Reach Journal of Home Science</i>, Nirmala Niketan ● Referee for PhD Vivas
Prof. Dr. Mala Pandurang (Vice principal & HOD, Dept. of English)	<ul style="list-style-type: none"> ● External Evaluator of Post-doctoral fellowship applicants to BEIPD-COFUND, University of Liege, Belgium ● Evaluator of Post-doctoral research grants, South African National Research Foundation ● Vice-Chancellor's nominee. National Level Expert on Board of Studies for English. Central University, Jharkand. ● Review Editor, <i>Journal of South Asian Diaspora</i>. Routledge: UK ● Series Editor of <i>Postcolonial Lives</i>. Brill (Amsterdam)
Mrs. Anuradha Shekhar HOD Department of Food Science and Nutrition	<ul style="list-style-type: none"> ● Consultant of E vaidya – a consultation portal for nutritional problems. ● Editorial board member of <i>Acta Scientifica</i> and <i>Signpost Journals</i> ● Member of review committee for the <i>Journal of Human Ecology</i> ● Member of editorial Board of <i>Int. Journal of Medicine and Allied Health Science</i> ● Co-opted member of AFSTI Mumbai Chapter and in-charge of student welfare programs
Dr. Kirti Pathak (HOD, Dept. of Human Development)	<ul style="list-style-type: none"> ● Peer review member for Research Imprint Journal of P.N. Doshi Women's College of Arts, Ghatkopar
Dr. Rupali Sengupta	<ul style="list-style-type: none"> ● Member of Board of Studies Periyar University ● Consultant with Marico, Pepsico, Chinikum and Paawak Food Ltd. ● Coordinator of SMES ethical committee ● Member of review committee of <i>Science International Domain Journal</i>, UK.

3.1.8 Enumerate the efforts of the institution in attracting researchers of eminence to visit the campus and interact with teachers and students?

A number of scholars of eminence have visited the campus. These include the following:



Date	Speaker	Topic
03.09.2011	Dr. Sudhanshu Bhattacharya (Eminent Cardiac Surgeon)	Cardiac Surgical Problems in Women
07.09.2011	Dr. Karmarkar & Dr. Jyoti Vora (HOD Biochemistry) Ruia College	Prebiotics and probiotics
07.09.2011	Dr. Jinobia Madan (Managing Director) and Ms. Ankita Marwah (Manager Clinical Research) Marico Industries	Nutrition and Cholesterol Management
23.09.2011- 24.09.2011	Dr. G.S. Nadiger, Research Advisor/Former Director, Textile committee, Bombay Textile Research Association (BTRA)	Entrepreneurship Development under 'Integrated Skill Development Scheme of Ministry of Textiles' Government of India
12.01.2012	Prof. N.S. Kazi (Associate Prof. & Head Corporate Relations, BES Institute of Management Studies & Research)	Costing, pricing and budgeting
21.02. 2012	Dr. Mohd. Misbahuddin (Senior Technical Officer) CDAC, Bangalore	Bio-metrics network security & cryptography
13.07.2012	Mr. Rajeev Goenka & Ms. Ruchira Tendolkar	Body fitness & weight management
01.09.2012	Dr. ND Moulick (HOD Medicine) Sion Hospital	Physiology & etiological aspects of diabetes mellitus
01.09.2012	Mrs. Salome Benjami (Retd. Chief Dietician-Nair Hospital)	Cholesterol & diabetes with its dietetics aspects
03.09.2012	Dr. Rama Vaidya (Research Director in Reproductive Medicine, Endocrinologist & Dean, Medical Research Centre of Kasturba Health Society)	Menopause: A Multifaceted Health Issue
06.09.2012	Ms. Sonal Modi (Diabetic Educator & Nutritional Consultant), Ms. Ankita Marwaha (Senior Nutritionist) Pepsico	Diabetes - its effects and complications ; bioelectrical impedance analysis (bio)
08.09.2012	Dr. J.J Lewis. Dr. Daniel and Ms. Shewta Shirke (Executive committee members of PFNDAI)	Food security, healthy beverages, safety & efficacy of functional foods
05.10.2012	Dr. Jagmeet Madan (Principal of SVT College)	CVD its disorders & prevention
06.10.2012	Mrs. Salome Benjamin	Oil & its metabolic syndrome
12.12.2012	Dr. Yolende Pereira, Consultant Family Therapist and Counselor	Intimacy and Sexuality
12.12.2012	Dr. Kamaxi Bhate, Associate Professor, KEM hospital	Family Planning
02.01.2013	Ms. Beena Tendulkar (Advocate Cyber Law Expert)	Cyber Law



23.02.2013	Mrs. Lipika Nair, Proprietor, Tex Assist, Freelance Consultant.	Union and Blend Dyeing, Printing of Wool and Silk with different dyes and Printing of Polyester with disperse dyes
09.03.2013	Prof. Dr. Archana Bhatnagar, Head University Dept. of Resource Management, SNDT Women's University.	Ergonomics Application in the Hospitality Industry.
03.08.2013	Mr. Dushyant Mehta. CEO, Mediaman Group of Companies	Promotion strategies for BCA course using social networking.
28.08.2013	Adv. Pankit Shah and Adv. Rupali Shinde	Cyber Law and Anti Ragging
28.08.2013	Mr. Sachin Gore from MET C-DAC	Career Options after BCA
03.09.2013	Dr. Vipulroy Rathod MS., FASGE (Fellow of American Society of Gastrointestinal Endoscopy)	Role of Endoscopy in GI Disorders
04.09.2013	Mr. Shrikant Kanetkar (President, Aadipath Foundation & Research Centre)	Mind Engineering
17.09.2013	Adv. Neelima Kanetkar (Founder, Aadipath Foundation & Research Centre)	Empowerment of Women
19.11.2013	Prof. Madhura Kesarkar Director BCUD, SNDT Women's University.	Workshop on "New evaluation Patterns
17.12.2013	Mr. Mayur Basuk, Scientist, WRA	Overview of Indian sporting goods and equipment industry
25.02.2014	Dr. T. Jairaman (Dean of School of Habitat Studies at Tata Institute of Social Sciences)	Research Methodology- its introduction basics and foundation
18.03.2014	Mr. Syed Irshad Ali, Managing Partner , INMA Export , Mumbai	Career in Merchandising
22.03.2014	Dr. (Mrs.) Mrinal Choudhary, Deputy Director, Wool Research Association	Union and Blend Dyeing and Printing with different dyes
28.08.2014	Dr. Niyati Parekh Professor & Scientist from New York University	Obesity & Cancer
02.09.2014	Ms. Shetty Nutritionist at Marico	Nutrition & Health
03.09.2014	Mr. Francis Lobo (Marketing Marico Industries)	Women & Healthy Heart with right choice of Oil
03.09.2014	Mrs. Hitha Bhankaria (Nutritionist- Marico Industries)	How to write a Review paper on a assigned topic
30.09.2014	Dr. H.B. Chandalia (Diabetologist & Founder Member of Association of Diabetic Educator	Reproduction and Health issues
30.09.2014	Dr. Snigdha Mehta, (Gym Instructor- Talwalkar Gym)	Management of Obese Women during Pregnancy-Physical Activity and Exercise



30.09.2014	Dr. S.A. Udipi, HOD, Dept. of Food Science and Nutrition, SNTT	Antenatal and Postnatal Nutrition-Obesity & Reproductive Health
19.12.2014	Mrs. Neha Sanwalka (Director Nutri canvas)	Research Writing Skills
09.01.2015	Mrs. Kishori Gadre, General Manager, MTDC, Mumbai	Sustainable tourism
07.09.2015	Dr. Latika Chawla, Nutritionist from Nair Hospital	Adolescent nutrition status & its outcome
07.09.2015	Ms. Shilpa Joshi Dietician, Nutritionist Freelancer	Key nutrients in fetal development
12.09.2015	Dr. Dheeraj Kapoor, HOD, Endocrinology, Kokilaben Hospital	Fads About PCOD
12.09.2015	Mr. Kandarp Vyas, Manager Technical Services, Omega (Dx) Asia	Food intolerance test vs food allergy test
12.09.2015	Ms. Shruti Baidya, Chief Product Specialist- Nutritional Genomix	Nutrigenomics Sciences
02.03.2016	Mr. Ullhas Nimkar, CEO, Nimkartek	Towards holistic education-
08.03.2016	Mrs. Purabi Mahajan, Dietician, Tata Memorial Hospital	Weight management in cancer patients
08.03.2016	Dr. Shweta Rastogi, Dietician Gurunanak Hospital, Bandra	Benefits of whole grains
08.03.2016	Ms. Lata Ranjan, K11 Fitness Academy	Assessment of body composition

3.1.9 What percentage of the faculty has utilized Sabbatical Leave for research activity? How has the provision contributed to improve the quality of research and imbibe research culture on the campus?

While no faculty member has utilized sabbatical leave, Dr. Rashmi Vyvaharkar, Dr. Kirti Pathak from Department of Human Development and have availed of leave for completion of their PhD under the UGC Faculty Development Program. Mrs. Veena Verma (Department of TSAD) will be proceeding on FDP from Feb. 2017. Faculty share their research experience and findings with colleagues and mentor staff members to take up research projects. Their experiences are imbibed into their teaching processes.

3.1.10 Provide details of the initiatives taken up by the institution in creating awareness/ advocating/ transfer of relative findings of research of the institution and elsewhere to students and community (lab to land).



The P.G Department of Clinical Nutrition has worked on 7 projects:

Year	Collaborative Project	Aim
2011-2012	Marico Industries	To develop 45 recipes (15 recipes each) from Saffola Oats suitable for patients suffering from Diabetes/ CVD/ Obesity
2012-2013	Pepsico India Ltd	To develop research based technical fact sheets for regulatory department/ patients suffering from lifestyle diseases (Diabetes mellitus/ Cardio vascular disease/ Obesity/ Hypertension) and their management through lifestyle modifications & healthy dietary recommendations.
2014-2015	Chinikum	Microbial analysis, sensory evaluation & nutritional labeling of modified food products
2013-2014	Pepsico India Ltd	Awareness of whole grains among school children in Mumbai
2015-2016	Paawak Foods	Microbial analysis, sensory evaluation & nutritional labeling of modified food products with paawak organic jaggery
2016-2017	Easy to Eat Foods	Microbial, shelf life and nutritional labeling of company's product
	Pepsico India Ltd	Awareness of fruits and vegetables on school going children

In addition, the following initiatives are taken to share the findings and research of the institution with the community, from lab to land.

- Students have conducted surveys on social issues such as gender discrimination, domestic abuse and adulteration levels.
- Students have presented projects on innovative food product development at conferences. In November 2016, students from MSc CND participated in an initiative organised by AFST(I) Mumbai Chapter & ICT titled 'Food Technology Innovation IPL' in November 2016. The college was awarded the trophy for maximum ideas received and thirteen students received individual prizes.
- The exposure to a research culture has motivated students to continue with their research skills after their graduation.
- Faculty have presented their research papers at national and international level seminars and conferences.



3.2 Research Mobilization for Research

3.2.1 What percentage of the total budget is earmarked for research? Give details of major heads of expenditure, financial allocation and actual utilization.

The main source of funding for research is from UGC. for minor and major projects, and from the Industry for collaborative projects. The college has been awarded UGC status of College with Potential for Excellence and will be availing of CPE funding for its proposed research based initiatives. The management bears the books and journals, chemicals, equipment, maintenance and college level journal. Staff avail of financial assistance towards attending conferences from the staff welfare fund, and also towards travel expenses for international conferences.

3.2.2. Is there a provision in the institution to provide seed money to the faculty for research? If so, specify the amount disbursed and the percentage of the faculty that has availed the facility in the last four years?

Our Management has sanctioned the necessary amount in advance as required by staff who have been awarded Minor research grants to purchase books and equipment, although the sanctioned amount has not yet been received from the UGC. In the case of Mrs Veena Verma, our Management has sanctioned Rs 70 000/- as an advance towards expenses towards her minor research project. There is provision for financial support towards registration fees for national and international conferences. In addition faculty can apply for funding to attend international conferences under the staff welfare fund.

3.2.3 What are the financial provisions made available to support student research projects by students?

- 10 M.Sc CND students were awarded ` 3000 each in appreciation towards their participation in collaborative projects undertaken in 2013-14.
- 33 M.Sc.CND students received total amount of ` 15850 for participation in collaborative ventures in 2015-2016.
- Registration fee of Ms. Neelam Ghadge (M.Sc. CND Final Year) for ` 1500/ for presentation at the 7th International conference on 'Growing trends in food technology and nutrition for public health care' on 25th & 26th May, 2015 at New Delhi. She received 3rd prize for the same.
- Registration fee of ` 1300 each for 5 final year M.Sc. students participation at a national conference organised by Indian Dietetics Association (IDACON) from 23rd to 25th September 2016 at Mumbai.

Students from S.Y B.Sc. (Home Science) have been mentored on how to apply for the PUKAR Youth fellowship program, wherein ` 30 000/- is available in support of the research process. Four groups have availed of the fellowship in 2013-2014 (two groups), 2014-2015 and 2015- 2016.



3.2.4 How do the various departments/ units/ staff of the institute interact in understanding inter-disciplinary research? Cite examples of successful endeavors and challenges faced in organizing interdisciplinary research

- Dept. of Resource Management organized a National level Seminar on “Sustainable Tourism: An Interdisciplinary Approach” on 9th -10th Jan 2015 wherein Mrs. Anuradha Shekhar from Food Science and Nutrition presented a paper on “Gastronomical tourism”.
- Dept. of Human Development organizes an annual seminar on pre-marital counseling wherein faculty from Food Science and Nutrition conduct sessions such as on Polycystic Ovarian Diseases.
- Faculty from Depts. of English, Human Development, and BCA work in tandem to promote Gandhian values on campus.
- Faculty from Dept. of Computer Applications conduct training sessions for B.Sc faculty on the latest in ICT and use of computers.
- Mrs. Alka Pant of the HD department trains students of the SMES School of Nursing in extension activities for community work.
- Dr. Vrushali Datar of Resource Management has conducted demonstrations on Madhubani painting for students of the Dept. of TSAD while Mrs. Vinaya Vaishampayan from Nutrition and Dietetics has conducted lectures on importance of breast feeding for students of BCA
- Teachers implement quality initiatives from the field of management while working on quality enhancement projects. They have presented the same at the Annual Best Education Quality Enhancement Team competition (BEQET) and won prizes for the same (Please Refer to 3.4.4).

3.2.5 How does the institution ensure optimal use of various equipment and research facilities of the institution by its staff and students?

Faculty who are doing their PhD avail of equipment in the laboratories:

- Ms. Veena Verma (Dept. of TSAD) avails of equipment such as GSM cutter, weighing scale, breaking strength tester, pick glass, desiccators and tensile strength tester.
- Ms. Pradnya Ambre (Dept. of TSAD) avails of equipment such as Rota Dyer, pH meter, oven, distillation unit and condenser unit

The Institution makes provision for computers/internet/printer/scanner and Wi-Fi facilities. The library makes provision for online database, journals and e-resources.



3.2.6 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facility? If yes, give detail.

The college has been awarded status of College with Potential for Excellence and will be developing the following facilities in order to further enhance research:

Sr. No	Details	Amount (₹)
1	Lab upgradation	15 lakh
2	Library automation	5 lakh
3	Internet connectivity	3 lakh
4	Software	10 lakh

The following research projects have been financed through the Industry and UGC:

Sr. No	Investigators	Title of the research project completed in the past 3 years	Funding agency	Date of completion	Grant (₹) or cost of project
1.	Dr. Rupali Sengupta and Mrs. Anuradha Shekhar	To develop 45 recipes (15 recipes each) from Saffola Oats suitable for patients suffering from Diabetes/ CVD/ Obesity	Marico Industries	2012	₹ 2,00,000
2.	Dr. Rupali Sengupta	To develop research based technical Fact sheets for patients suffering from lifestyle diseases (Diabetes mellitus/ Cardio vascular disease/ Obesity/ Hypertension) and their management through lifestyle modifications & healthy dietary recommendations.	Pepsico India Ltd.	2013	₹ 20,000
3.	Dr. Rupali Sengupta	Evaluation of Saffola Museli as a healthier choice when compared to other brands	Marico Industries	February 2013	₹ 50,000
4.	Dr. Rupali Sengupta	Awareness of whole grains among school children in Mumbai	Pepsico	2013-2015 (ongoing)	₹ 2,60,000



5.	Dr. Rupali Sengupta	Microbial analysis, sensory evaluation & nutritional labelling of modified food products	Chinikum	2014	₹ 30 000
6.	Dr. Shilpa Charankar , Mrs. Veena Verma, Mrs. Suganda Lad	Project on testing of medical textile products	Vissco Rehabilitation Aids Private Ltd.	2014	₹ 30,000
7.	Prof Mala Pandurang (PI), Ms. Lavanya Vardrajan	“In Search Of Kasturba: An Auto/ Biographical Reading of the Mahatma and his Wife”	U.G.C recognised Gandhian Studies Centre	2014-2015	₹ 70,000
8.	Dr. Rupali Sengupta (PI)	Modified Food Products for lifestyle disorder	Paawak Foods Pvt Ltd	2015	₹ 20,000

3.2.7 Enumerate the support provided to the faculty in securing research funds from various funding agencies, industry and other organizations. Provide details of ongoing and completed projects and grants received during the last four years.

The college offers full support to faculty who wish to apply to funding agencies. Guidelines on funding agencies are shared with faculty members and there is full transparency in the process.

Senior faculty mentor fellow teachers to apply for grants and applications which are forwarded to the concerned authorities on time.

Sr. No.	Name of the Faculty member	Title of the research project completed in the past 3 years	Funding agency	Date of completion	Grant (₹) or cost of project
1.	Mrs. Sugandha Lad (Minor Research)	“The purchasing behaviour of youth pertaining to retailing of textiles and garments in malls”.	UGC	2014	₹ 1,00,000
2.	Prof Mala Pandurang (Major Research)	“Wives, Mothers and Others. A Socio-literary reconstruction of migration experiences of Women from the Indian subcontinent to East Africa (1890 – 1960)”.	UGC	2014	₹ 6,54,800
3.	Mrs. Veena Verma	“Effect of Flame Retardant Finish on Tasar Silk”	UGC	2015-2017 (ongoing)	₹ 2,85,000



	(Minor Research)				
4.	Mrs. Alka Pant (Minor Research)	Enhancing Employability Skills through Career Oriented Programs”	UGC	2015-2017 (ongoing)	` 1,75,000
5.	Mrs. Vinaya Vaishampayan (Minor Research)	“Are food patterns at work places different than normal”	UGC	2015-2017 (ongoing)	` 1,10,000

3.3 Research Facilities

3.3.1 What are the research facilities available to the students and research scholars within the campus?

An ethical committee was instituted in 2012. The body follows the guidelines of the Indian Council of Medical Research centre (ICMR). Proposals which are approved by the committee are sent to the ICMR for getting a global register number through CTIRI (Clinical Trial Registry India). The CTIRI number enables the publication of research articles in peer reviewed international journals.

Members of the Core Committee are as follows:

- Dr. Dilip Trivedi, (M.S General Surgery): Chairperson
- Dr. Vatsala Trivedi (Nephrologist) : Executive member
- Dr. Ganesh Shinde (Gynecologist & Dean) Cooper Hospital: Executive member
- Dr. Shobha Udipi (Senior Nutritionist –PFNDI & Research Scientist- Medical research Centre-Kasturba Hospital):Executive member
- Mrs. Jyotsna Pandit (Clinician) :Executive member
- Mr. T.M Jethani (Lawyer)

- The students are given an opportunity to work on industry based collaborative projects.
- They have access to computer labs with Wi-Fi connection as well as library facilities with latest books and journals. The institute provides opportunities to interact with experts from the industry and also encouragement to participate in research oriented seminars and workshops

3.3.2 What are the institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers especially in the new and emerging areas of research?

- Research committee strategizes means of improving research culture on campus and presents its recommendations to the IQAC. The same is then presented to the Management for approval.
- Working committee for 12th UGC plan monitors needs of researchers in terms of infrastructure and equipment
- The research committee mentors junior faculty on how to apply for research grants



3.3.3. Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facilities? If yes, what are the instruments/ facilities created during the last four years?

The college has been sanctioned Rs 1.5 crore under the 'UGC status of College with Potential for Excellence' scheme and will be availing the sanctioned amount towards developing research facilities in terms of laboratories and library upgradation.

The following equipment has been bought by faculty under minor/ major research grants and has been retained by the institution:

Minor Research (2012-14)	Major Research (2010-2012)	On-going (2015-2017)	On-going (2015-2017)
Mrs. Sugandha Lad	Dr. Mala Pandurang	Mrs. Alka Pant	Mrs. Vinaya Vaishampayan
Acer As 4752z Laptop and Laptop mouse	3 year subscription to Quick Heal Internet Security	Laptop	Composite food scales
HPDA Toner	Lenovo Laptop 5932-8520	Toner	Weighing scale digital
Pen drive/CD	1.16 GB USB Drive	Pen drive/CD	Measuring cups, spoons
Laptop mouse	Digi Flip Spy PD004 16 GB Pen Drive	Printer	
Spike guard	HP Laptop Battery	Spike guard	

3.3.4. What are the research facilities made available to the students and research scholars outside the campus/ other research laboratories?

In order to give undergraduate students exposure to research culture, visits are organized to the following labs and library facilities:

- Postgraduate Department of Home Science, SNDT Women's University
- Garware Institute of Career Development, Mumbai University
- Institute of Chemical Technology (ICT)
- Veermata Jijabhai Technical Institute (VJTI)
- Silk and Art Synthetic Mills Research Association (SASMIRA)
- Bombay Textiles Research Association (BTRA)
- Central Institute for Research on Cotton Technology (CIRCOT)

3.3.5 Provide details on the library/ information resource center or any other facilities available specifically for the researchers?

The following facilities are available for purpose of research:

- Access to data bases via institutional membership with Infilbnet N-List and American library which gives access to a large number of e-journals
- Wi-Fi facilities, access to desktop computers, laptop, printing and scanning facilities
- Books on research methodology in the library
- Designated space in library for writing purposes



3.3.6 What are the collaborative researches facilities developed/ created by the research institutes on the college? For ex. Laboratories, library, instruments, computers, new technology etc.

- Ethical committee which processes research proposals from candidates outside the institution
- Subscription to online e-journals and databases by the library
- Guest lectures by experts from research organizations such as Institute of Chemical Technology (ICT), Silk and Art Synthetic Mills Research Association (SASMIRA), Central Institute for Research on Cotton Technology (CIRCOT) and Wool Research Association

3.4 Research Publications and Awards

3.4.1 Highlight the major research achievements of the staff and students in terms of:

Original research contributing to product improvement –

The Dept. of Food Science and Nutrition has collaborated with the industry on projects on food development:

Sr. No.	Name of the organization	Purpose	Duration
1.	Marico Industries	To develop 45 recipes (15 recipes each) from Saffola Oats suitable for patients suffering from Diabetes/ CVD/ Obesity	2012 (one year)
2.	Paawak Foods Pvt Ltd	Microbial analysis, sensory evaluation & nutritional labeling of modified food products with paawak organic jaggery	2012
3.	Pepsico India Ltd.	To develop research based Technical Fact sheets for Regulatory Department, Patients suffering from lifestyle diseases (Diabetes mellitus/ Cardio vascular disease/ Obesity/ Hypertension) and their management through lifestyle modifications & healthy dietary recommendations.	2013 (one year)
4.	Marico Industries	Evaluation of whether Saffola Muesli is a healthier choice when compared to other brands	2013(One year)
5.	Chinikum	Microbial Analysis, Sensory Evaluation & Nutritional Labelling of Modified Food Products	2014(One year)

Project undertaken with the intention of strengthening Industry-institution interaction.

Sr. No	Name of the organization	Purpose	Duration
1	Vissco Rehabilitation Aids Private Ltd	Project on testing of medical textile products	2014

Research studies or surveys benefiting the community or improving the services undertaken by the N.S.S Unit



Date	Details
Nov 2014	Survey on Social harassment through Online Social Networking
28.12.2014	Survey of livelihood of parents in padas of Talasari. Conducted in collaboration with the rural community development centre school.
25.12.2015 26.12.2015	Survey on sexual harassment, eve teasing and gender discrimination

Survey accepted for publication:

Survey on 'Student perceptions of English in an undergraduate women's college in Mumbai' undertaken by Prof Mala Pandurang, Faculty in English has been accepted for publication in People's Linguistic Survey. Volume 37 No 3. Series Editor Prof Ganesh Devy. New Delhi: Orient Black Swan (Forthcoming).

Staff members have written books, published articles, and made presentations at international, national and state level conferences on the nature and results of their research. As a result of sustained efforts and in recognition of their expertise, faculty have served on the following research oriented bodies:

Name of the Faculty/Designation	Details of Representation
Dr. Shilpa P. Charankar, Principal/HOD Textile Science and Apparel Design	<ul style="list-style-type: none"> Member of Panel of Referees. <i>Research Imprints</i>, journal of P.N. Doshi Women's College of Arts, Ghatkopar Peer Reviewer of <i>Research Reach. Journal of Home Science</i>, Nirmala Niketan, Mumbai.
Prof. Dr. Mala Pandurang, Vice principal & HOD, Dept. of English, IQAC Coordinator	<ul style="list-style-type: none"> External Evaluator of Post-doctoral fellowship applicants to BEIPD-COFUND, University of Liege, Belgium Evaluator of Post-doctoral research grants, South African National Research Foundation Vice-Chancellor's nominee, National Level Expert on Board of Studies for English. Central University, Jharkand. Advisory Committee. Diasporic Constructions of Home and Belonging. Indian Diaspora Centre (CoHABIDC) Reviews Editors, <i>Journal of South Asian Diaspora</i>. Rutledge: UK Series Editor of <i>Postcolonial Lives</i>. Brill:Amsterdam
Mrs. Anuradha Shekhar HOD Department of Food science and Nutrition	<ul style="list-style-type: none"> Consultant of E- vaidya. A consultation portal for Nutritional problems. Editorial board member of Acta Scientifica and Signpost Journals Member of Review committee for the <i>Journal of Human Ecology</i>



	<ul style="list-style-type: none"> Member of editorial Board of <i>Int. Journal of Medicine and Allied Health Science</i>
Dr. Kirti Pathak (HOD, Dept. of Human Development)	Peer review member for <i>Research Imprints</i> , Journal of P.N. Doshi Women's College of Arts, Ghatkopar
Dr. Rupali Sengupta	<ul style="list-style-type: none"> Member of Board of Studies Periyar University Consultant: Marico, Pepsico, Chinikum and Paawak Food Ltd. Coordinator, SMES Ethics committee Member of Review Committee for <i>Science International Domain Journal</i>, UK.

3.4.2 Does the institute publish or partner in publication of research journal(s)? If yes, indicate the composition of the editorial board, publication policies and whether such publication is listed in any international database?

The institute has a research journal 'Ideas' (ISSN NO.2320-0162) which is published annually. Editor in-chief is Mrs Vinaya Vaishampayam. Members of the editorial board are HODS of the 5 departments.

Advisory Committee of the Journal:

- Dr. Prerna Mohite (Retired head, Dept. of Human Development and Family Studies, Faculty of Family and Community Sciences. MS University Baroda)
- Professor Manisha Shukul (Former Dean of Faculty of Family and Community Sciences and Head of the dept. of Family and Community Resource Management. MS University Baroda)
- Dr. Subhadra Mandalika (Associate professor, Dept. of Foods, Nutrition and Dietetics and Course Coordinator M.Sc. Sports Nutrition. Nirmala Niketan College of Home Science, Mumbai)
- Dr. Ela Dedhia (Head of Department (Textile), Nirmal Niketan College of Home Science, Mumbai).

Other publications include:

- Conference proceedings of UGC sponsored National seminar on 'Sustainable Tourism' organised by dept. of Resource Management in collaboration with MTDC (published as an additional supplementary of 'Ideas' ISSN No. 2320-0162)
- Proceedings of the NAAC sponsored National Seminar on 'Best Practices on Teaching-Learning and Evaluation'. ISBN 978-93-5258-741-1
- Project reports of PUKAR Youth Fellowship Program
- 'In Search of Kasturba. An Autobiographical reading of the Mahatma and his wife'. Monograph. Gandhian Studies Centre. ISBN 978-93-5258-741-2

3.4.3 Give details of publications by the faculty and students:

Scopus:

Name of Faculty	No of articles cited under Scopus
Prof. Mala Pandurang	5
Dr. Rupali Sengupta	2

No of articles in indexed journals (source Google Scholar citations):



Prof. Mala Pandurang:

Citation indices	All	Since 2012
Citations	145	90
h-index	7	6
i10-index	3	2

Mrs. Anuradha Shekhar:

Citation indices	All	Since 2011
Citations	15	14
h-index	1	1
i10-index	1	1

**SP Charankar, Gupta Mittu and
Veena Verma**

Citation indices	All	Since 2011
Citations	9	9
h-index	1	1
i10-index	0	0

Total No of publications by Faculty:

	2011-12	2012-13	2013-14	2014-15	2015-16	TOTAL
Books	0	0	0	1	1	2
Papers in Journals	6	4	21	17	14	62
Edited Chapters	3	2	2	4	3	14
Conference Proceedings	3	1	9	6	12	31
Articles/ Any Other / Book Review	1	4	0	1	3	9

Faculty Publications with Students:

	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	TOTAL
Books	0	1	0	0	0	0	1
Papers in Journals	0	3	7	12	15	10	47
Conference Proceedings	0	1	0	0	0	1	2

Students Publications:

	2011-12	2012-13	2013-14	2014-15	2015-16	TOTAL
Papers in Journals	0	0	2	0	2	4

Compiled list of Publications between 2011 and 2016 in Annexure No.13



3.4.4 Provide details (if any) of Research awards received by the faculty and recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally incentives given to faculty for receiving state, national and international recognitions for research contributions.

Awards/Recognition received by Faculty

International Level:

Name of Faculty	Details	Year
Prof. Mala Pandurang (Vice-Principal/IQAC coordinator)	'In-UK Research Grant from the Charles Wallace Foundation for research at the British Library, London.	2012
	External evaluator of post-doctoral fellowship applicants to BEIPD-COFUND, University of Liege, Belgium, and evaluator of post-doctoral research grants to the South African National Research Foundation.	2014-2016
	Nominated as representative of SNDT Women's University to attend 'First Global Alliance on Media and Gender' organized by UNESCO at the Palais des Nations, Geneva.	2015
	Short term research grant from the Alexander von Humboldt Foundation (Bonn) for a month stay at University of Chemnitz, Germany	2016

National Level:

Name of Faculty	Details	Year
Dr. Shilpa P. Charankar (Principal)	Awarded 'Fellow of the Textile Association (FTA)' by The Textile Association India	2016

State Level:

Name of Faculty	Details	Year
Prof. Mala Pandurang	Received the SNDT Women's University 'Maharshi Karve Utkrushta Shikshak Puraskar' (Best Teacher Award) for 2013-2014 from the Governor of Maharashtra Shri Sankaranarayanan	2014
Dr. Shilpa P. Charankar (Principal)	'Best Woman Achiever Award' from the Nehru Yuva Kendra, Mumbai Govt. of India	2016

Other Awards:

Name of Faculty	Details	Year
Mrs. Anuradha Shekhar (HOD, Food Science and Nutrition)	Felicitated by Lions Club of Sion for her dedicated service in the field of Education	2012
	Felicitated by Lions Club International District 323 A1 in recognition of 'Dedication, devotion and services rendered in the field of Education', at Colaba	2012



	Awarded 'Shiksha Ratan Puraskar' - a certificate of Excellence and a trophy for meritorious services by Dr. Bhisma Narian Singh, Former Governor, by India International Friendship Society, New Delhi	2012
Dr. Rashmi Vyavaharkar	Received the 'Par excellence award' from Pathare Prabhu Charities in recognition of her PhD	2012
	Received a Silver Medal from Pathare Prabhu Mahila Samaj	2013
	Awarded a certificate of appreciation from Lions Clubs International, District 323 A1 for her dedicated service to the field of education	2014
Dr. Rashmi Vyavaharkar and Mrs. Alka Pant	Felicitated on occasion of Teacher's Day by NGO Shraddhanand Mahila Ashram	2013
Mr. Shahajahan Khan	Awarded a certificate of appreciation from Lions Club, Sion for his dedicated service to the field of education	2014
	Teaching Excellence Award 2015 from Lions Club International District 323-A1 for his dedicated service to the field of education	2015
Mrs. Sugandha K. Lad	Felicitated by Shraddhanand Mahila Ashram on Teachers' Day for her contribution to social welfare through NSS activities for their Ashram.	2015
Dr. Kirti Pathak	Felicitated by Shraddhanand Mahila Ashram on Teachers' Day for her contribution to social welfare	2015

The following faculty members have received travel Grants from the UGC
2014-2015

Name of the Scheme	Year	Amount Sanctioned in (₹)
Prof. Mala Pandurang	2012	60000
Dr. Meena Mehta	2014-2015	106594
Mrs. Anuradha Shekhar	2014-2015	109916
Total		276510

The college has consistently won prizes from 2011- 2016 at the Best Educational Quality Enhancement Team (BEQET) competition organized by the National Centre for Quality Management (NCQM) for projects undertaken to enhance quality standards of the institution. (* the college has also won awards in 2006 and 2010)

Year	Team	Project Title
2012-2013	Faculty Dept. of Computer Applications)	First prize for project on "Enhancing Employability Skills"
2013-2014	Faculty of Career Oriented Program	Second prize for project on 'Enhancing Wellness Index of the Non-Teaching Staff'



2014-2015	Department of Textile Science and Apparel Design	Second prize for project on “Upgrading Infrastructure for Enhancing Skills’
2014-2015	Department of Computer Applications	Third prize for project on “Implementation of Strategies to Improve and sustain enrolment”
2015-16	Department of Computer Applications	Second prize for project on ‘SHRISTEE- Erase E-waste’

Faculty are personally congratulated by the Management during the Governing council meetings. They are also felicitated during the annual Teachers’ Day function.

3.5 Consultancy

3.5.1 Give details of the systems and strategies for establishing institute-industry interface?

The institute has established a strong institute –industry interface through the following activities:

- TY Students of B.Sc. are placed for their internship in industries and organizations related to their specialization in the VIth Semester. We have established a steady ongoing relationship with several companies. (For details please refer to 1.1.5)
- Experts and resource persons are invited from the Industry for guest lectures. For example BCA department invites experts from industry to conduct 5% of the syllabus.
- Experts from the industry are invited as members of the jury for evaluating internship reports in the VIth Semester. They offer invaluable feedback to students on the expectations of the market place.
- Experts from industry are also invited to speak on career possibilities as part of the FY orientation for major selection at the end of the II semester.
- The college has established linkages with companies such as with Marico, Pepsico, Vissco, Neoteric, Chinikum, Pawaak and Easy to eat Foods which has led to collaborative projects.
- Mr. Milind Rane, Deputy General Manager HR at Hardcastle Petrofer Pvt. Ltd, is a member of the LMC committee of BCA, and Dr. Prabodh Halde, Head (International Regulatory Affairs) Marico Industries is a member of the LMC committee of M.Sc. CND.
- Eminent members of industry have been invited as chief guest for events such as the inauguration function of the intercollegiate technical festival Tekzone, and National level seminars. For e.g. Ms. Sunita Bhaskaran (Head, Oracle Practice, ATOS India), Mr. Sankar Ghosh (MD, Solution Architecture, Accenture), Mr. Nanasaheb Shendkar (Environmentalism and Chairman at Aartist group of companies)
- Members from industry are invited to be part of mock interviews which are conducted at TY Level as part of the soft skills course.



3.5.2 What is the stated policy of the institution to promote consultancy? How is the available expertise advocated and publicized?

IQAC has accepted the guidelines for consultancy of SNDTWU as passed in the Academic Council meeting dated 19th April 2012, wherein consultancy is categorized into two types: 1) activities which bring in remuneration through the use of expertise of a faculty member. (2) activities which focuses on sharing of specific knowledge and expertise of faculty members and does not necessarily bring in remuneration

Under the first type, the college has two projects:

a. Consultancy project with SASMIRA Institute of Textiles and Management and Khadi and Village Industries Commission (KVIC) for a project titled, “Ergonomic Evaluation of Ten - Spindle Charkha” developed by Udyog Bharati, Gondal Surat District for ` 90, 000/- (2016 -2017). Principal Investigator Ms. Roma Gandhi.

b. Nutritional counseling to create awareness among parents & children about lifestyle disorders, Amulakh Amichand School for ` 50000/- (2016-2017). Principal Investigator Dr. Rupali Sengupta.

Under the second category, our faculty actively participate in social consultancy for NGOs on issues such as community nutrition, health and hygiene, early childhood education, and research related projects. While there is no monetary revenue generated, the reward to the college is in terms of tremendous satisfaction of having contributed towards social betterment.

- i. After the second reaccreditation cycle wherein we got A grade with grade point of 3.64/4, colleges consulted our institute on how to prepare the NAAC Self-study report. Principal Dr. Shilpa Charankar has been invited to share expertise on preparing the RAR at the B.M Ruia College, Smt. MMP Shah College of Arts and Commerce, and Loni SNDT College.
- ii. Vice-Principal Prof Mala Pandurang is an external expert on the IQAC of Maniben Nanavati College, Vile Parle. She has been invited to speak on “Consultancy Possibilities: Arts and Humanities” by Bhavan’s College on 30th August 2016, and on “Academic-Industry Collaboration Consultancy: A perspective from the Arts and Humanities at Lala Lajput Rai college on 26th August 2016. She was invited by PUKAR to mainstream their ‘Community based Participatory Action Research’(CBPAR) course targeted at undergraduates in 2014.
- iii. Mrs. Anuradha Shekhar (HOD, FSN) is a co-opted Member of AFSTI Mumbai Chapter and in-charge of their student welfare programs.
- iv. Dr. Rupali Sengupta has been involved in setting up the curriculum for the M.Sc. program in Nutrition and Dietetics at Perriyar University.
- v. Dr. Rashmi Vyvaharkar (Associate Professor, HD Dept.) collaborated with NGO Stree Mukti Sanghatana to prepare the syllabi for a certificate course in crèche and balwadi teachers training.
- vi. Dr. Meena Mehta has been a member of the organizing committee of the Indian Dietetics Association for a number of their events



In addition faculty members are also on peer-review boards of academic journals such as *Journal of Human Ecology*, *Science International Domain Journal*, *Journal of South Asian Diaspora*, *Journal of Medicine and Allied Health Science*, *Research Reach Journal of Home Science*.

Publicity of expertise available for consultancy is mainly generated by interaction on one-to-one basis, and through networking with institutions and NGOs.

3.5.3 How does the institution encourage the staff to utilize their expertise and available facilities for consultancy services?

The institution acknowledges staff members who have offered consultancy by special mention of their efforts during staff meetings and by appreciation by the Management during the Governing Council meetings. They are sanctioned duty leave as and when necessary.

3.5.4 List the broad areas and major consultancy services provided by the institution and the revenue generated during the last four years.

Consultancy project with SASMIRA Institute of Textiles and Management and Khadi and Village Industries Commission (KVIC) for a project titled, "Ergonomic Evaluation of Ten - Spindle Charkha" developed by Udyog Bharati, Gondal Surat District for Rs.90, 000/-. Principal Investigator Ms. Roma Gandhi

Nutritional counseling to create awareness among parents & children about lifestyle disorders, Amulakh Amichand School for Rs. 50000/-. Principal Investigator Dr. Rupali Sengupta.

3.5.5 What is the policy of the institution on sharing the income generated through consultancy (staff involved: Institution) and its use for institutional development?

The IQAC has accepted the guidelines of the SNDTWU for promoting research, consultancy and extension, as passed in the Academic council dated 19th April 2012. However, the nature of consultancy offered is social consultancy wherein the specific knowledge and expertise of faculty members is a major input.

3.6 Extension Activities and Institutional Social Responsibilities (ISR)

3.6.1 How does the institution promote institution-neighborhood-community network and student engagement, contributing to good citizenship, service orientation and holistic development of students?

We place special emphasis on community oriented activities. To ensure maximum participation of students, they are engaged in activities organized by the NSS unit, gender sensitization programs of Jagar Janivancha Abhiyan and the Gandhian Studies Centre. Each department also integrates outreach programs while imparting the curriculum. Faculty participate actively in social



outreach programs. Non-teaching faculty members are also involved in organizing programs such as blood donation camps, satyanarayan puja for the neighbourhood and NSS Special camps.

Activities organized to promote institution-neighborhood-community network include the following:

Our Institution strives towards building community- networks in a meaningful way. We make every effort to sustain mutually beneficial partnerships which have been built with different welfare organizations. Outreach activities contribute to the holistic development of students, who learn to imbibe an attitude of service before self.

The Dept. of Human Development works with the following organisations in the neighborhood:

- Shradhanand Mahila Ashram (Matunga)
- Ashadeep Orphanage (Andheri).
- Manav Seva Sangh Home for Senior Citizens (Sion)
- Stree Mukti Sanghatana (Chembur and Govandi)
- Kamala Mehta School for Blind (Dadar)
- Mobile Crèches (Wadala)
- Save the Children (Bandra)

During their fieldwork and internship, students engage children in the above welfare organisations in activities to foster the creative, cognitive and physical development of children.

The neighborhood community reciprocates by participating in the 'Balmela' which the department organizes every year. Students are also involved in an integrated program between our Prangan experimental nursery, and socially disadvantaged children of Shradhanand Mahila Ashram to celebrate the Ganpati Festival.

The Department initiated a 32 hour certificate course on "Crèche and Balwadi Teachers Training" in collaboration with NGO Stree Mukti Sanghatana in 2015. The objective of the program is to enable women from lower economic strata to become successful crèche and balwadi teachers and entrepreneurs.

Our college has an ongoing project with the NGO THRED (Trust for Human Resource Enrichment & Development) wherein students are mentored to bridge the gap between generations. Student volunteers befriend at least 4 senior citizens and interact with their adopted senior citizens (individually) for a minimum of 2 hours in a week over a period of at least 8-10 weeks. Students learn to show empathy and compassion towards the senior citizens.

The Dept. of Food Science and Nutrition conducts nutrition education programs every year in collaboration with Chota Sion Hospital. Activities included nutrition demonstrations, puppet shows street plays and nutrition related games. Awareness programs are also conducted on the importance of breast feeding. As part of this initiative, students also created awareness on healthy practices to be followed for a healthy lifestyle through a demonstration of multi-nutrient



recipes to mothers of children under five. Students of Nutrition and Dietetics have performed street plays on campus on health related topics such as stress management, prevention of cancer and diabetes. They also conducted a workshop on nutrition for 50 menopausal women between age 40-50 years on 17th March 2016 at Navy Nagar, with the emphasis on foods rich in phytoestrogen. The students prepared brochures for the same.

Students of the Dept. of Textile Science and Apparel Design have conducted activities for underprivileged girls at Ashadeep Association, Andheri (sponsored by Cipla Pharmaceuticals. Co) from October to November 2013. Activities included teaching underprivileged girls and women different techniques of fabric painting, lantern making and diya decorations. Mrs. Sugandha Lad and Mrs. Pradnya Ambre along with 4 TY BSc students conducted a training workshop in fabric painting and embroidery for the marginalized section of the society in collaboration with Dept. of Fiber and Textile Processing Technology, Institute of Chemical Technology, Mumbai in October 2016.

Students of BCA have volunteered as writers for blind students for the Indira Gandhi Open University MCA exams. In 2012-2013, the department successfully conducted IGNOU examination for 100 blind and visually impaired MCA students

NSS students regularly participate in pulse polio drives in the locality, as well as blood donation drives on campus for the benefit of the Lokmanya Tilak Sion Hospital. The Rotary Club of Bombay Uptown coordinates with the NSS Unit on an ongoing basis for health awareness programs/health check-ups. Student volunteers have worked in the following communities during the annual NSS Camps conducted in December every year.

- 2011: Mangalpada and Comrade Godavari S. Parulekar Junior College with collaboration with Rural Community Development Center at Talasari, Ashadeep Balwadi at Andheri and Goregaon
- 2012: Ashadeep Association Centres at Bamanwada, Mahakali Caves, Shakti Center, Sahar Village (Andheri) and Dindoshi Center (Goregaon). In addition to social outreach activities a survey was conducted on eve teasing and sexual harassment.
- 2013: Ashadeep Association (Mahakali Cave, Dindoshi Center - Goregaon), Shradhanand Ashram (Matunga), YWCA (Bhandup, Ghatkopar and Chembur), Ashadeep Association (Ghatkopar), Shradhanand Ashram.
- 2014: Community work for children at Rural Community Development Center Talasari. Field visits to nearby Padas of Talasari for survey of livelihood in Padas. Street Play performances on the themes of Women Empowerment, Water Conservation and Plastic Free environment.
- 2015: Community work in slum areas of Govandi and Chembur in collaboration with Stree Mukti Sanghatana. Areas of focus included a survey on sexual harassment, eve teasing and gender discrimination; creativity sessions; and skills training in embroidery and jewelry making.

Other ventures to prepare students for good citizenship are as follows:

12 students were invited to present radio shows on the following topics:

(1) Trends and Addiction (2) A discussion on Suburban Trains i. e. Western, Central and Harbour pertaining to problems and comforts of women and (3) A



story by Munshi Premchand in narration form. The broadcast of these two programs was on 15th November and 22nd November 2016 respectively under YUVANI Program of SAMVADITA Channel MW 287.3 meters i.e.1044 kHz

Students' council members actively participated in the "I vote for a Better India" (IVBI) campaign inter-collegiate competition called Vote-a-thon on 6th February 2015. The college received 1st prize for the category of under 1500.

The Gandhian Studies Centre conducts activities to create awareness about Gandhian thought and action, thereby promoting ideals of good citizenship, in association with Sarvodaya Mandal and Khadi Gram Udyog. Volunteers have participated in Swacha Bharath Abhiyan cleanliness drives.

Extension activities for the last five years Annexure No.14

NSS activities for the last five year in Annexure No. 15

3.6.2 What is the Institutional mechanism to track students' involvement in various social movement/ activities which promote citizenship roles?

Extension activities are an integral component of the Home Science discipline. The institution promotes participation by students and faculty on a regular basis by conducting a number of activities in collaboration with welfare organizations such as Shradhanand Mahila Ashram (Matunga), Ashadeep Orphanage (Andheri), Manav Seva Sangh home for senior citizens (Sion) and Stree Mukti Sanghatana (Slum areas in Govandi and Chembur).

A calendar of extension activities is planned at the beginning of the semester. Mrs. Alka Pant has been appointed as faculty in-charge of coordinating extension activities by means of internship placements, fieldwork related to curriculum and voluntary extension activities.

The Human Development dept. ensures that students are placed in social outreach organizations for their internship and fieldwork, including mobile crèches in urban areas, and the Rural Development Centre at Talasari and rural balwadi centres in Lonavla and Wada. Their participation is monitored and evaluated by the department, and the feedback on the students' participation is taken from organizations where they have been placed.

Activities of the NSS Unit are coordinated by four NSS Program officers. The NSS Calendar is planned at the beginning of the academic year and is in consonance with the calendar of the NSS unit of the University. The NSS program officers meet once a month every Monday with the Principal to discuss the plan of action and progress of work. The N.S.S unit organizes an orientation program at the beginning of the academic year to encourage students to volunteer for extension activities. Workshops are conducted to train students such as the annual street play and script writing workshop held on 1st August every year. All activities are reported on a quarterly basis. The sharing of experiences during special camp valedictory function, as well as during the NSS Annual day serves as an important feedback mechanism. Due recognition is given to NSS Volunteers by awarding certificates and the best N.S.S Volunteer



trophy.

3.6.3 How does the institution solicit stakeholder perception on the overall performances and quality of the institution?

- Student-teacher evaluation is conducted at the end of every semester for theory and practical classes, on parameters like punctuality, discipline, innovative teaching aids used, percentage of interactive sessions conducted, explanation and understanding by the students, additional information beyond syllabus and teachers accessibility. The Principal confers with each teacher over areas of possible improvement.
- Final year students fill an exit form wherein they offer suggestions and feedback on the academic and student support mechanisms.
- Final year students submit an exit form to evaluate services provided by the library and its support staff.
- Student satisfaction feedback mechanism solicits responses from students in terms of infrastructure, administrative procedures and student support services.
- PTA meetings are held twice a year. This allows for interface between Principal, teachers and parents.
- Staff satisfaction engagement questionnaire is given to the teaching staff every alternate year. Teachers evaluate the institution on the basis of infrastructure provided, administrative functioning and interpersonal communication.
- Alumnae are members of the LMC of the BCA and M.Sc. sections, and also on the IQAC. Our alumnae are active on social media groups on Facebook and WhatsApp. Alumnae offer feedback when they are invited for guest lectures, PTA meets and annual alumnae meet.
- Potential employers (places of internship) return a feedback form on the employability quotient of students, on the basis of technical skills and soft skills. Industry experts who are invited as subject moderators for TY presentations also offer feedback on the performance of students from the perspective of employability.

3.6.4 How does the institution plan and organize its extension and outreach programmes? Providing the budgetary details for last four years, list the major extension and outreach programmes and their impact on the overall development of students.

The budget for N.S.S. activities is prepared as per the guidelines from the government of Maharashtra and SNDTWU.

Other social outreach programs that receive support in cash and in kind include the following sources:

Name of event	Supporting organization
Intergenerational—interaction project	THRED (Trust for Human Resource Enrichment and Development) `10 000/-



Health check- up camps for eye, dental and anemia detection up	Sponsored by Rotary Club of Bombay Uptown and the Lions Club of Sion.
Thalassemia detection camp	Sponsored by Inner Wheel Club of Bombay Downtown, Rotary Club of Worli, Lions Club of Sion.
Rubella Vaccination camp	Sponsored by Inner Wheel Club, Rotary Club of Worli, Lions Club of Sion
Blood donation drive	Sponsored by Lions club of Sion, and Sion hospital
Nutrition week / Breast Feeding week activities	Sponsored by Marico Industries/ Maternity hospitals like Chota Sion
Smt. Dakshaben Pathak Memorial Annual Public lecture series on issues related to women and health	Supported through endowment given by Hon. Secretary of SMES Dr. Bharatbhai Pathak
NSS Activities in skill training of women and adolescent girls in embroidery and stitching, in low income communities	Supported by Stree Mukti Sanghatana Program

Impact on overall Development:

Students are encouraged to transfer skills they have imbibed from the college to the community. In time, they develop a sense of bonding with the community, and also a sense of responsibility to work towards the upliftment of the unprivileged. Students are taught to respect diversity and the values of secularism. They improve their communication skills, time management skills, problem solving skills, team work, leadership qualities, organization skills and analytical skills. Several of our alumnae have taken up careers with NGOs and continue to work with the community even after graduation.

3.6.5 How does the institution promote the participation of students and faculty in extension activities including participation in NSS, NCC, YRC and other National/International agencies?

The NSS unit conducts an orientation at the beginning of the academic year to create awareness about its extension activities. Details of events are posted on the notice board and also circulated on social media. Regular announcements are made to invite student participation. Added incentives are participation certificates, deputing students for leadership and other such camps, and the best NSS Volunteer trophy that is given at the end of the academic year.

NSS Activities in Annexure No.15

3.6.6 Give details of social surveys, research or extension work (if any) undertaken by the college to ensure social justice and empower students from under-privileged and vulnerable sections of society?



An extensive survey on household food consumption with emphasis on processed food was undertaken by students of M.Sc. Clinical Nutrition and Dietetics (II) in collaboration with Protein Foods and Nutrition Development Association of India (PFNDAI) in 2016. The survey was conducted keeping in mind the increasing impact of processed food on the nutritional status of youth viz. malnutrition/ under nutrition and obesity.

The following surveys have also been conducted by students on the Dept. of M.Sc. in Clinical Nutrition and Dietetics as part of their project work:

Date	Details
Sept. 2014-Jan. 2015	Effect of supplementation of tulsi leaves and curry leaves on type-II diabetic patients at Central Mumbai
Oct. 2014-Feb. 2015	Effect of nutrition education program on dietary eating patterns of adolescent girls (16-19 yrs.) in Mumbai at DR BMN college of Home Science
Oct. 2014-Feb 2015	Effect of barley & wheat bran on overweight people (19-35 yrs.)
Sept 2014-Jan 2015	Assessment of dietary patterns among school going children in the age-group (9-15 years)
Sept.2014-Dec. 2014	Consumption of fast food and quality of living index in hostelites and day scholars between the age group of 18-23 yrs. in Mumbai at SNDT Women's University Hostel
Sept. 2014-Dec. 2014	Comparative study of nutritional status, dietary patterns and body composition in Gujarati & Punjabi community of 20-25yrs of age in Mumbai at Central Mumbai
Sept. 2014-Dec. 2014	Effect of excessive coffee consumption in BPO working executives between the age group of 25-40 years in TCS at BPO Executives at Thane District
Oct. 2014-Jan. 2015	To study the dietary pattern and factors influencing food choices with the incidence of dental cavities in children (6-8 yrs.) at Central Mumbai

Survey to understand contemporary intergenerational-interactions:

9 faculty members along with 90 students worked on a project as conceptualized by NGO THRED (Trust for Human Resource Enrichment & Development)). Each volunteer had to befriend 4 senior citizens and interact with their adopted senior citizen friends for at least two hours in a week, over a period for at least 8-10 weeks. A quantitative and qualitative analysis of their interaction has been compiled.

Surveys undertaken by the NSS Unit:

Date	Details
Nov 2014	Survey on Social harassment through online social networking
Dec.2014	Survey of livelihood of parents in nearby Padas (in collaboration with Rural Community Development Centre School, Talasari)
Dec. 2015	Survey on sexual harassment, eve teasing and gender discrimination

Under the PUKAR youth fellowship program, student groups have conducted surveys on the following contemporary social issues:



Year	Topic
2012-2013	An explorative study of groups of working women travelling in local trains of Mumbai
	Aspirations of mothers
2014-2015	Problems and strengths of students from non-English medium while studying in a college of English medium
	Attitudes of family towards participation of girls in sports
	Factors affecting food choices of College going girls
2015-2016	A study of sources of beliefs and practices followed during menstruation
	Importance of sex education for college girls
	Governance of the weekly market at Vashi, New Mumbai

3.6.7 Reflecting on objectives and expected outcomes of the extension activities organized by the institution, comment on how they complement students' academic learning experience and specify the values and skills inculcated.

Broad objectives of extension activities:

- To create awareness about social issues especially related to women, health and hygiene
- To inculcate a humanistic outlook in students through community outreach programmes.

Outcomes:

- The institution has been able to organize at least 4 need based programs in a year in collaboration with different welfare organizations such as Shradhanand Mahila Ashram (Matunga), Ashadeep Orphanage (Andheri), Manav Seva Sangh home for senior citizens (Sion) and Stree Mukti Sanghatana (Slum areas in Govandi and Chembur).
- Students have benefited from organizing skill development programmes for marginalized sections of society (especially women, adolescent girls and slum children) in the communities mentioned above.
- On an average 75% of the students participate in outreach activities of some kind or the other every year. We believe in involving as many students as possible in extension activities as the experience will sensitize students to pressing social issues, thereby making them conscientious citizens.
- Students have learnt how to give back to society by sharing the knowledge and skills learnt in their specializations. In this manner, students develop a sense of responsibility and transfer their knowledge from the campus to the community.

3.6.8 How does the institution ensure the involvement of the community in its reach out activities and contribute to community development? Detail on the initiatives of the institution that encourage community participation in its activities?



The initiatives taken to ensure community participation is as follows:

Community participation	Nature of involvement	No of Students involved	Beneficiaries
Rotary Club of Bombay Uptown and Lions Club of Sion, and Inner Wheel Club of Bombay Downtown	Health related programs, health checkup	50 NSS Volunteers	Students of Dr. BMN College as well as students of other courses of SMES on campus
THRED (Trust for Human Resource enrichment and Development)	Intergenerational Interaction with Senior Citizens	90 students	300 Senior Citizens
Sion Hospital	Community nutrition programs	50 students of Food Science and Nutrition	350 mothers
Stree Mukti Sanghatana	Working with rag pickers, underprivileged girls and women, understanding the processes of waste segregation	100 NSS Volunteers	Members at underprivileged communities at Chembur and Govandi
Mumbai Sarvodaya Mandal	Gandhi Studies exams held every year. Peace Rally, Lectures organized under Gandhian Studies Centre	30 Volunteers of Gandhian Studies Centre	250 students of FY B.Sc. and FY BCA
Aadipath Foundation	Programs related to gender sensitization	100 NSS Volunteers	200 students of B.Sc. and BCA programs
AFST (I)	Programs related to Nutrition awareness	50 students	350 students on campus

3.6.9 Give details on the constructive relationships forged (if any) with other institutions of the locality for working on various outreach and extension activities

We have strengthened our constructive relationships with the following institutions in the locality over the last five years (2011-2016):

Name of institution	Nature of extension activities
Manav Seva Sangh	Outreach activities for elderly
Shraddanand Mahila Ashram	Outreach activities for children at the ashram

NSS Unit of Smt. MMP Shah College of Arts and Commerce	Collaborative activities with NSS Unit such as blood donation camps and tree plantation drive.
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Lion's Club of Sion	Blood donation drive, health camps, tree plantation, rubella vaccination
Inner Wheel Club of Bombay Downtown and Rotary Club of Bombay Uptown	Thalassemia checkup camps, rubella vaccination
Amulakh Amichand School	Using of sports ground. Participation of school children in Balmela organised by the HD Dept, Gandhi Jayanti event by Gandhian Studies Centre, and Pratham reading event conducted at the school by college students
Chota Sion Hospital	Community nutrition programs/promotion of breast feeding awareness campaigns
Save the Children Organisation	Community nutrition and health programs

3.6.10 Give details of awards received by the institution for extension activities and contributions to the social/community development during the last four years.

Awards received by Institution

The institution received the following awards from the Government of Maharashtra for its Jagar Janivancha Abhiyan programs on Gender Sensitization: 2nd prize at District Level and 1st prize at University Level in 2012-2013 & 2nd Prize at State Level, 1st prize at District Level and 1st Prize at University Level in 2013-2014.

Faculty Awards

Mr. Nitin Pawar (NSS program officer) received special mention of appreciation for his contribution to social work from Government of Maharashtra in July 2016.

Dr. Rashmi Vyavaharkar and Mrs. Alka Pant were felicitated by Shraddhanand Mahila Ashram for their contribution to social welfare on 7th September, 2013. Mrs. Sugandha K. Lad and Dr. Kirti Pathak were felicitated by Shraddhanand Mahila Ashram for their contribution to social welfare on 5th Sept. 2015

Student achievements:

- Ms. Sneha Ambre and Ms. Vidya Nambiar were selected to participate at the Pre Republic Day parade selection camp held at Amravati in Sept. 2011.
- Ms. Sneha Ambre was awarded best volunteer's trophy at the Avhan Disaster Management Camp held from 29th May to 9th June 2012.
- NSS Volunteers won 2nd prize in a Street Play Competition organized by Women's Development Cell at Joshi Bedekar College, Thane on the topic "Women and Education" on 22nd August 2014. Ms. Akshata Pote and Ms. Sneha Kashid (SYBCA) won first prize at the intercollegiate documentary film making competition on the same theme.
- Students of Human Development Department and NSS Volunteers received the 2nd prize for the Republic day float display on the 'Green Power: Need of the Hour' organized by SNTD Women's University on 26th January 2016.

3.7 Collaboration



3.7.1 How does the institution collaborate and interact with research laboratories, institutes and industry for research activities. Cite examples and benefits accrued of the initiatives-collaborative research, staff exchange, sharing facilities and equipment, research scholarships etc.

- Students are placed in the Food industry/Textiles Industry/Hospitals/ Hotels /Schools and NGOs for their internship during the VIth Semester of the B.Sc. program this gives them the exposure to the latest in technology and equipment.
- Ms. Pradyna Ambre who is a faculty member is allowed to avail of laboratory facilities at Institute for Chemical Technology (ICT) for her PhD.
- College has collaborated on a project on preparing a benchmarking tool for higher education with PN Doshi College of Arts and Commerce (Ghatkophar) and M.D Shah Mahila College of Arts and Commerce (Malad)
- Students of TSAD are taken on field visits to research centers such as Synthetic and Art Silk Mills Research Association (SASMIRA), Central Institute for Research on Cotton Technology (CIRCOT)
- Students of BCA are taken for industrial visits to IT Companies such as Infosys and Wipro.

3.7.2 Provide details on the MoUs/collaborative arrangements (if any) with institutions of national importance/other universities/ industries/ Corporate (Corporate entities) etc. and how they have contributed to the development of the institution.

MOUs/collaborative arrangements have been instituted with the following corporate entities

Name of the organization	Purpose	Duration
Marico Industries	To develop 45 recipes (15 recipes each) from Saffola Oats suitable for patients suffering from Diabetes/ CVD/ Obesity	2012 (one year)
Pepsico India Ltd.	To develop research based technical fact sheets for patients suffering from lifestyle diseases (Diabetes mellitus/ Cardio vascular disease/ Obesity/ Hypertension)	2013 (one year)
Marico Industries	To evaluate whether Saffola Muesli is a healthier choice when compared to other brands	2013(One year)
Chinikum	Microbial analysis, sensory evaluation & nutritional labelling of modified food products	2014–2015 (One year)
Pepsico	Awareness of whole grains among school children in Mumbai	2013-2015
Vissco Rehabilitation Aids Private Ltd	Project on testing of medical textile products	2014-2015
Arighna Foods and Beverages	Placement of students for internship	2014-2015



‘Carepox Corporate Services Ltd’ a subsidiary of Neoteric Informatique Ltd.	‘KSHRujan’ certificate program in Entrepreneurial skills development program	2015 - 2016
SEED Infotech	Training SY Students on competitive exams for further studies and placement	2015-2016

a) With NGOs/Institutes

Name of the Organization	Purpose	Duration
Lion’s Club of Sion	Blood Donation Drive, Health Camps, Tree Plantation, Rubella Vaccination	2008 to date
Rotary Club of Bombay Uptown	Social outreach programs	2011 onwards
PN Doshi College of Arts and Commerce (Ghatkopar) and M.D Shah Mahila College of Arts and Commerce (Malad)	Preparing a Benchmarking tool for higher education	2013-2014
Partner for Urban Knowledge Action Research (PUKAR)	Certificate Program in “Research as Pedagogy, Advocacy and Transformation”	2014 onwards
Stree Mukti Sanghatana, Mumbai	Balwadi teachers training programme (Pre-crèche training)	2014 onwards
SMES College of Nursing	Health Care, First Aid training, Nutrition awareness programs	2014 onwards
Inner Wheel Club of Bombay Downtown	Health related projects	2014 onwards
NGO THRED (Trust for Human Resource Enrichment & Development)	Intergenerational Interaction between youth and senior citizens	2015 onwards
Amulakh Amichand School	Nutritional Consultancy: Enhancing wellness through anthropometric measurements and counselling (Dietary recall) and Demonstrations (Modified Food Products).-A step to prevent future lifestyle diseases in school going children	2016-2017

3.7.3 Give details (if any) on the industry-institution-community interactions that have contributed to the establishment/creation/up gradation of academic facilities, student and staff support, infrastructure facilities of the institution viz. laboratories/library/new technology/placement services etc.

Details of up-gradation of the infrastructure and equipment through industry-institution-community interaction:



- Our parent body received ` 20,07,000/- rupees from SAS Institute [India] Pvt. Ltd. under their CSR (Corporate Social Responsibility) initiative to convert existing 12 classrooms to SMART classrooms. Under a MOU signed with SAS, Dr. BMN College has installed 1 basic and 4 advanced SMART technology enabled classrooms.
- Lions Club of Sion has donated computers, a LCD Projector, water coolers, 200 chairs, fridges, LCD projector and an oven, T-shirts for NSS Volunteers
- Marico Industries has supported activities related to nutrition education during Nutrition Week and Breast Feeding Week
- Contributions from well-wishers and donors have helped to enhance the corpus fund of the Students' Welfare Scheme
- Honorarium for faculty who conduct sessions for the 'Kshrujan Entrepreneurial Skills development certificate course' is subsidized by Carepox Corporate Service Ltd.
- Under PFNDAI collaborative project, 5 sets of cooking utensils and measuring spoons have been given to the college
- Lioness Club of King Circle has donated LCD projector, water cooler
- Dr. Jyoti Palekar of STEP Techno Solutions has donated bins for the purpose of waste segregation project
- Matunga Gymkhana has donated chairs for staffroom
- Manav Seva Sangh has donated sofas for principal's room and visitors room

3.7.4 Highlighting the names of eminent scientists/participants who contributed to the events, provide details of national and international conferences organized by the college during the last four years.

National level Seminar on “Apparel Merchandising Management” organized by Department of Textile Science and Apparel Design on 12th and 13th January 2012

Eminent Resource persons were as follows: Mrs. Pinky Pujara (Deputy Manager, Bombay Rayon Fashion Ltd.); Mr. Sameer Bhuta (Owner, Shreeji Exim) Dr. Ela Dedhia (Associate Professor, Nirmala Niketan College of Home Science); Prof N.S. Kazi (Associate Prof. & Head Corporate Relations, BES Institute of Management); Mr. Rahul Bhajekar (Managing Director, Texan Laboratories Ltd.) and Mr. Rahul Anand (Manager – Design, Mandhana Industries Ltd) Mr. Ullhas Nimkar (Chairman and Managing Director of NimkarTek Technical Services Pvt. Ltd).

UGC Sponsored State Level Seminar –cum- Workshop on “e-Crime & e-Security” organized by Smt. Kamlaben Gambhirschand Shah Department of Computer Applications in association with “The Eagle Eye” on 20th and 21st February 2012

Resource persons were as follows: Shri. Vicky Shah (Founder, Principal Consultant Eagle Eye & Information Security Professional); Shri. Sanjay Kher (Advocate High Court); Shri. Suresh Vishwanath Swami (Asst. Police Inspector, Cyber Cell, Crime Branch, Navi Mumbai); Shri. Manish Kenia (Advocate High Court); Shri. Sebastian Edassery (Manager, Forensic & Disputes Services Deloitte India); and Dr. Mohd. Misbahuddin (Senior Technical Officer, CDAC, Bangalore)



UGC Sponsored National Seminar on Sustainable Tourism organised by Department of Resource Management in collaboration with Maharashtra Tourism Development Corporation on 9th and 10th January, 2015

Eminent experts included: Ms. Kishori Gadre (General Manager, MTDC, Mumbai); Dr. Vandana Mahajani (Prof. Dr. D.Y. Patil School of Business Management); Ms. Vaishali Rajarshi (Training and Placement Manager, ITM, Navi Mumbai); Prof. Maneesha Shukul, (Officiating HOD Dept. of Family and Community Resource Management, Faculty of Family and Community Sciences, M.S. University of Baroda); Prof. Gautam Gawali (Acting HOD Dept. of Applied Psychology, University of Mumbai); Mr. Jaideep Hire (Officiating Principal, IHTM, Nashik); Mrs. Shilpa Borkar (Asst. Director, Garware Institute of Career Education & Development, University of Mumbai); and Mr. Paresh Parmar (partner, Indian Odyssey, Andheri).

IQAC organized a NAAC sponsored National Seminar on “Strategies for Implementing Best Practices in Teaching –Learning and Evaluation” on 2nd and 3rd March 2016.

Eminent experts included the following:

Session on “Towards holistic Education- The Role of Academia, Industry and Professional Bodies in Today’s Education System”: Dr. Prabodh Halde (Manager Food Regulatory, Marico Industries); Prof Shobha Udipti [Rtd] Head, Post Graduate Dept. of Food Science and Nutrition (SNDT Women’s University); Mr. Ullhas Nimkar (Chairman and Managing Director of NimkarTek Technical Services Pvt. Ltd).

Session on: “Effective Steps in Teaching and Learning” wherein NGO

Representatives from PUKAR, Muktangan, Jagruti Yatra and Adhyayan

Session on “Evaluation and Importance of Research in Teaching Learning and Evaluation”: Ms. Neeta Kulkarni (Vaze College); Dr. Urmi Palan (Vice Principal, Ruia College)

Session on “Innovative Teaching and Learning Techniques”: Dr. Jayashree Phadnis, (Principal, Vivekanand College)

Session on “Funding for Innovative Teaching, Learning, Evaluation and Corporate Social Responsibility (CSR) Projects”: Dr. Vijayanti Ranade (Vice Principal, Khalsa College) and Mr. Srinivas Rao (Regional Director & H.R. Manager, South Asia, SAS India)

Session on “Going Green in Teaching learning and Evaluation”: Ms. Jyoti Palekar (Co-founder and Managing Director of Sustainable Techno Solution for Environmental Protection Private limited)

3.7.5 How many of the linkages/ collaborations have actually resulted in formal MoUs and agreements? List out the activities and beneficiaries and cite examples (if any) of the established linkages that enhanced and/or facilitated.

The college has signed MOUs with the following organisations.

Collaborating organisation	Activities	Beneficiaries	Established linkages enhance/ facilitated	Year
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Rotary club of Bombay Uptown	Dental and general health check up	200 students per year	Community outreach programs	2009 to date
Marico Industries	Development of Modified food Products Related to Lifestyle disorder	35 students per year	On the Job training/ Research	2011 onwards till 2013
Chinikum	Nutrition labelling, Microbial Analysis and shelf-life study of Modified Food products	30 students per year	Research	2014 onwards
Stree Mukti Sanghatana	Working with marginalized sections of society	75	Community outreach	2014 onwards
	Training for Balwadi teachers	25	Community outreach	2014 onwards
SMES College of Nursing	Health care and First Aid workshops.	All students on campus	Health Care	2014 onwards
PUKAR (Partners for Urban Knowledge Action Research)	One semester course on 'Research as pedagogy, advocacy and transformation' .	Approx. 30 students of FY Nutrition and Dietetics	Students are guided towards becoming critical thinkers as well as conscious and contributing citizens to their communities	2014
'Carepox Corporate Services Ltd'a subsidy of Neoteric Informatique Ltd	Kshrujan program in entrepreneurial skills development	30 students per year	Curriculum development and/ enrichment:	2015
Paawak Foods Pvt. Ltd	Evaluation of modified product and its sensory evaluation	25 students per year	Research	2015-2016



Pepsico	Awareness of whole grains among school children in Mumbai (target subjects 1 lakh school children)	40 students per year	Research	2013-2015 Completed
	Awareness of fruits and vegetables on school going children	40 students per year	Research	2016-2017 On going
SEED Infotech	aptitude tests and training for IT competitive exams	Approx.150 students of SY and TYBCA	Placement of students	2015 onwards
PFNDAI	Survey on household food consumption with emphasis on processed foods	20 students per year	Research and Extension	2016-2017 On going
Easy to Eat Foods	Microbial, shelf life and nutritional labeling of company's product	15 students per year	Research	2016-2017 On going
THRED (Trust for Human Resource enrichment and Development)		90	Extension	2016 onwards
Amulakh Amichand School	Nutritional Consultancy	40 MSc CND students and 20 students from the school	Enhancing wellness through anthropometric measurements and counselling (Dietary recall) & Demonstrations (Modified Food Products)	2016-2017



3.7.6 Detail on the systematic efforts of the institution in planning establishing and implementing the initiatives of the linkages/collaborations.

The college explores every opportunity to build up a healthy rapport and establish linkages that will help us to achieve our mission statement of empowerment of women students through qualitative education initiatives. Linkages have been established through experts who have been invited to the college and expressed interest in possible projects. Faculty are members of professional bodies such as AFSTI and IDA, we have been able to set up collaborative ventures with companies such as Marico Industries through their networking efforts. The college put across the suggestion of a course on entrepreneurial skills to Carepo Corporate Services who were agreeable on the same and have taken the responsibility to support the entire course. Similarly, the Dept. of Human Development worked on a syllabus for a training program for Balwadi teachers on the request of Stree Mukti Sanghatana, a NGO with whom the NSS unit had a long association.

In the above cases, the concerned faculty draw up a proposal and shares it with the IQAC. The IQAC then takes the approval of the Management to implement the initiative. Review meetings are held on the functioning of the collaborations and reported to the Management during the Governing Council meetings. The Management has been extremely supportive in establishing and sustaining linkages.

**CRITERION IV
INFRASTRUCTURE
AND LEARNING
RESOURCES**



CRITERION IV INFRASTRUCTURE AND LEARNING RESOURCES

Physical Facilities

4.1.1 What is the policy of the Institution for creation and enhancement of infrastructure that facilitate effective teaching and learning?

- The following protocol is followed for procurement and enhancement of infrastructure. Concerned departments prepare a plan for requirements for infrastructure and/or equipment and present the same to the Principal, who then shares it with the Management. The Management sanctions funds after due evaluation/ scrutiny, in discussion with the Principal. Monitoring of implementation is done by the Principal and the respective Heads of Departments. For example, the Department of Resource Management submitted a plan to construct a hospitality management lab with restaurant set on the 6th floor in 2014. The lab was completed by 2015 and is being used for the subject of Food Beverages Services, and Basics of Food production. Similarly, HODs worked together in preparing a proposal for infrastructure requirements, under the UGC 12th plan.
- In 2014-2015, the IQAC worked on a proposal submitted to the UGC for enhancing facilities under the CPE scheme in consultation with all faculty members. The college has duly been sanctioned a grant of Rs. 1.5 Crore in May 2016. The IQAC will monitor the creation and enhancement of facilities once the amount has been received. These will include up gradation of labs and implementation of MIS system.
- Principal and 3 faculty members played an active role as part of a special committee which was formed by our Parent body SMES for submitting a proposal under CSR to SAS India Limited. SMES received a total grant of Rs. 20, 07000 (Sanctioned amount Rs.22 lakh) under CSR towards setting up technology enabled learning spaces on campus, of which Dr. BMN College installed 4 advanced SMART classrooms and 1 basic classrooms.
- Faculty of TSAD worked on a project to enhance infrastructure in the Textile Science and Apparel Design laboratories as suggested by the NAAC Peer team in their exit report in 2011. The Department received second prize for the presentation of their project on “Upgrading Infrastructure for Enhancing Skills” at the Best Educational Quality Enhancement Team (BEQET) competition organized by the National Centre for Quality Management (NCQM) (2014-2015).
- The institution has an annual maintenance contract to ensure effective maintenance of equipment. Infrastructure is maintained through services of carpenter, electrician, housekeeping staff and lab attendants.
- Staff who have received minor and major research grants have utilized grant resources to enhance learning resources through purchase of equipment such as laptops and printers.
- The college set up a UGC recognized Gandhian Studies Centre in 2013. The committee in charge of the center worked on a proposal for setting an aesthetically designed replica of the model of the Sevagram ashram at Wardha, the cost of which was borne by the Management.



- Institution has purchased required equipment with UGC additional grant of ₹ 2635200/-, under UGC 11th Plan.

4.1.2 Detail the facilities available for

A. Curricular and co-curricular activities—classrooms, technology enabled learning spaces, seminar halls, tutorial spaces, laboratories etc.

The following infrastructure facilities are available for Curricular and co-curricular activities:

i. Classrooms

There are a total of 28 well-furnished classrooms used by approximately 900 students, attending all the programs that we conduct. These include 9 large classrooms with a seating capacity of about 100 to 150 students. These classrooms are well ventilated and adaptable to the use of electronic teaching aids. Mike systems are installed to facilitate the teaching process. There are 11 medium classrooms with seating capacity of 60 students, and 8 small classrooms with seating capacity of 25 students.

ii. Technology enabled learning spaces:

Three large class rooms have been enabled with complete ICT facilities including Epson 595 Wi-fi interactive projector with white board, and Dell Inspiron 3542 laptops and CCTV surveillance.

An additional two classrooms have been ICT enabled with wall mounted LCD projectors with white board and Dell Inspiron 3542 Laptops and CCTV surveillance.

Faculty have been provided with laptops and mobile LCD projectors which they can use in the medium and smaller classrooms as and when required.

Computer lab 503 has been attached with Cybernetyx model 8090 and lab 502 with an interactive panel. The above facilities are Wi-Fi enabled.

iii. Seminar/ Conference rooms:

The seminar room is located on the 5th floor. It has a SMART board model 480 with SMART note book software with a short throw projector connected to desktop CPU. Faculty and students also have access to a well-equipped conference room with audio-visual facilities on the 3rd floor of the annex building.

National and State Level UGC Sponsored/NAAC sponsored Seminars and other such important programs are conducted in the air-conditioned Shri Visanji Ravji Auditorium, with a seating capacity of 282 persons. Ravji Jivraj Changdaiwala Hall has a seating capacity of 450 persons and is used for seminars, workshops, public lectures, endowment lectures and pool campus.

iv. Tutorial spaces :

8 small classrooms are available to conduct tutorial classes for subjects such as English and soft skills. Smaller classrooms are also used for SY and TY students for practical work for their specializations.



v. Laboratories/ Specialized facilities for teaching. Total Labs:21

Departments	No. of Laboratories
Biology laboratory	1
Chemistry laboratories	2
Food Science and Nutrition labs	3
Textile Science and Apparel Design	6 (Apparel Design Laboratory-3, Wet processing laboratory (dry and wet area)-1, Fabric Manufacture laboratory-1, Physical testing laboratory-1)
Computer software laboratories	5
Internet corner	1
Hardware laboratory	1
Prangan Nursery School Experimental lab of HD Dept.	1
Hospitality Management labs	1 Restaurant Set up 1 Housekeeping Lab

vi. Specialized facilities and equipment for teaching, learning and research etc.

Prangan Experimental nursery is the experimental laboratory of the Human Development department. It is located on the ground floor, with the latest of play equipment for children in the adjoining area like water play centre

The Gymnasium (Physical Fitness Centre) is located on the 9th floor. It is used to conduct practical sessions of the postgraduate diploma course in Sports Science Fitness and Nutrition, and Career Oriented Program in Physical Fitness and Weight Management

The Beauty Parlour on the 6th Floor is used for training students of Beauty Culture and Hair Dressing Certificate/Diploma Programs as well as Career Oriented Program in Beauty Culture

The Hospitality lab on the 6th floor with Restaurant Set Up and one Housekeeping Lab is used by students of Hospitality Management under specialization of Resource Management.

4 Computer laboratories on the 5th floor with total of 115 computers, one lab on 6th floor with 22 computers and one hardware lab on the 7th floor with 18 computers. The labs are used to conduct practical sessions for students of BCA, and 100 hours computer training to Home Science students.

Spacious, well ventilated and well lit reading hall on the 8th floor which can accommodate 80 students. The library also has an internet section with 5 computers. The reference section and main library can seat an additional 20 students. There is a separate reading room with a computer for teachers. The students also have access to an additional reading room of the library of sister institute Smt. MMP Shah Women's College of Arts and Commerce, which is also on our campus.



Gandhian Studies Centre: There is a special designated corner on the 8th floor for the Gandhian Studies Centre wherein books on, and by Gandhiji are displayed. It has been aesthetically designed so as to replicate the model of the Sevagram ashram at Wardha and has a conducive ambience for meditation and quiet study.

Audio Visual Recording Studio: Students have access to a fully equipped recording studio with mixing consoles on the ground floor of our sister college of Smt. MMP Shah College of Arts and Commerce.

vii. For detailed list of equipment available on different floors and designated departments. Annexure No. 16

B. The following infrastructure facilities are available for co-curricular activities:

The college hall with a seating capacity of 450 persons is used to host a number of cultural activities such as orientation sessions for First year students, Fresher's Meet, 'Akanksha Inter-Collegiate Festival', 'Tekzone' intercollegiate IT festival, 'Balmela', College biennial exhibition, fashion show, and other important cultural events. The NSS unit conducts blood donation camps in the hall. Other important events that are hosted in the hall are PTA meetings, alumnae meetings, Pool Campus and Smt. Dakshaben Pathak Memorial Endowment Lecture Series.

The air-conditioned auditorium has a seating capacity of 282 persons has built-in LCD facilities and is used for cultural events such as dance, music, theatre performances, and film festivals. Other important events that are hosted in the hall are PTA meetings, Alumnae meetings, Pool Campus and Smt. Dakshaben Pathak Memorial Endowment Lecture Series. We also use the foyer of our sister institute Smt. MMP Shah College of Arts and Commerce for functions such as Independence Day, Republic Day and summer vacation classes exhibition

Activity space on 9th Floor: Student activities such as socials practice for cultural events, Jagar Janivancha Abhiyan Lectures, NSS Events, activity oriented workshop sessions, and yoga and self-defense for students are conducted here.

Students have access to **5 computer laboratories** for work related to the students' council, Inter-collegiate college festivals of 'Akanksha' and 'Tekzone', Green Spirit Association and college magazine.

There is an additional space at the entrance to the college which is used for exhibitions and entrepreneurship stalls wherein students can display their work and also sell the same as part of entrepreneurship projects.

The **Counseling cell** is located on the fourth floor and is open for six days a week to facilitate free counseling services for staff and students by a trained full time counselor.



The **health centre** is located on the 8th floor of Vasantben Vadilal Shah Vidya Bhavan, and is located as part of the SMES Nursing College. The college has signed a MOU with the SMES Nursing College for use of the facilities of the health centre. Dr. Chandralekha Venkateshan is a doctor on campus at 2nd floor counselor's room (Samavedna Centre) at Smt. M.M.P. Shah College of Arts and Commerce

The college has a small garden (**BMN Katta**) which is maintained by the NSS unit.

The following infrastructure facilities are available for sports

Gym (Physical Fitness Centre):

The college offers gym facilities for all students available at a very nominal charge of Rs. 250/- a year. An experienced gym instructor is employed by the college to oversee student participation.

The college makes special efforts to ensure that those students who are interested in games such as basketball, badminton, chess and kabaddi get the opportunity to attend coaching camps organized by the SNDT Women's University. The Management also signed a Memorandum of Understanding (MOU) with the Amulakh Amichand School so that students also have access to the school's sports ground adjoining the campus. Students also have access to the adjunct grounds of the GSB Seva Mandal Sports Club to conduct annual sports meet of the college. The college also has access to the foyer of our sister college MMP Shah to conduct activities like karate.

NSS Unit: There is designated space for NSS group meetings on the 4th floor.

C. Other infrastructure/ equipment facilities available are as follows:

- **President's room** for meetings with Management members and eminent visitors to the institution
- **Administrative Area** on ground floor which includes Principal's room, Vice-Principal's and Office Superintendent's room, Administrative office, Finance Section, and Visitors room.
- **A spacious Staff Room** on the 4th floor equipped with lockers for staff members, a microwave, fridge, Wi-Fi facility, a computer and a laser printer as well as separate washroom facilities. Staff room for BCA on the 5th floor has two computers, printer, scanner, microwave and fridge.
- **Examination Room** on the 4th floor. The area is equipped with a computer, printer, photocopy machine and a cyclostyle machine. There are secure spaces for examination question papers, and answer booklets so as to conduct fair practices during the examinations. The cell is under CCTV camera surveillance.
- **A documentation centre for administrative work** is also located on the 4th floor for all important records related to the administrative section
- **IQAC cell:** IQAC cell is located on the 8th floor and also serves as a documentation centre for all IQAC records.
- **Canteen facilities** on the ground floor with seating arrangement for staff and students.



- **4 lifts as well as a ramp** at the entrance of the college, and a toilet for specially challenged students on the ground floor
- **Washrooms facilities** (female and male toilets) are available on every floor
- Safe drinking water through provision of **Aqua guard filters and 8 water coolers**
- There are a total of **40 fire extinguishers** with at least one on each floor and one in each lab and **50 CCTV cameras for security surveillance** of the entire institution. (For details please refer to 4.1.2)
- **Sanitary Napkin Vending machine** is available in the students' common room.

4.1.3 How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed/augmented and the amount spent during the last four years (Enclose the Master Plan of the Institution/campus and indicate the existing physical infrastructure and the future planned expansions if any).

The college is open for the various courses from 8.00 am to 6.00 pm from Monday to Saturday. This facilitates accommodating the courses of the Junior College, Degree and Postgraduate Departments and the SCNI Polytechnic, conducted by the Seva Mandal Education Society. The timetable is planned in a staggered fashion, thus allowing optimum utilization of rooms and facilities.

There are two divisions for the BCA program, which works in shifts (first division from 8.20 a.m. to 2.40 p.m. and second division from 10.00 a.m. to 4.00p.m). Classrooms are used for MCA program of IGNOU on Saturdays (1.00 p.m. to 7.00 p.m.) and Sundays (9.00 p.m. to 7.00 p.m.) The food lab/Biochemistry lab/ Microbiology Lab are used for conducting M.Sc. in Dietetics and Food Service Management under the IGNOU program. During the Summer vacation in May, the classrooms and the labs are used for conducting skill development classes (hobby classes) as part of a community courses initiative.

In addition, the college management generates additional income to enhance facilities for students on campus, by optimal use of the following infrastructure when classes are not in session:

- Renting out the college hall and auditorium for marriages and other social functions
- Renting out classroom during vacation periods for conducting mock exams by coaching classes such as Mahesh Tutorials
- Using the beauty parlor as a means of generating additional income
- Renting premises for conducting competitive exams such as C.A & CPT.
- Renting premises for conducting exams by 'Better Fitness for You'(BFY)
- Renting Prangan experimental nursery for dance classes conducted by Brian Dance Academy after college hours
- Renting premise for classes conducted by ITM (Institute for Technology & Management) up to Nov 2013. From 2013, the premises are used by Digital



Marketing & Training Institute (Binary Edge Education & Research Services Pvt. Ltd.) on Saturdays & Sundays.

Master Plan of the Institution in Annexure No. 17

4.1.4 How does the institution ensure that the infrastructure facilities meet their requirements of students with physical disabilities?

- There are ramps at both entries to the college allowing easy access to 4 lifts
- There is a toilet for specially challenged students on the ground floor

4.1.5 Give details on the residential facility and various provisions available within them:

The college does not have a residential facility. The college is located in the suburb of Matunga in Central Mumbai and is easily accessible by local train and bus facilities.

4.1.6 What are the provisions made available to students and staff in terms of health care on the campus and off the campus?

On Campus:

Dr. Chandralekha Venkateshan (Consulting Physician) has been appointed by SMES and is available on the 2nd floor, counselor's room (Samavedna Centre) of Smt. M.M.P. Shah College of Arts and Commerce every Tuesday and Friday for free medical consultancy.

The institute has signed a MOU with the SMES College of Nursing which is also on campus. Students can avail of health care facilities which include a wheelchair, three beds and equipment such as stethoscope and BP monitoring equipment. There is also provision of two beds (in the common room and in the staffrooms) for students and staff who feel unwell, and require to rest. Faculty members of the nursing department are called upon to administer basic first-aid during emergencies. First aid kits are also available in the labs, staffroom and administrative office.

The NSS Unit conducts regular dental, eye and hemoglobin checkups. Camps have also been conducted for cancer, and thalassemia detection, and rubella vaccination in collaboration with the Rotary Club of Bombay Uptown, Inner Wheel club of Bombay Downtown and Lion's Club of Sion. A comprehensive health assessment checkup, as well as cancer detection and mammography camp was organized for teaching and non-teaching staff in collaboration with Dabhar Foundation on 13th June 2015.

The Smt. Dakshaben Pathak Memorial Lecture Series was especially initiated on the theme of 'Women and Health' in 2008. For the last eight years, an annual endowment public lecture is organized by eminent doctors on topics such as prevention of cancer, osteoporosis, diabetes, stoma care, anemia, menopause and cardiac diseases.



The Department of Food Science and Nutrition conducts regular programs on nutrition counseling and events such as Nutrition Week, Breast feeding week, Cancer Awareness week and Diabetics awareness day.

In order to cater to the mental well-being of students, a professional trained counselor is available on the premises for personal counseling every day from Monday to Saturday. Teachers also act as mentors and help students to overcome their anxieties. They refer students to the counselor/doctor as per their need.

Off the Campus:

There is a doctor (Dr. Sabnis) on call in the vicinity of the college, who has been called upon in case of emergencies. The Management also has ties with the Tarachand Bapa hospital and Lokamanya Tilak Municipal Hospital in the vicinity, wherein students can be attended to, in case of an emergency.

4.1.7 Give details of the Common Facilities available on the campus—spaces for special units like IQAC, Grievance Redressal unit, Women's Cell, Counselling and Career Guidance, Placement Unit, Health Centre, Canteen, recreational spaces for staff and students, safe drinking water facility, auditorium, etc.

- a) **IQAC and Documentation cell** is located on the eighth floor and also serves as a documentation center for all IQAC records. The center is equipped with a cupboard, table and chairs to conduct meetings, cupboard, a computer and printer with internet facilities. A documentation centre is also located on the 4th floor for all important records related to the administrative section
- b) **The college canteen** caters to the requirements of the staff and students. It provides a range of food items at affordable rates to students. The canteen has a separate seating area for the staff members. The faculty also has the facility of microwave ovens donated by our Alumna, in the common staff room, as well as the BCA staff room. A microwave is also placed in the administrative office. Both staff rooms also have the facility of fridges.
- c) **Recreational facilities:** The college has a spacious hall, which is used for cultural events and annual functions. Special functions such as Annual day, dance, music competitions/ fashion shows, College Fest and Intercollegiate festivals are organized here

An open space is also available on the 9th floor for activities such as yoga and dance rehearsal socials. The college has a MOU with the Amulakh Amichand School for use of the adjoining sports ground.

- d) **Seminar Room:** Workshops, film screenings are arranged in the seminar room located on the 5th floor. The room has air condition and is equipped with Wi-Fi enabled interactive smart board, projector, laptop and audio systems. (Placement Cell) Faculty and students also have access to a conference room with Wi-Fi, projector, and audio system on the 3rd floor of the Vasantben Vadilala Vidya Bhavan
- e) **Students Common Room** is on the 2nd floor of the Vasantben Vadilala Vidya Bhavan. It has facilities of lockers, tables and chairs. This space is



utilized by the students for practice sessions for cultural events and small workshops. Facilities for playing chess and carom are available. Students have access to a vending machine for sanitary napkins. One bed is also available.

- f) Sports and Games:** Gym facilities are available to all students on campus for a very nominal fee of Rs 250 per year. The sports committee conducts trekking camps every year in collaboration with SNDTWU. Special arrangements are made to send students for coaching camps at the University for games like badminton and basketball. The college appoints special sports coaches to train the students who are selected to participate in the intercollegiate, interuniversity, district, interstate & national sport championships. For further details please refer to 5.1.6.

The college motivates and trains students to participate in yoga and PT displays at University level. Ms. Vandana Saha has been appointed as the college sports teacher. Mr. Mahesh Navale has also been appointed by SMES for training the students in Karate and self-defense techniques. Non-teaching staff also participate in intercollegiate sports like volleyball and cricket. The Management bears 50% of the cost for self-defense classes

- g) Shri. Visanji Ravji Auditorium (basement)** with the latest audio-visual equipment is also available for film screenings and conducting music and dance performances.
- h) Ravji Jivraj Changdaiwala Hall** on the ground floor has a seating capacity of 450 persons and is used for public lectures, PTA meetings, seminars and endowment lectures.
- i) Counselling and Career Guidance Cell ('Mind Space'):** A professional counselor is available on the premises for personal counseling on all week days. From 9.00am – 3.00 pm on the 4th floor. She also conducts sessions for students of all classes on need based topics such as time management, interpersonal relationships, stress management and preparation for exams for the student.

4.2 Library as a Learning Resource

4.2.1 Does the library have an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library student/user friendly?

The Library Advisory Committee comprises of the following Management and faculty members:

- Dr. Dilip Trivedi, Chairman, Seva Mandal Education Society
- Dr. Bharat Pathak, Hon Secretary, Seva Mandal Education Society
- Mr. Pravin Shah, Hon Secretary, Seva Mandal Education Society
- Dr. Shilpa P. Charankar, Chairperson/Principal/HOD Textile Science & Apparel Design
- Mrs. Vidya Subramanian, Secretary/Librarian
- Prof. Mala Pandurang, Vice Principal/HOD, English/IQAC Coordinator
- Mrs. Anuradha Shekhar, HOD, Food Science & Nutrition
- Dr. Kirti Pathak, HOD, Human Development.



- Mrs. Vinaya Vaishampayan, Coordinator, Nutrition & Dietetics
- Dr. Vrushali Datar, HOD, Resource Management
- Mr. Shahajahan Khan, Coordinator, Bachelor of Computer
- Dr. Rupali Sengupta, Coordinator, MSc (Clinical Nutrition and Dietetics)

Apart from the above permanent members, the library committee also includes at least 2 student representatives each from the B.Sc. BCA and M.Sc. programs.

The function of the Library Advisory Committee is to support the functioning of the library and to facilitate development of infrastructure, support services and holdings of the library the committee formulates policies regarding procurement of books and journals

The following initiatives have been taken on recommendations of the committee:

- The number of days for which books can be issued has been increased from 3 days to 7 days.
- A separate server for the Library was made available so as to put its OPAC online on the college website (<http://bmncollege.com/library.aspx>). The college library's OPAC can be viewed online during college hours at <http://27.106.65.244/W27/>.
- Initially, open access was given to postgraduate students. On recommendation from the committee, it was further extended to final year B.Sc. and BCA students. From 2014, scholar card holders also have open access, once a week.
- On request from student members, the management sanctioned 5 computer terminals with internet access for use in the library. Students can work on their projects on the 5 terminals in the college, or on Wi-Fi enabled laptops within the library.
- The library has initiated a book club in collaboration with the English Department and has published a special catalogue of available fiction.
- On recommendation by the IQAC, a library Audit was conducted on 25th August 2016 by Dr. Sachin Vaidya (Librarian of SVT College of Home Science) and Mr. Paritosh Pawar (Librarian KET's V.G. Vaze College of Arts, Commerce and Science). The audit has put forward the following recommendations:
 - a. Purchase and use of serial's control package
 - b. Dedicated area for handicapped
 - c. Provision of photocopying facility
 - d. Maintenance of institutional repository

The necessary follow up is being done.

4.2.2 Provide details of the following:

- Total area of the library (in Sq.Mts.) : 4500 sq.mt
- Total seating capacity: 100 students and 10 staff
- Working hours
 - Monday to Friday : 9.00 a.m. 5.00 p.m.
 - Saturday : 9.00 a.m. to 3 p.m.
 - During Summer Vacation : 10.30 a.m. to 4 p.m.



- Library Reading Room is kept open from 8.30 am to 6.00pm during examinations

Library map Annexure No. 18

4.2.3 How does the library ensure purchase and use of current titles, print and e-journals and other reading materials? Specify the amount spent on procuring new books, journals and e-resources during the last four years.

Grants from UGC and support from management are the main sources for purchasing reading material. Books are also donated by well-wishers and staff members. The amount sanctioned annually for books and journals is approximately Rs. 3 lakhs, excluding the funding from UGC XII Plan. The budget allocation is done by the librarian, based on number of students in the program, changes in the curriculum and requests of Heads of Departments. As a policy, a request of a minimum of 15% discount is made to the vendors / publisher. A budget is prepared at the beginning of academic year based on the previous academic year, and taking into account the fees collected from students.

Our library staff member browse through catalogues to identify current titles available for subjects offered. Details of these are communicated to concerned faculty, thereby ensuring purchase of current titles. They also circulate catalogues, and from books on approval, supplied by publishers/distributors. Faculty members and Heads of Departments are consulted for selection and approval of books and other reading materials. Faculties also have the option of requesting the library to purchase the book via online orders and through cash on delivery through websites such as amazon.in and flipkart.com. The library arranges an annual book exhibition on campus. Faculty members are allowed to buy books related to their subject area during educational visits. The list of subscribed journals periodicals is circulated among the staff members. Faculty can recommend the books to be procured for their courses and research. Students can also recommend the books for procurement provided their recommendation is endorsed by a faculty member. Older editions of the books are replaced with latest and updated editions as per the need. Efforts are made to purchase prescribed titles before a new course is introduced and when curriculum is revised.

A list of the title newly arrived books is displayed on the library notice board and the staff room. New books are also displayed in the special showcases in the library. Teachers are also informed about the arrival of books via approval emails. A subject-wise list of new books is prepared and given to respective depts. A list of new arrivals is also available through OPAC which has the facility to provide bibliographic listings. Staff and students are guided on how to use OPAC and can therefore access current titles. Information about library facility and services is given in orientation sessions arranged for first year undergraduate and postgraduate entrants in July every year. A special orientation is provided for final year students to access the databases obtained through INFLIBNET, American Library & SNDTWU consortium.



Library holdings	2011-2012		2012-2013		2013-2014		2014-2015		2015-2016	
	Qty	Total Cost	Qty	Total Cost	Qty	Total Cost	Qty	Total Cost	Qty	Total Cost
Textbooks	78	43,234.03	117	78,008.02	88	93,134.16	18	20,100.42	45	12828
Reference Books	710	3,89,106.3	1061	7,02,072.2	788	8,38,207.4	160	1,80,903.7	231	437714.92
Journals/Periodicals	50	1,83,132	45	16,006	54	85,976	58	1,64,905	44	109920
e-resources ****	`.5000 (NLIST) +`.2000 (American Library)		`.5000 (NLIST) +`.2000 (American Library)+`.69600 (SNDTWU Databases)		`.2000 (American Library) +`.69600 (SNDTWU Databases)		`.2000 (American Library) +`.73000 (SNDTWU Databases)		`.2000 (American Library) +`.78600 (SNDTWU Databases)	
Any other (specify) CDs, Maps	-	-	10 Movie CDs + 12 Subject Cds	`.1000+`.1500	-	-	4 Movie CDs	`.199*	-	-

* The library has a total of 151 CDs & films in its holding

4.2.4 Provide details on the ICT and other tools deployed to provide maximum access to the library collection?

OPAC:	2 OPAC terminals are provided in the reading room. OPAC is also accessible through the url http://27.106.65.244/w27/
Electronic Resource Management package for e-journals:	Though there is no specific ERM for e-journals, the same is done through Inflibnet
Federated searching tools to search articles in multiplied databases:	Inflibnet and SNDTWU consortium databases provide their own federated searches.
Library Website:	Included in college website. OPAC is available online

In-house/remote access to e-publications:	Access to required /recommended e-publications is given either by downloading it or directly linking it through virtual library page. In-house e-resources are available on the campus in the library and list of urls are provided on request
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Library automation:	Library is fully automated for acquisition and lending through SLIM 21
Total number of computers for public access:	5 terminals with access to Internet
Total numbers of printers for public access :	Printing is available to staff members on request
Internet bandwidth/speed	2mbps 10mbps 1gb(GB)
Institutional Repository :	<ul style="list-style-type: none"> Teachers submit a hard copy and soft copy of their minor and major and research projects Ph.D. thesis. M.Sc. students submit a hard and soft copy of their seminar project files Repository of publications by the college such as manuals and SOP. Archive of college magazines, diaries and other such publications Question papers and syllabus copies
Content management system for e-learning:	The library does not subscribe to any content management system. However, the library provides content for e-learning by providing links of sites and webpages in the library page of the college website.
Participation in Resource sharing networks/consortia (like Inflibnet) :	Inflibnet, SNDTWU consortium, American Library

4.2.5 Provide details on the following items:

Average number of walk-ins :	50-60 per day
Average number of books issued/returned :	30-35 per day
Ratio of library books to students enrolled :	10:1 per day
Average number of books added during last three years:	892 (2012-to date)
Average number of login to OPAC :	56-60 per day
Average number of login to e-resources :	25 downloads per week
Average number of e-resources downloaded/printed:	10-15 per month
Number of information literacy trainings organized:	28 per year
Details of “Weeding Out” of books and other materials :	399 volumes of damaged books, older editions of textbooks and reference books have been withdrawn after approval from respective HODS, as per the “weeding out” policy of library

4.2.6 Give details of the specialized services provided by the library

- Special assistance is given to staff or students who are searching for specific



reference material by way of suggesting of reference sources, project reports, journals and e resources.

- **Reprography** : Provided on request
- **ILL (Inter Library Loan Service)**: We have arrangements for books on loan from SNDTWU library and library of Smt. MMP Shah Women's College of Arts and Commerce
- **Information deployment and notification**: There are regular notices & displays regarding the rules, activities, special occasions, news clippings, provision of newspapers in regional languages and provision of newspaper in staff room.
- **Download**: Internet facilities in 5 terminals in the library. Students can also access internet on their smart phones and laptops through the Wi-Fi facility within the library.
- **Printing** : Available on request
- **Reading list/Bibliography compilation**: List of new arrivals is displayed on notice boards and through OPAC. Subject-wise list of new books is prepared every year and given to respective Depts. on demand; The OPAC has facility to provide bibliographic listings. Staff and students are given training on how to prepare a bibliography through OPAC
- **In-house/remote access to e-resources**: Access to e-resources are available through library webpage in the college webpage.
- **User Orientation and awareness**: Information about library facility and services is given in the general library orientation. Separate orientation sessions are arranged for first year undergraduate and postgraduate entrants in July every year. Special orientation is provided for students to access the databases obtained through INFLIBNET, American Library & SNDTWU Consortium.
- **Assistance in searching Databases** : Sessions are conducted for students on database searching strategies and preparation of bibliography.
- **INFLIBNET/ IUC facilities**: The college has subscribed to the N-LIST of Inlibnet. The passwords are provided to staff and PG students. Undergraduate students are assisted by the librarian to do the searches.
- **Guest Membership**: Library offers guest membership facility for a nominal fee.
- **Institutional Membership**: Library has guest membership with American Centre Library, and AVEHL.

4.2.7 Enumerate on the support provided by the Library staff to the students and teachers of the college.

- A general orientation on library facilities organized for all first year undergraduate students & post graduate students at the beginning of every academic year. A detailed library orientation programme is also organized for under & postgraduate students for use of databases subscribed through N-LIST of INFLIBNET & SNDTWU Consortium
- Booklet on available library services
- Access to library collection is provided through card and computerized catalogue OPAC. Open access facility is also provided to staff. Final year students, scholar card holders and post graduate students have open access once a week.



- Book Issuing Facility:
 - Home issuing Facility –Undergraduate students can issue two books for a week. Journals and magazines are for in-house use.
 - Scholar Card holders can issue an additional book for 1 week
 - Postgraduate students get 4 library cards (2 reference, 1 fiction and 1 periodical)
 - Staff members can issue up to 15 books per semester, which can be renewed at the end of the semester
 - Renewing, reservation and current reading facilities are available.
 - Fiction card can be extended by an extra week for members of the book club
- Current Awareness Services:
 - Putting up of clippings of important current news and events on the notice board.
 - Display of new arrivals and latest issues of periodicals and newspapers in English and regional languages
 - Theme based displays and subject displays
- Reference and Referral Services:
 - Reference service to our members whenever required
 - Library services to outsiders, IGNOU students, staff members and students of other colleges.
 - Assistance to staff in research work and to students for project work
- Reprography service is available on demand. Free of charge Internet surfing facility is available through internet centre. Wi-Fi facility is also available to all users.
- An annual book exhibition is held on campus
- Books are made available through Inter Library Loan facility from SNDTWU and Smt. MMP Shah College
- Book-bank facility is extended to needy students. Under this scheme approx. 100 students are provided with a set of textbooks for one academic year on payment of nominal refundable deposit of 25% of cost of the books.
- Library has designed virtual library page links to external reference sources.
- Library subscribes to N-LIST, American Centre and SNDTWU databases
- In collaboration with the English Department the library conducts a book club. A list of fiction, Classics, Indian Writing in English and translated works is made. Book club members should read 3-4 books in a year. And write a review/make a presentation on the same. The library also conducts talks on the importance of reading. The library arranges for films shows on films based on novels like *Junoon* and *Blue Umbrella Namesake*.
- In collaboration with Gandhian studies centre, the library conducts the Gandhi exam in association with the Sarvodaya Mandal. Quotes by Gandhiji, books by and on Gandhiji are displayed. The Gandhian Study Centre is in a section of the Library.
- Visits have been organized to the American library and Money Museum of Reserve Bank.

4.2.8 What are the special facilities offered by the library to the visually/physically challenged persons? Give details.

Ms. Rabab Chobawalla FY B.Sc. (2016-17) has a congenital condition called



Nystagmus in both her eyes. This prevents fixation like a normal eye. She has been provided with an enlarged photocopy of English text book. She has also been provided with a kindle, downloaded with fiction books and other matter related to her academics.

4.2.9 Does the library get the feedback from its users? If yes, how is it analyzed and used for improving the library services. (What strategies are deployed by the Library to collect feedback from users? How is the feedback analyzed and used for further improvement of the library services?)

Students' feedback is obtained across the counter through interaction between library staff and students, and also from class representatives, teachers and members of library committee.

Library has a feedback form for final year students. The results are analyzed and reported in the Library Committee. Follow up has been done on the basis of feedback such as extension of timings; extended duration of days of issue and open access facilities. Library feedback is also obtained during library committee meetings wherein students and staff share observations regarding library services.

Some of the suggestions which have been implemented are:

- Extending open access to TY students and students with scholars cards
- Increase in the issue of scholars card from 2 students to 5 students
- Increase in the number of days of issue for teachers from one month to one semester
- Increase in the number of days of issue for reference books from 3 days to one week
- Inclusion of two student members from PG courses in the library committee.
- Barcoding of books for circulation purposes

Best practices of Library -

- Inclusion of sufficient information about the library in the college prospectus
- Displaying newspaper clippings on the notice board regularly
- Internet facilities to all
- Information literacy programs to new entrants
- Suggestion box
- Displaying new arrivals and circulating a list of these to the departments
- Conducting annual book exhibition
- External membership for outsiders, ex-staff & ex-students.
- Surveillance using CCTV cameras.
- Library manual prepared and followed for operations
- Inclusion of student members in the Library Committee
- Participation of the librarian in other activities of the college which ensures her visibility and therefore makes students comfortable to approach her for library matters

4.3 IT Infrastructure



4.3.1. Give details on the computing facility available (hardware and software) at the institution.

Number of computers with Configuration: **Annexure No.19**

Computer-student ratio	1:2
Standalone facility	25 Computers
LAN facility	170 Computers
Wi-Fi facility (Yes)	13 laptops and 5 SMART classrooms
Licensed software	<ul style="list-style-type: none"> - WinPro 8.1 SNGL Upgrade OLP NL Acdmc - OfficeProPlus 2013 SNGL OLP NL - Adobe Software – 1 product (5 copies) - Ingram Micro - Oracle – 1 product (5 users) - Tally – ERP multi version – 1 product - Anti-Virus (Quick Heal Admin Console) – 18 User
Number of nodes/ computers with Internet facility	188
Any other	<ul style="list-style-type: none"> - Laptops: 13 - Netbook:5 - IPad: 3 - Interactive panel:1 - Smart board:1 - Cybernetx:1 - Scanner:3 - Printers:23 - LCD projectors:17

4.3.2 Details of computer and internet facility made available to the faculty and students on the campus and off-campus?

- 5 SMART classrooms have been enabled with complete ICT facilities (i.e. 1 basic and 4 advance classrooms)
- An exclusive internet corner “Browse- IT” with 8 computers is available on the 5th floor. This facility is availed from 7.30 a.m. to 6.30 p.m.
- All computer labs are well equipped internet connection. Printing facility is available for BCA students for academic projects and assignments
- B.Sc. staff room is provided with Wi-Fi facility, a desktop, laser printer and scanner.
- BCA staff room is provided with internet connection and Wi-Fi facilities, 2 desktops, laser printer and scanner.
- Internet facilities are available for online admission processes, and online application for scholarships.
- An interactive panel and 3 Ipads are available for enhancing ICT teaching.
- Seminar room is equipped with computer, LCD Projector and internet connection for conducting workshops and seminars for staff and students. It also has an interactive board.
- Each department is provided with a laptop having Wi-Fi connectivity and a mobile LCD projector.
- The college library is equipped with five computers with internet



- connectivity for students and staff, and is Wi-Fi enabled
- The college has purchased a 'wireless presentation system' for seminars, workshops, guest lectures and placement sessions.
- A hardware Lab has been established to train students in computer hardware. There are 18 computers in the lab.
- 2 stand-alone screens have been provided for students and staff conducting seminars and workshops in the class rooms.
- Internet and computer facilities are used by the examination section for downloading University question papers

4.3.3 What are the Institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

The NAAC Peer team had suggested that the college should introduce SMART classrooms. As a follow up, a proposal was submitted under CSR to SAS Ltd by our Parent body SMES. The college has benefited from the CSR grant and has 1 basic and 4 advanced SMART classrooms. The Dept. of Computer Applications plays a proactive role in up gradation of computer software and hardware in the college, and in providing required expertise on campus. Training programs on the use of ICT and SMART Technology have been conducted for staff, as also in how to upload relevant information onto the website.

4.3.4 Provide details on the provision made in the annual budget for procurement, up gradation, deployment and maintenance of the computers and their accessories in the institution (Year wise for last four years)

For Infrastructure - Computer / Accessories/Maintenance

Year	Purchase Price Amt (₹)	Maintenance Cost Amt (₹)
2011-2012	535601	441938
2012-2013	963585	505115
2013-2014	0	669947
2014-2015	152294	412839
2015-2016	1545788	733363
Total	3197268	2763202

4.3.5 How does the institution facilitate extensive use of ICT resources including development and use of computer-aided teaching/ learning materials by its staff and students?

Students:

- Students have access to 138 computers in 5 labs. They also have access to 8 computers in the internet corner on the 5th floor and 5 computers in the library.
- Students have access to computers to complete their project work and they are guided in how to make effective PPTs for seminar presentations.
- 100 hours computer training is compulsory for all three years of the Home Science program. The syllabus caters to the specific needs of the students in terms of their course work.
- Orientations are conducted by the library to guide students on how to use databases and e-journals. High speed Internet and Wi-Fi facilitates online referencing
- BCA students submit projects through online.



- Software which is required for the curriculum for BCA courses as well as for CAD have been installed in the labs.

Faculty:

- Workshops have been organized for faculty on the use of ICT for teaching –learning processes.
 - Dr. Jayashree Shinde (Head, Dept., of Educational Technology, SNDTWU) conducted an interactive workshop on ICT Teaching Training Techniques on 11th August 2011. 35 staff members attended the session. Dr. Shinde highlighted various e- learning tools such as portals, web pages and virtual classrooms.
 - Mr. Shahajahan Khan (Coordinator, Dept. of Computer Applications) conducted an in-house training program on use of Microsoft Excel from 06.08.2012 to 09.08.2012.
 - 35 faculty members attended a 7 day training program conducted by Dept. of Educational Technology, SNDTWU in collaboration with the Commonwealth Association, Canada, from 15th to 20th April 2013, on Integrating ICT in Higher Education
 - Mr. Abdul Rahman (faculty, BCA) oriented staff members on ‘Knowing the BMN Website’ on 6th August 2013.
 - Mr. Shahajahan Khan conducted a session for BCA staff on ‘Learning Graphics with CorelDraw’ on 07.08.2013 and 08.08.2013 and Mr. Abdul Rahman conducted a session on Hypertext Pre-processor for BCA staff members from 14.10.2013 to 18.10.2013
 - Librarian Mrs. Vidya Subramanian conducted a session on ‘Use of ICT for Research’ on 1st August, 2014
 - A workshop on ICT for teaching and learning was conducted for teaching staff in 4th April, 2016 by Dr. Geeta Thakur (Faculty, Dept. of Education, Pillai College of Education and research). Teachers were oriented on how to use ICT teaching aids such as Poster 4 teachers, learnboost and engrade
- Every department has been provided with at least 1 LCD projector and 1 laptop so as to enable effective teaching learning process. (There are a total of 18 laptops, 18 LCD Projectors & 26 Printers available for use). Classrooms as well as the staff room are Wi-Fi enabled.
- Staff members are computer literate and all documentation and report writing are done by the staff members themselves.
- Faculty have the provision of access to institutional email accounts as well as passwords to the website if they wish to upload any material.
- Computer technicians are available for the entire day for assistance for any technical problems

4.3.6 Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on-line teaching-learning resources, independent learning, ICT enabled classrooms/learning spaces etc.) by the institution place the student at the centre of teaching-learning process and render the role of a facilitator for the teacher.



Our parent body (Seva Mandal Education Society) received a CSR (Corporate Social Responsibility) funding towards setting up of 12 SMART classrooms on campus in 2015-2016. Our institute has 5 classrooms (i.e. 4 classrooms equipped with advanced SMART technology and 1 classroom with basic SMART technology facilities) which are available for use by all departments upon requests. Departments are also provided with laptops and projectors (roaming units) and access to Wi-Fi. The seminar room on the 5th is also equipped with a SMART interactive board with projector and laptop with Wi-Fi connectivity. Students have access to 130 computers in 5 well equipped computer labs. Students also have access to 5 internet terminals in the library as well as 8 terminals in the internet lab for self-paced learning and preparing projects and presentations. Increasingly, faculty are using M –communication to enable learning among students who are in possession of SMART phones. The library subscribes to data bases such as N-LIST (INFLIBNET) and has institutional membership with American Library which allows access to a huge data base of journals and e-material. Faculty draw upon e-resources for preparation of teaching material, and use you-tube animation videos and other documentaries to explain complex theoretical concepts. Teachers and students have formed groups on social networking wherein hyperlinks, e-books, articles, slide share and YouTube links are shared. Our faculty is constantly adopting new and innovative approaches to enhance the learning processes of students including the use of ICT enabled software such as slide share, animoto, learnboost and poster4.teachers.org. The provision of LCD screens also facilitates the screening of films especially for subjects such as English communication skills, Women's Studies, Media skills and Environmental studies.

4.3.7 Does the Institution avail of the National Knowledge Network connectivity directly or through the affiliating university? If so, what are the services availed of?

Our institution avails of the NKN connectivity through our affiliated university i.e. SNDTWU. (Source: <http://nkn.gov.in/connected-institutions>)

4.4 Maintenance of Campus Facilities

4.4.1 How does the institution ensure optimal allocation and utilization of the available financial resources for maintenance and up keep of the following facilities (substantiate your statements by providing details of budget allocated during last four years)?

Sr.N	Details	2012 - 13	2013-14	2014-15	2015-16	2016-17
a.	Building	87000	-	-	-	-
b.	Furniture	250000	250000	100000	100000	200000
c.	Equipment	200000	200000	150000	100000	200000
d.	Computers	300000	250000	70000	200000	300000
e.	Any other	-	-	-	-	-

4.4.2 What are the institutional mechanisms for maintenance and up



keep of the infrastructure, facilities and equipment of the college?

Annual maintenance contracts have been given for the following:

Sr. No	Item to be maintained	Name of the Company	No. of turns in a year	Contract term/ AMC
1	Computer	Porwal Systems	Appointed 3 persons for systems maintenance throughout the year	Yearly
2	Security/ House keeping	Guarder Protection Pvt. Ltd.	Appointed 8 persons for security throughout the year	Monthly
3	Air conditioners	Metro Air condition Services	3 turns (Quarterly)	Yearly
4	Water Coolers	Perfect electrical	4 turns	Yearly
5	Computer services	R J R Brothers	Cleaning of hardware Fortnightly (24)	Monthly
6	Lifts	Excel Lifts, Escon Elevator, Famous lifts	3 turns (Quarterly)	Yearly
7	Water purifiers	A-one Enterprises	3 turns (Quarterly)	Yearly
8	Lights & Fans, Refrigerators, gym equipment, Carpentry	Verma Electric Services	As and when needed	
9	Paint work, furniture	Virendra Prasad	As and when needed	
10	Flooring	Sadique Bros.	As and when needed	
11	Pest Control	Pest Care Services	4 turns	Yearly
12	Sewing Machine	Amson Sewing Machine repairing	3 turns (Quarterly)	Yearly

4.4.3 How and with what frequency does the institute take up calibration and other precision measures for the equipment/ instruments?

Being a Home Science institution, there are no sophisticated instruments for calibration. Equipment in the Textiles lab has been calibrated and the maintenance book is kept by the department.

4.4.4 What are the major steps taken for location, up keep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)?

- Mumbai city does not suffer from voltage fluctuations. Still, a UPS for Server & stabilizer is provided for computer terminals and servers on the 5th room.
- An electrician has been specially appointed to look into electricity related problems
- There are ample water storage facilities to ensure 24 hours water supply.



Personnel are also designated to monitor the Facilities.

Summary

The following facilities have been introduced from 2011-2016 since the NAAC 2nd cycle:

- Gandhian Studies Centre
- 5 SMART classrooms
- 1 Housekeeping lab/ restaurant set up
- Upgraded examination room
- Up gradation of labs
- Additional software lab on 6th floor
- A documentation centre for administrative work
- Sanitary Napkin vending machine
- Ramp and toilet for specially challenged students
- CCTV surveillance throughout the college/ library
- Remodelling of classrooms on 9th floor
- Improved health centre
- Data base with access to e-journals and e-books
- Wi-Fi facility

CRITERION V: STUDENT SUPPORT AND PROGRESSION



CRITERION V

STUDENT SUPPORT AND PROGRESSION

5.1 Student Mentoring and Support

5.1.1 Does the institution publish its updated prospectus/handbook annually? If 'yes', what is the information provided to students through these documents and how does the institution ensure its commitment and accountability?

The college publishes its prospectus, college diary, college magazine 'Akanksha' and information brochure annually. The college website is also updated regularly. The Institution ensures its commitment and accountability by ensuring the factual accuracy of all information uploaded and by ensuring that all student support services are in place.

Information disseminated through these publications is as follows:

Website

- Vision, mission and objectives
- Academic calendar
- Courses offered, admission eligibility and refund rules
- Details of specializations offered, faculty members, departmental activities
- Highlights of academic, cultural and co-curricular activities
- Highlights of staff and student achievements/placement and alumnae activities
- Latest announcements of college events
- Student support services and unique features of the institution
- Information on anti-ragging cell, cell against sexual harassment, grievance redressal cell, RTI.
- AQAR report

Prospectus / Information Brochure

- Vision, mission and objectives of the institution
- General information about our parent body S.M.E.S and also about SNTDWU
- Profile of Dr. B.M.N. College of Home Science
- Specific information about specializations, course framework, value added programs and UGC Career Oriented Programs.
- Eligibility for the various courses, general regulations and refund rules
- Student support services and unique features of the institution
- Information on anti-ragging cell, cell against sexual harassment, grievance redressal cell, RTI cell.
- Details of students' welfare fund

College Magazine:

- Vision, mission and objectives
- Student support services
- Laurels won by students and staff achievements
- Reports of the various committees
- Highlights of academic achievements



- Alumnae participation in college level activities
- Departmental reports
- PTA / Placement reports
- Creative writing by students
- Information on anti-ragging cell, cell against sexual harassment, grievance redressal cell and cell for caste based grievance

5.1.2 Specify the type, number and amount of institutional scholarships/freeships given to the students during the last four years and whether the financial aid was available and disbursed on time?

- The committee in charge of freeships, monitors allotment of freeships and disbursement of financial aid as per the procedures outlined by the committee. Students are chosen on the basis of financial status of family, academic sincerity and attendance. 456 students have been given freeships from the Students Welfare fund for the total amount of Rs 1,872,976 in the last five years. Needy students are also allowed to pay fees on installment basis.
- Faculty members also provided financial assistance to students and also coordinate with alumina to help support the education of needy students.
- The Department of Food Science and Nutrition has established linkages with Protein Food Nutrition Association of India (PFNADI) and Association of Food Scientists and Technologists of India (AFSTI) wherein financial scholarships are given to deserving students every year. 3 Students have received scholarships from Bombay Community Public Trust in 2016.
- The BCA Dept. conducts an annual E-waste college drive and the amount collected is used towards fees for needy students.

The college has linkages with the following donor organizations/ philanthropists. The donations are directed towards the students' welfare corpus fund from which freeship amounts are disbursed. Our donors include:

- | | |
|---|--|
| ● Garodia Family Trust | ● Dr. Rishi Kumar |
| ● Karmayogi Pratisthan Foundation | ● Sion Wadala Kurla Chembur Mahila Mandal All India Women's Conference |
| ● Shri. Parimal Chappia | ● Shri Jaswant Shah |
| ● Newage Reprotection | ● Shri Harshad Vora |
| ● Shri Sunil Ajmera | ● Smt. Vijayaben Parikh |
| ● Dr. Neelima Date | ● Smt. Ira Bidkar |
| ● Shri Harshad Hemani | ● Kuppa Rukmani Charitable Trust |
| ● Shri Bhupen Parekh | ● Mrs. Vasanti Mungre & Mrs. Veena Tejani |
| ● Shri Pranalal Vora | ● Shri Ajay Sheth |
| ● Smt. Sarojini Lotlikar | |
| ● The Pushpa & Laxmidas Kapadia Charity Trust | |



Freeships awarded to students from corpus fund of SMES (2011-2016)

Year	No. of Students received Freeship	Amount in Rupees
2011-12	53	1,84,080
2012-13	48	2,22,630
2013-14	54	2,61,010
2014-15	93	4,41,790
2015-16	90	6,09,811
Total	338	Rs. 17,19,321/-

5.1.3 What percentage of students receive financial assistance from state government, central government and other national agencies?

- On an average 21% students have received Government freeships
- The committee in charge of disbursal of freeships organizes a special orientation session for SC/ST/OBC students on how to apply for Government welfare schemes and guidance with online application processes. They are also helped in opening bank accounts. A designated staff in the administrative office (Mrs. Kavita Kasar) does the necessary follow-up to ensure that students receive the same from Social Welfare Office. Continuous efforts are made by the staff to reach out to maximum number of eligible students.
- The following are the details showing financial assistance received by the students under the schemes of the State Government and Central Government.

Government Freeship and Scholarship

Year	Freeship		Scholarship	
	No. of Students	Freeship Amount	No. of Students	Freeship Amount
2011-2012	10	1,19,430	6	78,960
2012-2013	1	12,005	21	3,31,565
2013-2014	0	0	28	5,67,550
2014-2015	27	6,35,185	0	0
2015-2016	12	74,310	65	11,64,120
Total	50	Rs. 8,40,930/-	120	Rs. 21,42,195/-

Scheme of Post Metric Scholarship for students belonging to the Minority Communities

Year	No. of Students	Amount
2011-12	11	74,100
2012-13	3	26,000
2013-14	6	25,000
2014-15	4	18,090
2015-16	2	15,700
Total	26	Rs. 1,58,890/-



5.1.4 What are the specific support services/facilities available for

a. Students from SC/ST, OBC and economically weaker sections:

- The admission committee counsels students on the availability of freeships. Government norms are followed at the time of admission.
- Guidance is provided on how to apply for Government student welfare freeship schemes. Peer-assistance by senior students is provided in the college computer lab to complete the online application process.
- Students from economically weaker sections of society have the provision to pay in installments.
- Book bank facility is given to needy students by the college at a nominal charge of 25% of cost of the books.
- Notebooks are donated to needy students by well-wishers, such as the Lions Club of Sion.
- Faculty and alumnae contribute towards fees for needy students
- The mentoring committee guides students on personal and academic issues

b. Students with physical disabilities:

- There is a facility of ramps at entrances, which allows students to access the lifts with ease. There is a toilet for disabled students on the ground floor.
- Arrangements are made for partially visually impaired student to sit in a well-lit area to facilitate writing of exam papers.
- A student with a tremor in her hand, as well as slow learners, are given extra time during exams. A writer is provided if needed.
- Students are especially encouraged to participate in extra and co-curricular activities to enhance their self-esteem.

c. Participation in intercollegiate, state, national, international competitions

- College appoints coaches to train talented students in events such as theatre, music, folk dance and sports. Costs for dance costumes and props are borne by the college.
- College ensures that students are given incentive marks allotted by the SNDTWU for participation at university, zonal and state level competitions.
- Participants are given attendance when they represent the Institution in any activity. Faculty conduct extra classes for the portions that they have missed.
- Sports teacher accompanies students to ensure security on trips outside Mumbai.
- The importance of participation is emphasized during PTA. Faculty counsel reluctant parents to allow their talented wards to participate.
- Student achievements are mentioned prominently in the college magazine
- Management members personally congratulate prize winners during the office bearers meetings and Governing council meetings.
- Students are encouraged to participate in undergraduate research competitions and also to attend national and international level seminars. Monetary support is provided towards registration fees.
- Students who have participated at intercollegiate level are allowed to submit assignments, and give exams, at a later date.



- Winners of various events with the trophies are taken to different classes to motivate their fellow students. They are also felicitated during important functions. Names of student winners are displayed on notice boards prominently

d. Medical assistance to students: health centre, health insurance etc.

- The college has signed a MOU with the SMES Nursing College for use of the facilities of the health centre. The health centre is located on the 8th floor of the annex building.
- Dr. Chandrlekha Venkateshan (MBBS. Retd Chief Medical Officer MCGM) has been appointed by the SMES management for all students and staff on campus and is available twice a week for consultancy on the second floor of our sister college Smt. MMP Shah college.
- First aid kits are available in the labs, staffroom and administrative office.
- The Management has ties with the Lion Tarachand Bapa hospital, and Lokamanya Tilak Municipal Hospital at Sion, for emergency cases.
- The NSS Unit, in collaboration with the Rotary Club of Bombay Uptown, Inner Wheel Club and Rotary Club of Bombay Downtown and Lion's Club of Sion, organizes regular eye, dental and health checkup camps as well as detection camps for anemia and thalassemia, mammography tests and cancer detection has been conducted in collaboration with N.K. Dabhar Foundation.
- The Smt. Dakshaben Pathak Memorial Endowment Lecture Series has been initiated on the theme of 'Women and Health' by Hon Secretary of SMES Dr. Bharat Pathak. Lectures by eminent doctors have been arranged on topics such as prevention of cardiac related problems, cancer, osteoporosis, diabetes, stoma care, anemia and menopause.
- The Department of Food Science and Nutrition conducts programs on nutrition counseling and awareness events during 'Nutrition Week' and 'Breast feeding week'.
- The students of the college are covered for medical insurance through the Oriental Insurance Company.

Year	No. of Students	Amt of Insurance (₹)
2011-12	710	14200
2012-13	696	13920
2013-14	690	13800
2014-15	730	14600
2015-16	786	15720

e. Organizing coaching classes for competitive exams

The following sessions have been organized by the Placement committee:

Date	Session Title	Conducted By	Target Audience
04.12.2013 - 05.12.2013	Aptitude training for logical thinking reasoning	Aspiring Minds	FY, SY & TYBCA students
18.12.2014	"Postgraduate studies in Food	Dr. Rupali Sengupta, Coordinator of MSc CND	TYND and TYFSN students



	Science and Nutrition”		
18.03.2015	Common Entrance Tests for Graduate Students	TIME Institute	All TYBSc and BCA students
26.08.2015	IT competitive exam training	SEED Infotech	SYBCA students
13.02.2016	National level aptitude training	NIIT, Mumbai	FY, SY and TYBCA students
28.08.2015	Competitive examinations (MBA – CET)	Mr. K. Eyur Udeshi, Assistant Marketing Manager TIME classes, Dadar	TY B.Sc. students
01.10.2015	Postgraduate & diploma programmes at SNDTWU	Dr. Shobha Udipi, Head of the Postgraduate Dept., SNDTWU	T.Y B.Sc. students
03.08.2016	How to appear for NET/SET/GATE exams	Dr. Mitranvada Savanur (PGSR-Juhu) and Dr. Anamika Banerjee (ICT-Matunga)	M.Sc. students

- The college signed a MOU with SEED Info tech on 26th August 2015 wherein SEED Infotech conducts aptitude training for students of BCA. They also provide training for IT competitive exams on a regular basis.
- Students are trained on how to write an effective resume, and how to prepare for personal interviews and group discussions, as part of the soft skills value added course.

f. Skill development:

i. Language skills and soft skills.

About 25 % of our students have studied in vernacular medium at school level. Remedial English classes are conducted thrice a week by a qualified faculty (Dr. Chinmai More) in order to enable to develop their written and verbal competency.

- Students are encouraged to participate in dramatization as well as take part in reading events such as the ‘Pratham’ annual reading event.
- Students are encouraged to join the book club which is conducted by the English department and the library.
- A special workbook to enhance vocabulary in English has been compiled by Mrs. Usha Kumar, faculty of the BCA section.
- Value added course in Soft Skills trains students in the necessary soft skills required for global competencies in today’s job market. Workshops on communication skills and presentation skills have been incorporated into the personality development and soft skills module, which is offered to all students of the Home Science and BCA sections.

ii. Hunar se Rozgar/ Skills development for hospitality industry



The Department of Resource Management offers a unique skills development opportunity under the Government of India scheme 'Hunar se Rozgar.' Third year students are sent to hotels for 6/ 8 weeks in housekeeping and services / production departments. Similarly second year students attend a one week workshop at Garware Institute of Career Development, Mumbai University. This workshop gives students a hands on experience of using Galileo software which facilitates online visa applications.

A unique restaurant set up has been provided for the Resource Management Department as part of the hospitality lab. The facility is used to train students on skills as part of the Food and Beverage Services, and Basics of Food Production subjects. The lab is planned as a proper restaurant setting with formal sitting arrangements with required cutlery and crockery. Students manage a restaurant setup wherein they serve food on a specific theme such as 'Desi Tadka', 'Canacona' and 'Bon Appetite'.

iii. Skills related to Textiles and Apparel Design

Faculty and students of the TSAD Department conducted a training program in collaboration with the Dept. of Fiber and Textile Processing Technology, (Institute of Chemical Technology, Mumbai) for the marginalized section of society. Students were involved in imparting skill training in fabric painting, embroidery, basic stitches and also application of the same on garments and articles to increase the value of the product – in the process of which they honed their own skills in these areas.

Every year, Mr. Aidhya Kadam (Partner, Avdhoot) conducts a workshop on screen making and printing

Sessions on skill development in basic fashion design illustration are conducted by alumnae who have completed an advanced course in the same.

iv. Computer based skills

- BCA section offers value added courses to train students in the latest in software and hardware.
- All students of the B.Sc. program undergo a mandatory 100 hours training in computer skills.

v. Innovative Food product development :

Creative skills and scientific thinking of students of Food Science and Nutrition, as well as M.Sc. CND, are honed in developing innovative food products to address contemporary life style diet disorders. This is done through an incubation cell (Guru-gyan) in collaboration with AFST (I), Mumbai Chapter

- vi.** Students of the COP in Event Management get training in how to organize major events. The college has been sending students to work in the annual international event 'India Leadership Forum' organised by NASSCOM for the last four years. They are trained for different roles on the pre-event day, and allotted duties at the registration desk, media and speakers' counters. Students have received remuneration for their effort. Similarly students of COP in Beauty Culture and Hair dressing and Physical Fitness and Weight Management are given hands on experience wherein they acquire the required employability skills.



- vii. Students of Department of Human Development are involved in organising an annual theme based funfair for children called 'Bal mela'. Students are trained in management and organizational skills and they learn to plan, implement, exercise and evaluate activities, thus putting their theoretical knowledge into practical experience.

g. Support for "slow learners"

Slow learners are identified through the help of class teachers and subject teachers at first year level. Dyslexic students with learning disabilities submit a certificate to the class teacher who shares this information with other subject teachers and the college counselor. The institution has admitted on an average 2-3 students from National Institute of Opening Schooling (NIOS) per year, and takes care in mentoring their performance. Parents are also invited for discussion of their wards' performance. The mentor of the concerned student is involved in the discussion. Students with learning problems are guided with sensitivity for project work, and are given extra time during examinations as per SNDT Women's University guidelines. Instructions are explained at an individual level where required.

h. Exposure of students to other institution of higher learning/ corporate/business house etc.

Internship is an integral part of the program and students are sent to NGOs, corporate and business houses for their internship program. Students undergo 4 to 8 weeks internship in corporate houses (depending upon their specialization), NGOs, food industry, hospitals, hospitality industry and nursery schools. After completion of the program, students present their reports which are evaluated by a jury of experts from the industry/ organizations related to the respective specializations.

Students are taken for field visits and study tours to give them first hand exposure to the functioning of the workplace:

Year	Date	Class	Destination	Industrial Visit
2011-12 July	08.07.2011 - 09.07.2011	SY & TY FSN	Nasik	Sula wine yards and ice cream factory
November	12.11.2011 - 19.11.2011	TY BCA	Chandigarh	Santabanta.com
March	15.03.2012 - 17.03.2012	TY TSAD	Silvassa	Alok Garments, Sudarshan Spinning, Raj Rayons & Raymond Fashion India
2012-13	12.12.2012 - 19.12.2012	TY BCA	Bengaluru, Mysore, Ooty	Infosys at Mysore
2013-14	03.09.2013 - 07.09.2013	TY RM	Hyderabad	5 star hotel (Regenta) to understand the organizational structure and functioning of various departments.



	24.10.2013 - 26.10.2013	TY TSAD	Silvassa Dadra & Nagar Haveli	Alok weaving & Made ups, Alok Polyester, Alok knitting, Bombay Rayons Garments and Museum
	12.12.2013 - 17.12.2013	TY BCA	Mysore, Bengaluru, Coorg	Infosys
2014-15	11.01.2015 - 16.01.2015	TY TSAD	Jodhpur, Jaisalmer	Vastra Vinod & Chaganlal Textiles
	16.12.2015	TY BCA	Pune	Wipro
2015-16	15.01.2016 - 20.01.2016	TY TSAD	Kutch	Kutch Handicrafts Craft Park, Kutch Museum, Bhujodi Village, Rogan arts, Bells Making , Weaving and Craft park
	03.02.2016 - 08.02.2016	TYBCA	GOA	BSNL Broadband
	05.02.2016 - 06.02.2016	SYFSN	Ratnagiri	Ganesh Food Industries & Gadre Marine Export Pvt Ltd.

Students of the M.Sc. in Clinical Nutrition and Dietetics have the opportunity to work in collaborative ventures with Marico Industries. For details of the projects please refer to 3.1.10

i. Publication of student magazines

- Students contribute to the college magazine *Akanksha*. They also work as part of the editorial committee.
- Departments maintain wall papers as per their respective specializations. For e.g. Textile students display their creative designs on the 3rd floor, and Human Development students display activities at the Prangan experimental nursery.
- Students maintain a bulletin board as part of Gandhian Studies Centre at the entrance to the college.
- Wall paper of motivating thoughts is displayed outside the counselor's room on the 4th floor.
- Students maintain a wall paper of creative writing as well as current news in room no. 305 , which is the FY B.Sc. classroom, and on environmental issues on the notice board on 6th floor.
- Workshops have been conducted on 'How to blog' and students have taken up the initiative to host their own blogs which are related to their specializations. These include:
<https://ayeshaghadigaonkar.wordpress.com>, <https://healthabsoluteblog.wordpress.com>
<http://flavoursvoyage.blogspot.in>
 Ms Tejashree Gaikwad regularly contributing to newspapers such as Loksatta



5.1.5 Entrepreneurial skills

- ‘Kshrujan’ is a unique entrepreneurial program initiated by Ms. Dipti Shah, Director, Neoteric Informatique Ltd. for students of Dept. of Resource Management. The college has signed a MOU with subsidiary Carepox Corporate Services Ltd in 2015. Various sessions are conducted on topics like Personality Development, Finance, Grooming, Business Planning and Digital Marketing. The sessions are just not within the four walls of the classroom but they go beyond that in the form of visits to entrepreneurial exhibitions and participation of the Kshrujan in trade shows.
- There are several departmental initiatives wherein students are motivated to cultivate entrepreneurial skills. They learn the basics of planning, budgeting, costing and marketing. These include the following opportunities:
 - Students are encouraged to put up stalls during Tekzone & Akanksha intercollegiate festivals.
 - Students of TYRM participate in a restaurant on thematic settings every year, they budget and plan for the entire venture.
 - TYFSN & ND students study ‘Food product development’ as part of their curriculum. They learn how to budget and market a new product, or enhance, existing product, as per specific target groups. Students of Nutrition and Dietetics plan and budget for a one day cafeteria as part of their course work.
 - ‘Balmela’ is an annual mega event of the Human development Dept. which is managed from conception to execution by the students of SY & TY HD, and PG Diploma in Early Childhood Education.
- College exhibition was organized on “Enhancing Employability Skills” from 28th to 30th November, 2015. Special focus was the theme of entrepreneurship. Students put up stalls and sell products during college festivals
- Alumnae who are now entrepreneurs have been invited as guest speakers by the Placement committee.
 - Ms. Supriya Damani (Entrepreneur ‘Tam Jham’): ‘Entrepreneurship Skill Development for Wedding gifts’ on 12th August, 2011.
 - Ms. Kajal Thosani: ‘Entrepreneurial Skills’ on 7th July, 2012
 - Ms. Kajal Bhatia (Nutritionist), Ms. Rachana Patel (Senior Merchandiser) and Ms. Swati Palwankar: ‘Developing Entrepreneurial Skills’ on 6th September, 2014.
 - Ms. Anuja Patel: ‘Fitness hub’ on 14th March 2016.
 - Ms. Ponam Ratangharya : ‘Experience of setting up own export house’ and Ms. Misba Mukri: ‘setting up Pre-school’ on 17th March 2016

5.1.6 Enumerate the policies and strategies of the institution which promote participation of students in extracurricular and co-curricular activities such as sports, games, Quiz competitions, debate and discussions, cultural activities etc.

Sports/games:

The college has appointed a qualified sports teacher who identifies talented students for different games. Special coaches are appointed for games such as badminton, chess, volleyball and table tennis. Yoga classes have been included as part of the timetable for FY B.Sc. and are conducted by a trained yoga



instructor. Intensive self-defense training for 5 days is conducted for SY/ TY B.Sc. and SY/TY BCA students by Mr. Mahesh Navale who is a highly qualified instructor. The college has a well-equipped gym for a very nominal fee of Rs 250 a year. Facilities of indoor games such as table tennis, chess and carom are also provided. College provides sports uniform for participants for events such as Yoga. Awareness for appropriate nutritional requirements are looked into by a collaborative venture between the Sports committee and the Food Science and Nutrition Department. Participating students are allowed to give assignments, submissions, presentations & class test at a later date. Annual sports day is conducted to bring out the best in students and to encourage participation in outdoor sports.

In recognition of our efforts, we received the trophy for the maximum participation in sports events conducted by the SNDT Women's University in 2015-2016.

List of Coaches for Sports appointed by the college			
Sports	2013-14	2014-15	2015-16
Chess	Mr. Hrishikesh Chavan	Mr. Hrishikesh Chavan	Mr. Hrishikesh Chavan
Table Tennis	-	Mr. Tejas Tirlotkar	Mr. Tejas Tirlotkar
Badminton	-	Mr. Achrekar Pranil	-
Karate	-	Mr. Mahesh Nawale	Mr. Mahesh Nawale
Yoga	Ms. Vandana Saha	Ms. Vandana Saha	Ms. Vandana Saha
Fencing	-	Mr. Nilesh Maskare	Mr. Nilesh Maskare
Kho-Kho	-	Mr. Rushikesh Purarkar	-
Kabbadi	-	Ms. Rushali Patil	-
Volley-Ball	Mr. Sawant & Ms. Vandana Saha	-	Mr. Venu Madhirala
Basket Ball	-	-	Mr. Sudhir Chinkate
Karate	Mr. Mahesh Navale	Mr. Mahesh Navale	Mr. Mahesh Navale

Cultural events/ theatre events / Quiz competitions, debates and discussions:

Students are encouraged to participate in literary events of our inter-collegiate festivals 'Akanksha' & 'Tekzone'. They are also trained to take part at the regional and zonal level competitions of the 'Yuva Mahotsav' of SNDTWU. Our folk dance team has consistently won prizes in the prestigious folk dance competition, and our theatre team has won accolades in skit, street play and mime. The theatre team has participated in the prestigious Purushottam Karandak drama competition, and Ms. Kajal Ghayawat received the 'Best Actress Award' in the 'Purushottam Karandak One Act Play Competition' in 2015.

List of coaches specially appointed by college			
Events	2013-14	2014-15	2015-16
Folk Dance	Mr. Jeevendra Gujrati	Mr. Jeevendra Gujrati	Mr. Amey Patil
Music	Mr. Vinay Gavankar	Mr. Vinay Gavankar	Mr. Vinay Gavankar
Theatre	Mr. Kunal Meshram	Mr. Sudhir Ambole	Mr. Sudhir Ambole

Talented students with language skills are guided on how to hone their writing



and public speaking skills. They have won prizes in national level essay writing competitions organized by Ramakrishna Mission, Ram Chandra mission, as well essay and elocution competitions organized by Mumbai Sarvodaya Mandal. Students have won prizes at the SNTDWU Yuva Mahotsav in essay writing, debate, elocution and poetry recitation. Students have participated in quiz competitions organized by the University, at inter-collegiate level and by the American Library.

List of prize winners Annexure No. 20

5.1.7 Enumerating on the support and guidance provided to the students in preparing for the competitive exams, give details on the number of students appeared and qualified in various competitive exams such as UGC-CSIR-NET, UGC-NET, SLET, ATE/CAT/GRE/TOFEL/GMAT/Central/State services, Defense, Civil Services, etc.

Details of session on competitive exams and sessions conducted by placement cell are as follows:

Date/Year	Session Title	Conducted By	Target Audience
04.12.2013 - 05.12.2013	Aptitude training to test logical thinking and reasoning	'Aspiring Minds'	FY, SY & TYBCA students
14.02.2014	'Goal setting and preparing for interviews'	Ms. Suma Dalvi (Director, Right Destination Management Consultants Pvt Ltd)	TYBCA students
15.02.2014	'Planning and Prioritizing'	Mr. Jignesh Sanghavi (Director of Divine Living)	TYBCA students
18.12.2014	"Postgraduate Studies in the field of Food Science and Nutrition"	Dr. Rupali Sengupta, Coordinator, MSc CND	TYND and TYFFSN students
22.12.2014	Courses offered at National Institute of Fashion Technology (Kharghar)	Mrs. Kavita Pathare (Assistant Professor NIFT)	TYTSAD students
18.03.2015	Common Entrance Tests for graduate Students	TIME Institute	All TYBSc and BCA students
25.07.2015	"One thought can change your life"	The Lakshya Team, Chembur	FY, SY and TYBCA students
26.08.2015	IT competitive exam training (Ongoing)	SEED Infotech	SYBCA students
13.02.2016	National Level aptitude training	NIIT, Mumbai	FY, SY and TYBCA students



28.08.2015	Competitive examinations -MBA - CET	Mr. K. Eyur Udeshi, Assistant Marketing Manager TIME classes, Dadar	TY B.Sc students
01.10.2015	Post Graduate & diploma programmes at the SNDT Women's University	Dr. Shobha Udipi (Head of Post Graduate Studies and Research Department in FSN)	T.Y B.Sc. students
14.03.2016	'Further Studies Abroad' in United Kingdom	Ms. Rochita Date	MSc. in Clinical Nutrition students
03.08.2016	How to appear for NET/SET/GATE exams	Dr. Mitranvada Savanur (PGSR-Juhu) and Dr. Anamika Banerjee (ICT-Matunga)	M.Sc students

Interactive sessions are conducted as part of the soft skills value added course which is compulsory for all students on the following aspects: group discussion, writing of resumes, statement of purpose, and how to appear for personal interviews.

5.1.8 What type of counseling services are made available to the students (academic, personal, career, psycho-social etc.)

Academic and Career Counseling:

- First Year students are orientated on examination system and exam pattern at entry level
- First Year students are given a detailed orientation on which specialization to opt at the end of the semester I. Experts from the Industry, and specialization - related organizations, are invited to speak at these sessions.
- Teachers conduct counseling sessions on career opportunities in Home Science for students of our Smt. Hiraben Manilal Nanavati Junior College, as well as other Junior colleges and schools in the vicinity.
- Principal and course coordinators have been invited to career counseling fairs organized by the Kutchhi Visha Oswal Seva Samaj (KVO).
- Faculty give personal counseling to TY students on career opportunities, and opportunities for further studies on completion of graduation.
- Relic Academy and SEED Infotech organize career counseling sessions for BCA students.
- The college biennial exhibition has specifically focused on the following themes:
 - 1st December, 2011- Women in the New Era: Challenges and Opportunities
 - 28th to 30th November, 2013- Enhancing Employability Skills

Personal counseling:



The college has a full time counselor on campus (Ms. Ekta Patil) who is available 6 days a week from 9.00 to 3.00 in a specially designated area (‘Mind Space’) on the 4th floor. The counselor is involved in college level activities so as to build up a rapport with students. She conducts sessions on topics like stress management, time management and life skills, and is invited to speak at orientations for newcomers, as well as to parents during the PTA meetings.

Pyscho-Social Counselling

- A series of lectures on gender related issues, including enhancing self-esteem and assertiveness training, is organized under the ‘Jagar Janivancha Abhiyan’
- Personality development classes are conducted for all SY and TY students. This includes modules on self-esteem, positive thinking, decision making, and assertiveness. A ‘life skills course based on Gandhian values’ is taught in the 3rd semester and includes modules of interpersonal skills, communication skills and anger management.
- An annual workshop on pre-marital counseling and reproductive health is conducted by Dept. of Human Development for all SY and TY students.
- Nutritional counseling is done through awareness programs conducted by the Department of Food Science and Nutrition during Nutrition Week. As part of Women’s day students are made aware about gynecological problems and lifestyle disorders such as polycystic ovarian syndrome, menstrual problem and thyroid problems and preventive measures.
- Lectures on ‘Life Skills & Value Education’ are organized under Shri Madhav Bakshi lecture series
- ‘I Transform India Transforms’ series (6 workshops) is conducted in collaboration with Chinmaya Mission Youth Wing. This includes modules on intellectual/emotional/physical and cultural transformation. SY B.Sc. and BCA students are awarded certificates on completion of all four workshops.

5.1.9 Does the institution have a structured mechanism for career guidance and placement of its students? If ‘yes’, detail on the services provided to help students identify job opportunities and prepare themselves for interview and the percentage of students selected during campus interviews by different employers (list the employers and the programmes).

- The placement cell conducts guest lectures on subjects such as: employment opportunities, resume writing, courses offered at different institutions, preparation for further studies and studies abroad.
- Job opportunities are displayed on the student notice boards and in library notice board. Refer to 5.1.7
- Career counseling is conducted for final year FSN & ND students on how to appear for SNTWU’s CET for admissions to the Post graduate programs.
- As part of the personality development modules, students are guided on how to appear for interviews, prepare resumes and participate in group discussions.
- The Placement committee conducts ‘David’s Battery of Differential Abilities (DBDA)’ aptitude tests with the help of the college counselor for TY students.



- Each department organizes interactions between alumnae and third year students so that they may provide informal counseling/mentoring on possible career opportunities.
- The BCA placement cell conducts pool campus recruitment for TYBCA students. Mock interviews and campus interviews are conducted for the final year students by companies like Wipro BPO, Wipro InfoTech and Igate Patni.

Placement Details Annexure No 21

5.1.10 Does the institution have a student grievance redressal cell? If yes, list (if any) the grievances reported and redressed during the last four years.

Yes, the institution has a students' grievance redressal cell (Annexure No.22). However, to date, no written complaint has been addressed to the cell as the institution follows an open door policy. The easy approachability to authorities help to resolve complaints on the spot. The college has an internalized system of dealing with grievances. Students can convey their problems to their class representatives who in turn speak with the class teacher. Depending on the nature of the problem, the class teacher then communicates the problem to either the HOD/ Vice-Principal/Principal and a solution is worked upon.

Students' Council members play an important role in redressing student grievances by bringing them to the notice of authorities. Suggestion boxes are placed in the common room, 5th floor and outside the counselor's office, wherein students can drop suggestions/ grievance anonymously. The exam grievance committee looks into complaints related to exams and results.

Some of the grievances addressed in the last two years are as follows:

Grievance	Action Taken
Better maintenance of students lift	Liftman has been appointed. Lift which was giving problems has been repaired
Facilities of tables, lockers and chairs in the common room. Netting to avoid pigeon nuisance	Provision has been made. Games such as carom and chess are also available.
Logistics of class room allocation	In-charges of each section are coordinating with the timetable committee so as to address this issue
Timings of concession forms	Timings have been changed accordingly and a card system has been introduced
Fans in Room No 41 and additional stools in the food lab	Facilities have been provided
Availability of Sanitary napkins	Sanitary Vending Machine has been installed in common room



Enhancing canteen facilities	Canteen committee has been formulated to look into students' issues
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5.1.11 What are the institutional provisions for resolving issues pertaining to sexual harassment?

With reference to Sexual Harassment at work place (Prevention, Prohibition and Redressal) Act of 2013, the Management of Seva Mandal Education Society has formulated an Internal Complaints Committee (Annexure No. 23)

There have been no complaints related to sexual harassment to date. As a proactive measure, we conduct sessions to sensitize our students on how to handle sexual harassment issues off-campus. In addition, a workshop was organized for non-teaching male staff members on creating awareness on "Sexual Harassment" on 12th September 2016 by the NGO Rubaroo. For safety of students and staff, the premises of the college is under CCTV surveillance. There are female security personnel at the entrance of the campus, and wearing of ID cards is mandatory on campus.

5.1.12 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

An Anti-Ragging Committee of the college has been constituted as per the directives of the Honorable Supreme Court of India dated May 16th 2007 and UGC Regulations to curb the menace of ragging in Higher Educational Institutions, 2009 (Annexure No. 24)

The college has a no-tolerance policy on ragging and there has been no incidence of ragging within the campus. Measures taken to curb ragging include the following :

- All incoming students are required to submit an anti-ragging affidavit online as per the UGC guidelines
- Notifications against ragging are displayed on the website, magazine, college diary and display boards.
- A video presentation on ragging is shown during student events such as college level election of students' council.
- Freshers' meets are organized in a manner to create a friendly ambience so that new students feel at home, and consider their seniors as their friends.

5.1.13 Enumerate the welfare schemes made available to students by the institution.

a. Student Counseling Support:

- Under the 'Mentoring' program, a batch of about 25 FY students each are allotted to a teacher- mentor. Students are encouraged to keep in contact with their mentors after they go into the second and third year. The activities of the mentoring committee is coordinated by the college counselor and two meetings are held every semester between the mentors.
- The College has a well-qualified and trained counselor on campus. Provisions have been made for a separate counselor's room on the fourth floor of the college to ensure confidentiality. The counselor submits a



feedback report to the principal on a regular basis. While the nature of cases referred to the counselor is kept confidential, the counselor gives feedback of a general nature during staff meetings. She encourages teachers to send referrals, should they feel the student needs emotional support. The counselor is also invited to conduct sessions on topics such as stress management, time management, decision making and conflict resolution as per suggestions of teacher-mentors and the feedback of students.

- Needy students have received financial assistance from faculty and management members

b. Health Services:

- Dr. Chandralekha Venkatesan (MBBS. Retd Chief Medical Officer MCGM) is available for consultancy twice a week on campus for faculty, non-teaching staff and students. In addition, there is a doctor on call in the vicinity of the college (Dr. Sabnis) who can be called upon in case of emergencies.
- Faculty members of the SMES College of Nursing are readily available on campus for consultation in case of a medical emergency. The department also has provision for a sick room with three beds, on the 7th floor. The college has signed a MOU with the college of Nursing for the same. F.Y B.Sc. students are trained by the nursing staff on how to administer first aid.
- The college has an understanding with the Sion Tarachand Bapa Hospital wherein emergency cases can be referred for immediate treatment. The Sion Hospital is also in the vicinity of the college.
- First Aid boxes are available in the administrative office, staff rooms and labs.
- The NSS Unit organizes an annual health checkup for students and staff members. Annual Thalassemia and Anemia detection camps have been organized in collaboration with the Rotary Club and Inner Wheel club, Lions Club of Sion. Students have been given rubella vaccination.

c. Students' Insurance Scheme:

The institution has subscribed to a Students' Medical insurance policy through Oriental insurance wherein all students on campus for a nominal charge of Rs. 20 /- a year.

d. Book Bank Facilities

The library offers book bank facilities with provisions for text books for needy students, on payment of a nominal deposit of 25% of cost of the books. Students are allowed to keep the books for the entire semester. Reading room facilities are available during exam time and holidays. Members of the book club are allowed to extend their fiction card for one week. Extra card (scholar card) is issued to students who have come in the merit list at FY and SY levels)

e. Internet facility and access to computers:

Students are provided with free internet facilities in the separate internet corner on the 5th floor. In addition, internet facilities are available in the library. Students can make use of computers in the computer labs for their



project work/academic work from 7.30 am to 6.00 pm depending on availability of the computers

5.1.14 Does the institution have a registered Alumni Association? If ‘yes’, what are its activities and major contributions for institutional, academic and infrastructure development?

The college has an active alumnae association. Although it is not a formal registered association, alumnae have actively contributed to the institutional development in multiple ways:

- The institution has the healthy practice of inviting alumnae as resource persons in order to encourage interface between present students and alumnae who are working in the industry. Alumnae are invited as subject experts to evaluate presentations.
- Alumnae achievers are felicitated during the Foundation Day/ Annual Day program and the inaugural function of ‘Tekzone’. Alumnae are also invited as judges, guests of honor for functions such as NSS Annual Day and Personality contest. They are also invited for orientations to interact with new students and their parents.
- Alumnae are members of the IQAC, and Local Managing Committee of the BCA/M.Sc. sections.
- An annual Alumni Meet is organized wherein the alumnae get to meet their classmates and they are also updated about the institution’s progress. They also contribute towards freships for the students and sponsorship for Tekzone.
- Alumnae help with providing internships and placements for students.
- Special groups such as ‘entrepreneurial superstars’ have been formed on social media to offer mentorship to students

Number of Alumnae invited as resource persons from 2011-2016

Annexure No. 25

Year	FSN	ND	TSAD	RM	HD	BCA
2011-12	3	-	4	3	2	-
2012-13	4	-	3	2	3	1
2013-14	5	-	4	-	-	8
2014-15	-	-	-	2	2	-
2015-16	-	-	6	-	-	4



5.2 Student Progression

5.2.1 Providing the percentage of students progressing to higher education or employment

Home Science

Student Progression	Against % Enrolled (RM)	Against % Enrolled (HD)	Against % Enrolled (TSAD)	Against % Enrolled (FSN)	Against % Enrolled (ND)
UG to PG	30	11	21	70	43
PG to Ph.D.	-	-	5	4	-
Employed Other than Campus Recruitment	50	29	32	10	38
Entrepreneurship / Self-employment	2	6	2	-	-

Bachelor of Computer Applications

Student Progression	Against % Enrolled
UG to PG	43
Employed Campus Selection Other than Campus Recruitment	31 25
Entrepreneurship / Self-employment	8

Post Graduate Sports Science Fitness Nutrition

Student Progression	Against % Enrolled
PG to Ph.D.	4
Employed Other than Campus Recruitment	100

M. Sc. In Clinical Nutrition and dietetics

Student Progression	Against % Enrolled
UG to PG	NA
PG to Ph.D.	4
Employed Other than Campus Recruitment	70
Entrepreneurship / Self-employment	10



5.2.2 Provide details of the programme wise pass percentage and completion rate for the last four years (cohort wise/ batch wise as stipulated by the university)? Furnish programme-wise details in comparison with that of the previous performance of the same institution and that of the Colleges of the affiliating university within the city/district.

Pass Percentage					
Year/	2011-12	2012-13	2013-14	2014-15	2015-16
BSc	75.69	80.68	80.68	89.29	75
BCA	100	100	82.53	100	88
MSc	100	42.85	58.33	84.21	74.42
PGSSFN	100	50	100	85.07	-
ECE	100	75	100	100	-

Data is not available for comparative analysis with other affiliated institutions as SNDT Women's University does not release such data.

5.2.3 How does the institution facilitate student progression to higher level of education and/or towards employment?

- Faculty takes keen interest in students' progression to higher education and is engaged in one-to-one counseling.
- Seminars and orientation programs are conducted to make students aware of higher education options available. Students are also encouraged to attend education and career fairs.
- Notification of admissions to premier institutions are displayed regularly on the notice board. Similar announcements are posted on the website and social media
- We conduct 4 postgraduate programs which facilitate students' progression from undergraduate to postgraduate level.

Initiatives taken to improve students' progression to employment:

- Sessions are held to prepare students for post graduate entrance examinations.
- Aptitude tests are organized to guide students towards getting a job suitable to their caliber
- Faculty guide students during the internship period which gives them on hands -on training for the job market. Often, the firms/hospitals/organizations where they have been placed hire them after graduation.
- Alumnae play an important role in posting information on suitable job opportunities on social media.
- Personality development and soft skills value added courses are organized to enhance students' employability quotient.



5.2.4 Enumerate the special support provided to students who are at risk of failure and dropout?

The following support is offered to students who are at the risk of failure and dropout:

- Approximately 10% of students are at risk of dropping out due to family pressure to get married, academic limitations and economic constraints. Students are referred to the college counselor who counsels the student on how to continue with her studies. These students, along with their parents, are also counselled by teachers.
- Attendance is monitored, and students who are not attending classes are counseled and mentored so as to improve their attendance and overall performance.
- Parent-Teacher meetings are held every semester. The results of weak students are discussed with parents so that they can motivate their wards to improve their performance.
- Remedial coaching and bridge course are organized to help with academic performance.
- The Principal personally counsels any student who applies for a leaving certificate.
- Sessions are organized on stress management and time management to enable students to cope with their studies.
- Parents/spouse are encouraged to let the student continue with studies after marriage. Married alumina are encouraged to take readmission, after a break, to complete their studies
- Provision of financial assistance and government freeships helps to reduce dropout of students due to economic problems.
- In certain instances, the student, as a slow learner did not have the capacity to continue with the course. She was counseled to join an alternate program offered by the college i.e. certificate in beauty culture.

5.3. Student Participation and Activities

5.3.1 List the range of sports, games, cultural and other extracurricular activities available to students.

Sports and games:

- Competitions at college level are organized to encourage students to participate in different sports activities and to identify talent.
- Qualified coaches have been appointed for training students to participate at different competitions at the college, intercollegiate and inter-university level (For list of coaches please refer to 5.1.6).
- The college has a MOU to use the adjacent Amulakh school ground to give adequate practice for games such as Basketball and Volleyball. The college also uses the adjacent GSB sports ground whenever required such as for conducting the annual sports day. Competitions such as Yoga are also conducted in the main hall.
- The institute received the trophy for maximum participation in events conducted from the SNTD Women's University for academic year 2015-2016.

Prizes won: National Level:



Year	Name of the Student	Event	Prize
13 th and 14 th February, 2016	Ms. Kajal Shah (TYFSN)	Table Tennis Single and Doubles	2 nd
15 th to 19 th March, 2016	Ms. Swapnali Belekhar, Ms. Nimisha Panchal, Ms. Poonam Dhumal, Ms. Bhakti Samjaskar and Ms. Pooja Mhasurkar (FYJC)	National Integration Camp	1 st

Ms. Kajal Shah (TYBSc) and Ms. Fatima Dholkawala (FYBSc) were selected to participate in the West Zone inter university table tennis tournament organized by Physical Education Department of SNDTWU at TIT group of institutions Bhopal from 29th February to 3rd March, 2016.

**State Level Sr. Intercollegiate Sports Tournament at Loni (Maharashtra)
(31st August to 2nd September, 2015)**

Year	Name of the Student	Event	Prize
2015- 2016	Ms. Sai Ambukar (SYBSc) and Ms. Simran Patgaonkar (FYBSc)	Basketball Tournament	Selected for Inter university

District Level Competitions:

Year	Name of the Student	Event	Prize
2011-2012 25.07.201 1	Ms. Pragati Lokhande and Ms. Sneha Shetty	Mumbai City district Yogasan	1 st & 4 th
22.12.201 4	Ms. Vishakha Vengurlekar, Ms. Arti Gupta, Ms. Pooja Pawar, Ms. Ankita Madavi, Ms. Tanvi, Ms. Sankashti Panchal, Ms. Pranali Mane & Ms. Renuka Kale (TYBCA)	Kabbaddi competition	2 nd

**Sr. Intercollegiate Kabaddi, Kho - Kho, Langadi, Taekwondo, Rope
Mallakhamb Tournaments & Quiz Competitions at Pune Campus on 9th
to 11th September, 2015**

Year	Name of the Student	Event	Prize
2015- 2016	Ms. Jaie Koyande (FYBSc)	Taekwond o	Silver Medal
	Ms. Aliya Shaikh (FYBSc)		Bronze Medal
	Ms. Ankita Makwana (FYBSc)	Quiz	Silver Medal
	Ms. Aliya Shaikh (FYBSc)		Silver Medal

**Sr. Inter Collegiate Sports Competition organized by Dept. of Physical
Education of SNDTWU**

Year	Name	Event	Prize
2011-2012	Ms. Trupti Kini & group	Team Chess Championship	1 st
	Ms. Arpana Kumari (FYBCA I)		3 rd



	Ms. Trupti Kini (TYBCA I)	Individual Chess Championship	4 th
	Ms. Archana Bidgar (SYBCA II)		5 th
	Ms. Shweta Joshi (SYBSc)		1 st
	Ms. Aishwarya Shrinivasan (SYBSc)	Elocution	Consolation
	Ms. Gauri Puranik (TY BSc.)	Yoga	Consolation
	Ms. Neha Nalawde (TYBSc)		Gold Medal
	Ms. Shraddha Chhaya (FYBSc)	Taekwondo Competition	Bronze Medal
2012-2013	Ms. Archana Bidgar (TYBCA)		1 st
	Ms. Arpanakumari Jha (SYBCA)	Individual Chess Championship	3 rd
	Ms. Anitha Manoharan and Ms. Sunaina Bhandari (SYBCA)	Elocution	1 st
2013-2014	Ms. Kajal Shah (FYBSc), Ms. Tanmayee Chitnis (SYBCA), Ms. Bhagyashree More, Ms. Neena Wagh (TYBCA)	Table Tennis	Team Championship
	Ms. Kajal Shah (FYBSc)		1 st
	Ms. Tanmayee Chitnis (SYBCA)	Individual	3 rd
	Ms. Sneha Sawant, Ms. Samrudhi Shivkar (TYBSc), Ms. Aarthi Shinde (FYBSc), Ms. Pooja Bangera (SYBSc), Ms. Sayli Pawar (SYBCA)		4 th
	Ms. Kajal Shah (FYBSc), Ms. Tanmayee Chitnis (SYBCA)	Yogasana	Promising
2014-2015	Ms. Tanmayee Chitnis, Ms. Nupur Harmalkar (TYBCA), Ms. Purvi Anandan, Ms. Kajal Shah (SYBSc)	Table Tennis	Gold Medal 1 st Team Championship
	Ms. Kajal Shah (SYBSc)		First
	Ms. Tanmayee Chitnis (TYBCA)		Best Player
	Ms. Aditi Deshpande (FYBSc), Ms. Vijayalaxmi Narayan (SYBSc), Ms. Asmita Bhosale, Ms. Shweta Gupta (FYBCA)	Badminton Tournament	Silver Medal 2 nd
	Ms. Aditi Deshpande (FYBSc)		Talented Player



	Ms. Pooja Bangera (TYBSc)	Yogasana	3 rd Talented Player
	Ms. Snehal Padale (TYBCA)	Judo	Bronze Medal
	Ms. Ambuja Parameshwary (SYBSc)		Silver Medal
	Ms. Kajal Shah, Ms. Vijayalaxmi Narayan (TYBSc), Ms. Fatima Dholkawala, Ms. Sonal Chaugule (FYBSc)	Table Tennis	Team Champions hip 1 st
2014-2015	Ms. Kajal Shah (TYBSc)		Individual 2 nd
	Ms. Kajal Shah (TYBSc) (selected for Inter- university level)	Table Tennis	Talented Player
	Ms. Verushka Lobo (FYBSc)		2 nd
	Ms. Sadhana Sharma, Ms. Priyanka (FYBSc)	Wrestling	3 rd
	Ms. Safura Khan (SYBCA I)	Chess	4 th

B) Cultural and Other Extra-curricular Activities:

The co-curricular committee organizes a range of cultural and literary activities. The committee plans its calendar before the beginning of the academic year. Events organized include the following:

- Orientation for new students (first week of July)
- Fresher's meet (second week of July)
- College level election for Students' Council (third week of July)
- Intercollegiate festivals Akanksha & Tekzone with dance, music and literary and technical events (August)
- College picnic for students/for teachers (September)
- Formal events such as Foundation Day (1st Aug.) Independence Day (15th Aug.) Teachers Day (5th Sept.) and Republic Day (26th Jan.)
- Annual day and Personality Queen Contest (Last week of Jan.)
- Farewell Party (Last week of March)
- Women's Day Celebration (8th March)
- Maharashtra Day Celebration (1st May)
- Preparing students for Tejaswini Contest of SNDTWU

'Akanksha' is the college annual intercollegiate festival organized by the Students' council wherein students get the opportunity to develop their organizational skills and nurture their creativity. Yuva Mahotsav' is the annual Youth festival of the SNDTWU wherein students from affiliated colleges from all over India participate. This is a prestigious and highly competitive event. The college appoints coaches to train students in folk dance and theatre events, wherein the college team has won several prizes. Language teachers coach students for participation in literary events as well as Ms. SNTD Tejaswini Contest (List of prize winners Annexure No. 20)



Study tours and industrial visits are organized by the respective departments:

Students are taken for field visits and study tours to give them first hand exposure to the functioning of the workplace, according to their specializations (for details, please refer to 5.1.4 h).

C. NSS Activities:

The NSS unit has four program officers and enrolls about 150 volunteers every year. The unit conducts regular activities and special camps every year. NSS volunteers participate in various awareness drives on AIDS, sanitation and polio and also volunteer in health check-up camps for rubella vaccination, thalassemia counseling, hemoglobin tests, dental and eye checkup, blood donation camp, rallies, street plays and tree plantations (for details of NSS activities please refer to 3.6.1).

5.3.2 Furnish the details of major student achievements in co-curricular, extra curricular and cultural activities at different levels: University/ State/ Zonal/

Year	Intercollegiate	Zonal	State	National	International
2011-12	27	3		1	-
2012-13	20	1	2	1	2
2013-14	16	-	4	5	8
2014-15	28	2	13	5	4
2015-16-	19	3	9	10	-

5.3.3 How does the college seek and use feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?

The college seeks feedback from its graduates and employers as follows:

- An exit form is designed which is given to final year students asking for feedback on curriculum implementation, infrastructure, student support services and suggestions for future plans. Based on the feedback received, the college has introduced new programs such as MCA to enable vertical mobility of BCA students and M.Sc. in Dietetics and Food Service Management. Vocation oriented courses such as Catering Management and Landscape Design have also been introduced.
- Feedback on areas in which performance can be enhanced have been given by alumnae. They have, for instance, suggested incorporating more sessions on entrepreneurship skills, as well as updating training in computer skills, as per the need of the workplace. These suggestions have been incorporated into the syllabi.
- A formal feedback is collected from potential employers where final year students are placed for their internship. The main feedback received has been to enhance soft skills and communication skills. Based on this, the soft skills course at TY level is divided into two components. The focus in Sem. V is on presentation skills while the focus in Sem VI is on writing resumes, appearing for personal interviews and taking part in group discussions. The



Dept. played an important role in ensuring that Soft Skills Development has been added to curriculum of SY TSAD in Semester IV by SNTDWU.

- Informal feedback from industry is given during mock interviews, pool campus and whenever experts from the industry are invited to evaluate student presentations. Feedback from potential employers is also sought during industrial visits and campus selection interviews.

5.3.4 How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other material? List the publications/materials brought out by the students during the previous four academic sessions.

- Every department has been allotted notice boards on their respective floors wherein articles of the latest developments in the subject as well as creative material made by students are displayed.
- Workshops are organized in order to hone the creative writing skills of students, including sessions on how to blog. Students have taken the initiative to start their own blogs such as <https://ayeshaghadigaonkar.wordpress.com>, <https://healthabsoluteblog.wordpress.com>, <http://flavoursvoyage.blogspot.in>
- The book club encourages students to write book reviews and to post them on the library notice board.
- Students work as part of the editorial board of the college magazine 'Akanksha'. They are encouraged to contribute articles and reports on major events. They also contribute creative articles in three languages (English, Hindi and Marathi).
- Students of the Textile Science and Apparel Design Department. Have made booklets on design collections for embroidery and painting.
- Students of the Department of Human Development have produced pamphlets with creative songs and exercises for pre-school children. They have also produced recordings of performances for children for the annual Balmela using the mass media lab on campus.
- FSN students have made pamphlets on nutritious and innovative ideas for recipes. They have also designed posters for 'Nutrition week', breast feeding campaigns which have been used for community awareness drives.
- Students prepare charts and posters as part of their extension work on socially sensitive issues.
- Students of BCA have made mini documentaries on environment and gender related issues.
- Ms. Tejashree Gaikwad of TY TSAD writes articles for "Loksata" a Marathi newspaper. Most of her topics are related to her specialization.

5.3.5 Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.

The Students' council is constituted with Principal as chairperson, faculty members of the co-curricular committee and elected representatives of the student body. Main office bearers are: Vice President/Deputy Vice President/General Secretary/Treasurer/Cultural Activities In-charge/ Class representatives (CRs) and Group representatives (GRs).

Major activities of the council are:



- Organizing inter-collegiate events 'Akanksha' & Tekzone
- Talent hunt at college level to motivate fellow students to participate in inter-collegiate events such as the SNDTWU 'Yuva Mahotsav'
- Arranging social events such as the college picnic, Freshers' meet, farewell party, Dandia-Raas and participating in important college events such as Foundation Day, Independence Day, Republic day and Teacher's Day celebrations.
- Playing active role in environmental sensitization activities
- Communicating problems of student community to college authorities and seeking appropriate solutions
- Student council representatives serve on the library committee, sports committee, Magazine committee and IQAC.
- Ms. Tejashree Gaikwad was elected as representative member of the SNDT Women's University Students council in 2015-2016.
- Student representatives from co-curricular, NSS and sports committees are sent for a leadership camp at Devlali for 3 days organized by SNDTWU.
- Workshops and seminars are specially organized for the members of students' council on topics such as communication and interpersonal skills, team work, leadership skills, planning and prioritization.

Funding is according to the norms of the SNDT Women's University development fund and also under different heads such as gymkhana fees and co-curricular fees. The management extends support wherever required to meet the deficit in expenses.

5.3.6 Give details of various academic and administrative bodies that have student representatives on them.

- | | |
|----------------------------|--|
| ● Students' Council | ● Cell for Caste Based grievances |
| ● I.Q.A.C | ● Sports Committee |
| ● Library Committee | ● Gandhian Studies Centre |
| ● Magazine Committee | ● Environment Sensitization committee |
| ● Local Management | ● Industry visit committee (An extension of placement committee) |
| ● Committee Grievance Cell | ● Jagar Janivancha Abhiyaan Committee |
| ● Anti-Ragging Committee | |

5.3.7 How does the institution network and collaborate with the Alumnae and former faculty of the Institution.

Each department maintains an alumnae data base. In addition, faculty connect with alumnae through social media groups on Facebook and WhatsApp. Special groups have been formed on shared interests such as entrepreneurship and nutrition education. The annual alumnae meet is an important occasion wherein we can network with our former students.

Alumnae are considered as an important human resource base and we invite our former students for guest lectures so that they may share the latest trends in their respective specializations. They are also called upon to motivate stakeholders during orientation for new students and PTA. Alumnae have given back to the institution by means of students freeships, as well as infrastructure (such as microwave in staff room, fridge in BCA staff room and wall clocks in staff room and common room). They have also assisted students with placements. For



example, Ms. Poonam Ratan Gharya has provided placement to TSAD students in her firm 7th Sense Export House while Ms Kajal Bhatia who runs a nutrition counseling enterprise has employed 3 of our students.

We recognize our alumnae achievers by felicitating them on occasion of Annual Day, and during 'Tekzone' intercollegiate festival as young achievers.

Our former faculty are invited for college events especially Women's Day lunch hosted by the Management held on March 8th every year, and also to conduct guest lectures

Donation of alumnae towards freeship of needy students and Tekzone an intercollegiate festival

Number of Alumna invited as resource persons from 2011-2016.

Annexure No. 25

Year	FSN	ND	TSAD	RM	HD	BCA
2011-12	3	-	4	3	2	-
2012-13	4	-	3	2	3	1
2013-14	5	-	4	-	-	8
2014-15	-	-	-	2	2	-
2015-16	-	-	6	-	-	4
Total	12	-	17	7	7	13

CRITERION VI
GOVERNANCE,
LEADERSHIP AND
MANAGEMENT



CRITERION VI

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 State the vision and mission of the Institution and enumerate on how the mission statement defines the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientations, vision for the future, etc.

Our Vision and Mission Statements are as follows:

Vision: *"Empowerment of Women through Quality in Education".*

Mission: *"To impart quality education to women and enable them to become independent and competent, thereby benefiting our society and country at large".*

Institution's Objectives:

- To foster a healthy learning environment
- To make teaching and research relevant to social needs
- To inculcate a humanist outlook in students by means of value based education and community outreach programs
- To focus on vocationalization of courses

Institution's Distinctive Characteristics:

- Multi-faculty institution with a student population of about 900 in all the programs. Being a relatively small institution, there is a positive advantage, as it allows us ample opportunities to focus on quality enhancement and sustenance mechanisms at a micro- level.
- The college is affiliated to the SNDT Women's University, Mumbai, which was started by Bharat Ratna Maharshi Karve in 1916. The institutional vision is in keeping with Dr. Karve's dream of empowering women through the powerful tool of education.
- The institutional policy is to ensure access to education to all women students. Admission is given to any student on a first come basis, until our available seats are filled. We believe that all women are entitled to an equal opportunity and there is no cut-off percentage for admission as long as the student meets the basic eligibility criteria of SNDT Women's University.
- A number of students come from conservative and diverse backgrounds that have not previously the tertiary education of women, and can be referred to as first generation college goers.
- Ensures the holistic development of the students and strives to enhance their professional and personal progression after joining the institution.
- Programs are planned to equip the students with multiple skills and competencies, in order encouraged to enable them to perform to the best of their abilities in an increasingly globalised world. The institution makes a determined effort to introduce skill based components, with a focus on developing employability skills and emphasising on promoting the use of ICT. Academic activities are complimented by co-curricular and extra-



curricular activities to foster the overall mental, spiritual and physical development of students.

Vision for the future:

The institution vision is towards instilling personal and professional ethics, and respect for pluralism and secularism through life-skills education and value education programs.

6.1.2 What is the role of top management, Principal and Faculty in design and implementation of its quality policy and plans?

Role of the Management:

- Our parent body Seva Mandal Education Society (SMES) established in 1957, started on a humble note with just seven women students. Over the last six decades, SMES has been a pioneer in the field of women's education and today has eight institutions under its astute management.
- The Management members work in tandem with the Principal (Dr. Shilpa P. Charankar) and faculty in planning and implementation of quality policy and plans. Transparency and accountability are the central pillars for the functioning of all the top Management's decisions.
- The institution has undergone two cycles of NAAC Accreditation.
 - In the first cycle the institution received a B+ (in 2003).
 - In the second cycle, the institution scored an A grade with a CGPA of 3.64/4 (in 2011) thus showing considerable improvement in the institutional performance.
 - In May 2016, the institution received the **UGC Status of 'College with Potential for Excellence'**.

This was due to the planning and implementation of a well-defined perspective plan. The NAAC peer team review and feedback in the exit report has played a central role in formulating the quality initiatives of the institution and in defining quality parameters to be followed. The institution has successfully complied with the suggestions given by the NAAC Peer team's exit report submitted in 2011. Feedback mechanisms and self-appraisal processes have also helped us to achieve our institutional goals which are as follows:

- To enhance infrastructure and facilities for ICT in order to upgrade academic excellence
- To introduce skill based programs with vocational opportunities
- To equip students with global competencies such as computer and soft skills
- To ensure responsible citizenship through a wide range of social outreach programs
- To create an environment conducive for the students' holistic growth and development
- To develop skills and knowledge according to each student's individual aptitude
- To develop understanding of the inter-relationship of different disciplines of Home Science as well as Computer Applications and inculcate an interdisciplinary approach among students
- To prepare students for employment in Home Science and Computer related fields through interaction with industry



- To enrich professional commitment of the teacher through participation in different faculty development programs.

Role of the Principal

- Principal Dr. Shilpa P. Charankar has been with the institution for more than 3 decades and plays a pivotal role in the administrative and academic functioning of the institution.
- Monitors and coordinates developmental schemes of the college through weekly Wednesday meetings with the Office Bearers of the SMES. She is a qualified Master trainer for developing women managers (as under the UCG program for Capacity building for Women Managers).
- Encourages team work and faculty hence works as one unit in whatever task undertaken. He is member of various statutory bodies & shares decisions taken at various levels & the recent GRs with all faculty members.
- Meetings are organized to a pre-planned schedule and staff members are involved in decision making processes. Follow up is done meticulously. Meetings are conducted in a democratic manner, to arrive at consensus. Action taken reports are presented during monthly meetings. There is an open door policy and transparency in decision making processes. Constructive suggestions are welcomed and discussed openly.

Role of Faculty

- Heads of the Departments have an important role in the general governance and administration of academic activities.
- Since the number of faculty members is relatively small, all faculty members are involved in discussions on matters such as the academic calendar, admission procedures, introduction of new courses, methods of curriculum administration, budget planning, examinations and results, discipline, attendance, library related issues, student development initiatives, and other routine administrative areas.
- The college has developed a Standard Operating Procedure manual for reference by various committees.

6.1.3 What is the involvement of the leadership in ensuring the policy statements and action plans for fulfilment of the stated mission?

- The commitment of the SMES Management is manifested in multiple ways. The top leadership is keenly involved in implementation of the institution perspective plan, in consultation with the Principal and the IQAC. Our quality policy is derived from our vision and mission statement focused on the empowerment of women through quality in education. Empowerment of students is perceived in terms of the knowledge, attitude and skills that the institution imparts. This will give them a strong and positive belief in self, life-long learning and knowledge management skills as well as a sense of social responsibility. All this leads to empowerment at intellectual, financial and emotional levels
- The Management meets the Principal every Wednesday and the Principal communicates decisions taken during these meetings, to the staff during the monthly Quality Improvement Circle meetings on the first Tuesday &



Thursday of every month with the Home Science section, with BCA section respectively. Common staff meetings are held thrice in a year.

- The Management also invites ideas and feedback on areas of improvement from faculty during meetings of the Local Managing Committee, Library Committee, Common staff meetings etc. The Annual Quality Assurance Report of the IQAC is presented before the Management before submission to NAAC.

Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan:

- The academic calendar is formulated before the academic year commences. All activities including the meeting dates are incorporated into the calendar enabling councils, departments and committees to plan their events well in advance.
- Institutional master timetable is planned in advance by the exam and timetable committee and is ready to be implemented as soon as the term begins. This ensures working of all committees to a well- defined time frame.
- Schedule for the Governing Council, LMC, and Managing Council meetings is planned at the beginning of each academic year and circulated among all members. It is displayed on the staff notice board.
- Plans for departmental activities as well as committees such as co-curricular committee, sports committee, NSS, and seminar and workshop, etc. are submitted to the Principal. After participatory discussion, the action plan for operation of the same is incorporated into the institutional strategic plan. The Principal guides faculty to ensure that the institutional objectives are translated into measurable outcomes.
- Faculty present their ideas to the Management during the LMC (Local Managing Committee) meetings. The LMC comprises of Management members, Principal, IQAC coordinator, 3 nominated representatives of teaching staff and 1 non-teaching staff. The meetings are conducted at least twice a year. Alumnae are nominated as members on the LMC of the Department of Computer Applications as this helps the college to keep abreast with the latest developments and requirements of the industry. External experts are invited as members for the LMC of the postgraduate programs of M.Sc. in Clinical Nutrition and Dietetics, P.G Diploma in Sports Science Fitness and Nutrition and PG Diploma in Early Childhood Education, as well as BCA.
- Faculty puts forth ideas to the Management during committee meetings such as Library and Annual IQAC review meetings.
- Management members also attend end of term staff meetings and invite ideas and feedback from faculty.

Interaction with stakeholders

- Management members interact with stakeholders on occasions such as Foundation Day, Teachers Day, Independence Day and Republic day. Parents, alumnae and retired teachers are invited for these functions. Donors and patrons are also specially invited in order to partake in the culture of the institution. The Management hosts lunch for all teaching and non-teaching



staff on occasion of International Women's Day on March 8th in appreciation of their contribution to the institution.

- Management members get opportunity to address students during Annual day, alumnae meets, and cultural events like Akanksha and Tekzone intercollegiate festivals.
- The Principal is the convenor of PTA and Alumina Association and this gives her opportunity to interact with stakeholders. She addresses students during orientations (first year students) and farewell functions (final year students), Annual sports day and NSS annual day amongst other occasions.

Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders

- Planning is undertaken after need-based analysis and getting inputs through feedback mechanisms and interaction with parents during PTA meetings held twice a year, and alumnae interaction during the annual alumnae meet. Alumnae interaction is also actively sustained on social media via a Facebook page specially created for this purpose. Alumnae are also invited to interact with students and staff as resource persons in their respective specializations.
- The Management approaches donors, such as Shri Mayank Shah (eminent Industrialist) for supporting professional development programs for non-teaching staff, and Lions clubs and Rotary clubs for medical camps for teaching staff and non-teaching staff. Details of freeships disbursed to students are shared with respective donors at the end of the academic year. Eminent experts are invited to contribute towards the formulation and initiation of new programs such as 'Kshrujan' for entrepreneurial skills development and "Pedagogy, Advocacy and Transformation" (PUKAR)

Reinforcing the culture of excellence

- The institution ensures the appointment of well qualified faculty for both aided and non-aided sections.
- The institution promotes research among staff and students, programs for non-teaching staff
- The institution has introduced skill based value added programs.
- Biometric regulations are followed and there is a work culture wherein faculty are present on campus for more than the required five hours and more, and are therefore accessible to students.
- The college has to its credit recipients of the SNTD Women's University Best Teacher Award, Fellow of the Textiles Association of India, Best Teacher awards from the Lion's Club, Fulbright Visiting Lecturer Grant Awardee, Postdoctoral Fellow of the Alexander von Humboldt Foundation and recipient of Commonwealth scholarship for M.Sc., in Gerontology.
- The college was the first among SNTDWU affiliated colleges in Maharashtra to conduct CAS/PBAS interviews for selection and appointment of a faculty member as Professor. Student and teacher achievers are invited to the Office Bearers' meetings and are appreciated by the Management.
- Experts are invited from the industry to address staff and students at seminars and conferences and share expertise and benchmarks of excellence in the industry. Experts are members of the jury formulated to evaluate



internship presentations. They also address FY B.Sc. students during the orientation for selection of specialization at the end of Sem. II.

Management provides a conducive atmosphere for reinforcing a culture of excellence.

- We are a beneficiary a Corporate Social Responsibility (CSR) project of SAS institute (India) Ltd. for enabling SMART classrooms and other ICT and technology facilities. The Management has successfully approached donors to construct a new annex building and augment infrastructure.
- SMES formulated an **Institutional ethical committee** in 2012 to monitor and ensure quality in research activities and publications. The body follows the guidelines of **Indian Council of Medical Research** whose parent body is World Health Organisation. (Details of the same are given under 3.3.1).
- College has collaborated on a project on using of **benchmarking** for higher education institutions with PN Doshi College of Arts and Commerce (Ghatkopar) and M.D Shah Mahila College of Arts and Commerce (Malad) in 2014-2015.
- Smt. K.G. Shah Department of Computer Applications received **the Silver Award** for the college project entitled 'Transformation of Girl Students into Empowered Citizens' at **D.L. Shah Quality Award by the Quality Council of India**, New Delhi on 7th August, 2015.
- College has participated in the annual **Best Quality Enhancement Team (BEQET)** projects conducted by the **National Centre for Quality Management (NCQM)** over the last ten years. The objective has been to encourage faculty to undertake projects to enhance quality standards of the institution. We have won 5 times for the following projects, and have received the sustainable membership award:

Year/Date	Team	Project Title
2012-2013	Faculty Dept. of Computer Applications	First prize for project on "Enhancing Employability Skills"
2013-2014	Faculty of Career Oriented Program	Second prize for project on 'Enhancing wellness index of the non-teaching staff'
2014-2015	Department of Textile Science and Apparel Design	Second prize for their project on "Upgrading Infrastructure for enhancing Skills"
2014-2015	Department of Computer Applications	Third prize for their project on "Implementation of strategies to improve and sustain enrolment"
2015-2016	Department of Computer Applications	Second prize for their project on 'SHRISTEE- Erase E-waste'

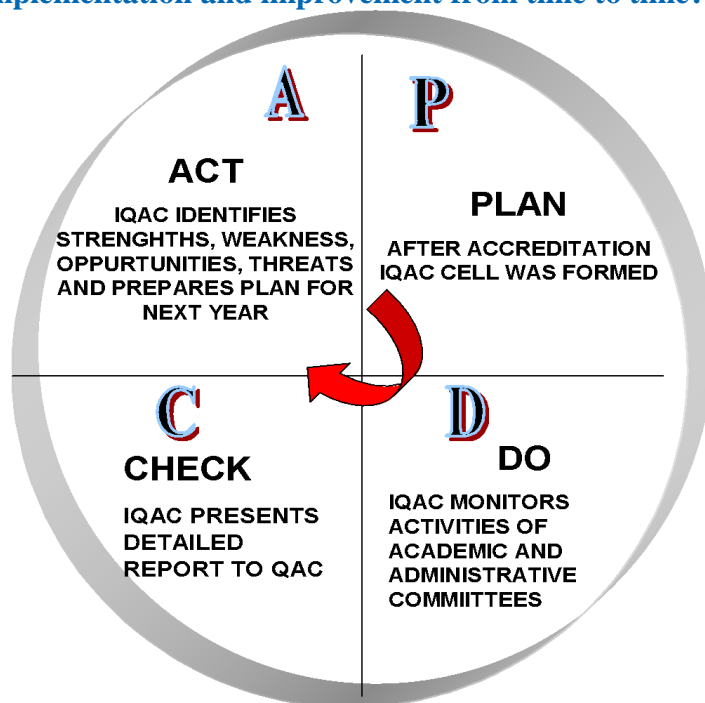
Champion organizational change

Several quality initiatives have been introduced to monitor administrative and academic functioning.

- The Principal conducts regular meetings with a specially formulated committee of non-teaching staff for enhancing administrative functioning.
- Delegation of duties is encouraged so that authority is decentralized and the next rung of leadership is cultivated

- Coordinators and in-charges are appointed for the various courses and are given freedom to initiate innovative ideas after consultation with the Management.
- Time schedules are set for submission and review of API, departmental reports, and committee reports. Follow up is done so as to ensure timely submission.
- Duties of members of committees are well defined in the SOP to ensure smooth functioning of the institution.

6.1.4 What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?

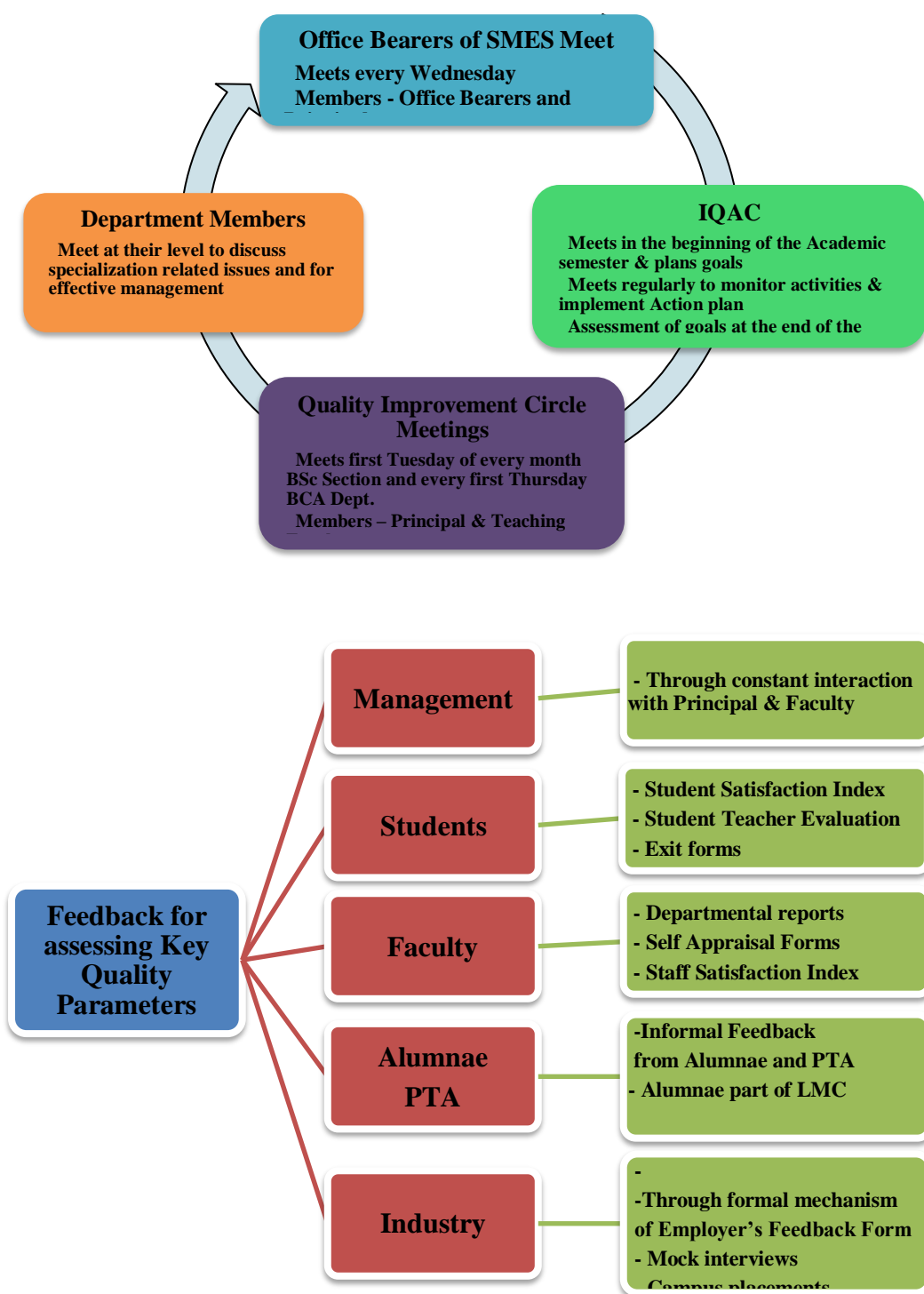


Feedback mechanisms include the following:

- Student–teacher evaluation:** Students evaluate individual teachers at the end of every semester on the basis of all subjects that the teacher has taught. Theory and practical classes are evaluated. The questions are based on parameters like punctuality, discipline, innovative teaching aids used, percentage of interactive sessions conducted, explanation and understanding by the students, additional information beyond syllabus, availability and accessibility, etc. The data collected is analyzed and a computerized report is shared with the teacher in confidence. The Principal confers with the teacher over the report and discusses areas of possible improvement.
- Intra-Departmental Audit:** Each department prepares a self-evaluative report at the end of every academic year. The report states the activities done by the departments, as well as participation by staff members in academic and co-curricular activities. The reports are then subject to an intra-department audit wherein the reports are reviewed by members of another department, IQAC coordinator and Principal. Comments are then shared and departments follow up on the feedback and suggestions given.



- c. Parents Teachers Association:** meetings are held at least twice a year. This allows interface between the Head of the Institution, class teacher, faculty, college counsellor and parents. Parents have the opportunity to offer feedback on the performance of the institution.
- d. Final year students fill an exit form** before they leave the institution. They offer suggestions and feedback on the various mechanisms in the institution. The data is analysed and presented in the departmental profiles, which in turn is reported to the IQAC.
- e. Staff Job engagement index:** A Satisfaction engagement questionnaire is given to the teaching staff every alternate year. Each teacher is required to fill in the index, individually. The scores are then analysed and reviewed in the IQAC meeting.
- f. Feedback is taken from potential employers** wherein students are placed for internship based from parameters related to employability skills. Students are assessed on the basis of their technical skills and soft skills. The institution has worked on the feedback received. For instance, the soft skills value added course has been modified on the basis of inputs received on the level of communication skills of the students placed for internship.
- g. KPI (Key Performance Indicators):** As per the directive of the Government of Maharashtra Government Circular No.N-KPI-2010 the IQAC has been regularly preparing a self-evaluative report of Key Performance Indicators (KPI) on criteria related to teaching/learning/evaluation/administrative/student support practices, for the last five years.
- h. Library Audit:** On recommendation of the IQAC, a library audit was conducted on 25th of August by the head librarians of SVT College of Home Science and Vaze Kelkar College. The observations and recommendations of the experts were placed before the Governing council and an action plan has been drawn up. For example, it has been suggested that the library should enhance its institutional repository.
- i. A Green Audit** was conducted by STEP Techno Solutions on 1st of February 2016. Based on the audit, the institution has started composting of wet waste in the food lab and the canteen. Additional programs have been implemented to create awareness on energy saving measures.



6.1.5 Give details of the academic leadership provided to the faculty by the top management?

The institution is fortunate to be led by

- Highly qualified SMES Management members from professional fields such as medicine, chartered accountancy, engineering and architecture.
- Management members have also served as board members in other educational institutions and eminent organisations such as Sion Hospital,



Amulakh Amichand School, Tarachand Bapa hospital, Lions Club of Sion etc.

- They have been members of the SNDTWU Senate.
- They are totally involved in the effective administration of the institution. Given their rich experience, they are in a position to provide academic leadership to the institution and understand the value of research and innovative teaching practices, and are keenly involved in women's empowerment. They are strong pillars of support and encouragement.
- Management members along with the Principal closely monitor, assist and support us in all activities. Any program plan is first run through them and they impart suggestions necessary for its success.
- They have also contributed magnanimously towards the infrastructure of the college.

Name	Amount donated	Cause
Shri. Pravinbhai Shah (Hon. Secretary)	` 1 crore	Construction of K.G Shah Vidya Bhavan
Shri. Virenbbhai Shah (Vice Chairman)	` 21 lakhs	Naming of Ravji Jivraj Changdaiwala hall
Shri. Virenbbhai Shah (Vice Chairman)	` 51 lakhs	Naming of Visanji Ravji Auditorium.

- As a result of the academic leadership of the Management, the institution has been a pioneer in starting courses of SNDTWU in an affiliated college, such as Bachelor in Computer Applications.
- Principal motivates faculty to take up research projects and extends support towards sanction of FDP from UGC for those who are doing PhD. Two faculty members have availed of this facility in the last NAAC cycle, and a third faculty will be proceeding on FDP shortly. Faculty are also granted duty leave for attending conferences and seminars.
- Financial support is extended for payment of registration fees for national and international conferences. (For details please refer to table 1.1.3)
 - Dr. Kirti Pathak (HOD, Dept. of Human Development) was granted leave to attend course work for a M.Sc. program in Gerontology in the United Kingdom.
 - Prof Mala Pandurang (Vice-Principal) was encouraged to apply for a short term research grant from the Alexander von Humboldt Foundation for a one month stay at the University of Chemnitz, Germany, in May 2016.
- There is provision in the Staff Welfare fund wherein faculty can apply for the amount of ` 7500 for travel assistance for international conferences.

6.1.6 How does the college groom leadership at various levels?

- The institution believes in **decentralization and delegation of authority**.
- The Principal practices an open-door policy. This gives the opportunity to groom leadership at various levels. Apart from Head of Departments, course coordinators are also appointed for un-aided sections. The Vice-Principal and coordinator of the BCA section are invited to be present at the Governing council meetings and their opinions are taken into consideration.



- The Principal believes in team work and encourages junior staff members to take up responsibilities which enhances self-esteem and confidence, and helps to develop the next rung of leadership.
- Committees are formed for three years on rotation basis. This ensures that faculty have the opportunity to learn from the experience of being part of different committees. In-charges of committees are also changed on a rotation basis. The responsibility of organising secretaries is given to different faculty members each time National Level or State level seminar is organised.
- Faculty members are also encouraged to participate in the organisation of mega events organised by the SNDT Women's University such as Yuva Mahotsav and Avhaan disaster management training camp from 21st May to 1st June 2015 so as to gain experience of team work and organisational skills. They also play an important role in decision making bodies of the University and are granted duty leave to attend meetings of the same.
- Student council members are also encouraged to take up leadership roles and get opportunities through the organisation of mega events such as Akanksha and Tekzone intercollegiate festivals. NSS unit develops their leadership skills through social outreach projects and the NSS Special Camp. Students are deputed to attend the annual leadership camps at Devalali (Maharashtra) organised by SNDTWU.

6.1.7 How does the college delegate authority and provide operational autonomy to the departments / units of the institution and work towards decentralized governance system.

The institution believes in a decentralized governance system with a horizontal system of management, rather than rigid hierarchal governance.

Nature of Authority	Description
Management	<ul style="list-style-type: none"> • Gives substantial independence to the Principal in the administration of the college
Principal	<ul style="list-style-type: none"> • Firmly believes in the vision of the institution and communicates this to all staff members • Follows a participative style of leadership and involves teaching and non-teaching members in decision making processes • Administrative functioning is decentralized by setting up committees for the proper implementation of the academic programs, and execution of academic, co-curricular and extra-curricular activities. • Holds regular meetings with the committees which streamlines the decision making process, making it open and participatory. • Formulates working groups for organizing UGC /NAAC seminars
Faculty members	<ul style="list-style-type: none"> • Encouraged to take up multi-dimensional roles in different areas of institutional development such as extension work, co-curricular activities, alumna and PTA. • Given opportunity to take charge of committees on a rotation basis. • A different working group is formulated when every time a proposal is sent for funding for a National or State level seminar.



	In this manner, the Principal ensures that teachers get the opportunity to avail of the experience of being the organizing secretary on rotation basis. Faculty are thus trained to assume leadership roles. All members are given duties as part of the organizing committee
Departments	<ul style="list-style-type: none">● Given operational autonomy to plan the activities for the year, resource persons to be invited and programs to be organised● Pre and post budget plans are submitted for any event that is organized● All plans for improvement in infrastructure and facilities are presented to the Principal and the IQAC

6.1.8 Does the college promote a culture of participative management? If 'yes', indicate the levels of participative management.

The institution is a small closely knit unit and at every level participative management is practiced.

- The principal meets the Management once a week.
- The Vice-Principal participates in the Governing Council meetings once in a month. LMC meetings are held at least twice in a year.
- The Local Managing committee comprises of the Principal, IQAC coordinator and three staff members and non-teaching member on a rotation basis
- The Principal shares all circulars received from the UGC, SNDTWU and the State Government. In this way, faculty are kept well informed of Government and UGC schemes.
- The HODs are consulted before any policy decision is taken. Matters are also discussed during the staff meetings and opinions of all staff members are taken into consideration.
- Decisions are collectively taken after deliberation in staff meetings and during the IQAC review meetings.
- Non-teaching staff representatives on the IQAC are also invited to give their opinion.
- For grant received from the UGC, the Principal ensures that the Heads of the department are closely involved right from preparation of the proposal to following up the expenditure of the received grant. The working committee for the UGC 12th plan reviews grants sanctioned and the implementation of schemes for the same.

6.2 Strategy Development and Deployment

6.2.1 Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?

- Our vision is "Empowerment of Women through quality in Education" and this defines our very rationale as an educational institution. Our quality policy is derived from our vision and mission statement.
- It was crucial to define the notion of 'Empowerment', so that we could formulate clearly defined objectives which would enable us to move towards this long term goal. We perceive 'empowerment' of students in terms of the knowledge, attitude and skills that the institution imparts, and which the students imbibe. This ultimately gives them a strong and positive



belief in self, life-long learning and knowledge management skills as well as a sense of social responsibility. All this leads to empowerment at intellectual, financial and emotional levels.

- The strategy to implement our quality policy is through the principle of KASH, namely - K-knowledge, A- attitude, S- skills, H-habit. A few examples of our objective, strategies and results achieved in terms of the KASH model is presented in Annexure No. 26

6.2.2 Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.

Our perspective plan is need based, and can be considered in terms of the following components:

Aspects	Action Taken
Infrastructure	<ul style="list-style-type: none"> • K.G. Shah Vidya Bhavan first NAAC accreditation cycle in 2003. While the annex complex was constructed shortly before the second cycle in 2011, infrastructure and other facilities have been enhanced in the post NAAC period (2011-2016) • Institution has been provided with the best of infrastructure over the last 16 years through the concerted efforts of our Management. For e.g. a unique restaurant set up has been provided, equipment in the textiles labs has been upgraded, piped gas in labs, setting up of Gandhian Studies centre, • Under the CPE scheme, laboratory facilities will be further enhanced and upgraded.
Enhancing of ICT facilities	<ul style="list-style-type: none"> • Institution is Wi-Fi enabled. • Signed a MOU with SAS India Ltd, wherein our college has been provided with funding to convert 5 existing classrooms to smart classrooms to enable virtual learning using ICT tools
Human Resource Development	<ul style="list-style-type: none"> • The perspective plan also looks forward to have 100% faculty with doctorate degrees. Of 17 full time staff members, 6 faculty have a PhD degree while 5 faculty are registered as PhD scholars. • Faculty are encouraged to attend orientation and refresher courses and short term courses organised by the UGC Human Resource Centre • 6 faculty have attended the UGC capacity building training program for women and Dr. Shilpa Charankar (Principal) is a master trainer under this scheme.
Introduction of new courses with a skill based components:	<ul style="list-style-type: none"> • Soft Skills Development program at TY B.Sc./BCA level 2012 • Life Skills program based on Gandhian Values (Sem. IV S.Y B.Sc.) 2014 • Certificate in Community Based Participatory research for F.Y (ND) in collaboration with PUKAR 2014 • Catering Management 2016 • Pre-school and crèche Management 2015 • Certificate course in Entrepreneurship skills Development 2012



	<ul style="list-style-type: none">• Certificate course in Landscape designing 2016
Under CPE	<ul style="list-style-type: none">• Upgradation of Laboratories and ICT facilities• Training Programmes for teachers• Skill enhancement programs for students• Library Upgradation

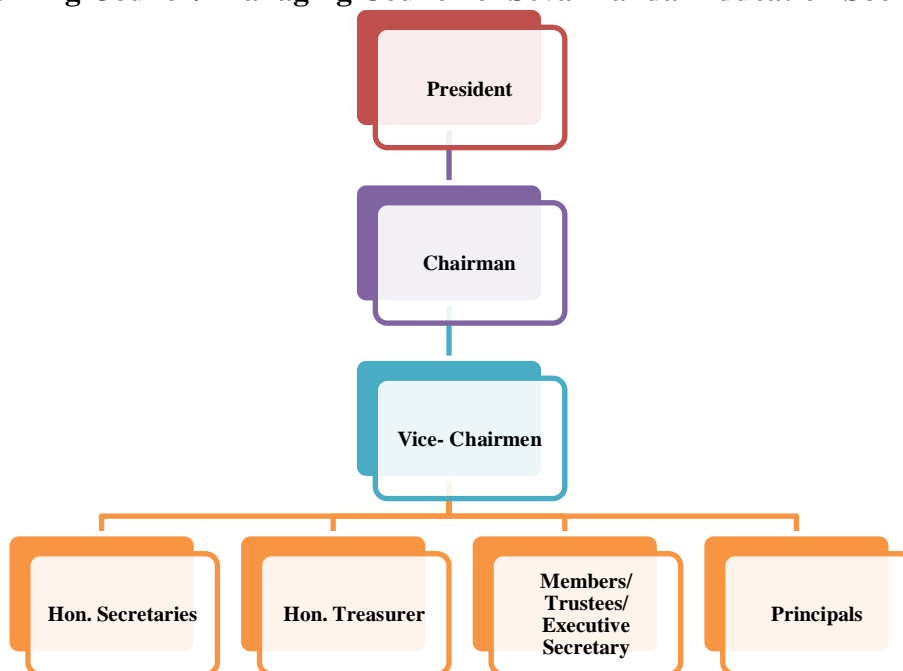
6.2.3 Describe the internal organizational structure and decision making processes.



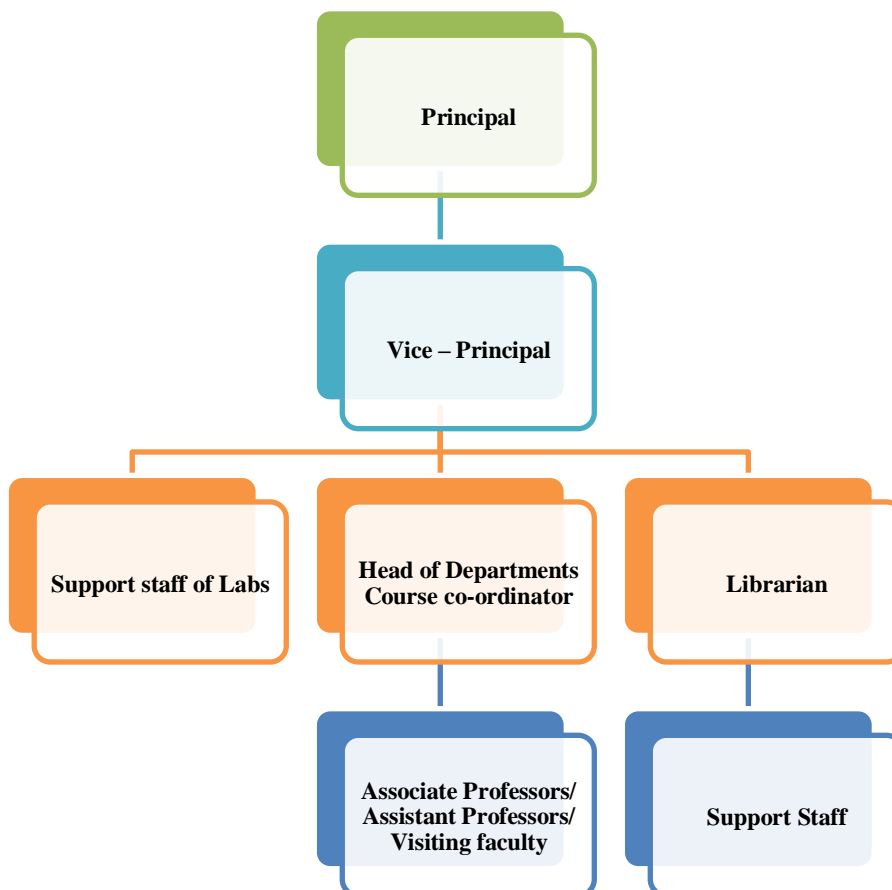


6.2.1 Give the organizational structure and details of the academic bodies of the institution.

Governing Council/ Managing Council of Seva Mandal Education Society

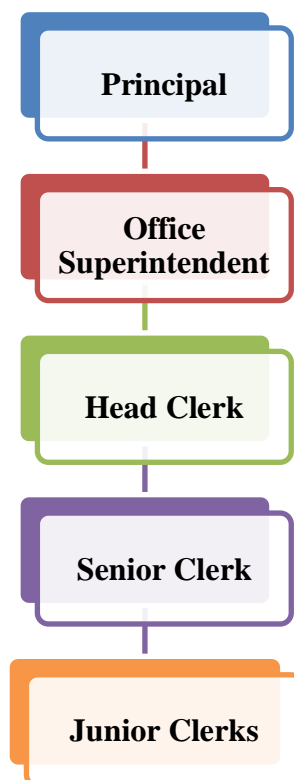


Academic Bodies





Administrative Staff



6.2.4 Give a broad description of the quality improvement strategies of the institution for each of the following

Teaching & Learning

- Timely preparation of lesson plans at the beginning of each semester and periodical review by HODS
- Preparation of academic calendar//Master timetable/examination schedule before the commencement of the academic year
- Orientation of students to syllabus and learning objectives at the start of the academic year
- Effective implementation of summative and formative evaluation monitored by the HODs and examination committee
- Mentoring program and trained counsellor on campus as part of student support for better learning practices
- Evaluation of teaching effectiveness through student teacher evaluation
- Provision/upgrading equipment as per the requirements put forth by the respective departments
- Provision of infrastructure such as the hospitality management Lab and ICT enabled classrooms.
- Focus on exam reforms and ethical practices to prevent malpractices
- Faculty development programs to enhance personal and professional skills
- Library facilities to inculcate a culture of research
- Computer labs with the latest in software and hardware
- Focus on industry interaction through internship, field visits and invitation of external jury)
- Incubation cell for mentoring research ideas of M.Sc. students

Research & Development-



- The college research committee monitors the following research activities on campus:
- Mentors faculty on how to apply for UGC minor and major research projects. Scrutinizes research proposals before forwarding to the UGC
- Conducts workshops on research processes for faculty on topics such as 'intellectual property rights', 'ethics of publication', 'academic and scientific writing' etc.
- Coordinates with the library for availability of online databases
- Coordinates with editor of the college research journal 'Ideas'
- Encourages student participation in research based competitions and undergraduate research projects
- Organises an annual intercollegiate undergraduate research competition
- Encourages collaborative projects with industry such as Marico, Pepsico.

Community engagement-

- Recognition from Government of Maharashtra for gender sensitization programs through Jagar Janivancha Abiyaan
- NSS volunteers work in communities such as Talasari, Ashadeep Association (Balwadi) at Andheri and Goregaon; Bamanwada, Mahakali Caves, Shakti Center, Sahar Village (Andheri) and Dindoshi Center (Goregaon); Shradhanand Mahila Ashram, Matunga; YWCA (Young Women Christian Association) – Bhandup; Stree Mukti Sanghatana activities at Ghatkopar and Chembur, Hanuman Nagar Balwadi in Bhandup.
- Community nutrition education programs undertaken by department of Food Science and Nutrition at Chota Sion Hospital.
- Project on 'Intergenerational interaction of younger generation with senior citizens' through NGO THRED
- Environment issues are taken up such as tree plantation, save energy campaign, waste management, Swacha Bharat Abhiyan .
- Skills training at Ashadeep Association by students of the TSAD Dept. Training workshop in Fabric Painting and Embroidery for the marginalized section of the society in collaboration with Department of Fiber and Textile Processing Technology, Institute of Chemical Technology, Mumbai

Human resource management-

- Posts are advertised and faculty recruited on the basis of UGC, Government and University norms
- Faculty development programs are organised to encourage professional and personal growth
- Work culture is enhanced through good infrastructure and comfortable workspace
- Staff are deputed to participate in short term training programs
- English communication skills sessions are held for non-teaching staff once a week
- Workshops are conducted for non-teaching staff for personal and professional upgradation
- Statutory committees are in place such as grievance cell, cell against caste-based grievance, RTI, anti-sexual harassment etc.

Industry interaction



- Internship placements at organisations and companies (For Details please refer to 1.1.5)
- Placement committee conducts pool campus and interviews with companies such as Wipro InfoTech, Infosys, Wipro Technologies, Tech Mahendra, Cognizant, SEED Infotech etc.
- Institution also has been active in getting industry related projects with companies like Marico and Pepsico India Ltd.
- Departments arrange industrial visits and study tours according to specializations. Refer to 5.1.4 (h)
- NAAC Sponsored National Level Seminar on 'Best practices in Teaching, Learning and Evaluation' had a special session on "Towards holistic education- the role of academia, industry and professional bodies in today's education system". Panelists were Dr. Prabodh Halde (Manager Food Regulatory, Marico Industries); Prof Shobha Udipi [Rtd] Head, Post Graduate Dept. of Food Science and Nutrition (SNDT Women's University); and Mr. Ullhas Nimkar (Chairman and Managing Director of NimkarTek Technical Services Pvt. Ltd).
- Experts are invited from the industry to address staff and students at seminars and conferences, and to share benchmarks of excellence in the industry. They are also invited as part of the Jury for internship and as experts for curriculum planning
- Faculties are members of various professional bodies such as AFSTI Mumbai Chapter, PFNDIAI Mumbai Chapter, IDA Textile Association India. They have been instrumental in bringing in collaborative ventures.

6.2.5 How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities of the institution?

- Each Wednesday, the executive committee of the Management and the Principal meets to discuss issues related to the institution. This ensures a continuous flow of information and quick decision making process.
- The Principal is a member of University Statutory bodies of SNDTWU as well as decision making bodies of other Universities. She is therefore in the position of being well informed of policies and schemes.
- She shares relevant information with staff on Government Resolutions, SNDTWU policy decisions and circulars from the Joint Director of Higher and Technical Education's Office.
- The Governing council meeting is held on the second Wednesday of every month. Along with the Principal, the Vice-principal and BCA Course Coordinator gets the opportunity to meet the Management and review the activities of the institution.
- The Local Managing committee has members of the teaching faculty, and non-teaching staff along with the IQAC coordinator and Principal. This ensures that faculty and management members meet and discuss strategies for institutional development.
- Library committee meetings are held twice in a year wherein Management, Principal, Vice-Principal, HODs, librarian and student members offer feedback and suggestion on improvement of library services.



- Management members are also part of the IQAC and offer feedback during the annual review meeting of the IQAC held in March every year. The AQAR is shared with management members before it is sent to NAAC.
- The Managing Council Meeting is held four times a year. Detailed information about the progress and development of the institution is shared. The SMES annual report is sent to all SMES members.
- The Principal, Vice-Principal and senior staff members are present for the PTA meetings as well as aluminae meetings. In these meetings, institution policies and plans are shared with parents and feedback is received.
- In addition, the college magazine carries detailed reports of every department committees, offering an in depth view of the activities of the college.

Seva Mandal Education Society's Statutory bodies & its Tentative Meeting Schedule for Academic year 2016 -2017

Meeting Days: Wednesdays/Saturdays Timings: 10.30 a.m.

SMES GOVERNING COUNCIL [Wednesdays] 10. 30 a.m.	SMES MANAGING COUNCIL [Saturdays] 10.30 a.m.
8 th June, 2016 13 th July, 2016 10 th August, 2016 14 th September, 2016 19 th October, 2016 9 th November, 2016 14 th December, 2016 11 th January, 2017 8 th February, 2017 8 th March, 2017 12 th April, 2017 9 th May, 2017	23 rd July, 2016 29 th October, 2016 21 st January, 2017 22 nd April, 2017
	SMES ANNUAL GENERAL MEETING [Saturday] 10.00 a.m.
	29 th October, 2016
LIBRARY COMMITTEE[Combined]	LMC Dr. BMN COLLEGE [Wednesdays]10.30 a.m.
21 st September, 2016 25 th January, 2017	24 th August, 2016 15 th March, 2017
LMC Smt. K.G. SHAH DEPT. OF COMPUTER APPLICATIONS [Saturdays]10.30 a.m.	LMC MSc/ PGSSFN/PGECE Dr. BMN COLLEGE [Wednesdays]2.30 p.m.
24 th September, 2016 18 th March, 2017	21 st September, 2016 19 th April, 2017

6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

The Management members, through the principal, are made aware of all activities that take place on campus. Staff are encouraged and supported by a proactive Management through the following examples:.

- Principal invites faculty who have achieved laurels to meet the Management during the weekly Wednesday meeting.



- Faculty who have presented papers at International level are felicitated on Teachers' day Function, thus motivating them to undertake further research.
- Faculty who have completed 10/20/25/30 years of service are felicitated during Teachers' day function and non-teaching staff members who have completed 10/20/25/ 30years of service are felicitated on occasion of Foundation day.
- Faculty who wish to attend UGC Refresher courses and Orientation programs (including faculty from unaided section) are sanctioned duty leave.
- Faculty who present papers at International and national level conferences can apply for financial support for registration fees.
- Management show support through their physical presence at all important functions organised by the college. They extend assistance in organising for outdoor visits and staff picnics. They also assist in contacting faculty for workshops for teaching and non-teaching staff.
- Management hosts lunch on occasion of International Women's day on 8th of March to express appreciation of staff and non-teaching staff for contribution to the institution.
- 'Smt. Dakshaben Pathak Endowment Lecture Series' was instituted by the Honorary Secretary of SMES Dr. Bharat Pathak in 2008. On September 3rd every year, a public lectures by an eminent doctor are organized keeping the thrust area of 'Women and Health' in mind.
- The Management believes in fostering academic excellence by providing all the facilities/equipment/infrastructure required by the staff members for innovative teaching-learning activities.
- Management extends budgetary/ monetary support for purchase of additional books in the library and equipment as per the requirement of the departments. They also making provisions for extra laptops, at the request of faculty.
- Management assist in arranging health camps for teaching and non-teaching staff,
- Provision has been made for a spacious and well ventilated staff room with locker facilities, microwave oven and fridge, which creates a congenial work culture infused with positive energy.



6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions (2015-2016).

Date of the Governing council meeting	Major Decisions Taken
07.08.2015	<ul style="list-style-type: none"> Expenditure for presentation at Quality Council of India projects presentation was approved. Security arrangements on campus to be evaluated and upgraded. 'Kshrujan' entrepreneurship development course was discussed and approved Free ship proposal from Karmayogi foundation discussed and applications received approved for submission. Institution has been shortlisted for best college award by SNDT WU. The college should preparations to receive evaluating team.
08.10.2015	<ul style="list-style-type: none"> Issue of patency to be looked at and a session to be organized on the topic.
09.11.2015	<ul style="list-style-type: none"> College has been shortlisted for 'Project India Youth Fund' as 10th among 187 institutions. A presentation will be given by faculty for the project. Budget for Account section prepared and accepted. Files for Affiliation (continued and permanent) prepared and approved for submission to SNDT Women's University.
01.12.2015	<ul style="list-style-type: none"> Confidential reports were shared with Management of teaching and non-teaching staff members
06.01.2016	<ul style="list-style-type: none"> Approval of recruitment of teacher for the leave vacancy of Mrs. Veena Verma who has been sanctioned FDP (Dept. of TSAD) Approval of nomination of Dr. Shoba Udipi as additional member of the ethical committee The budget for the college biennial exhibition was presented and sanctioned.
03.02.2016	<ul style="list-style-type: none"> Income and Expenditure for the Balmela was presented and approved. List of 15 holidays for the institution out of the proposed list from the SNDWU was finalised. Green Audit proposal was accepted. CSR-SAS proposal was discussed in terms of additional infrastructure requirements. Budget for the NAAC National seminar was shared (on basis of sanctioned grant of Rs.1 lakh sanctioned by UGC)
03.03.2016	<ul style="list-style-type: none"> Annual seminar to be conducted by Gandhian Studies was discussed and finalized Annual Maintenance contracts discussed Filling up of fire extinguishers to be done immediately Students' attendance should be strictly monitored by teachers



07.04.2016	<ul style="list-style-type: none">• It was resolved that PhD students who approach the institution's ethical committee must pay Rs. 3000/- for ethical clearance.• Avenues for solar energy on campus to be looked into.• Mr. Bendre, Project Manager from Oriens visited SMES campus to look into installing of solar panels
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6.2.8 Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If 'yes', what are the efforts made by the institution in obtaining autonomy?

Yes, the SNDT Women's University has a provision for according the status of autonomy.

- The institution is in the process of exploring aspects of autonomy and has conducted a workshop on autonomy.
- The Management are also in discussion of the same.
- Principal has attended a session organised by the Vice Chancellor of SNDTWU on autonomy on 8th June 2016 and shared the inputs with staff.
- On 23rd September 2016, she attended a session organised for Principals along with Hon. Secretary Shri. Pravinbhai Shah, at St Xavier's College.
- A session on Autonomy was conducted by Dr. Vijay Joshi, Principal, K. J. Somaiya College on 23rd September, 2016 for all staff members.

6.2.9 How does the Institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyse the nature of grievances for promoting better stakeholder relationship?

- There is a formal grievance redressal cell, as well as a special committee for caste-based grievances (Annexure No 27)
- With reference to Sexual Harassment at work place (Prevention, Prohibition and Redressal) Act of 2013, the Management of Seva Mandal Education Society has formulated an Internal Complaints Committee (Annexure No 23).
- No written complaint has been received so far. This can be attributed to the accessibility and open door policy of the principal who ensures that grievances are addressed immediately and in a fair manner.
- Staff meetings are also an open forum for discussion. If they so desire, the faculty has the freedom to approach the Management.

The following mechanisms are in place for students.

- The counsellor has a suggestion box wherein complaints received are dealt with in consultation with the principal.
- Suggestion boxes are also placed in the students' common room and the library.
- Students may approach their mentor or class teacher/HOD to deal with any grievance. If they feel that the issues has not been dealt with adequately, they are free to approach the Vice Principal and/or the Principal.
- A grievance committee for exam related matters has been formulated wherein the student can submit an application to the committee.



6.2.10 During the last four years, had there been any instances of court cases filed by and against the institute? Provide details on the issues and decisions of the courts on these?

There have been no instances of court cases filed by and against the institution.

6.2.11 Does the Institution have a mechanism for analysing student feedback on institutional performance? If 'yes', what was the outcome and response of the institution to such an effort

Feedback	Action
Student satisfaction index	<ul style="list-style-type: none"> Students offer feedback on student support services offered by the college Questionnaire is administered once in two years.
Library Feedback questionnaire	<ul style="list-style-type: none"> Given to final year students at the end of the academic year. Questions are based on library services and requirements of students. Report is presented in the library committee meeting.
Student–teacher evaluation	<ul style="list-style-type: none"> Students evaluate each teacher at the end of every semester. Data thus collected is analyzed and a computerized report is shared with each teacher in confidence. Principal confers with the teacher over the report and discusses areas of possible improvement.
Exit forms	<ul style="list-style-type: none"> Final year students fill an exit form before they leave the institution. They offer suggestions and feedback on the various mechanisms in the institution. Data is analyzed and presented in the departmental profiles, which in turn is reported to the IQAC

6.3 Faculty Empowerment Strategies

6.3.1 What are the efforts made by the institution to enhance the professional development of its teaching and non-teaching staff?

Workshops, training sessions and lectures organized for Faculty in the last five years (2011-2016):

Date	Topic	Resource Person
17.08.2010	'Self-Development'	Mr. Jignesh Sanghvi
03.09.2010	Endowment lecture on 'breast cancer and stoma care'	Dr. Anita Borges and Dr. Harikesh G. Buch.
24.02.2011	'Academic writing'	Dr. Ravikala Kamath
11.08.2011	Interactive workshop on ICT	Dr. Jayashree Shinde (Head of Dept. of Educational technology, SNDT Women's University)
10.04.2012	Research Funding Agencies	Dr. Shilpa Charankar, Principal
10.07.2012	Orientation to the API/PBAS appraisal system	Dr. Deepa Sharma, Principal, M.D Shah College Malad.



06.08.2012 - 09.08.2012	Training program on use of Microsoft Excel	Mr. Shahajahan Khan, Coordinator, Dept. of Computer Applications
11.08.2012	A Date with oneself	Mr. Viren Sanghvi (Motivational speaker)
15.04.2013 - 20.04.2013	Integrating ICT in Higher Education	Organised by Dept. of Educational Technology, (SNDTWU)
06.08.2013	Knowing the BMN Website	Mr. Abdul Rahman, Asst. Professor
07.08.2013 - 08.08.2013	Learning Graphics with CorelDraw	Mr. Shahajahan Khan, BCA Program Co-ordinator
14.10.2013 - 18.10.2013	Hypertext Pre-processor for BCA staff members	Mr. Abdul Rahman, Asst. Professor
03.04.2014 - 04.04.2014	Health and Fitness	Mr. Dhananjay More (Health and Fitness Specialist)
01.08.2014	Use of ICT for Research	Mrs. Vidya Subramanian, Librarian
16.09.2014	Green Audit	Fr. Allwyn D'silva
15.12.2014	Cyber Crime	Mr. Sachin Dedhia
28.10.2015	Classroom Management	Mrs. Margaret D'Costa
04.04.2016	ICT in teaching and learning	Dr. Geeta Thakur

Workshops, training sessions and lectures organized for Non - teaching Staff in the last five years (2011- 2016)

Date	Topic	Resource Person
22.07.2011	House Keeping -5 S's of Waste Elimination	Mr. Madan D. Mandlekar (NCQM)
30.07.2011	Attitude	Mr. Jignesh Sanghvi
19.08.2011	Customers Relation skills for Frontline staff	Mr. Jignesh Sanghvi
12.12.2011	Professionalism at work place & ethics	Mr. Jignesh Sanghvi
07.01.2012	Stress Management	Mr. Jignesh Sanghvi
28.02.2012	Visualization and Health	Mr. Jignesh Sanghvi
14.09.2012	Secrets Of Happy life	Mr. Jignesh Sanghvi
01.09.2012	Anger management	Mrs. Archana Patki
01.10.2012	Motivation and Self Development	Mrs. Archana Patki
29.09.2012- 30.09.2012	Physical Fitness test	Mrs. Poulomi Nair
2012	Personal Counselling	Mr. Jignesh Sanghvi
20.09.2013	Communication skills	Mrs. Mayura Puntambekar
23.09.2013	Health and Life style	Ms. Paulomi Nair
08.08.2014	Self-analysis and improvement	Mr. Jignesh Sanghvi
12.09.2014	Self-analysis and improvement	Mr. Jignesh Sanghvi



08.08.2014	Working in a team	Mr. Jignesh Sanghvi
12.09.2014	Leadership	Mr. Jignesh Sanghvi
20.12.2015	Time management	Mr. Jignesh Sanghvi
12.02.2016	Reducing stress	Mr. Jignesh Sanghvi

SESSIONS ATTENDED OUTSIDE THE INSTITUTION

Date	Details
14.10.2011	Mr. Subhash Chavan and Mr. Sunil Pujari won 3 rd prize for their presentation of 'Professionalism at work place & ethics' at a seminar organised by Ratnam college of Arts and Commerce, Bhandup
03.02.2012	Mrs. Loka Iyer, Mr. Shashi G Jagde and Mr. Sanjay Lolam attended a Workshop on 'Opportunities, challenges and career prospects for non-teaching staff' by Dr. Nitin Pawar organised by Model College, Dombivili
17.09.2014	Mrs. Noletti Periera and Ms. Laxmi Gupta attended a workshop on 'All India survey on higher education and management information system' at SNTD Women's University, Juhu Campus
22.11.2014	Mrs. Ajudah Monterio, Office Superintendent and Mrs. Shahida Hussain, Jr. Clerk attended a workshop for 'Non-teaching staff – 2014' organized by Joint Director, Higher Education, Mumbai Region at Ramniranjan Jhunjhunwala College, Ghatkopar
05.12.2014	Mrs. Khurshid Shaikh and Mrs. Anita Fernando attended seminar on 'Technology for Education Institutions' at Thane

6.3.2 What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?

- Staff members are nominated for relevant short term training programs organised at the UGC Human Resource Centre, University of Mumbai. Kalina, and also deputed to attend orientation and refresher courses (Please refer to 1.1.3)
- 35 faculty members(of aided and unaided sections)underwent a 6 day training program conducted by SNTD Women's University from 15th to 20th April 2013 on 'Integrating ICT in Higher education' in collaboration with Commonwealth of Learning (Canada).
- English faculty has undergone training by NASSCOM as 'Train the trainer for Global Business Foundation Skills' from 18th to 23rd Jan.2016
- Faculty are sent for programs on Quality parameters conducted by NCQM and also for 3 day workshop 'Towards Understanding Quality Parameters for the Bajaj Ramakrishna national quality awards' from 6th – 9th April, 2016
- 4 faculty have attended UGC recognised Capacity building workshops for women.
- Incentives include sanction of leave, recognition from the management and Felicitation on occasion of teachers' day. Faculty are motivated to undertake research projects and apply for funding.



6.3.3 Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.

Performance appraisal of the staff is done through the following processes.

- **Student teacher evaluation:** This is a formal format given to students who give a feedback on the teaching related aspects of the teacher. Positive feedback and corrective measures are given to staff members through personal interaction with the Principal.
- **Confidential annual self-assessment report of teaching and non-teaching staff:** Individual faculty provide information of academic and co-curricular /extracurricular work done during the academic year. The forms are reviewed by the HODs and the Principal, and feedback is communicated in writing. Forms of the HODs are reviewed by the Vice-Principal. Principal's self-appraisal and confidential report is reviewed by the Management.
- **API indicators** wherein teachers performance in teaching, as well as curricular activities and research based activities is appraised by the IQAC
- **Internal academic audit is conducted annually** wherein faculty involvement and performance is audited by peers.
- Committees also submit their annual reports to the IQAC and suggestions are given for activities for the next academic year

6.3.4 What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?

The following performance appraisal reports are reviewed by the Management, Principal and IQAC. Accordingly major decisions are taken which are communicated in person, during meetings, and by display of minutes as is appropriate.

- **Student teacher evaluation:** Individual faculty interact with the principal who gives a feedback on both positive and negative aspects. The HODs monitor the required changes.
- **Self-assessment report:** Faculty are given a confidential report which highlights positive contributions as well as areas that need improvement.
- **Intra-Departmental audit:** Feedback is shared with the respective departments. The department makes a presentation to show how it has addressed the suggestions given in the previous year.
- The **API** provides numeric data for each staff member and appraises performance taking into all aspects of teaching learning, extra and curricular activities and research. Teachers are informed of changes in scores, if any, after verification.



6.3.5 What are the welfare schemes available for teaching and non-teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?

The staff welfare fund has been constituted by the management. The following schemes are available for teaching and non –teaching staff:

- Medical checkup in collaboration with the SMES College of Nursing
- Access to trained counsellor on campus
- Access to doctor on campus
- Appointment of spouses of deceased non-teaching staff members on compassionate grounds by the Management
- Post-retirement opportunities such as for library non-teaching staff
- Loan for children/ wards' education

6.3.6 What are the measures taken by the Institution for attracting and retaining eminent faculty?

- Posts are advertised in newspaper and appointment is done according to norms of UGC, Government of Maharashtra and SNDTWU.
- The management offers substantial salary for unaided courses
- The fact that the institution has been able to retain the majority of its staff, faculty of unaided courses, is evidence of satisfaction with the congenial work culture and secular character of the institution.
- Faculty development programmes are organised on a regular basis of at least one program per semester.
- Registration for attending seminars and workshops is subsidised by the Management.

6.4 Financial Management and Resource Mobilization

6.4.1 What is the institutional mechanism to monitor effective and efficient use of available financial resources?

- The institution has delegated work of looking after efficient use of available financial resources to specific members of the administrative staff.
- A committee formulated for the UGC 12th plan looks into proposal, and utilization of funds. The Principal places the proposals for the consideration and approval of the Management.
- HODs are delegated responsibility of monitoring resources for department specific activities. Actual expenditure is monitored by the accounts section.
- Faculty who avail of research grants are made accountable for efficient use of the grant obtained.
- Grants received for any seminar/ workshop also are monitored by a member of the faculty who is appointed as the treasurer for the same.
- For each activity, the pre-budget and post budget accounts are submitted to the Management by the Principal.
- All payment is made by cheque and all cheques are to have two signatures to ensure checks and balance at all levels
- Surplus deficits are borne by the Management. For example, the Management has incurred additional capital expenditure for the furnishing and designing of the Gandhian Studies centre.
- Surplus amount received by Tekzone sponsorship is utilised for purchasing equipment for the department



- Funds collected through e-waste drive are used towards freeship for needy students
- Funds collected through alumnae are used to buy computers and peripherals.

6.4.2 What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.

There is a system of internal financial audit carried by a qualified C.A appointed by the Management (Shri. Narendra Dani.) Date wise/month wise/ basic data/voucher/bill/fees collection are recorded by junior administrative staff, which is then verified by senior accountant, superintendent and the internal auditor. Government norms are strictly adhered to. The last audit was done from Dec. 2015 to March 2016. The balance sheet is printed every year in the SMES annual report. An external auditor Mrs. Ena K. Doshi (Chartered Accountant M.No. 47345), verifies the data as per standard norms including compliance required by Joint Director of Higher Education. An external audit was also conducted for the years 2002 to 2016 by the Joint Director of Education. The duly signed assessment report is yet to be received.

6.4.3 What are the major sources of institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and the reserve fund/corpus available with Institutions, if any.

- Salary / Grant in Aid from the Dept. of Higher and Technical Education, Government of Maharashtra for aided program of B.Sc. in Home Science
- Funding viz. UGC grants as sanctioned under 12th Plan
- Fees collected from students as per fee structure framed by the SNTD Women's University.
- Self-financing courses are funded through student fees, as per guidelines of the SNTD Women's University. SMES Management supports the deficit in budget in these unaided courses (BCA, B.Sc. in Nutrition and Dietetics, P.G Diplomas in Sports Science fitness and Nutrition, and Early Childhood Education, and M.Sc. in Clinical Nutrition and Dietetics).
- Sponsorship is raised from business houses and well-wishers for co-curricular and extracurricular events such as Akanksha and Tekzone intercollegiate fests.
- The SMES Management leaves no stone unturned to gather support from patrons and philanthropists so as to raise budgetary resources to fulfill the institution's mission. It draws from it corpus fund to manage deficits.
- CPE grant from UGC for Rs 1.5 crore.

Audited statement of accounts/ Income & expenditure available in Annexure No 28

6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

The Seva Mandal Education Society (our parent body) has secured additional funding from donors and philanthropists for the following

- Student free ships and scholarships (for details please refer to 5.1.3)



- Donation of ` 2.5 crores from Shri. Gordhandas Garodia for naming of Educational Complex as Smt. Parmeshwari Devi Gordhandas. Garodia Educational Complex.
- Donation of ` 1 Crore from Smt. KG Shah Charity Trust for naming the Smt KG Shah Vidya Bhavan
- Donation of `.51 lakhs from Shri. Rajubhai Vadilal Shah for naming of new annex building as Smt. Vasantben Vadilal Shah Vidya Bhavan
- Donation of ` 21 lakhs towards Enhancing infrastructure of Ravji Jivraj Changdaiwala college hall and donation of ` 51 lakhs towards enhancing infrastructure of Visanji Ravji Auditorium from Shri Rajvi Jivraj Welfare Trust
- ` 20.07 lakhs from Corporate Social Responsibility fund from SAS Institution (India) for enabling SMART classrooms
- Donation of `14,00,000/- received from Quest Foundation for 3rd floor as 'Jasvanti Jayantilal Varia' from Mrs. Bina Ajay Sheth & Mrs. Nisha Lalit Raheja
- Donation of ` 5 lakhs each from Kumar Rohen Hiten Gardi and KG Shah Trust for Gym and Fitness Centre
- Donation of ` 21 lakh received from Shri Kantilal Jadavji Kanji Shivji for naming the library

The institution has also generated funds as follows:

- The institution has also received donation in kind from organizations like Rotary Club of Bombay Uptown and Lions Club of Sion for LCD projectors, fridge, water coolers etc.
- Total grant of ` 7 lakhs from Jhilla Krida Adhikari, Mumbai towards gym equipment (` 2 lakhs in cash in 2006, and equipment worth ` 7 lakhs in 2015)
- Sponsorship of the annual 'Balmela' event by Lions club of Sion
- Sponsorship towards medical screening camps by Rotary Club of Bombay Uptown, Inner Wheel Club of Mumbai Downtown, and Lioness Club of Sion
- Sponsorship for student activities such as T-shirts for NSS students, and notebooks for needy students by Lions Club of Sion
- Sponsorship from business houses for intercollegiate festivals Tekzone and Akanksha
- Sponsorship of National Seminars by UGC and supplementary funding from sponsors as Marico Ltd.
- Sponsorship of professional and personal development for non-teaching staff by Shri Mayank Shah (industrialist)
- Funding received from minor and major research grants for purchase of library books and equipment.
- Financial support from Marico India Ltd for Nutrition week celebrations
- Institution of endowment lecture by Dr.Bharatbhai Pathak for the 'Smt. Dakshaben memorial lecture series'
- Personality queen trophy from Principal Dr. Shilpa P. Charankar and endowment towards 'Shri Madhav Bakshi Memorial lecture series on value based education' in the name of her late father
- Individual sponsorship by Principal/ Teachers of fees for needy students
- Individual sponsorship by aluminae of fees for needy students



- Amount received from Government of Maharashtra for Jagar Janivancha Abhiyan

6.5 Internal Quality Assurance System (IQAS)

6.5.1 Has the institution established an Internal Quality Assurance Cell (IQAC)? If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?

The IQAC was established in the academic year 2003-2004 and it functions on the basis of the guidelines set forth by NAAC (Annexure No 29) The IQAC has been diligently involved in preparing a detailed self study review viz. the AQAR report, which has been submitted on time every year to NAAC. The AQAR is also uploaded on the college website.

IQAC monitors the functioning of academic and student support committees and collates departmental reports, performance appraisal reports, self-appraisal reports, college annual reports etc. which become the base for analysing and evaluating the overall performance of the institution. The IQAC has played a proactive role in initiating and monitoring activities that enhance the quality of education in the institution.

The IQAC has played an important role in the following areas:

Monitored	Strengthened	Revised	Implemented	Initiated
Feedback mechanisms from stakeholders Student satisfaction feedback Collaborative ventures with industry Interaction with stakeholders such as parents and alumna during PTA and alumna meetings	Support services such as counselling, placement, mentoring, freeships Student representation on committees e.g. Library committee, IQAC and environment sensitization committee	Staff engagement feedback mechanism and evaluated feedback received from staff in terms of work culture, interpersonal relations, performance appraisal mechanism etc. Value added programs such as soft skills program so as to focus on employability skills	Series of workshops specially formulated for non-teaching staff	Faculty development committee to focus on training programs for faculty Workshop for non-teaching staff on personal and professional up gradation

b. How many decisions of the IQAC have been approved by the management / authorities for implementation and how many of them were actually implemented?

Sr. No.	Decision approved by the Management	Implementation
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1	Funding for seminars Faculty Development programs	College has organised 15 lecture sessions under this program for staff members (2011-2016)
2	Upgrading of Security systems and surveillance	Services have been upgraded and CCTV cameras have been installed in additional classrooms (2013-2016)
3	Setting up of a hospitality management lab/upgrading of computer labs/upgrading of textile lab	Textile lab equipment was upgraded in 2014-2015 A Restaurant set up was implemented in November 2015
4	Introduction of new courses	Short term certificates courses have been introduced in 'Community Based Participatory Action Research (2014), Entrepreneurial Skills Development, (2015), Catering Management (2016), Landscape Designing(2016)
5	Upgrading technology with SMART classrooms	Implemented through MOU signed with SAS Institute India Pvt Ltd (2015-2016)
6	Submitting proposal for NAAC Sponsored seminar on Teaching-Learning and Evaluation	NAAC Sponsored seminar was conducted on 11 th and 12 th December 2015
7	Proposal to apply for UGC scheme of College with Potential for Excellence	Proposal was submitted and college received status of CPE in May 2016
8	Formation of committee of non-teaching staff	Committee was formed in Feb. 2016 comprising 9 non-teaching staff members with the objective of discussing issues related to class III & Class IV employee..
9	Conduct of library audit	Library Audit was conducted on 25 th August, 2016
10	Conducting Green audit	Green Audit was conducted by STEP Techno Solutions on 1 st February 2016

c. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.

The institution has external members who are experts in their own field:

- Prof. Harsha K. Parekh is the former Univ. Librarian and Head, SHPT School of Library Science SNDTWU, and currently Director of Bombay Community Public Trust (BCPT). She has offered invaluable advice on how to enhance social and community outreach programs, and also upgrade library services.
- Dr. Vaijayanti Ranade is former Vice Principal of G.N. Khalsa College of Arts and Commerce. She has guided the college on how to prepare the proposal for CPE and NAAC RAR Report
- Dr. Ravikala Kamath is former director of Dept. of PG Studies of Home Science and former Director, BCUD, SNDTWU. She has assisted in devising feedback mechanisms, organizing a workshop on question bank, and preparing professional presentations & how to apply for minor & major research grants



- Mr. Ullhas Nimkar is Chairman and Managing Director of NimkarTek Technical Services Pvt. Ltd. He has given invaluable inputs on how to enhance industry interaction
- We have also incorporated anew member Dr. Madhav Welling who is former Pro-Vice Chancellor of Narsee Monjee Institute of Management studies (NMIMS)

d. How do students and alumni contribute to the effective functioning of the IQAC?

- There are two elected student representatives on the IQAC.
- They are an important link between administrative staff, teachers and students.
- The IQAC also has alumnae members who suggest quality parameters needed to improve institutional performance.

e. How does the IQAC communicate and engage staff from different constituents of the institution?

- Two non-teaching representatives on the IQAC.
- The IQAC shares its decisions and plan of action with teaching staff during the Quality Improvement Circle Meetings held on the first Tuesday of every month.
- The IQAC has involved all the staff members in the preparing of the RAR.

6.5.2 Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If 'yes', give details on its operationalization.

- IQAC monitors and enhance the academic and administrative functioning of the institution. In order to do so, desired operative procedures are shared during meetings with the faculty and non-teaching staff.
- IQAC introduced the concept of the annual inter-department academic audit.
- It has conducted a green audit and library audit to monitor operational processes.
- All committees have contributed towards a standard operating procedure (SOP) manual.
- Guidelines for examination related activities have been formulated by the exam committee under the guidance of IQAC members.
- Documentation of academic and administrative activities is maintained in the form of minutes of meetings, filing of reports, annual college magazine, highlights on the website, AQAR report, audit reports, administrative and accounting ledgers etc. Soft copies are maintained in a digital repository in the computer lab.
- Activities are reviewed by the IQAC and timely reporting and transparency ensures monitoring and implementation of qualitative ventures undertaken in the College. All activities are reported via Principal to the Management. The authorities appreciate success, suggest corrective measures and provide encouragement to individuals involved in the quality enhancement processes.



6.5.3 Does the institution provide training to its staff for effective implementation of the Quality assurance procedures? If 'yes', give details enumerating its impact.

Staff had the following opportunities for training in effective implementation of quality assurance procedures:

- At least 2 faculty members and one non-teaching staff are deputed every year to attend sessions conducted by National Centre for Quality Management on quality enhancement techniques.
- There is peer group sharing on strategies for quality enhancement projects to be presented at Best Education quality enhancement technique annual competition (BEQET)
- Sessions on topics such as 'Class room management', 'process of Green Audit' etc. have been organized (Please refer to 6.3.1)
- Workshops have been conducted by the IQAC in April 2015 and April 2016 on API and CAS as quality indicators.

6.5.4 Does the institution undertake Academic Audit or other external review of the academic provisions? If 'yes', how are the outcomes used to improve the institutional activities?

- The institution conducts an annual intra -department academic audit. Each department prepares an in-depth departmental report. Departments then peer review these reports. It is also checked by the IQAC coordinator and by the Principal. Presentations by the department are organized and feedback for improvement is given. The next year, action taken and compliance is checked and reviewed.
- Annual report of the IQAC is presented to external experts for review. Management members are also invited for the annual review meeting wherein feedback is given.
- The academic and administrative processes have also been reviewed by the committee appointed from SNDT Women's University to assess the Best College proposal. The college was among the top three colleges shortlisted for the award in 2014-2015.
- The college has also submitted an academic audit report and proposal for RUSA through the SNDT Women's University in 2015, and is awaiting a response from the University.
- Library audit was conducted on August 25th 2016 by the Head librarians of SVT College of Home Science and Vaze Kelkar College.
- A Green Audit was conducted by STEP Techno Solutions on 1st of February 2016

6.5.5 How are the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?

The departmental reports are prepared keeping in mind the criteria used by NAAC for assessment. Additionally quality projects are undertaken and presented in BEQET competition, thus getting a feedback on quality measures.

The following external quality agencies have been involved to ensure quality enhancement:



- Statutory audit by internal auditor
- Audit conducted by Joint Director's office
- Inspections conducted by the SNDT Women's University such as visits of the LIC (Local Inquiry Committee)
- Submission of proposals for CPE, Best college etc. which have been scrutinized by the SNDTWU and points allotted
- A Green Audit was conducted by STEP Techno Solutions on 1st of February 2016
- Library audit conducted by Dr. Sachin Vaidya and Mr. Paritosh Pawar on 25th August 2016
- Annual Quality Assessment Report is submitted as per the guidelines of NAAC

6.5.6 What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

The following mechanisms are in place to review the teaching learning process

- Student teacher evaluation is conducted every semester on the following parameters—syllabus, subject knowledge, communication skills, use of innovative methods etc.
- Academic calendar is planned before the commencement of the academic year to ensure that there are 180 teaching days in a year
- Examination committee ensures that the exam schedule is displayed well in advance so that teachers can plan their schedule accordingly
- Matters related to curriculum, evaluation etc. are discussed in the Internal Quality circle meeting first Tuesday of every month (B.Sc.) and first Thursday of every month (BCA)

6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

- The institution prepares an in-depth prospectus and information brochure which is given to students at the time of admission.
- Institution policies, and values are communicated at orientation programs organized for newly enrolled students
- The institution presents a detailed account of all activities in the annual college magazine 'Akanksha', which reflects the policies and outcomes of various programs in the institution. The magazine is given to all students and faculty of the college. We also give Akanksha to all guests and visitors to the college ensuring that college activities and programs are shared with all its stakeholders.
- Minutes of the IQAC meetings are displayed on the staff notice board to communicate mechanisms and outcomes
- The college website carries information on the IQAC and the annual AQAR
- Formation of online groups on social media help to enhance interconnectivity



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RAR- 3rd Cycle 2016 - 17*

**CRITERION VII:
INNOVATIONS AND
BEST PRACTICES**



CRITERION VII

INNOVATIONS AND BEST PRACTICES

7.1 Environment Consciousness

7.1.1 Does the Institute conduct a Green Audit of its campus and facilities?

A Green Audit was conducted by STEP Techno Solutions on 1st of February 2016. The Environment Sensitization Committee has formulated an action plan in phases in order to implement the suggestions given in the report. A 'green brigade' of active student members has also been formed to create awareness among their peers and to undertake environment related projects.

7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?

The following initiatives have been taken to promote a clean and green environment:

Energy conservation :

- There is signage in classrooms, computer labs and the library to switch off fans and lights when not in use. Student volunteers have put up indicators to mark switches with corresponding fans/ lights to reduce electricity consumption.
- Classrooms are spacious and well ventilated with large windows which allow the flow of natural light and air, thus reducing consumption of electricity for lights and fans.
- An inventory has been taken of equipment with the 'energy star' mark. Following the feedback given in the Green Audit, it has been proposed to the management that any equipment purchased henceforth should have a star mark to promote energy conservation.
- Screen savers in the computer labs have environment related messages. Computers in the lap are set so as to reduce screen display timings.
- The college is gradually replacing tube lights with LED lights in phased manner.
- Institute is in the process of converting existing gas lines into PNG pipelines for labs and canteen
- The biennial college exhibition in December 2015 focused on the theme 'Environment for a better tomorrow'. Students prepared charts on reducing energy consumption and audio-visuals were screened to visitors on environmental issues.

Water Harvesting:

- The campus does not have the space to introduce a water harvesting scheme. However, serious note is taken of water wastage and regular campaigns are conducted on the need to conserve water. Signage and notices are placed in washroom requesting students and staff not to waste water. Water and electricity conservation, and cleanliness are included in pledge taken by the institute. The pledge is displayed on ground and ninth floor, and printed in the college magazine and diary.



- Green Brigade volunteers monitor washrooms on all floors to report leaking taps and faulty water filters.

Check dam construction:

Not applicable as college is located in a metropolitan city

Efforts for Carbon neutrality -

- Lecture sessions are organized to make students aware of the concept of carbon footprints and the need to reduce the same. For instance, an orientation on the concept of solid waste management and carbon Foot printing by Ms. Shriya Bhatia (Environmental Planner at Mumbai Metropolitan Region Development Authority) was held on 6th Dec. 2014, and a workshop on sustainable development and carbon foot printing by Ms. Adhiti Muralidar (Scientific officer Homi Bhabha Science Centre) was held on 27th Sept. 2016.
- College ensures that new equipment which is purchased is CFC free (A/Cs and refrigerators, computers) by checking the standard mark.
- College restricts the use of mobile phones in classroom and laboratories.
- There is an institutional effort to make optimal use of paper thereby reducing carbon foot prints. As a response to the Green Audit, student teacher feedback was digitized from 2016 onwards to avoid paper consumption. Recycling of one sided papers is another important practice followed by staff and students. Notices, minutes and invitations are majorly sent through email & put on social networking sites.

Plantation:

- Although our college is located in the metropolitan city of Mumbai, it has a green ambience. NSS volunteers had participated in planting trees on the lanes outside the college, which are now fully grown The greenery on campus is enhanced by adding plants in the limited space available and also by maintaining potted plants. The NSS unit maintains a small garden (Katta) and regularly participates in Van Mahotsav programs of the Government and University.
- The college has started a certificate course in professional landscaping and will soon be implementing concepts of landscaping within the campus.
- For all functions, guests are felicitated with either a bamboo plant or a Tulsi plant in order to avoid use of floral bouquets. Paper gift bags are used instead of plastic bags.

E-waste management –

- The Srishtee E-waste project is undertaken by the Department of Computer Applications wherein students are educated on how e - components can be recycled and reused. Students have participated in collection drives in collaboration with Evergreen Recycle karo (I) Pvt. Ltd. The college received the 2nd prize at the Best Education Quality Enhancement Team competition, at the National Centre for Quality Management NCQM, for this project in January 2016.



Year	Date	Quantity collected	Sold @ the rate of (₹)	Company whom we sold	Total amount collected in kgs. (₹)
2014-15	14-01-2015	155 kg	15 per kg	Recyclekaro.com	2325
2015-16	09-01-2016	291 kg	15 per kg	Recyclekaro.com	4365
2016-17	30-08-2016	192.8 kg	20 per kg	E-waste recycling India	3860

General Waste Management

Efforts are made to monitor generation and disposal of waste according to the principles of 'reuse, recycle and reduce':

- Bins for segregation of recyclable and non-recyclable waste have been placed in the labs
- Workshops on waste management have been conducted to initiate the composting of wet waste in the food science labs.
- Cartons have been placed in the staff room, common room and select classrooms for the purpose of recycling of one sided paper.
- Students conduct a health and hygiene campaign by placing slogans and posters in washrooms. Newspaper sheets are made available for hygienic disposal of sanitary napkins.
- BCA department has taken the initiative of collecting flags which have been thrown on the ground on the public on 26th January & 15th August, as a mark of respect to our nation.

Additional initiatives:

- Visits are arranged to the "Maharashtra Nature Park, BPT Garden and eco-friendly hotel 'Orchid- Ecotel'. Students have visited 'Enviro- Vigil' at Thane to understand waste management techniques in biomedical waste and Kala Ghoda festival to view the installations on recycling of waste.
- Guest lectures have been organized on themes such as 'Green Technology', 'Waste management' and 'Bio diversity'.
- Students have participated in a project on mapping of biodiversity conducted by Ladybird Environmental Consulting. The project received 3rd prize at an intercollegiate undergraduate research competition in March 2016.
- The institute organized its biennial exhibition called 'Kaleidoscope' on the theme "Environment for a better tomorrow" on 11th and 12th December 2015. The theme of the intercollegiate technical festival of the BCA department 'Tekzone was 'green ITians Carnival' on 13th and 14th January 2015. Competitions included a fashion show to create awareness of environment related issues, and a documentary with the tag line 'share your green thoughts'. Inter-collegiate festival 'Akanksha' was based on theme 'Green Paradise' in August 2016. Competitions such as 'best out of waste', 'green post', essay competition and poetry recitation on subjects related to the environment were conducted as part of the festival.
- Under "Swachh Bharat Abhiyan", Gandhian Studies Centre and the NSS unit of college conduct campus cleanliness drives

7.2 Innovations



7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.

- It is now mandatory that all admission processes for programs offered by SNDTWU are online. However several of our students are from lower income groups and are not computer competent. They therefore face confusion over the process. On feedback given by the admission committee, student volunteer teams have been formed to assist with the online process of admission from 2013 onwards. The College provides 2 computer terminals on the ground floor, as well as access to terminals in the computer labs. Faculty members follow up with the administrative section to ensure that the procedure has been completed properly.
- The process of an inter-departmental audit was introduced in 2013-2014 as a mechanism to review annual evaluative reports of the departments, and enhance the departments' performance. The audit follows a four step process. First a self-audit by the department, then an review by another department, followed by review by IQAC coordinator, and finally by the Principal. Feedback is shared and departments formulate their action plan so as to enhance their teaching learning strategies, student support services and overall functioning.
- The IQAC nominates departments/committees at the beginning of the academic year to work on an entry for the best Education Quality enhancing team (BEQET) award organized by National Centre for Quality management (NCQM) in the subsequent year. This ensures that quality enhancement projects are undertaken in a structured manner. The college has been participating on an annual basis resulting in quality based initiatives as well as research based publications.
- The college offers a soft skills value added course which has been upgraded and enhanced according to requirements of the market place in 2013. One of the main suggestions given through the employer's feedback was that students need added inputs on communication and presentation skills. The soft skills course is therefore now divided into two components. In semester V, the focus is on presentation skills, while in semester VI the focus is mock personal interviews, participating in group discussions and preparing effective resumes and Statement of Purpose. Alumnae have acknowledged that this course has helped to enhance their employability skills. A 'Life skills course based on Gandhian values' has been introduced at SY level in 2014 to ensure that the students are equipped with the necessary skills for a holistic personality.
- A committee of nine non-teaching staff members was formed on 20th Feb. 2016 to discuss issues related to class III & Class IV employees, on regular basis. Several proactive measures have been taken on administrative issues, duties allotted to staff, cleanliness of the college. Under suggestion of the committee, sessions on interpersonal communication skills by Ms. Mayura Puntebkar has been introduced from July 2016.
- An active 'Students Placement and Industrial' committee provides opportunities to students to learn professionalism, communication skills and persuasiveness. BCA students are involved in the arrangement and coordination of campus interviews. Aptitude training for students of BCA



has been introduced through a MOU signed with SEED Infotech.in 2015. The process helps to improve students logical reasoning, quantitative math as well as stress and time management skills.

- Special strategies are used to help students from non-English medium background improve their reading skills, as poor reading skills which can be a serious impediment to the learning process not only in English but other subjects as well. The English department in collaboration with the library has started a book club to motivate students to read at least three books in a semester write reviews and make a brief presentation. The fiction collection in the library has been enhanced so as to cater to the needs of different reading levels. Students are introduced to the concept of e-book since there are several books (again according to reading levels) which can be accessed on SMART phones.
- ‘Balmela’ is an annual theme based funfair for children, between two to eight years of age from different strata of society. It is conducted by Dept. of Human Development with the objective of training students in management and organizational skills. Around 1500-2000 children from private and government schools, non-government organizations and differently abled children visit the Balmela. Students learn to plan, implement, exercise and evaluate activities, thus putting their theoretical knowledge into practical experience. In 2015, the event was sponsored by the Lion’ Club of Sion.
- Annual seminar on pre-marital counseling has been conducted by the Human Development Dept. for the last six years for all students on campus. Students learn to identify important aspects of relationships and how to take a mature decision in choosing life partners. Eminent doctors and experts from the faculty of counseling, and reproductive health, are invited to address the students. The target audience is students in the age group of 18-20 years of age. The event was sponsored twice by the Rotary Club of Bombay Uptown.
- Under the subject of food product development in the VI Semester (FSN specialization), TY BSc students are taught how to develop and standardize an innovative, nutritious food product. Students are also taught nutritional labeling, packaging, budgeting, shelf life studies and marketing. This helps towards the creation of a research culture as well as enhancing entrepreneurial skills among undergraduate students.

7.3 Best Practices

7.3.1

1. Title of the Practice: Enhancing employability quotient of students through academic-industry linkages

Goal:

Our institutional mission is the empowerment of our women students. Economic independence through employment is an integral step towards financial and emotional empowerment. The aim of our college is to develop employability skills of our students by networking with the Industry at various levels. We have therefore worked upon establishing linkages with the intention of enhancing critical and innovative thinking of our students, subject related technical skills



and the requisite soft skills required for the global market place. This practice is sustained by coordinating and interacting with industry experts in order to assist students to get a better understanding of a professional work environment, work ethics and corporate etiquette. Students are exposed to latest trends through discussions with industry experts and also hands on experience through internship, field and industrial visits. They therefore gain specialization- related knowledge that goes beyond conventional classroom teaching.

The Context:

Our first challenge in implementing the practice was to establish a rapport and build up the trust of relevant Industries/potential employers despite the fact that we are exclusively women's institution, primarily offering undergraduate courses. The B.Sc. program has an internship component in the 6th semester, and one faculty member of each department was delegated as a liaison to establish a rapport with places of internship. In this manner we have been successful in developing positive interactions with companies such as Marico, Britannia Foods, Enviro Care Pvt. Ltd, Four Points Sheraton, Shoppers Stop, Thomas Cook and Grasim Industries. The BCA placement cell was also assigned the task of reaching out to companies like Wipro, Tech-Mahindra, Capgemini, Infosys, and Cognizant for campus placements. Another challenging issue is that a large number of our students come from conservative socio-cultural backgrounds with very little exposure to the expectations of the global workplace. We therefore have had to develop institutional mechanisms wherein we can effectively motivate and mentor women students for the world beyond the college, in terms of employability. This included strengthening the soft skills value added course in the 5th and 6th Semester which has been made compulsory for all students.

The Practice

Our practice and its implementation had a three pronged approach. First we have involved experts from the industry in adding value to the curriculum taught. Secondly we invite experts on an ongoing basis to interact with the institution and students at various levels. We also involve experts from the industry in assessment practices, thereby inviting their feedback on students' performance. Thirdly, we have initiated and sustained a number of collaborative ventures with the industry.

The following practices have been established, and sustained:

From 2011 onwards, each department was asked to plan their academic calendar so as to invite subject experts from the industry for guest lectures as this would give them an added perspective of the requirements of the industry. For example BCA department has initiated a move to invite experts from industry to conduct 5% of their syllabus.

From 2013 onwards, it was decided that each department would invite at least 2 experts from the industry as members of the panel/ jury constituted for evaluating internship reports in the 6th Semester. They offer invaluable feedback to students on the expectations of the market place.



From 2014, it was decided that each major would invite experts from industry to speak on career possibilities in the respective specialization as part of the B.Sc. orientation for major selection at the end of the second semester, and various job opportunities available after BCA course.

Members of the industry have also been invited as external experts of the LMC committees. For example Mr. Milind Rane, Deputy General Manager HR at Hardcastle Petrofer Pvt.Ltd, is a member of the LMC of BCA and Dr. Prabodh Halde, Head (International Regulatory Affairs) Marico Industries is the subject expert for the LMC of M.Sc. CND. Two alumnae (Ms. Trupti Kini, Research Analyst, IIT-Powai and Ms. Kanchan Gupta, Senior Software Developer, Morgan Stanley) are part of the LMC for BCA.

Eminent members of industry have been invited as Chief guest for events such as the inauguration function of the intercollegiate technical festival Tekzone, and National level seminars for e.g. Ms. Sunita Bhaskaran (Head – Oracle Practice, ATOS India), Mr. Sankar Ghosh (MD at Solution Architecture, Accenture), Mr. Nanasaheb Shendkar (Environmentalism and Chairman at Aartist group of companies)

From 2014, at least one expert per specialization from industry is invited to be part of mock interviews which are conducted at TY Level, as part of the soft skills course.

In 2015, we signed a MoU for Aptitude Training in collaboration with SEED Infotech in order to improve students' logical reasoning, quantitative math, Stress and time management. In 2015, we also signed a MOU with Carepox Ltd for starting a certificate course in Entrepreneurial skills for 25 SY and TY RM students.

The M.Sc. CND department was given the responsibility of exploring linkages with the food industry and has successfully established linkages with companies such as with Marico, PepsiCo, Chini Kum, Pawaak and Easy to eat Foods which has led to collaborative projects.

Evidence of Success

As a result of our concerted efforts, the number of companies with which we now have associations have increased, and likewise the number of campus placements for courses like BCA has also increased by ---- percent. Importantly, we have been able to sign 6 MOUs for collaborative projects involving our M.Sc. students with companies like Marico and PepsiCo. The industry has taken interest in starting an 'Incubation project' for mentoring students who have innovative ideas for research projects and start up. We have been able to sign an MOU with Carepox Ltd. for an entrepreneurial skill development course, as well as with SEED Infotech for aptitude and soft skill training. SAS India Ltd has shown interest in our institution and has awarded our parent body a CSR for 30 lakhs to enhance our ICT infrastructure. Important intangible results is a marked improvement in the communication skills and confidence levels of our students.

Problems Encountered and Resources Required:



We have had to face initial challenge of low motivation levels and lack of professional attitude amongst students who are sent to the industry, as they do not have the required socio-cultural impetus. We also had to work on improving English language skills which is a requirement of today's global sector. Often the rigid schedules of the Industry made it difficult for professionals from the Industry to give a commitment in terms of their time and effort



Enhancing employability quotient of students through academic – industry linkages

Goal- our mission statement is 'empowerment of our woman students. Specifically as we are a woman's institution we believe that economic independence through employment is an integral step towards financial and emotional empowerment.



Since a large number of students who come to the institution are from conservative background and even first generation learners, many do not go in for employment even in the present day context.

The college believes in equipping the student holistically so as to have the confidence to support herself, and having this confidence in itself is goal achieved.



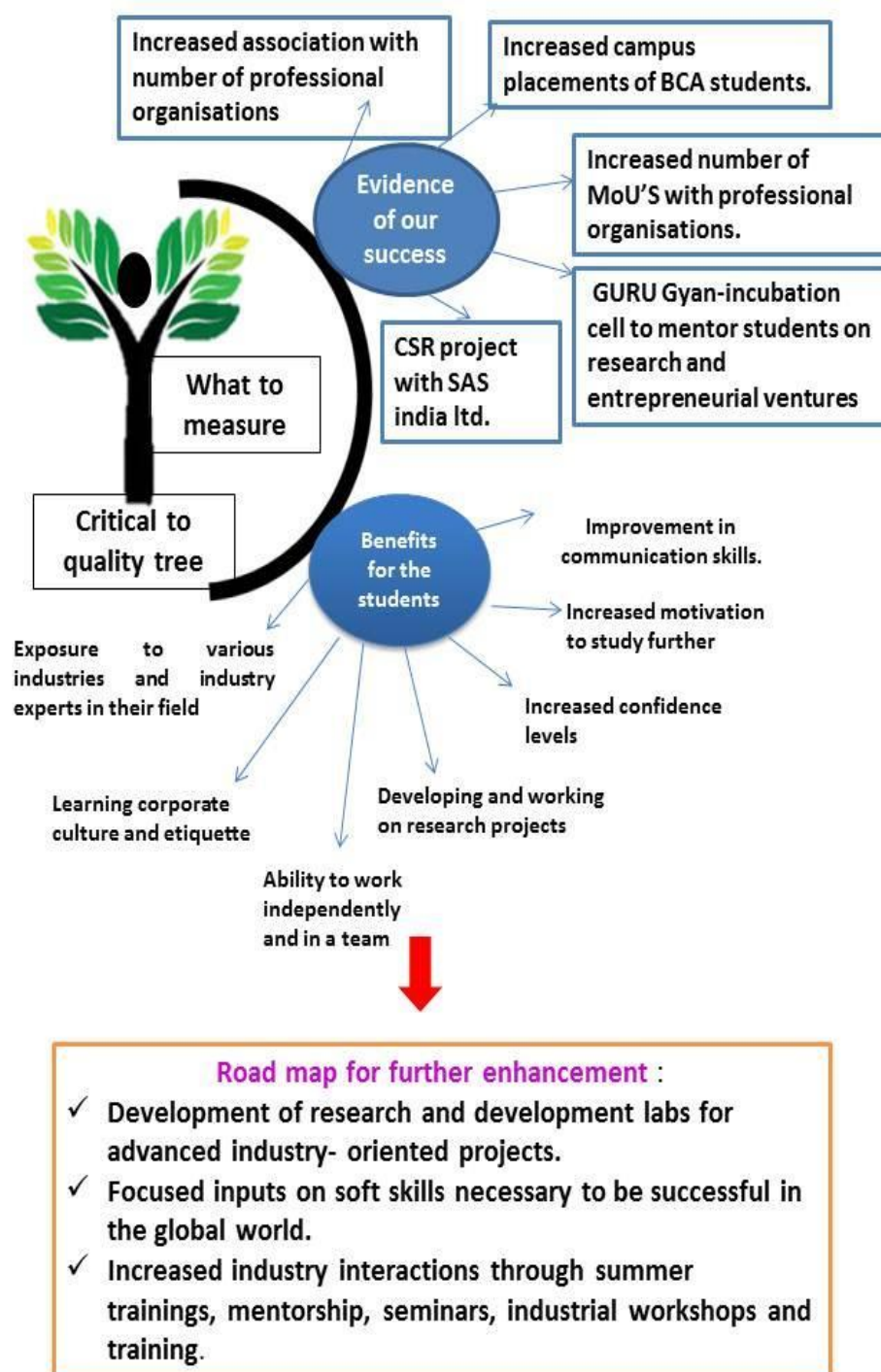


Figure No. 2



2. Title of the Practice: Inculcating a sense of social responsibility in students

Goal : Describe the aim of the practice followed by the institution. Mention the underlying principles or concepts in about 100 words.

The Home Science program has ample possibilities for social outreach programs. Keeping this window of opportunity in mind, our institution decided to focus on inculcating the values of social responsibility in our students through a systemically designed plan of action. Our main objective is not only to create social consciousness among students, but also to guide them on how to take a more proactive role in society, and thereby transfer their learning from the classroom to the community. It was decided that we would implement our objectives through specially designed curriculum based activities, as well as specific extension activities that go beyond the curriculum. We took up the thrust area of gender based issues and issues related to underprivileged women and children.

The Context:

In 2012, the IQAC reviewed the extension activities undertaken by the institution at various levels. While there were ongoing activities conducted at different levels, the committee decided to systematize the processes so as to make extension activities more goal-oriented. A decision was taken to apply to the UGC for a grant to start a Gandhian Centre in the college. We received a UGC grant in 2013 and this gave us an institutional mechanism wherein we could plan activities to impart good citizenship through value education programs. Our Principal also instituted a 'value education endowment lecture series' in the name of her late father. A major impetus to our initiative was the 'Jagar Janivancha Abhiyan' program to promote gender sensitization which the government of Maharashtra introduced in 2012. A college level committee was formed to implement gender sensitization events for all students on campus. At the same time, each specialization was asked to focus on at least one activity in order to engage students in activism. The main challenge was to ensure participation of as many students as possible and to also sustain community-neighborhood-networking. The total beneficiaries per year on an average were 300 students.

The Practice

In order to implement the institutional goal of creating socially responsible citizens who will consciously contribute to the society, the college took the following steps:

Activities related to gender sensitization were allotted to a committee specially constituted for the same, named as Jagar Janivancha Abhiyan. The committee worked with the Adipaath Foundation to conduct sessions on personality development, legal rights of women, self-defense workshops and workshops against domestic abuse. A calendar of events was planned and implemented in advance with the target audience of all students on campus.



The Seminar workshop committee was asked to take up the responsibility of conducting the value education lecture series. It was decided that there would be at least one lecture each semester for FY and SY students.

The Gandhian Studies Center took up the theme of promotion of pluralism on campus and stressed upon the need to respect diversity and practices of social inclusion through a range of activities.

It was decided that the focus on health aspects would be undertaken by the NSS unit.

Each department was asked to focus an area related to their specialization. For instance, the Department of Food Science and Nutrition built up a rapport with the Chota Sion Hospital wherein students conduct nutrition awareness programs for mothers of young children, and the students of Textile Science and Apparel Design have conducted training programs in embroidery for underprivileged girls at the Ashadeep Association. 90 students under the mentorship of 10 teachers worked on a project to bridge the gap between generations as conceptualized by the NGO THRED (Trust for Human Resource Enrichment & Development). Students of the Human Development have been organizing an integrated Program of the Prangan Experimental Nursery school and socially disadvantaged children of Shraddhanand Mahila Ashram. Another successful venture is the annual 'Balmela' in February. This is a unique theme based fair for fostering creativity in children. Apart from schools in the area, welfare organizations are also invited to send children to participate in the event. In this manner, students are directed towards transferring skills they have imbibed from the college to the community. In time, they develop a sense of bonding with the community. They improve upon their communication skills, time management skills, problem solving skills, team work and leadership qualities, organization skills and analytical skills. The focus on community oriented activities has contributed towards the holistic development of students.

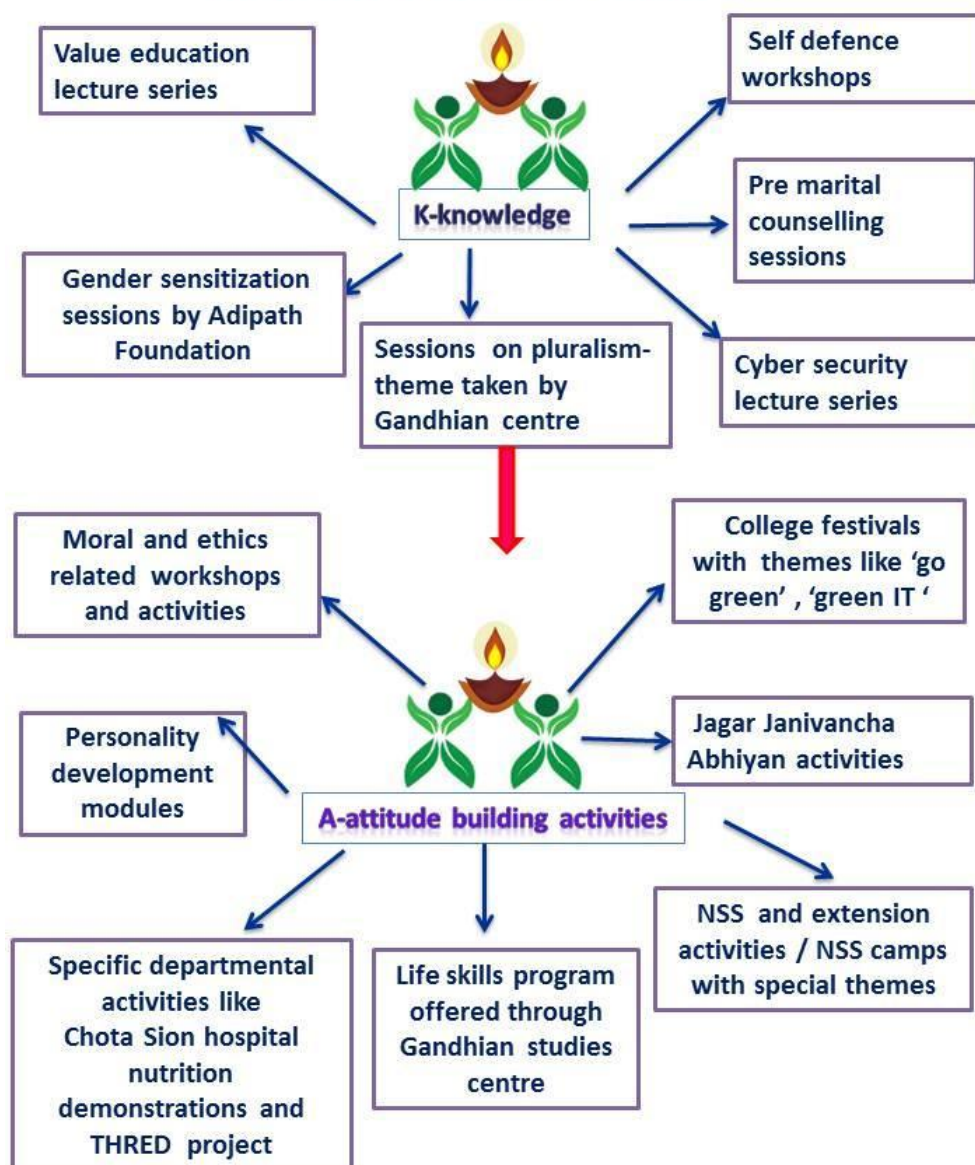
Evidence of Success

The success of our performance can be gauged from the number of community linkages which we have established and sustained. We have had ongoing activities for the last four years with Chota Sion Hospital, Stree Mukti Sanghatana, Ashadeep Association and Shraddhanand Mahila Ashram among others. We have received recognition for the extent of our gender outreach programs at State and District levels. The college received the 2nd prize at District Level and 1st prize at University Level for the academic year 2012-2013. and 2nd Prize at State Level, 1st prize at District Level and 1st Prize at University Level for 2013-2014 from the Government of Maharashtra. We consider it a mark of the success of our best practice that we are continuing with the program despite the government discontinuing the scheme. Another marker is the MOUs signed with Stree Mukti Sanghatana and the sustained relationship with social service organizations such as Lions club and , Rotary Clubs who have expressed a keen interest in engaging our students in their activities.

Problems Encountered and Resources Required

The main challenge that we faced was to draw up a structured plan wherein all students on campus could be beneficiaries of this project in some way or the other. It was also a challenge to motivate faculty members to spare time for organizing such activities in addition to their existing workload. As we follow a hectic semester system, we had to find out as to how to cope with the time constraints and also to work out a chain of continuity. Students also had to be motivated to volunteer given the pressure of the curriculum. We worked towards getting financial support for the various activities and managed to do so mainly through human resources which we got from collaborating agencies.

Inculcating Social Responsibility



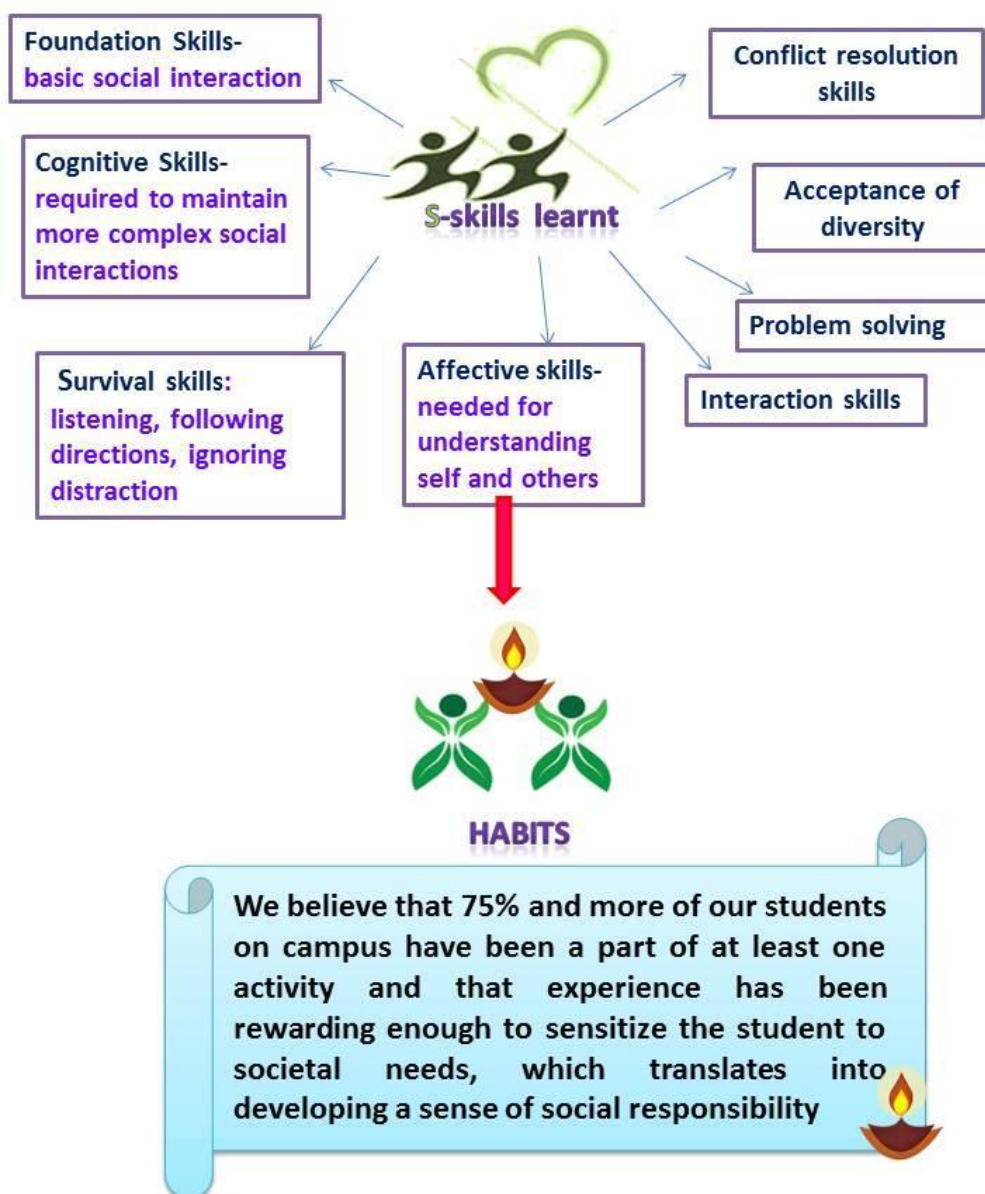


Figure No. 3

**EVALUATIVE
REPORTS OF
THE
DEPARTMENTS**



Department of Resource Management with Hospitality Management

1. Name of the department: Resource Management with Hospitality Management
2. Year of Establishment: 1984
3. Names of Programmes: B.Sc. in Resource Management with Hospitality Management
4. Names of Interdisciplinary courses and the departments / units involved

Home Science is an interdisciplinary program. The department offers core subjects in the 1st, 2nd and 3rd semester of the program which are taught by faculty of other subjects. These include subjects of English, Environmental Studies, Applied Science, Human Development, Textile Science and Apparel Design and Food Science and Nutrition.

At second and third year, value added courses in Personality Development, Life Skills and Soft Skills are conducted by faculty from English, and 100 hours of computer training by faculty from the BCA Department.

5. Annual /semester/choice based credit system : Semester
6. Participation of the department in the courses offered by other departments:

Sr. No.	Name of the faculty	Nature of participation
1	Dr. Vrushali Datar	Sessions on Madhubani painting for student Department of Textile Science and Apparel Design
2	Ms. Roma Gandhi	Sessions on Skin fold Measurements for students of Department of Nutrition & Dietetics, as well as COP in Physical Fitness and Weight Management

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

Title of Project	Coordinator	Details of Project including time frame	Name of Collaborating Agency	Grant Amount
'KSHRujan'	Ms. Roma Gandhi	Short term certificate course in Entrepreneurial Skills Development	'Carepox Corporate Services Ltd, a subsidy of Neoteric Informatique Ltd.	Faculty and course material is subsidized by collaborating agency

8. Details of courses / programmes discontinued (if any) with reasons: Nil

9. Number of teaching posts:

Teaching Posts	Sanctioned	Filled
Asst. Professors	3	3



10. Faculty profile with name, qualification, designation, specialization, (D.Sc. / D. Litt./ Ph. D. / M. Phil. etc.):

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of MSc. Students guided
Dr. Vrushali Datar	B. Sc., M. Sc. Ph. D.	Head, Asst. Prof.	Resource Management	16	-
Ms. Roma Gandhi	B. Sc., M. Sc. Registered for Ph.D	Asst. Prof.	Resource Management	10	-
Mr. Amrik Singh	GD Arch, DCE, GD, PGREM	Asst. Prof.	Architecture and Management	18	-

11. List of senior visiting faculty: NIL
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: NIL
13. Student-Teacher Ratio (programme wise): TY Students: 6:1 /SY Students: 8:1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Support Staff (1)
15. Qualifications of teaching faculty with D. Sc /D. Litt. /Ph. D /M. Phil/PG.: (Please refer to Q. 10)

Sr. No.	Teaching Faculty	Qualifications
1.	Dr. Vrushali Datar	Ph.D.
2.	Ms. Roma Gandhi	M. Sc., Pursuing Ph.D.
3.	Mr. Amrik Singh	GD Arch, DCE, GD, PGREM

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NIL
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received : NIL
18. Research Centre/ facility recognized by the University: NIL
19. Publications by Faculty :
Papers Published in Peer Reviewed Journals: Dr. Vrushali Datar : 5 Ms. Roma Gandhi:1
Chapter in Books : Dr. Vrushali Datar: 1
- For details please refer to Annexure No. 13



20. Areas of consultancy and income generated:
Ms. Roma Gandhi: Consultant for SASMIRA Institute of Textiles and Management and Khadi and Village Industries Commission (KVIC) for a project titled, “Ergonomic Evaluation of Ten - Spindle Charkha” developed by Udyog Bharati, Gondal Surat District for Rs. 90, 000/- (2016 -2017)
21. Faculty as members in:
a) National committees b) International Committees c) Editorial Boards
NIL
22. Student projects
a) Percentage of students who have done in-house projects including inter departmental / programme: 100%
b) Percentage of students placed for projects in organizations outside the institution : 100% of TY Students complete six weeks of Internship in Hotels and Organizations related to the Hospitality Industry.
23. Awards / Recognitions received by faculty and students:

Year	Name of the student	Name of the Award
2012-2013	Ms. Preeti Iyer	Late Mrs. Indirabai P. Dikshit Prize and Smt. Vilasvati Nagindas Munim Prize for scoring highest marks in Resource Management Department. SNTD Women’s University Merit List
2013-2014	Ms. Shikha Hasilkar	Late Mrs. Indirabai P. Dikshit Prize and Smt. Vilasvati Nagindas Munim Prize for scoring highest marks in Resource Management Department SNTD Women’s University Merit List
2014-2015	Ms. Kavya Handa	Late Mrs. Indirabai P. Dikshit Prize and Smt. Vilasvati Nagindas Munim Prize for scoring highest marks in Resource Management Department. SNTD Women’s University Merit List
2014-2015	Ms. Ruchi Dhuri	5 th Rank in SNTD Women’s University Merit List

24. List of eminent academicians and scientists / visitors to the department:

Name of the Speaker	Designation
Mr. Prem Vishwanathan	Lecturer at Welingkars Institute of Management and HR Head at Narang Group .
Prof. Dr. Archana Bhatnagar	Head. University Dept. of Resource Management, SNTD WU
Mrs. Mayura Puntambekar	Personality Trainer and Groomer, Life Essentia,



Mrs. Navaz Karanjia	Coordinator, Diploma in Travel and Tourism Management, SVT College of Home Science .
Mrs. Trupti Laghate	Senior Lecturer, Rizvi College of Hotel Management,
Ms. Neha Gillon	PR and Communication Manager, Sonal Holland Wine Academy .

25. Seminars / Conferences / Workshops organized & the source of funding: a) National b) International

UGC sponsored National Level Seminar on “Sustainable Tourism: An Interdisciplinary Approach”, in collaboration with Maharashtra Tourism Development Corporation (9.01.2015 to 10.01.2015)

26. Student profile: Average for last four years

Name of Course / programme	Applications received	Selected	Enrolled		Pass %
			*M	*F	
B. Sc. Resource Management (Hospitality Management)	40	20-25	NA	20-25	85%

27. Diversity of Students: Average for last four years

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B. Sc. Resource Management (Hospitality Management)	100%	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? : Records not available

29. Student progression

Student progression	Against % enrolled
UG to PG	30%
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D.toPost-Doctoral	-
Employed	50%
Other than campus recruitment	
Entrepreneurship/Self-employment	2%

30. Details of infrastructural facilities:

- Central library with well stocked primary and secondary material, infilbnet and databases
- 2 Labs : 1 Hospitality lab with Restaurant setup & 1 House Keeping lab
- 2 classrooms on 4th floor with access to Wi-Fi ,1 Laptop and1 LCD
- Access to SMART Classrooms (1 basic and 4 advanced)



31. Number of students receiving financial assistance from college, university, government or other agencies:

Year	SMES	Government (SC/ST)	Government (Minority)	Total Amt. (₹)
	No. of Students	No. of Students	No. of Students	
2011-12	3	1	1	27,460
2012-13	1	-	-	3000
2013-14	6	-	-	15,400
2014-15	-	-	-	0
2015-16	3	-	-	7,900
Total Amount				53,760

32. Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts

- A workshop on arena of Hospitality Industry on 9.03.2013
- ICSSR sponsored Two-Day Seminar-cum-Workshop on “Hospitality Education and Industry Requirement: A Comparative Analysis on 24th-25th September 2013.
- S.Y and TY students attended a State Level Seminar on “Pilgrim Tourism: Issues and Challenges” at Hotel Management and Catering Technology, Nashik on 6th-7th February 2015.
- SY students under the subject Ergonomics attended a workshop on “Methodologies for Ergonomic Assessment” organized by University Dept. of Resource Management. SNDT Women’s University, Mumbai.
- Students attended a seminar on “Tourism For All-Promoting Universal Accessibility” of Vocational-Tourism and Travel Management at Maniben Nanavati Women’s College, Vile Parle y on 27th September, 2016.
- Every year a workshop on Travel and Tourism Management is organized Second Year B. Sc. students in order to give them knowledge about the functioning of the Travel industry with the application of the latest technology at Garware Institute of Career Education & Development, University of Mumbai
- The Department of Resource Management offers a unique skills development opportunity under the Government of India scheme ‘Hunar se Rozgar.’ Third year students are sent to hotels for 6/8 weeks in housekeeping and services/production departments. This is a project taken by hotels in collaboration with Government. Students get first hand exposure to work in the Hospitality Industry.

33. Teaching methods adopted to improve student learning

- Project work and surveys to promote collaborative learning and analytical skills
- Challenging projects topics such as evolution of Marketing and e-marketing to promote research based skills
- Preparing advertisements for product, designing of washrooms and workplaces to promote creative learning
- Industrial training and visits
- Group discussions and role plays to enhance communication skills



- Guiding students to prepare and present a research papers to develop analytical skills
- Mock interviews of the students to promote communication skills.
- Basics of food production taught innovatively through restaurant set
- Use of ICT such as shared links, you tube, slide share and animoto

34. Participation in Institutional Social Responsibility (ISR) and Extension activities
10 SY students along with teacher coordinator Ms. Roma Gandhi were a part of the 'intergenerational interaction project' with NGO THRED

35. SWOC analysis of the department and Future plans

Strengths:

- Qualified and committed faculty
- In house restaurant setup for practical training
- 'KSHRujan' certificate in entrepreneurial skills development

Weakness:

- Extension programs
- Student exchange programs

Opportunities:

- Campus placement
- Collaborative projects with hospitality industry
- Earn while you learn schemes
- Catering to students from vernacular medium
-

Challenges:

- Catering to global competencies expected by the hospitality industry

Future plans:

- To explore tie up for PG diploma courses related to tourism/hospitality industry
- Faculty to apply for research grants/ projects



Department of Human Development

(1)

B.Sc. in Human Development

1. Name of the department :Human Development
2. Year of Establishment: 1984
3. Names of Programmes/Courses offered : BSc in Human Development, Postgraduate diploma in Early Childhood Education
4. Names of Interdisciplinary courses and the departments/units involved:
Home Science is an interdisciplinary program. The department offers core subjects in the 1st, 2nd and 3rd semester of the program which are taught by faculty of other subjects. These include subjects of English, Environmental Studies, Applied Science, Resource management, Textile Science and Apparel Design and Food Science and Nutrition. At second and third year, value added courses in Personality Development, Life Skills and Soft Skills are conducted by Faculty from English, and 100 hours of computer training by faculty from the BCA Department. .
5. Annual/ semester/choice based credit system:: Semester
6. Participation of the department in the courses offered by other departments

Sr. No.	Name of the faculty	Nature of participation
1	Mrs Alka Pant	Workshops on 'Preparation and Use of A.V. Aids' for the Department of Nursing. She also teaches the Foundation course 'Women's Issues' for all the specializations
2	Dr. Kirti Pathak	Student Exchange Program with Department of Psychology of Smt. MMP Shah Women's College of Arts & Commerce

7. Courses in collaboration with other universities, industries, foreign institutions, etc.
Short certificate course in Balwadi teachers training programme (Pre-creche training) in collaboration with Stree Mukti Sanghatana (NGO)
8. Details of courses/programmes discontinued (if any) with reasons -NIL
9. Number of Teaching posts:

Teaching Posts	Sanctioned	Filled
Associate Professors	3	3



10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of MSc. Students guided for the last 4 years
Dr. Kirti Pathak	Ph.D.	Associate Professor & HOD	Human Development	24	M.Sc. – 9
Dr. Rashmi Vyavaharkar	Ph.D.	Associate Professor	Human Development	23	M.Sc. - 5
Ms. Alka Pant	M.Sc. M Phil	Associate Professor	Extension Education	20	-

11. List of senior visiting faculty : NIL
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : NIL
13. Student -Teacher Ratio (programme wise): **SY** – 9 :1 **TY** – 8:1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Support staff 1 + Menial staff 2
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.:

Sr. No.	Teaching Faculty	Qualifications
1.	Dr. Kirti Pathak	Ph.D.
2.	Dr. Rashmi Vyavaharkar	Ph.D.
3.	Ms. Alka Pant	M.Sc., M Phil

16. Number of faculty with ongoing projects from a) National
b) International funding agencies and grants received

Name of Faculty	Details of Award/Recognition
Mrs. Alka Pant (2015- 2017)	Minor Research grant for her project titled, “Enhancing Employability Skills through Career Oriented Programs” by UGC
Dr. Kirti Pathak (2015- 2017)	Commonwealth Scholarship for MSc. In Gerontology from South Hampton University

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL
18. Research Centre /facility recognized by the University: NIL
19. Publications:
Books: Mrs. Alka Pant 1
Journals : Dr. Kirti Pathak 1



Chapter in edited book: Dr. Rashmi Vyavaharkar 1, Mrs Alka Pant:1
Conference Proceedings: Dr. Kirti Pathak , Dr. Rashmi Vyavaharkar
and Mrs. Alka Pant : 4

For details please refer to Annexure No. 13

20. Areas of consultancy and income generated
Income generated through 'Balmela' annual festival organized for children,
from 2011 to 2016 = Rs. 2,75,000/-

21. Faculty as members in a) National committees b) International
Committees c) Editorial Boards

Dr. Kirti Pathak

- Member of Panel of Referees of the 'Research Imprints' journal of P.N.
Doshi Women's College of Arts, Ghatkopar

22. Student projects

- a) Percentage of students who have done in-house projects including inter
departmental/programme: 100%
- b) Percentage of students placed for projects in organizations outside the
institution

Year	2011- 2012	2012- 2013	2013- 14	2014- 15	2015- 16
Internship Out of Mumbai	40 %	31 %	44 %	12 %	9 %
Internship within Mumbai	60 %	69%	56 %	88%	1%

23. Awards / Recognitions received by faculty and students

Faculty

Year	Name	Name of the Award
2012- 2013	Dr. Rashmi Vyavaharkar	'Par excellence award 'from Pathare Prabhu Charities in recognition of her PhD thesis titled: "The Impact of music on creative output in art and language activities of disadvantaged children", on 2 nd December, 2012, and Silver Medal from Pathare Prabhu Mahila Samaj for the same on 24 th February, 2013.
2014- 2015		Best Teacher Award from Shradhhanand Mahilashram
		Appreciation Award from Lion's Club International
2014- 2015	Ms. Alka Pant	Best Teacher's Award from Shradhhanand Mahilashram
2015- 2016	Dr. Kirti Pathak	Best Teacher's Award from Shradhhanand Mahilashram



Student:

2015-2016	Ms. Gada Urmi (Student)	1 st in Human Development, merit list SNDTWU
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24. List of eminent academicians and scientists / visitors to the department

Name of the Speaker	Designation
Dr. Rajan Bhosale	Sexologist
Dr. Harish Shetty	Psychiatrist
Dr. Nirmala Rao	Psychiatrist
Adv. Uma Pandit	Advocate
Ms. Margret D'costa	Media Person
Mr. Chetan Mathur	Media Person
Dr. Dhaval Modi	Psychiatrist
Dr. Jeevan Deahuna	Psychologist and Educationist
Dr. Swati Allabhadi	Gynaecologist
Dr. Ravikala Kamat	Retd. Head of Dept. Human Development SNDTWU
Dr. Reeta Sonawat	Head of Dept. Human Development SNDTWU & Dean of Home Science Faculty
Dr. Cohelo	Gynaecologist

25. Seminars/ Conferences/Workshops organized & the source of funding
a) National b) International **NIL**

26. Student profile programme/course wise: Average for last four years

Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
B.Sc. in Human Development	25	25		25	70%

27. Diversity of Students : Average for the last four years

Name of the Course	% of students from the same State	% of students from other States	% of students from abroad
BSc. Home Science HD	100%	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? **Data not available**

29. Student progression

Student progression	Against % enrolled
UG to PG	11%
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed	



Other than campus recruitment	29%
Entrepreneurship/ Self-employment	6%

30. Details of Infrastructural facilities

- Central library facility with access to inflibnet and databases.
Department has separate section of books for children
- Access to SMART Classrooms (4 advanced and 1 basic)
- 2 Class rooms with ICT facility, 1 laptop and 1 LCD Projector
- Laboratories: Prangan Experimental Nursery School, play area with equipment for children

31. Number of students receiving financial assistance from college, university, government or other agencies

Year	SMES	Government (SC/ST)	Government (Minority)	Total Amount(₹)
	No of Students	No of Students	No of Students	
2011-12	1	4	-	24,930
2012-13	-	-	-	0
2013-14	2	-	1	9,600
2014-15	3	-	1	10,710
2015-16	2	5	-	34,785
Total Amount				80,025

34. Details on student enrichment programmes (special lectures / workshops/seminar) with external experts

Date	Details
July, 2011	Lecture on 'Prostitution' by Ms. Kruti Shah (Alumna) for SY Students.
Sep. 2011	Lecture by Ms. Mayura Putambekar on 'Changing Environment and Total Quality Management' for TY students.
05.09.2011& 07.09.2011	Lectures on 'Value Education' by Ms. Mayura Putambekar for FY, SY, & TY students.
06.09.2011	Lecture on Value Education: 'Honesty & Respect for others by Dr. Amita Valmiki from Jhunjhunwala College for FY & SY students.
14.09. 2011	Lecture on Motivation by Ms. Roma Gandhi, Lecturer, Dept. of Hospitality Management for TY students.
29.09.2011	Lecture on Information Process by Ms. Jyoti Parekh from Smt. MMP Shah Women's College of Arts & Commerce for TY students.
03.10.2011	Talk by Mrs. Savita Vhune on 'Whole Language Approach' from Smt. MMP Shah Women's College of Arts & Commerce for TY students
04.10.2011- 05.10.2011	Lecture by Ms. Monalisa Singh (Faculty, Dept. of BCA) on 'Legal Status of Women in India' for SY Students.
03/06/and 10.02.2012	Lectures on 'Personality Test & Positive Test Project' by Alumni Ms. Jenny Shah for TY students



18.02.2012 & 01.03.2012	Workshop on Media and Television by Mr. Chetan Mathur for SY students
14.03.2012	Workshop on 'Sex Education – Love Marriage and Arranged Marriage' by Mr. Yuvaraj for SY students
21.03.2012	Workshop on 'Personality Development' by Dr. Dharmendra Rai for SY & TY HD Students
21.03.2012	Session on Mind Mapping and Self Swoc by Mr. Dharmendra Rau and Ms. Monika Kaushik
20.02.2013	Ms. Honey Thakkar: Resource unit and science experiments for children
16.03.2013	Lecture on Music and Movement by Ms. Honey Thakkar:
18.03.2013	Language Activities for Pre-school Children by Ms. Honey Thakkar:
11.02.2013 to 14.02.2013	Projective Test and Personality Test by Ms. Neha Tamhane:
23.02.2013 to 09.03.2013	Counseling session by Ms. Gayatri Iyer
07.08.2013	ECE centres at Dept. Of Human Development SNDT University' by Sanobia Palkiwala: On
30.09.2013	Adv. Uma Acharya: Laws related to women.
12.10.2013	A three hour workshop on puppet making was conducted by Ms. Anjali, Ms. Hetal and Ms. Priyanka, P.G. Diploma students.
16.09.2014 - 17.09.2014	12 TYHD students and 3 PGECE students attended a seminar on 'Excellence in Early Childhood Education' organized by SNDT Women's University Dept. of Human Development
19.09.2014	Lecture on 'Motivation and Morale' by Ms. Roma Gandhi for TY students
12.09.2014	Lecture on "Information Process" by Ms Jagruti Parekh for HD Students under subject Child Psychology
11.10.2014	Online Creativity Workshop for Parents by Ms Khushboo Gala for TY students under Developing entrepreneur skills
22.01.2015 - 24.01.2015	Lecture on "different type of test in counseling" by Ms. Neha Tamhane for TY students under Basic guidance and Counseling
02.02.2015	Lecture on "different type of test in counseling" by Ms. Jainee Chheda for TY students under Basic guidance and Counseling
18.02.2015	Lecture on "Rational Emotive Behavior Therapy" by Dr. Tanuja Prem for TY students and Student of psychology department Students under Basic guidance and Counseling
20.02.2105	Lecture on "Music and Movement" by Ms. Honey Thakkar for SY students under Child Youth Curriculum
27.02.2015	Lecture on "Educational guidance" by Ms Jagruti Parekh for TY students under Basic guidance and Counseling
24.02.2015	Lecture on "Gandhiji's contribution to education" by Mr Kishor Dave for SY and TY students
17.10.2015	Workshop on 'Creative Art' by Ms. Bhairavi Doshi (Creative Artists Entrepreneur) for TY and SY students



33. Teaching methods adopted to improve student learning
- Providing information about shared networking, YouTube and Slide Share
 - Use of word processing programs along with excel to do graphs and presentations
 - Flip and blended style through integrated and inclusive approach
 - Teaching methods like developer or group style and demonstration style
 - Lectures combined with educational videos
 - Inculcating research through case study and survey
 - Mediating tools such as puppet shows and role play
34. Participation in Institutional Social Responsibility (ISR) and Extension activities
- The department conducts a number of activities in collaboration with welfare organizations such as Shradhanand Mahila Ashram (Matunga), Ashadeep Orphanage (Andheri), Manav Seva Sangh home for senior citizens (Sion) and Stree Mukti Sanghatana.
 - Students are placed for field education and internship in social outreach organizations including mobile crèches in Urban areas, and the Rural Development Centre at Talasari and Rural Balwadi Centres in Lonavla and Wada. Objective is to 'reach the unreached' and cater to marginalized sections of women, adolescents, women and senior citizens.
35. SWOC analysis of the department and Future plans
- Strengths:**
- Good Infrastructure
 - Highly qualified teaching faculty
 - Balanced Curriculum
 - Innovative Teaching Techniques
 - Experimental Nursery School
 - Certificate course on 'Crèche and Balwadi teacher training' in collaboration with Stree Mukti Sanghatana
- Weaknesses:**
- Fluctuating number of children in experimental nursery school
- Opportunities:**
- Developing entrepreneurial skills to encourage students to start their own pre-school centers
- Challenges**
- To establish the department as a benchmark in the field of early childhood education
- Future plans**
- Offering consultancy to organizations (pre-school education's extension services or developmental activities).
 - Activity and reading club for parents and preschoolers in the laboratory school (after school hours)
- Work on major research projects.



Department of Human Development

(2)

Postgraduate Diploma in Early Childhood Education

1. Name of the department: Dept. of Human development
2. Year of Establishment: 2005-2006
3. Names of Program: Postgraduate diploma in Early Childhood Education
4. Names of Interdisciplinary courses and the departments/units involved:
NIL
5. Annual/ semester/choice based credit system : Semester
6. Participation of the department in the courses offered by other departments: NIL
7. Courses in collaboration with other universities, industries, foreign institutions, etc.:
8. NIL
9. Details of courses/programmes discontinued (if any) with reasons: NA
10. Number of Teaching posts: Unaided program. Consolidated Salary 1 CHB 6
11. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of years of experience	No. of MSc students guided for last 4 years
Dr. Kirti Pathak	Ph.D	Associate Professor	Human Development	24	4
Dr. Rashmi Vyavaharkar	Ph.D	Associate Professor	Human Development	23	3
Ms. Jagruti Parekh	M.A	Assistant Professor	Psychology	9	-
Ms. Honey Thakkar	M.Sc	Assistant Professor	Human Development	15	-
Ms. Shweta Mathur	M.Sc.	Assistant Professor	Human Development	10	-
Ms. Vinisha Singh Sawant	MBA	Assistant Professor	Learning and Organizational Development	10	-
Ms. Zehra Syed	M.Sc	Assistant Professor	Human Development	6	-

12. List of senior visiting faculty: NIL
13. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: 100%
14. Student -Teacher Ratio (programme wise) : 1:2



15. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Administrative staff :1 Support staff: 1 (shared with PG diploma in sports science and nutrition)
16. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.:
PhD: 2 PG: 4
17. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NIL
18. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL
19. Research Centre /facility recognized by the University: NIL
20. Publications: Reflected in Human Development Department report
21. Areas of consultancy and income generated: NIL
22. Faculty as members in a) National committees b) International Committees c) Editorial Board - NIL.
23. Student projects
 - a) Percentage of students who have done in-house projects including inter departmental/programme:100%
 - b) Percentage of students placed for projects in organizations outside the institution Research laboratories/Industry/ other agencies-100%
In preprimary and primary schools outside the college campus
24. Awards / Recognitions received by faculty and students: NIL
25. List of eminent academicians and scientists/visitors to the department:
Please refer to report of HD Department
26. Seminars/ Conferences/Workshops organized & the source of funding:
NIL

27. Student profile programme/course wise: Average for last 4 years

Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
Postgraduate Diploma in Early Childhood Education (Human Development)	4	4		4	85%

28. Diversity of Students: Average for last four years

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
Postgraduate Diploma in Early Childhood Education (Human Development)	100%	-	-



29. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.: Data Not available

30. Student progression-

Student progression	Against %enrolled
UG to PG	-
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed Other than campus recruitment (Entrepreneurship)	100%

31. Details of Infrastructural facilities

- Central library with primary and secondary resources, access to inflibnet and databases
- Access to Wifi. 1Laptop and 1 LCD
- 1Class rooms with ICT facility . Access to 2 SMART Classrooms
- Laboratories: Prangan Experimental Nursery School

32. Number of students receiving financial assistance from college, university, government or other agencies: NIL

33. Details on student enrichment programmes (special lectures/workshops/seminar) with external.

- Mrs Shweta Mathur organized a workshop for parents (2012 -2013)
- Ms Bhairavi Doshi conducted workshop on creative art paper activity (2013 -2014)

34. Teaching methods adopted to improve student learning –

- Project work
- Screening of short films documentaries
- Visits to Schools
- Guest Lectures

35. Participation in Institutional Social Responsibility (ISR) and Extension activities:

ISR is accomplished through the visits and placements in schools such as Balwadi at Talasari, Spastic society at Bandra, Dilkush School for mentally challenged at, Juhu and Kalyandeeep Kalyandeeep special school at Vile Parle.



36. SWOC analysis of the department and Future plans

Strengths:

- Good Infrastructure
- Highly qualified teaching faculty
- Balanced Curriculum
- Innovative Teaching Techniques
- Experimental Nursery School

Weaknesses:

- Fluctuating No. of children in experimental nursery school

Opportunities

- Training in entrepreneurial skills to enable students to open preschool centres

Challenges

- Increase enrollment in view of several short term courses in “Early Childhood Education”



Department of Textile Science and Apparel Design

1. Name of the department: Textile Science and Apparel Design
2. Year of Establishment: 1991
3. Names of Programmes/ Courses offered : B.Sc. in Textile Science and Apparel Design
4. Names of Interdisciplinary courses and the departments/ units involved

Home Science is an interdisciplinary program. The department offers core subjects in the 1st, 2nd and 3rd semester of the program which are taught by faculty of other subjects. These include subjects of English, Environmental Studies, Applied Science, Human Development, Resource Management and Food Science and Nutrition. At second and third year, value added courses in Personality Development, Life Skills and Soft Skills are conducted by faculty from English, and 100 hours of computer training by faculty from the BCA Department.

5. Annual/semester/choice based credit system (program wise): Semester
6. Participation of the department in the courses offered by other departments:

Sr. No.	Name of the faculty	Nature of participation
1	Mrs Suganda Lad	Evaluation of presentations on 'Marketing' by students of the department of Resource Management

7. Courses in collaboration with other universities, industries, foreign institutions, etc.: NIL
8. Details of courses/program discontinued (if any) with reasons; NIL
9. Number of teaching posts:

Teaching Posts	Sanctioned	Filled
Principal	1	1
Associate Professor	1	1
Assistant Professor	2	2

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. /M.Phil.etc.)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Mrs. Shilpa P. Charankar	M.H Sc, Ph.D.	Principal	Textiles & Clothing	31 Years	Guiding Ph.D.:2 students Co-guide: 1student



Mrs. Veena Verma	M.Sc., M.Phil. Registered for PhD	Associate Prof.	Textiles & Clothing	23Yrs.	-
Mrs. Sugandha Lad	M.Sc., M.Phil. SET	Assistant Prof.	Textiles & Clothing	6½ yrs.	-
Mrs. Pradnya Ambre	M.Sc. NET, SET Registered for PhD	Assistant Prof.	Textiles & Clothing	4 years	-

11. List of senior visiting faculty:

Year	Name of Faculty	Course
2011-15	Mr. Deepak Pethar, Ex. Faculty SASMIRA	Fundamentals of Apparel Merchandising
2015-16	Ms. Pinky Kotecha, General Manager, Best Seller Fashion Ltd.	Fundamentals of Apparel Merchandising

12. Percentage of lectures delivered and practical classes handled
(programme wise) by temporary faculty: Nil

13. Student-Teacher Ratio (program wise):
SYTSAD 6:1
TY TSAD 4:1

14. Number of academic support staff (technical) and administrative staff;
sanctioned and filled: Lab Attendant 1

15. Qualification of teaching faculty with Ph.D./MPhil/PG:
Qualifications of teaching faculty with D. Sc /D. Litt. /Ph. D /M. Phil/PG.:

0Sr. No.	Teaching Faculty	Qualifications
1.	Dr. Shilpa Charankar	Ph.D.
2.	Mrs Veena Verma.	M. Sc., M.Phil. Pursuing Ph.D.
3	Mrs Sugandha Lad	M.Sc. M.Phil.
4	Mrs Pradyna Ambre	M.Sc. Pursuing Ph.D

16. Number of faculty with ongoing projects from a) National
b) International funding agencies and grants received

Name	Title	Amount received (₹)	Year	Funded by
Mrs. Sugandha Lad	Study of Purchasing Behaviour of the Youth in Context to Retailing of Textiles and clothing in malls	1 lakh	2012- 14	Minor Research Project UGC



17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. : 2
Minor research projects (1 completed and 1 going on) Details as given
above

19. Publications:

- For details please refer to Annexure No. 13

21. Faculty as members in

Dr. Shilpa Charankar:

22. Student projects:

b) Percentage of students placed for projects in organizations outside the institution: All TY are placed in the industry for 4 weeks as part of the internship program: 100%

Faculty : 6246



2015-2016	Dr. Shilpa Charankar	“Fellow of The Textile Association”, (FTA) by Textile Association India Award from Nehru Yuva Kendra, Mumbai on Occasion of Women’s Day for her dedicated service in the field of education
2015-2016	Mrs. Veena Verma	2 nd Prize in Technical Poster Presentation session for the poster entitled “Alumnae Interaction- An Important Resource in Teaching and Learning” in NAAC Sponsored Two day National seminar on “Strategies Implementing Best Practices in Teaching, Learning and Evaluation” organized by Dr. B.M.N. College of Home Science
2015-16	Mrs. Sugandha K. Lad	Felicitated by Shraddhanand Mahilashram in recognition for her contribution to community work. (For underprivileged section)
2016-2017	Mrs. Sugandha K. Lad and Mrs. Pradnya Ambre	2 nd prize in paper presentation competition at International Conference on ‘Empowering Khadi and Handloom through Design Intervention’ organized by M.S. University, Baroda in collaboration with School of Fashion technology, Pune. Title of Paper- “Khadi-Awareness and Promotion among youth.”

Students: 9

Year	Name	Name of the Award
2011-2012	Ms Ipsita Badani & Ms Muthulaxmi	2 nd Prize in National Level Technical Paper presentation competition ‘Vastra 2012’ held organized by V.J.T.I., Mumbai Topic – Customization of Apparel
2012-2013	TY TSAD	2 nd prize in Fashion Show in intercollegiate Fest Akanksha held at Dr. B.M.N. College of Home Science. Theme- Panchmahabhoot
2015-2016	TY TSAD	2 nd prize in Fashion Show in intercollegiate Fest Akanksha held at Dr. B.M.N. College of Home Science. Theme- Galaxy
2016-2017	TY TSAD	2 nd prize in Fashion Show in intercollegiate Fest Akanksha held at Dr. B.M.N. College of Home Science. Theme - Hawaiian
2015-2016	Ms. Tejashree Gaikwad (SY TSAD)	<ul style="list-style-type: none"> ● 1st prize in skit, one act play, street play – Yuva Mahotasva SNDT Women’s University ● Elected as a ‘NCC Secretary’ SNDTWU in University Students Council ● Best performance on 26th January program - 1st prize (University Student Council) ● Essay writing - 1st prize - Uttung’ festival organized by Podar college
Aug. 2016	Ms. Daphne Arumuga (TY TSAD)	Represented University at Inter University Chess Competition and won the award of talented player



24. List of eminent academicians and scientists/visitors to the department

Name of the Speaker	Designation
Ms. Ipsita Badani	Ex Student TSAD Dept
Dr. Mrinal Choudhary	Deputy Director, Wool Research Association
Mr. Mayur Basuk	Scientist, Wool Research Association
Mr. Shishir Tyagi	Scientist, Wool Research Association
Mr. Jaydanand Behra	Scientist, Wool Research Association
Mrs. Anuja Kulkarni	Senior Technician, Inkjet Lab, Huntsman International, Mumbai
Mrs. Swara Morajkar	Senior Formulation Scientist, R & T Lab, Huntsman International, Mumbai
Mr. Aditya Kadam	Seeta Arts Mumbai
Mr. Sameer Bhuta	Owner of Shriji Exim, An Export House
Mr Jayesh Borude	Manager, BASF Ltd
Dr N.N. Mahapatra	President, Colourant Ltd

25. Seminars/ Conferences/ Workshops organized & the source of funding a) National b) International

UGC Sponsored 2 days National Seminar on 'Apparel Merchandising Management'(Year 2011-12) Sanctioned Amount Rs 80,000/-

26. Student profile programme/course wise: Average for the last four years

Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
B.Sc. T.S.A.D.	50-55	25-29	NA	25-29	70-90%

27. Diversity of Students: Average for the last four years:

Name of the Course	%of students from the same state	% of students from other States	% of students from abroad
B.Sc. T.S.A.D.	98-100%	0-2 %	0.1 %

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? Data not available

29. Student progression:

Student progression	Against % enrolled
UG to PG	21%
PG to M.Phil.	5 %
PG to Ph.D.	-
Ph.D.toPost-Doctoral	-
Employed	32%
• Other than campus recruitment	
Entrepreneurship/ Self-employment	2%



30. Details of Infrastructural facilities:

- Well-equipped central library facility with primary and secondary material and access to infolibnet and databases
- 2 Class rooms with , Wi-Fi access , 1 LCD and 2 Laptop2
- Access to SMART Classrooms (4 advanced and 1 basic) as well as Seminar Room
- 3 well equipped textile laboratories

31. Number of students receiving financial assistance from college, university, government or other agencies

Year	SMES	Government (SC/ST)	Government (Minority)	Total Amount (₹)
	No of Students	No of Students	No of Students	
2011-12	5	-	-	15,150
2012-13	1	2	-	11,235
2013-14	1	3	-	24,990
2014-15	6	-	-	15,560
2015-16	6	6	-	61,565
Grand Total Amount				1,28,500

32. Details on student enrichment programmes (special lectures/ workshops/seminar) with external experts:

Year	Name of the faculty/visitor with designation
2014 – 2016	Mrs Rupali P. Shah, Director –HR, Shah Technical Consultants Pvt Ltd was invited to speak on the following topics: ‘Decision Making ’and ‘how to analyze a case study’Mock Interview session , ‘How to prepare for an interview’
2014-2016	Dr. Preeti Shirodkar , Soft Skills Trainer, MET college, Bandra. ‘Cross cultural communication’
2014-2016	Ms Rachana Bhagari, Sr, Merchandiser, Shah Safari, Prabhadevi. conducted Mock Interviews
2015-2016	Session on ‘how to appear for a Group discussion’by Ms. Kirti Nahare, Asst. Prof. English, SIWS College, Mumbai
2015-2016	Students attended a workshop on ‘Emotional Transformation’organized by Gandhian Studies Centre in collaboration with Chinmaya Mission Youth Wing
2015-2016	Session on ‘How to start Blogging” by Ms Ayesha Gadigaonkar (TYND)
2015-2016	Mock Interview sessions were conducted by Mrs.Rupali Shah (Director, Shah Technical Consultants Pvt Ltd)), and Mrs.Amisha Kamdar (HR executive, Shah Technical Consultants Pvt Ltd))
2015-2016	Session on “Life Skills” by Ms. Priya Panchal (Life Skills Trainer)
2015-2016	Session on ‘Gita in Everyday’by Dr. Sunanda Pal Retd. HOD PG Dept of English SNDT Women’s University, organized by Gandhian Studies Centre



33. Teaching methods adopted to improve student learning – Innovative teaching methods adopted:

- Sharing resources on Traditional Textiles of India/actual samples on display, visit to museum resulting in blended Learning/experiential learning-.
- Project work, modeling ,display, fashion show and selection of readymade garments for various occasions
- Educational Tours/Visit to Exhibitions /Visit to National garment fair Organized by CMAI (Clothing Manufacturer Association of India)
- Viewing of YouTube videos of various Looms and weaving processes
- Sharing of URLs to students especially on shuttle less weaving to view weaving process
- Use of Internet for pattern selection for Fashion Apparel Design as per latest fashion trends
- Students visited different fabric markets in Mumbai for sourcing various fashion fabrics for Apparel Design course
- Group Project-Presentation-discussions
- Blended Learning Use of ICT- Internet surfing Seminar Presentations Use of resource center Use of photographs, Motivating the students by display Use of Film clippings, Use of survey monkey for online data collection (Recent Advances in Textile Science and Apparel Design)
- Hands on training to learn practical aspect of Textile Industry by internship placement resulting in experiential analytic al learning experience
- Experts from Industry as resource person involving interactive learning experience
- Workshop on Screen Making and Printing
- Orienting students with use of various research data bases available on internet.
- Updating students' knowledge on recent trends and demands of various class of consumers by market survey

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Year	Details
2012-13	Students from TSAD Dept conducted training program for underprivileged girls and women in collaboration with Asha Deep Association, Andheri. Different techniques of fabric painting and paper craft and Diya Decoration. Program was sponsored by CIPLA pharmaceuticals , Mumbai
2015-16	Mrs.Veena Verma and Mrs. Sugandha Lad with 20 students of S.Y.T.S.A.D participated in the project 'Intergenerational Interaction between Youth and Senior Citizens' collaboratively organized by THRED and our college from August 2015 to April 2016.
Dec. 2015	SY BSc Students participated in training program for community during NSS Special camp. Program was mainly to develop skills in embroidery, fabric painting and jewelry making



2016-17	Mrs Sugandha Lad and Mrs Pradnya Ambre along with 4 TYBSc students conducted a training workshop in Fabric Painting and Embroidery for the marginalized section of the society in collaboration with Department of Fiber and Textile Processing Technology , Institute of Chemical Technology, Mumbai
Dec. 2016	Mrs. Sugandha Lad trained under privileged women from community in Chembur on advance training for designer blouses and shopping bags

35. SWOC analysis of the department and Future plans

STRENGTHS:

- Strong interaction with industry and institutes like Wool Research Association, Institute of Chemical Technology, CIRCOT, SASMIRA, Shriji Exim, Grassim Industries
- Inclusion of 'Soft Skills Development' as a course in the curriculum
- 100 hours Computer Training in subject specialized areas such as Coral Draw and Photoshop
- Strong Alumnae interaction
- Resource persons from industry and Industrial visits
- Upgradation of textile labs with latest equipment like Vacuum Pressure Iron Machine, Rota Dyer and Oven
- Training on ICT

WEAKNESS:

- Curriculum is fixed by university so there is very little flexibility

OPPORTUNITIES:

- Better job placements in textile industry
- Focus on entrepreneurial skills so that students can establish own business and brands

CHALLENGES:

- Setting up a research centre even though we are a UG Dept.

Future plans:

To Start M.Sc. in Textile Science and Apparel Design and/or
P.G. Diploma Course in Apparel Merchandising and Management



Department of Food Science and Nutrition

(1)

1. Name of the Department: Food Science and Nutrition
2. Year of Establishment: 1989
3. Name of Programs offered: B.Sc. with specialization in Food Science and Nutrition
4. Names of Interdisciplinary courses and the departments/units involved: -
As Home Science is an interdisciplinary course, students study core subjects in the 1st, 2nd and 3rd semester of the program which are taught by faculty of other departments. These include English, Environmental Studies, Applied Science, Human Development, Textile Science and Apparel Design and Food Science and Nutrition. At IV, V and VI semester, value added courses in Personality Development, Life Skills and Soft Skills are conducted by faculty from English, and 100 hours of computer training by faculty from the BCA Department.

Similarly faculty take lectures under foundation courses offered to students from other departments, for example 'Fundamentals of Food Science and Nutrition'(Theory and Practical) at FY Level and 'Nutrition for Life span' at SY Level.

5. Annual/ semester/choice based credit system : Semester
6. Participation of the department in the courses offered by other departments:

Sr. No.	Name of the faculty	Nature of participation
1	Mrs. Anuradha Shekhar	Lectures on 'Health statistics and nutrition' for TY students for foundation course on 'Women's studies'; 'Sports Nutrition' for COP in Physical fitness and weight management; and 'Anemia and health related issues' for BCA students.
2	Mrs. Vinaya Vaishampayan	Sessions on 'Importance of Breast Feeding' for BCA students

7. Courses in collaboration with other universities, industries, foreign institutions: NIL
8. Details of courses/programmes discontinued: NIL
9. Number of Teaching Posts:

Post	Sanctioned	Filled
Associate Professors	2	2
Asst. Professor	1	1

10. Faculty Profile



Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of MSc. Students guided for the last 4 years
Mrs. Anuradha Shekhar	MSc, M.Phil	Associate Professor and HOD Coordinator for PG Dip. in SSFN	Food Science and Nutrition	25 years	25 MSc CND guided. 7 on-going from SNDTWU & 5 from IGNOU
Dr. Meena Mehta	MSc PhD FSN	Associate Professor	Food Science and Nutrition	24 years	6 M.Sc. 1 PhD (ongoing)
Mrs. Vinaya Vaishampayan	MSc, registered for PhD	Assistant Professor	Clinical Nutrition and dietetics	21 years	3 MSc students guided
Mrs. Amruta Sapre	MSc	Assistant Professor (Recruited under science post but also takes lectures in the depart)	Bio Chemistry	3 years	Nil

11. No of senior visiting faculty : NIL

12. Percentage of lectures delivered and practical classes handled programme wise) by temporary faculty : NIL

13. Student -Teacher Ratio (programme wise): SY: 8:1, TY 8:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : 2 Lab Attendants:

15. Qualifications of teaching faculty with DSc/ D.Litt/ PhD/ MPhil / PG.

Sr. No.	Teaching Faculty	Qualifications
1.	Dr. Meena Mehta	Ph.D.
2.	Mrs. Anuradha Shekhar	M.Phil
3.	Mrs. Vinaya Vaishampayan	PG

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received :-

- (1) Mrs. Vinaya Vaishampayan. UGC Minor Research Project on “Do food patterns change at different time points in a work environment”. Sanctioned Grant of Rs 110000 (One Lakh Ten Thousand) for 2015-2017.



17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc.
and total grants received –

UGC Minor research grant: 1 (Mrs. Vaishampayan)

UGC Travel grant : 1. For Rs 109916 (Mrs. Anuradha Shekhar)-

UGC Travel grant : 1 for Rs 106594 (Dr. Meena Mehta)

18. Research Centre /facility recognized by the University – NIL

19. Publications: (2011-2016)

Publication per faculty

Mrs. Anuradha Shekhar Author: 8. Co-authored -34

Dr. Meena Mehta – 13

Mrs. Vinaya Vaishampayam - 3

No of papers published in peer reviewed journals (national / international) by
faculty and students:-

Mrs. Anuradha Shekhar- 34

Dr. Meena Mehta: 13

Mrs. Vinaya Vaishampayan:- 3

Chapter in Books :- Mrs. Anuradha Shekhar: 1 .

Books with ISBN /ISSN: Mrs. Anuradha Shekhar: 1

Citation Index :Mrs. Anuradha Shekhar 16

Impact factor: Mrs. Anuradha Shekhar: : 11

H-index: Mrs. Anuradha Shekha: 1

I10 index: Mrs. Anuradha Shekhar: 1

For details please refer to Annexure No 13

20. Areas of consultancy and income generated -

- Consultancy given to 'Wise tummy' on how to calculating nutrients and
Consultancy for Royal college on their Sports science and Nutrition syllabus

21. Faculty as members in National bodies :

Mrs. Anuradha Shekhar

- Convener for student activities and fund raising of AFSTI Mumbai
Chapter. Also member of the editorial committee and was the treasurer
for three consecutive years (National level)

Member of the editorial board of the following journals:

- Acta Scientifica Journals,
- Sign post E journals
- International Journal of Medicine and Allied Health Sciences.
IJMAHS
- Journal Of Human Ecology
- International Journal of Medicine and Allied Health Sciences-
IJMAHS
- International Journal of Food and Nutritional sciences-IJFANS
- International Journal of Medicine and public Health- IJMPH

22. Student projects



- a. Percentage of students who have done in-house projects : 100%. All undergraduate students carry out projects and surveys as part of their syllabus
- b. Percentage of students who carry out their projects in Government and nongovernment and commercial organizations: 100% as all the students are assigned projects at Sion Hospital which is a Government hospital

23. Awards / Recognitions received by faculty and students

Year	Awards/ Recognition Received by Mrs. Anuradha Shekhar
2011	First Prize & President's Award from National Centre for Quality Management (NCQM) for her project titled 'Enhancing communication skills in Women Students in the context of Global Competencies – Innovative Learner-centric Techniques,' as part of the Best Educational Quality enhancement team (BEQET) annual competition for 2011
2012	Felicitated with Best Teachers Award by Lions Club of Sion for her dedicated service in the field of Education, on 28 th July 2012.
2012	felicitated by Lions Club International District 323 A1 in recognition of 'Dedication, Devotion and Services rendered in the field of Education', at Colaba on 5 th Sep 2012.
2012	'Shiksha Rattan Puraskar'- a certificate of Excellence and a trophy for meritorious services by Dr. Bhisma Narian Singh, Former Governor, at a Seminar on 'Role of Education in Modern India' organized by India International Friendship Society, New Delhi on 30 th Oct. 2012.
2014	2 nd prize by NCQM for Best Educational Quality Enhancement Team" presentation which was held on 1 st February, 2014 at S.P.R.J.Kanya Shala, Ghatkopar. For the Paper "Enhancing Worksite Wellness of Non-Teaching Staff"
2015	Consolation prize for her poster titled 'Promoting the spirit of Inquiry through Research and Instilling Entrepreneurial skills in Undergraduate students'. NAAC National seminar on 'Teaching , Learning and evaluation' organized By Dr. BMN college on 2nd and 3rd March 2016

Awards received by Students :

Date	Name of Faculty/Student	Details of Award/ Recognition
08.05.2014	Rochita Date, Athira Mohanan and Anuradha Shekhar	Awarded 3 rd prize for an oral paper presentation in ICMR, DST and DBT sponsored "International Conference on Technological Advances" on 7 th and 8 th May, 2014 at JNU Delhi.
07.05.2014	.Mehak Sadguru, Anam Golandas and Anuradha Shekhar	Awarded Consolation prize for an Oral paper presentation in ICMR, DST and DBT sponsored "International Conference on Technological Advances" on 7 th and 8 th May, 2014 at JNU Delhi..



27.03.2015	Neelam Ghadge	2 nd prize for her food product Sattu Biscuits at Nutrizon, SRM University Chennai.
Jan -2016	Ms. Zainab Panwelwala and Anisha Pawar	Developed a black current flavour FALSA, which has been launched this year by Avigna Foods. The students have signed an agreement for the same.
2014-2015	Ms.Neha Deepak Shah (Alumina 2011 batch)	Finalist in Master Chef India. She was also the 2 nd runner up in Season 4

K.U. Naram Awards : 18 students have received a merit certificate and cash prize for standing 1st, 2nd and 3rd at University level from Dr. BMN in the specialization of Food Science and Nutrition from AFSTI (Association of Food Scientists and Technologists of India) Mumbai Chapter from 2011 to 2016

24. List of Eminent academicians and scientists / visitors to the department

Name of the Speaker	Designation
Dr. Dhananjay More	Sports Nutritionist
Dr. Uday Annapure	Head Food technology. ICT
Dr. Nilesh Amritkar	Director Envirocare Labs
Dr. Prabodh Halde	Head Regulatory , Marico Industries
Dr. Rama Vaidya	Owner MRC – Research Centre
Dr. Ashok Vaidya	Director MRC – Research Center
Mr. Micky Mehta	Director 360 degrees Gym
Mrs. Leena Mogre	Director Leena Mogre Gym
Dr. J. S. Pai	Executive Director of Protein Foods and Nutrition Development Association of India PFND AI
Dr.G. Subbulakshmi	Former Director, Dept. of Post Graduate Studies & Research in Home Science, SNDT Women's University, Mumbai
Dr. Shobha Udipi	Retired Dean Post graduate studies and research in Home sciences, Sr. Nutritionist in PFND AI.
Dr. Kiran Sangani	MD, Asian Heart Institute
Dr. Yadav	Sr. Vice President, Kamani Oil Industries
Mr. Kaizad Kapadia	MD, K-11 Gym
Ms. Saloni Benjamin	IDA Member Incharge RD exams

25. Seminars/ Conferences/Workshops organized & the source of funding

- UGC sponsored National Seminar on Current Trends in Nutrition and Fitness Management organized 9th and 10th January 2014
- Faculty were organizing secretaries of NAAC sponsored National seminar on teaching, learning and Evaluation on 2nd and 3rd March 2016
- Conducted 5 department level seminars, events every year during nutrition week and Women's day as well as 4 workshops



26. Student profile programme/course wise: Average for last four years

Name of the Course/	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
Food Science and Nutrition	50	26	NA	26	85 %

27. Diversity of Students: On an average for the last four years

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
BSc FSN	98%	2%	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? : * These are our Alumnae who have cleared these exams after their Post-Graduation NET : 3 / SET/ SLET: 1. GRE/ TOFEL: 4/ Registered Dietician exam : 4

29. Student progression

Student Progression	Against % Enrolled
UG TO PG	70%
UG to Direct Career Entry	10%
PG to employment	100%
PG to PHD	4%

30. Details of Infrastructural facilities

- Library : Central library facilities with access to internet and online data bases .
- Internet facilities for Staff & Students : 2 Classrooms on the 2nd floor . Access to 2 SMART classrooms (1 basic and 4 advanced). 1 Laptop, 1 LCD and 1 OHP .
- Laboratories:- Three Cooking Labs, 1 Gym , 1 Microbiology lab and 1 chemistry lab are available for students of FSN. Apart from all the necessary cooking utensils, gas ranges and other infrastructural requirements, new equipment purchased include- commercial baking oven/6 baking ovens
Body composition analyzer – body stat./ fridge

31. Number of students receiving financial assistance from college, university, government or other agencies :

Year	SMES	Government (SC/ST)	Government (Minority)	Total Amount (₹)
	No of Students	No of Students	No of Students	



2011-12	4	1	-	24,930
2012-13	1	-	-	4,730
2013-14	-	2	-	11,360
2014-15	2	-	-	9,080
2015-16	4	4	-	50,815
Grand Total Amount				1,00,915

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts :-

- Breast Feeding week awareness projects
- National nutrition week with students participating in intercollegiate quiz, slogan, poster and recipe competitions.
- Women's Day celebrations with competitions.
- Workshops related to nutrition field
- Educational tours and visits ,
- Student involvement in conducting co-curricular events such as seminars and conferences
- Personality Development and soft skill classes
- Placements/Internships
- Sessions and workshops with experts from the industry/NGOs.
- Sessions by alumnae

33. Teaching methods adopted to improve student learning Teaching-Learning:

- Under the subject of food product development in the VI Semester, students are taught how to develop innovative nutritious food products. This inculcates various aspects of entrepreneurship skills
- Students are encouraged to work on research papers. This helps them to develop analytical skills for collection and analysis of data. They are taught how to prepare a scientific report. This helps them with written skills and critical thinking
- Through seminar and internship presentations, students learn independent, collaborative and cooperative learning skills.
- Subjects of community nutrition, fundamental of food science and nutrition, life span development are taught in a manner so as to emphasis the need for participatory learning and problem solving, Students have used these methods to develop brochures, pamphlets, bulletin boards and audio visual aids.
- Apart from above mentioned teaching and learning methodologies, the department also uses ICT tools like slide share, YouTube and MOOC courses.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities :-

Students teach and demonstrate healthy recipes as community outreach programs. They conduct community nutrition surveys to understand the problems faced by the community and how to go about addressing them. The department has an ongoing collaborative project with LMT Memorial



Hospital (Chota Sion). Teachers also participate in community outreach programs. .

35. SWOC analysis of the department and Future plans

Strengths

- Healthy student-teachers ratio
- Approachable teachers
- Internship placements
- Collaborative venture with LTMG hospital , Sion
- Industry Interaction/ Alumnae interactions
- Student participation in seminars and conferences
- Stress on entrepreneurship skills
- Encouraging publications of papers and posters at international and national and state level conferences
- Scope for vertical mobility on campus

Weakness

- Campus placements
- No flexibility in syllabus as it is prescribed by the University

Opportunities

- Explore more collaborative projects with industry
- Multiple opportunities for student and faculty development through collaboration/networking with other universities/organizations
- Short-term certificate courses/vacation courses for the public on wellness/ dietetics/general health/cooking for therapeutic conditions/healthy aging.
- Food Analysis Laboratory could also be used as a commercial facility for generating funds

Challenges

- Benchmarking the department as among the best in the University.

Future Plans:

- Introducing MOOC courses.
- Equipping labs to establish collaborative projects and ventures.

Department of Food Science and Nutrition

(2)

1. Name of the department: Department of Food Science and Nutrition
2. Year of Establishment: 2009
3. Names of Program: B.Sc. in Nutrition and Dietetics
4. Names of Interdisciplinary courses and the departments/ units involved:



Home Science is an interdisciplinary program. The department offers core subjects in the first and second year of the program which are taught by faculty of other subjects. These include subjects from English, Science, Human Development, Textile Science and Apparel Design and Hospitality Management. At second and third year levels, value added courses in Personality Development, Life Skills and Soft Skills are conducted by Faculty from English and Basic computers by faculty from the BCA Department..

5. Annual/ semester/choice based credit system : Semester
6. Participation of the department in the courses offered by other departments:
The department teachers take foundation courses in Nutrition offered to students from other departments i.e. At FY - Fundamentals in Food Science and Nutrition, and at SY Nutrition for Life Span.
7. Courses in collaboration with other universities, industries, Institutions, etc.:
“Research as Pedagogy, Advocacy and Transformation”, a value added certificate course is jointly offered by Dr. B.M.N. College and PUKAR (Partners for Urban Knowledge Action and Research) to students in the second semester .

8. Details of courses/ programmes discontinued (if any) with reasons: NIL

9. Number of teaching posts:

Teaching Posts	Sanctioned	Filled
Asst. Professors	-	2

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt./ Ph.D. / M. Phil. etc.,)

Name	Qualifica-tion	Designa-tion	Specializa-tion	No. of Years of Experience (in Dr. BMN)	No. of MSc. Students guided for the last 4 years
Mrs Vinaya Vaishampayam	M.Sc. NET (pursuing PhD)	Assistant Professor & Coordinator	Food Science and Nutrition	21	3
Mrs. Shilpa Waugh	M.Sc., Net	Asst. Professor	Food Science & Nutrition	5	-
Dr. Ashwini Sadhu	M.Sc., PhD	Asst. Professor	Food Science & Nutrition	5	-
Mrs. Neeta Upadhaya	M.Sc.,	Asst. Professor	Extension	10	-



Ms. Jagruti Parekh	M.A.	Asst. Professor	Psychology	9	-
Mrs. Anuradha K.P	M.Sc., , NET and pursuing PhD	Asst. Professor		6	-
Mrs. Rashi Menegi	M.Sc.	Asst. Professor	Analytical Chemistry	7	-

11. List of senior visiting faculty: Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: 100% of the classes are conducted by temporary staff
13. Student -Teacher Ratio (programme wise): SY 5:1 TY 33: 5:1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:
2 lab attendants and 1 administrative staff
15. Qualifications of teaching faculty with DSc/ D.Litt./ Ph.D./ MPhil / PG.:

Sr. No.	Teaching Faculty	Qualifications
1.	Dr. Ashwini Sadhu	PhD
2	Mrs. Shilpa Waugh	M.Sc.
3	Mrs. Nita Uppadhya	M.SMs.
4	Ms. Jagruti Parekh	M.Sc.
5	Mrs. Anuradha K.P	M.Sc.
6	Mrs. Rashi Menegi	M.Sc.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:
Mrs. Vinaya Vaishampayan:

Title	Agency	Period	Grant / Amount Mobilized (Rs lakh)
Do food patterns change at different time points in a work environment	UGC Minor research project	March 2015- March 2017	1, 10,000/-

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL
18. Research Centre /facility recognized by the University: NIL
19. Publications:
Journals: Mrs. Vinaya Vaishampayan:3 Mrs. K P Anuradha:2

For details please refer to Annexure No.13

20. Areas of consultancy and income generated: NA
21. Faculty as members in a) National committees b) International



Committees c) Editorial Boards: NIL

22. Student projects:

- Percentage of students who have done in-house projects including inter departmental/ programme:100%.
- Percentage of students placed for projects in organizations outside the institution : All the third year students are sent to reputed hospitals in Mumbai for internship for a period of 6 weeks.

23. Awards/Recognitions received by faculty and students:

Students:

Year	Name of the student	Name of the Award
2012-2013	Ms. Ankita Gharg	2 nd prize at cooking contest organized by Narmada kidney foundation 7 th September 2012
	Ms. Saylee Oke	2 nd at cooking contest organized by Marico Industries on 3 rd August 2012
2013-2014	Ms. Avni Shah	2nd prize at intercollegiate research competition
	Ms. Michele Gole	Won consolation prize in Group singing at university level Yuva Mahotsav
	Ms. Avni Shah	Photography at Yuva Mahotsav
	Ms. Nusrat Munshi and Ms. Sharmin Ganchi	Debate ,- Akanksha intercollegiate fest
2014-2015	Ms. Kajal Ghaywat	Prize winner in dramatics.Chosen to represent SNDT Women's University at state, zonal and national levels
	Ms. Avni Shah	<ul style="list-style-type: none"> • Best Student of the institution. • 3rd prize at Yuva Mahotsav in Gujarati debate • 3rd prize at Yuva Mahotsav in Gujarati elocution • 3rd prize in quiz competition at nutrition week celebration (Marico Industries)
	Ms. Laxmi Mishra	<ul style="list-style-type: none"> • 2nd prize in carom doubles at Raheja College • 2nd prize at annual day dance.
	Ms. Neelam Putta	1 st runner up in Personality Contest of the college.
	Ms. Ahuja Nidhi	1 st prize in Gandhi Essay competition
	Ms. Kajal Ghaywat	<ul style="list-style-type: none"> • Prize winner in dramatics. Chosen to represent our university SNDT Women's University at zonal and national level. • Participated in the Purshottam Karandak competition and won the best actress award.
2015-2016	Ms. Bhagat Tanvi	Participated in leadership camp at Devlali from 4-6th August 2015 and won the 'Role model leader'- 1st prize.

List of eminent academicians and scientists / visitors to the department:

Name of the faculty	Designation
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Ms. Rekha Singhal	Professor Food Engineering and Technology ICT
Ms. Dutta	Dietitian, Raheja Hospital
Dr. Iqbal Rauf	Assistant Professor, Industrial Safety & Environmental Management National Institute Of Industrial Engineering.(NITIE)

24. Seminars/ Conferences/ Workshops organized & the source of funding:
National Level:

Mrs. Vinaya Vaishampayan was organizing Secretary of the NAAC Sponsored National Seminar On 'Strategies for Implementing Best Practices in Teaching –Learning and Evaluation'. 2nd and 3rd March 2016. National Seminar was funded by NAAC. Funding amount- Rs One Lakh.

25. Student profile programme/course wise: Average for the last 4 years

Name of the Course/programme	Application s received	Selected	Enrolled		Pass percentage
			M*	*F	
Nutrition and Dietetics	40-45 apply each year	30-33	-	30-33	90%

26. Diversity of Students : Average for the last four years

Name of the Course	% of Students from the same state	% of Students from other states	% of Students from abroad
B.Sc. Nutrition And Dietetics	95%	-	5%

27. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? Data not available

28. Student progression:

Student Progression	Against % Enrolled
UG to PG	43
Employed	
Campus Selection	31
Other than Campus Recruitment	25
Entrepreneurship / Self-employment	8

29. Details of Infrastructural facilities:

- A well-stocked central library
- 3 Class rooms with ICT/Wi-Fi facility. Department has 1 laptop and 1 LCD projector. Access to SMART Classrooms (4 advanced and 1 basic as well as to seminar room)
- 3 well equipped labs. Each with a minimum capacity of 30- 35 gas ranges and pipe gas connection



Other equipment: Ovens, 1 microwave, mixers and hand mixers, 3 fridges, adequate containers and required equipment for cooking and baking

30. Number of students receiving financial assistance from college, university, government or other agencies:

Year	SMES	Government (SC/ST)	Government (Minority)	Total Amount (₹)
	No of Students	No of Students	No of Students	
2011-12	-	2		54,610
2012-13	3	3	-	65,990
2013-14	2	1	-	52,815
2014-15	2	-	-	21,780
2015-16	7	-	-	28,326
Grand Total Amount				2,23,521

- Details on student enrichment programmes (special lectures / workshops/seminar) with external experts :

Between 2012-2014 advanced chemistry was offered to students of Nutrition and Dietetics as an enrichment program to help them understand biochemistry at third year level. From 2014 (syllabus upgradation done in 2013) it became a part of the syllabus itself.

Date	Name of the faculty and session
03.09. 2013	'Blended Oils'by Dr. Meena Mehta
10.01.2014	'Time management'by Mr. Jignesh Sanghavi
24.07.2014	'Time Management'Mr. Jignesh Sanghavi
11.08.2014	'Breast Feeding'by Dr. Reshma Siddhaye, Lactation Consultant, Nanavati Hospital
13.08.2014	'Life In The Wild'by Mr. Pravin Maria
19.08.2014	'Disaster Management'by Mr. S. Joshi
01.09.2014	Nutrition week celebrations, sponsored by Marico Industries (poster, recipe and quiz competitions)
06.09.2014	'Workshop on entrepreneurial skills'by Kajal Bhatia
12.09.2014	'Workshop on Zumba'by Mr. Hiren Shah
22.09. 2014	'Cyber security'by Mr. Sachin Dedhia
01.08.2015	'Exercise Physiology'by Dr. Aditi Peshne
25.09. 2015	'Workshop on Yoga'by Mrs. Vandana Saha

31. Teaching methods adopted to improve student learning:

Subject	Specific Example of the teaching method used	Learning Style imbibed
Behavior life style and counseling Class- TYBSc	Specific medical conditions are converted into skits to encourage better understanding.	Interactive and Collaborative learning



Seminar Class- TYBSc	Recent advances in the subjects are presented and followed by a discussion.	Analytical and scientific learning
Mass media Class- SYBSc	Students are trained on how to creating songs on social issues	Creativity skills
Medical nutrition therapy Class- SYBSc and TYBSc	Case studies of various diseases are given to understand medical conditions. Students learn how to plan menus and arrive at solutions in dietary modification.	Independent learning And Participatory learning
Core subjects- Fundamentals of Food Science and Nutrition Class- FYBSc	Group projects given for example - last year students studied certain aspects of food, agriculture of specific civilizations like Egyptian and Chinese.	Cooperative learning

32. Participation in Institutional Social Responsibility (ISR) and Extension activities

Students have participated in a range of activities including awareness campaign on the right to vote (Vote-a-thon), campaign on creating awareness on swine flu, blood donation camps, street plays highlighting stress and health issues, demonstration on low cost healthy recipes to non-teaching staff members, bulletin boards to create awareness on importance of breakfast and workshop on nutrition for menopausal women at Navy Nagar.

Faculty participation in extension activities:

Mrs. Vinaya Vaishampayan has been invited to speak on aspects of nutrition at health center at Sewri organized by Inner Wheel (2014) Swayamsiddha camp organized at Dharavi Sports Complex, MMRDA (2015) and LMT Memorial Hospital (Chota Sion) (2016).

33. SWOC Analysis of the Department and Future plans:

Strength: Dedicated faculty and a Management with a vision.

Weakness: Campus placements

Opportunity: Starting a second division.

Challenges: Establishing department as a premier institute for Nutrition and Dietetics.

Future plans:

- Additional enrichment programs specifically in nutrition counseling offered by the institution.
- Additional certificate programs running parallel to the degree program such as 'Diabetic Educator Program' or certificate program in 'Renal Care' in association with reputed hospitals in Mumbai such as Global Hospital at Parel.



Department of Food Science and Nutrition

(3)

1. Name of the department: Food Science and Nutrition
2. Year of Establishment: 2009
3. Names of Program: Masters of Science in Clinical Nutrition & Dietetics
4. Names of Interdisciplinary courses and the departments/units involved: NIL
5. Annual/semester/choice based credit system: Semester with choice based credit system.
6. Participation of the department in the courses offered by other departments: NIL
7. Courses in collaboration with other universities, industries, foreign institutions, etc.:
Department faculty also monitors the conduct of a M.Sc. in Dietetics & Food Service Management through Indira Gandhi Open University Study Centre
8. Details of courses/ programmes discontinued (if any) with reasons: NIL
9. Number of teaching posts: Unaided course. Faculty appointed by Management)
Full time Faculty (Approved by SNDTWU) = 3. CHB = 3

Teaching Posts	Sanctioned	Filled
CHB		3 (Unaided)

10. Faculty profile with name, qualification, designation, specialization (D.Sc./D.Litt./Ph.D. /M.Phil. etc.):

Name	Qualification	Designation	Specialization	No of Years of Experience	No. of M.Sc. Students Guided for last four years.
Dr. Rupali Sengupta	PhD	Coordinator & Full Time Faculty	Biological Science, NMIMS	9 years	M.Sc. (27)
Ms. Sneha Ambre	M.Sc.	Full Time Faculty	Clinical Nutrition & Dietetics,	10 months	-
Ms. Bhavisha Sancheti	M.Sc.	Full Time Faculty	Foods Nutrition and Dietetics,	1.2 years	-

11. List of senior visiting faculty: NIL
12. Percentage of lectures delivered and practical classes handled (program wise) by temporary faculty: 80%
13. Student-Teacher Ratio (programme wise): (1:10)
14. Number of academic support staff (technical) and administrative staff;



sanctioned and filled: Clerk: 1 /Support staff: 1

15. Qualifications of teaching faculty with DSc/D.Litt./Ph.D./MPhil/PG.

PhD- 1

M.Sc.- 5 (Please refer to Q.10)

Sr. No.	Teaching Faculty	Qualifications
1.	Dr. Rupali Sengupta	Ph.D.
2.	Ms. Sneha Ambre	M.Sc.
3.	Ms. Bhavisha Sancheti	M.Sc.

16. Number of faculty with ongoing projects from

a) National b) International funding agencies and grants received:

Collaborative projects with the following Industries, coordinate by Dr.

Rupali Sengupta:

Name of Company/ Agency	Funding	Year	Details	Status
PFNDIAI	-	2016-2017	Survey On Household Food Consumption With Emphasis On Processed Foods	On going
Easy to Eat Foods	Rs. 50,000/-	2016-2017	Microbial, Shelf Life And Nutritional Labeling Of Company's Product	On going
Pepsico India Ltd	Rs. 75,000/-	2016-2017	Awareness of Fruits And Vegetables On School Going Children	On going
Amulakh Amichand School	Rs 50000/-	2016-2017	Nutritional counseling to create awareness among parents & children about lifestyle disorders	Ongoing

Projects completed: 6 (2011 Onwards).

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL

18. Research Centre/facility recognized by the University: NIL

19. Publications:

a) Publication per faculty

Dr. Rupali Sengupta : 5 (Joint publications with students: 29)

Ms. Sneha Ambre: 2

Ms. Bhavisha Sancheti: 1

For details please refer to Annexure No. 13

- b) No of papers published in peer reviewed journals by faculty and students:-

Dr Rupali Sengupta: 5 (Co-Authored 29)

Ms. Senha Ambre: 2



Ms. Bhavisha Sancheti: 1

c) No of publications listed in International Database Scopus: Dr. Rupali Sengupta: Scopus – 4

d) Impact factor: Dr. Rupali Sengupta: 2

e) H-index: Dr. Rupali Sengupta: 1

f) i10 index: Dr. Rupali Sengupta: 1

20. Areas of consultancy and income generated: Collaborative Projects as mentioned in Q. 16

21. Faculty as members in a

a) National Committees

Dr. Rupali Sengupta: Local Executive Member and Life Member Association of Food Scientists & Technologists of India –

b) Editorial Boards: Dr Rupali Sengupta. Reviewer. Science Domain International Peer Review journal. Impact factor 31.9

22. Student projects

a) Percentage of students who have one in-house projects including interdepartmental/ programme - **100%**

b) Percentage of students placed for projects in organizations outside the institution: 100% in industry based projects

23. Awards/ Recognitions received by faculty

Year	Name	Name of the Award
2016	Ms. Bhavisha Sancheti	1 st Prize in Poster presentation entitled: “Neck circumference and waist : height ratio: a screening tool for metabolic syndrome” at Annual National Indian Dietetics Association Conference (IDACON).
2014	Ms. Sneha Ambre	1 st Prize in Oral Presentation on “Jowar Chivda” at International Institute of Food & Nutrition Sciences & Jawaharlal Nehru University, New Delhi

Students:

Year	Name	Name of the Award
2016	Avani Shah (M.Sc. CND II)	1 st Prize for Facebook competition at Annual National Indian Dietetics Association Conference (IDACON)
2016	Avani Shah & Ayushi Shah (M.Sc II).	2 nd Prize at Regional Yuva Mahaostva Debate in Gujarati
2016	Kajal Shah (M.Sc. 1 st year)	3 rd Prize for Table Tennis (intercollegiate level) held at Nashik

24. List of eminent academicians and scientists/visitors to the department



Name of Senior Faculty	Designation
Dr Ashok Bhagwat	Former Dean & Director Research- CB Patel Research Centre
Dr. Sharad Karmarkar	Former Director Research- CB Patel Research Centre
Ms. Salomee Benjamin	Former Chief Dietician Nair Hospital
Dr. Sulabha Parshuraman	Research Faculty-Tata Institute of Social Science
Dr. Neha Sanwalka	Director-Nutricanvas
Mrs. Rachita Dhotkar	Dietician- Bombay Port Trust
Ms. Anjali Nair	Former Chief Dietician- Tata Memorial Hospital
Sri Sudhir Kale	Research Faculty – Tata Institute of Social Science
Dr Rama Vaidya	Director Research of Medical Research Centre-Kasturba Hospital
Dr. Shobha Udupi	Former Director SNDT Women's University

25. Seminars/Conferences/Workshops organized & the source of funding a) National b) International
NIL

26. Student profile: Average for last four years

Name of the Course/ programme	Applications received	Selected	Enrolled		Pass %
			*M	*F	
M.Sc.- CND	37	31	NA	31	77%.

27. Diversity of Students (Average for last four years)

Name of the Course	%of students from the same state	%of students from other States	% of students from abroad
M.Sc. CND	95%	4%	1%

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? -

29. Student progression

Student progression	Against % enrolled
UG to PG	Not Applicable
PG to M.Phil.	-
PG to Ph.D.	4
Ph.D.to Post-Doctoral	-

Employed	70%
-----------------	-----



● Other than campus recruitment	
Entrepreneurship/Self-employment	10%

30. Details of Infrastructural facilities

- A well-stocked central library with facility of Infilbnet and online data bases
- 2 Class rooms with ICT facility. I Laptop, I LCD. Wi-fi facility
- 3 food labs, 1 Chemistry lab, 1 Microbiology

31. Number of students receiving financial assistance from college, university, government or other agencies :

Year	SMES	Government (SC/ST)	Government (Minority)	Total Amount (₹)
	No of Students	No of Students	No of Students	
2011-12	-	1	2	30,155
2012-13	1	1	-	26,580
2013-14	-	1	-	18,680
2014-15	4	-	-	15000
2015-16	5	2	1	1,76,210
Grand Total Amount				1,66,626

32. Details on student enrichment programs (special lectures/ workshops/ seminar) with external experts

Date	Name of Expert with Designation	Details of session
01.09.2012	Mrs. Salome Benjamin	Cholesterol & Diabetes with its Dietetics Aspects
01.09.2012	Dr. N.D Moulick	Physiology & Etiological Aspects of Diabetes mellitus
13.08.2012	Mr. Rajeev Goenka & Ms. Ruchira Tendolkar	Weight management
05.09.2012	Mrs. Anuradha Kulkarni	Obesity management
06.09.2012	Ms. Sonal Modi, Ms. Ankita Marwaha & Ms. Geetanjali Chitale	Diabetes & its Effects; physiological & etiological aspects of Obesity & its complications ; Bioelectrical impedance analysis (BIA)
13.07.2012	Mr. Rajeev Goenka & Ms. Ruchira Tendolkar	Body Fitness & weight management
08.09.2012	Dr J. J Lewis, Dr. Daniel, Ms. Shweta Shirke	Food Security, Healthy Beverages, Safety & Efficacy of Functional Foods
27.09.2012	Ms. Anuradha, Dr N.C Patel, Mr. Samiran	IPR. Collaboration between Academia & Government
05.10.2012	Dr. Madan	CVD its disorders & prevention
06.10.2012	Mrs. Salome Benjamin	Oil & its metabolic syndrome
09.03.2013	Dr. Sulabha Parshuraman	Research Methodology



02.09.2013	Dr. Uday Annapurne (Associate Professor-ICT Matunga)	Drive a Healthy Drive
02.09.2013	Dr. Prakash Kondekar (Naturopath)	Food & Herbal Drugs
28.08.2014	Dr. Niyati Parekh Professor & Scientist from New York University	Obesity & Cancer
02.09.2014	Ms. Ruby Shetty (Nutritionist at Marico)	Nutrition & Health
12.09.2014	Dr. H.B. Chandalia, DENMARC, Mumbai	Nutrigenomics Sciences
13.09.2014	Dr. Pooja Dewan, Consultant-, Gynaecology & Obstetrics Kokilaben Dhirubhai Ambani Hospital, Mumbai. Dr. Rama Vaidya Director-Medical research Centre-Kasturba Hospital	Reproductive Medicine & IVF
13.09.2014	Dr. Snigdha Mehta, Management of Obese Women during Pregnancy – Physical Activity and Exercise	Maternal Obesity and Pregnancy Outcome.
13.09.2014	Dr. S.A. Udupi, Former Director SNDT University	Antenatal and Postnatal Nutrition
07.09.2015	Dr. Latika Chawla, Nutritionist from Nair Hospital	Adolescent Nutrition Status & its outcome
07.09.2015	Ms. Shilpa Joshi Dietician, Nutritionist Freelancer	Key Nutrients in foetal Development
08.03.2016	Mrs. Purabi Mahajan - Dietician – Tata Memorial Hospital	Weight management in cancer patients.
08.03.2016	Dr. Shweta Rastogi – Gurunank hospital, Bandra	Benefits of whole grains
08.03.2016	Ms. Lata Ranjan – k11 Fitness Academy	Assessment of body composition
03.08.2016	Dr. Mitranvada Savanur and Dr. Anamika Banerjee	NET/ SET/ GATE Examination preparations.
27.09.2016	Ms. Doris Rittenschober	Food Composition Data Analysis Technique

33. Teaching methods adopted to improve student learning

Subjects	Teaching methods	Learning styles
Medical Nutrition Therapy (Practical)	Case studies Hospital visits	Collaborative and analytical learning
Food Product Development	Demonstrations Experiments	Research skills Independent learning
Research writing skill	Research paper writing	Scientific temper/ cooperative learning



Public Health Nutrition	Awareness and assessment through demonstration and community talk	Creative learning, communication skills
Nutrition in sport and exercise	Demonstration	Experimental Analytical thinking

Use of Information and Communication Technology tools such as Slide share You-tube, Infilbnet and Animoto

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Students have participated in Intergenerational Interaction project with NGO THRED wherein students interacted with the senior citizens.

35. SWOC analysis of the department and Future plans:

STRENGTHS

- Collaborative projects with industries and professional bodies such as (IDA, AFSTI, PFNDAI & NSI)
- Research and innovation through Food Product Development
- Institutional Ethical Committee under the aegis of ICMR
- Incubation Cell (Gyan Guru)

OPPORTUNITIES

- Establish a research centre

WEAKNESS

- Univ. curriculum restricts internship placement only for 2 months

CHALLENGES

- Keeping pace with fast developing field of clinical knowledge

FUTURE PLANS

- Exploring more nutritional consultancies
- To establish an institutional research centre



Department of Food Science and Nutrition

(4)

1. Name of the department: Food Science and Nutrition
2. Year of Establishment: 2005-06
3. Names of Program: Post Graduate Diploma in Sport Science Fitness and Nutrition
4. Names of Interdisciplinary courses and the departments/units involved:
Nil
5. Annual/semester/choice based credit system : Semester
6. Participation of the department in the courses offered by other departments- NIL
7. Courses in collaboration with other universities, industries, foreign institutions, etc. – Nil
8. Details of courses/programmes discontinued (if any) with reasons – NIL
9. Number of Teaching posts : Consolidated Salary (2) CHB (6)
10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. / Ph.D./M.Phil. Etc.,)

Name	Qualifications	Designation Prof/Ass Prof Assit Prof/ Lecturer etc.	No of Years of Experience
Mrs. Anuradha Shekhar	M.Sc. M.Phil. in FSN	Associate Professor	25 years
Ms. Bhavisha Sancheti	M.Sc., Net cleared	Lecturer Full Time	2 years
Ms.Nidhi Dattani	M.Sc. In FRM (Ergonomics)	Assistant Lecturer	6 years
Ms.Monal Velangi	M.Sc. Pursuing Ph.D.	CHB	3 years
Dr. Wricha Sharma	M.Sc., PhD	CHB	2 years
Ms.Sheetal Somaiya	M.Sc.	CHB	3 years
Dr. Geetanjali	Ph.D.	CHB	10 years
Ms. Sneha Ambre	M.Sc. CND	CHB	Fresher

11. List of senior visiting faculty: Mrs. Anuradha Shekhar
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: **100%**
13. Student-Teacher Ratio (programme wise) : **1:1**
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Administrative staff 1 and Technical Support 1
15. Qualifications of teaching faculty with DSc/D.Litt. /Ph.D. /MPhil/PG.:

Sr. No.	Teaching Faculty	Qualifications
1.	Mrs. Anuradha Shekhar	M.Phil.
2.	Ms. Bhavisha Sancheti	M.Sc.
3.	Ms Nidhi Dattani	M.Sc.



4.	Ms Monal Velangi	M.Sc.
5.	Dr. Wricha Sharma	PhD
6.	Ms Heetal Somaiya	M.Sc.
7.	Dr. Geetanjali	Ph.D.
8.	Ms. Sneha Ambre	M.Sc.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: **Nil**
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: **Nil**
18. Research Centre/facility recognized by the University: **Nil**
19. a) Publication per faculty

Year	Name of the faculty	No. of Publication
2013-2014	Mrs. Anuradha Shekhar	2
2015-2016	Mrs. Anuradha Shekhar	3
	Ms. Sneha Ambre	2
	Ms. Bhavisha Sancheti	3

For details please refer to Q19 under the B.Sc. in Food Science and Nutrition and M.Sc. CND reports

20. Areas of consultancy and income generated

Name of Faculty involved	Details of Consultancy	Collaborating Agency	Amount Generated
Mrs. Anuradha Shekhar	Consultancy regarding Postgraduate courses (2012-2013)	Royal college, Borivalli	Nil

21. Faculty as members in
a) National committees b) International Committees c) Editorial Boards: **NIL**

22. Student projects: **NIL**
a) Percentage of students who have done in-house projects including interdepartmental/ programme: **100% - all students complete in-house projects**
b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies - **NIL**

23. Awards/Recognitions received by faculty and students

Name of Student	Details of Award/Recognition
2013-2015	
Ms. Dhruvi Malde	Prize for recipes during nutrition week celebrations
2014-2015	
Ms. Khsitee Godse	Third Prize for solo singing at Regional Yuva Mahotsav and Consolation Prize for group Singing and consolation prize at zonal Yuva Mahotsav of SNDTWU



2015-2016	
Ms. Rukhsar Khan	Second Prize for Innovative Recipes on Women's Day Celebrations

- 4 students appeared in the SNTDWU merit list in 2011-2012.

24. List of eminent academicians and scientists/visitors to the department
Refer to Food Science and Nutrition and M.Sc. reports
25. Seminars/Conferences/Workshops organized & the source of funding:
Nil
a) National b) International

26. Student profile programme/course wise: Average for four years

Name of the Course/ programme	Applications received	Selected	Enrolled		Pass %
			*M	*F	
P.G Diploma in Sports Science Nutrition and Fitness	11	9		9	100%

27. Diversity of Students : Average for last four years

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
Post Graduate Diploma in Sport Science Fitness and Nutrition	90%	10%	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? Gate – 3 Net - 1

29. Student progression

Student progression	Against % enrolled
UG to PG	NA
PG to M.Phil.	NIL
PG to Ph.D.	NA
Employed • Campus selection • Other than campus recruitment	80%
Entrepreneurship/ Self-employment	10%

30. Details of Infrastructural facilities

- Central library facilities with access to internet and online data bases
- Internet facilities for Staff & Students. Access to Wi-fi. 1 Laptop, 1 LCD shared by the Dept.
- 2 Classrooms



- d) 3 Cooking Labs, 1 Gym, anthropometric kit, body composition analyzer, skin fold calipers
31. Number of students receiving financial assistance from college, university, government or other agencies- Nil
32. Details on student enrichment programmes (special lectures/ workshops/seminar) with external experts

Date	Name of Expert with Designation	Details of session
14.07.2012	Dr. Ruchira Tandolkar Director BFY	Strength of a women
15.12.2012	Dr. Rauf Iqbal	Somatotyping, Skin Fold Assessment, Muscle Mass, Bone Mass and Body Density
19.12.2012	Salome Benjamin	Good Nutrition and Quality of Milk, Issues and Solutions.
16.09.2014	Mr. Jayesh from Positive Dynamics	Demonstration of body composition analyzer
10.08.2015	National Stakeholder's Consultation on Food Fortification.	Drive Against Malnutrition
26.08.2015	Nutrition week Celebrations	AFSTI Mumbai Chapter and BMN college
20.02.2016	Nirmala Niketan	Dietetics, the Vision Ahead

33. Teaching methods adopted to improve student learning
- Teaching methods adopted in teaching sports related subjects like exercise physiology sports nutrition involve discussions, role plays, Demonstrations, Slide shares , Youtube
 - Seminar and Student presentations involve debates, projects participatory, problem solving , experiential, exploratory, independent learning and ICT enabled learning
 - Blended learning and Flipped Learning are also being used in some subjects.
34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Date	Nature of Activity	Collaborating organization
Feb 2013	Diabetes Control programme	MCGM [Municipal Corporation of Greater Mumbai], GS and KEM Medical Hospitals
26.03.2015	Recipe demonstrations for mothers of children under five, and Nutrition Education Program	LTMG Hospital



26.03.2014	Nutrition related awareness workshops for mothers of children under five.	Sion Hospital [Chota] Dharavi
22.12.2015	Demonstration of Low cost recipes	LTMG hospital

35. SWOC analysis

Strengths

- Student-teacher ratio
- Open door policy
- Teachers approachability & guidance
- Skill oriented course
- Entrepreneurial skills development

Weakness

- Research Component in the Course.
- Campus placements are difficult

Opportunities

- Participation in National & International Conferences
- AFST(I) activities – Marico projects, Collaborative projects PG courses offered in the same campus

Challenges

- Other institutions opening similar courses of shorter duration

Future Plans

- To start online courses
- To establish connections with various sports professional bodies
- To initiate sports related consultancy services



Department of Computer Applications

1. Name of the department : Smt. K. G. Shah Department of Computer Applications
2. Year of Establishment: June 2001
3. Names of Programmes/ Courses offered: Bachelor of Computer Applications
4. Names of Interdisciplinary courses and the departments/ units involved: Personality Development and Soft Skills value added course is conducted by faculty from English
5. Annual/semester/choice based credit system (programme wise): Semester
6. Participation of the department in the courses offered by other departments : 100 hours of Basics in Computers for students from B.Sc section is conducted by Faculty from BCA
7. Courses in collaboration with other universities, industries, foreign institutions, etc.:

The Department assists with the monitoring of MCA introduced through IGNOU from Jan 2012.

8. Details of courses/ programmes discontinued (if any) with reasons: NIL

Number of Teaching posts

Teaching Posts	Sanctioned	Filled
Asst. Professors	-	12

10. Faculty profile with name, qualification, designation, specialization, (D.Sc. / D.Litt./ Ph.D. / M.Phil. etc.)

Name	Qualification	Designation	Specialization	No. of Years of Experience
Mr. Shahajahan Khan	M.C.A., M.Com. MDSE M.Phil. (pursuing)	Programme Coordinator	Computer Applications	20 Years
Ms. Kavita Karapurkar	M.Sc. , M.Phil.- Mathematics	Assistant Professor	Mathematics	14 years
Mr. Abdul Rahman	MCA, D.C.S.C.	Assistant Professor	Computer Applications	10 years
Ms. Manjot Kaur Saini	M.Sc. Computer Science	Assistant Professor	Computer Science	9 years
Ms. Neetu Singhi	M.C.I.M. Enrolled for M.Phil.	Assistant Professor	Computer Applications	9 years
Mr. Nitin Pawar	M.Sc. Computer Science	Assistant Professor	Computer Science	9 years



Ms. Milina Pereira	M.A, M.Phil. Eng. Literature	Assistant Professor	English	8 years
Ms. Sharada Sirisilla	MCA	Assistant Professor	Computer Applications	7 years
Ms. Sudha Lawrence	M.Sc. Computer Science	Assistant Professor	Computer Science	6 years
Ms. Shilpa Surulkar	MCA	Assistant Professor	Computer Applications	6 years
Ms. Snehal Deshmukh	MCA	Assistant Professor	Computer Applications	1 year
Ms. Najmunissa Shaikh	M.Com, M.Phil., Commerce	Assistant Professor	Accountancy	6 years and 4 months

11. List of senior visiting faculty: Mrs. Usha Kumar (M.A. English, B.Ed) for conducting personality development and soft skills classes for last 14 years.
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : 27.7%
13. Student-Teacher Ratio (programme wise): 19:1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : unaided
Administrative : 1 Peon : 1 Lab attendant: 1 Technical Assistant: 2
15. Qualifications of teaching faculty with DSC/ D.Litt. / Ph.D. / MPhil/ PG.

Sr. No.	Teaching Faculty	Qualifications
1.	Ms. Kavita Karapurkar	M. Phil
2.	Ms. Milina Pereira	M. Phil.
3.	Ms. Najmunissa Shaikh	M. Phil.

16. Number of faculty with ongoing projects from a) National
b) International funding agencies and grants received: **NIL**
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc.
and total grants received: **NIL**
18. Research Centre/ facility recognized by the University: **NIL**
19. Publications:
 - a) Publication per faculty: Total Publication 12
Conference Proceeding: 8
Edited Book: 1
Peer Reviewed Journal: 3

For details please refer to Annexure No. 9



20. Areas of consultancy and income generated
Total Income generated through IGNOU is Rs. 1302570 (2011-2016)
21. Faculty as members in
a) National committees b) International Committees c) Editorial Boards
22. Student projects
a) Percentage of students who have done in-house projects including interdepartmental/ programme: 100%
b) Percentage of students placed for projects in organizations outside the institution: 100% as a part of the curriculum all the students work on projects
23. Awards/ Recognitions received by faculty and students

Faculty

Year	Name	Name of the Award
2012-2013	8 team members	1 st Prize at The “Best Educational Quality Enhancement Team” competition conducted by NCQM
2014-2015	Mr. Shahajahan Khan	Appreciation certificate from Lions Club, Sion for his dedicated service in the field of education.
	7 team members	3 rd Prize, “Best Educational Quality Enhancement Team” competition conducted by NCQM
	3 team members	1 st prize, paper presentation at IIBM, Navi Mumbai
2015-2016	6 team members	National level Silver Award at D.L. Shah Quality Award by the Quality Council of India
	Mr. Shahajahan Khan	Teaching Excellence Award 2015 from Lions Club International
	9 team members	2 nd prize, “Best Educational Quality Enhancement Team” competition conducted by NCQM
	Mr. Abdul Rahman and Mr Nitin Pawar	2 nd prize. Quiz Competition at SNDT Women’s University

Students :

Year	Name	Name of the Award
2012-13	Ms. Shah Ashmi Paresh, Ms. Sharma Manasi Arun, Ms. Parte Bharti Ashok, Ms. Gawde Kaveri Pundlik, Ms. Suvarna Ramya Raghava, Ms. Chiplunkar Bhupali Madhusudan	SNDT Women’s University Merit Rank holders



2013-14	Ms. Ashana Jha and Ms. Niddhi Jaiswal (FYBCA)	Felicitated with an Excellence Performance Certificate for participating in the “All India Essay Writing Event 2013” organized by Shri Ramchandra Mission in Collaboration with the United Nation Information Center for India and Bhutan on 19th January, 2014
2014-15	Ms. Sneha Kashid, Ms. Bhakti Khutale and Ms. Akshata Pote	1 st prize in inter-collegiate documentary competition at K.G. Joshi College of Arts and N.G. Bedekar College of Commerce, Thane by 'Women Development Cell'
	Ms. Sayli Jadhav	University Merit Rank holder
	Ms. Prakashini Gopi and Ms. Nidhi Ahuja	Excellent Performance” Certificates for participating in the ‘All India Essay writing Competition 2014’ organized by Shri Ramchandra Mission in collaboration with United Nations Information Centre for India and Bhutan (UNIC) on 5 th January, 2015.
	Ms. Yasmeen Sayed (SYBCA)	1 st Prize in Modified Recipes
2015-16	Ms. Harshali Belekar	Volunteer appreciation certificate for Cultural Dance & Stunts Programme organized by Central Reserve Police Force Group Centre, Pune
	Ms. Deepti Kotiyan	5 th Rank at Campus Corporate Ace 2015, a National Contest for UG & PG students
	Ms. Prakashini Gopi, Ms. Divya Waghela & Ms. Pallavi Mohite	Shortlisted at Campus Corporate Ace 2015, a National Contest for UG & PG students
	Ms. Niddhi Jaiswal (TYBCA) & Ms. Rosbeen Menon (SYBCA)	Appreciation certificates at All India Essay Writing Event 2015 organized by Shri Ram Chandra Mission (SRCM) in collaboration with UNIC for India & Bhutan
	Ms. Prakashini Gopi	3 rd prize in Essay writing competition organized by Mani Bhavan Gandhi Sangrahalaya
	Ms. Prakashini Gopi (TYBCA)	Elocution competition on the occasion of Youth Week Celebration organized by Dr. B.M.N College of Home Science.
	Ms. Simran Madhok and Ms. Saipriyanka Susarla	2 nd prize in Student Research Presentation Competition organized by Dr. BMN College Research committee

24. List of eminent academicians and scientists/ visitors to the department

Name of the Speaker	Designation
Mr. Sudhir Nair	Managing Director, E-Resource
Mr. Veeramani Chelladurai	Project Manager IT, HDFC
Mr. Jegadish Muthupandi	Deputy Manager IT, HDFC



Mr. Amritraj Nadar	Senior Software Engineer, HDFC IT
Ms. Krutika Shah	Director - Implementations & Conversions GlobeOp Financial Services
Ms. Mini Harinarayan	Asst. General Manager , Datamatics
Mr. Rajesh Maurya	IT Consultant and Associate Professor NMITD
Ms. Sonali Mallik	Professor, PG Department of Computer Science, Juhu
Mr. Romil Holkar	Software Engineer, Accenture Service Ltd
Mr. Shomeer Puri	IT Manager, NABARD
Mr. Veeramanikandan	IT Manager, HDFC Bank
Mr. Saravanan	Deputy Manager, HDFC Bank
Ms. Rukmani Krishnamurthi	Chairman & CEO Helik Advisory Ltd
Ms. Swapna Mhatre	Senior IT Application Trainee
Ms. Sumitra Gadhvi	Senior, Lead Oracle
Ms. Smita S. Borhade	Senior Lecturer, Srinivas College
Mr. Marshal Peter Raja	Asst. Manager, HDFC Bank
Mr. Ashish Shrivastava	Vice President, Reliance IT
Mr. Priyank Bhayani	Manager, Cape Gemini
Mr. Umeshchand Thakur	Consultant, Polaris Software Lab
Mr. Anand Shah	Consultant, Cape Gemini
Ms. Ashmi Shah	DBA ORACLE, Wipro
Shri. Sankar Ghosh	Director Technology Solution, Architecture Accenture
Shri. Nanasahab Shendkar	Chairman, AAARTIST Group of Companies (an Environmentalist)
Mr. Navin Reddy	Founder of Telusco
Adv. Prosper D'Souza,	Arbitrator High Court
Smt. Sunita Bhaskaran	Head - Oracle Practice – Global Delivery Centre ATOS India Pvt. Ltd., Mumbai, India.

25. Seminars/ Conferences/ Workshops organized & the source of funding a) National b) International

Organized an UGC Sponsored 2 Day State level Seminar on “e-crime & e-security” in association with The Eagle Eye – An Information Security Advisory on 20th and 21st January, 2012.

26. Student profile programme/ course wise: (Average for Last 4 Years)

Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
BCA	145	107	-	25-29	84.25%

27. Diversity of Students (Average for last four years)

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
BCA	99%	0.5 %	0.5 %



28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? **NIL**

29. Student progression

On an average for past five years (2011-16)

Student progression	Against % enrolled
UG to PG	15%
Employed	
Campus selection	24%
Other than campus recruitment	17%
Entrepreneurship/Self-employment	8%

30. Details of Infrastructural facilities

- Library: Well equipped central library
- Internet facilities : Wi-Fi facility. Laptops, 2 Netbook, 5 Projectors, 1 I- pad, 1 Wireless Presentation System, Interactive Panel, 1 SMART board, 2 LCD screens, 13 CCTVs.
- 5 Classrooms and 1 SMART Classroom, 1 Conference Room
- 5 wired network enabled, Air conditioned software computer labs with 132 computers, 7 printers , 1 Hardware lab, and 1 internet lab

31. Number of students receiving financial assistance from college, university, government or other agencies

Year	SMES	Government (SC/ST)	Government (Minority)	Total Amount (₹)
	No of Students	No of Students	No of Students	
2011-12	38	3	8	2,43,755
2012-13	40	14	2	4,41,370
2013-14	21	15	3	5,76,570
2014-15	49	27	1	9,23,295
2015-16	38	42	-	12,96,445

32. Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts

Date	Name of Expert	Details
05.09.2011-08.09.2011	Ms. Mayura, Putambekar, Coordinator, Lifessentia	‘Value Education’. Topics covered were ‘Responsibilities and Duties’, ‘Respect’ & ‘Time Management’.
17.02.2012	Mr. Nilesh & Mr. Sachin Gore, C-DAC (Met)	‘Courses Available After BCA’
05.07.2012	Ms. Aditi Huddar, College Counselor	‘Human Behavior’
20.07.2012	Mrs. Sangeeta Jatia, Lions club Kolkata	‘Attitude Determines our Altitude’



28.07.2012	Mrs. Chetana Ajmera	'Sex Education'to Create Awareness of Birth Control'on the occasion on world population day.
16.08. 2012	Ms. Reshma Siddhaye	'Breast Feeding'to create awareness on the occasion of Breast Feeding Week
24.08.2012 25.08.2012	Mrs. Seethalakshmi Lecturer. S.N.D.T. Ghatkopar	'Value Education among students' Organized by N.S.S. unit
12.07. 2013	Ms. Neha Tamhane, College Counselor	'Team Building'
28.08.2013	Adv. Pankit Shah and Adv. Rupali Shinde	'Cyber Law and Anti Ragging'
28.08.2013	Mr. Sachin Gore from MET C-DAC	'Career Options after BCA'
04.09. 2013	Mr. Shrikant Kanetkar, President Adipath Foundation and Research Center	'Women's Empowerment'
16.01.2014- 17.01.2014	Conscript HR Consultants	Workshop on "Team Management" & "Project Management"
24.01.2014	Mr. Shreyans Kanvinde	'Entrepreneurship'
10.02.2014	Ms. Prema Yadav	'Career Opportunities after BCA'
03.07.2014	Ms. Neha Tamhane, College Counselor	"Team Work "
04.07.2014	Ms. Jyotika Chitre, Beauty Culture and Hair Dressing	'Personal Grooming'
04.07.2014	Ms. Namrata Chopdekar, Nursing Department	'Health is Wealth'
10.07.2014- 11.07.2014	Ms. NehaTamhane, College Counselor	'Friendship & Unity" and "Being Optimistic'
01.08.2014	Mr. Santosh Panigrahi. (Social Worker)	Workshop on 'How to write effective script and perform well in street play'
20.08.2014	Mr. Jignesh Sanghvi	Workshop on 'Attitude, Gratitude and Anger Management'
22.09.2014	Ms. Ankita and Ms. Vaishali from Avanti Foundation	Workshop leadership quality in students
13.07.2015	Mr. Vikram, SEED Infotech	Workshop on Java
23.07.2015- 24.07.2015	Ms. Seema Pujara, SEED Infotech	Seminar and workshop on 'Software Testing'
25.07.2015	The Lakshya Team, Chembur	Seminar on 'One thought can change your life'



08.08.2015	Mr. Sandip Dasgupta	Lecture on 'Corporate Employability from Campus to Corporate'
20.08.2015	Mr. Preetesh Shettigar, SEED Infotech	Seminar on 'Project Guidance'
28.08.2015	Ms. Seema Pujare, SEED Infotech	Workshop on 'Software Testing'
15.09.2015	Mr. Kishan Gandhi, Web Designer and Developer, Synergy Intellections Pvt. Ltd.	Lecture on 'Designing Websites for Industries. Corporate Level'
04.09.2015	SEED Infotech.	Workshop on 'Java versus .Net'
28.09.2015	The British Council Library	Conducted 'APTIS'(free of cost) aptitude examination. The test was to observe and study their listening, writing, reading, speaking and communication skills.
29.09.2015	Mr. Vilas Paskanti, Software Engineer, Interactive Brokers Ltd.	Guest Lecture on 'Java Programming'
17.12.2015	Mr. Mohd. Raza, Team Member, Yolo Technologies	Seminar on 'Campus to Corporate'
03.02.2016	Mr. Manish, SEED Infotech	Guest lecture was organized on 'Easy Tricks of Mathematic Calculations'
13.02.2016	NIIT, Mumbai.	National Level Aptitude test
17.02.2016	Mr. Navin Reddy, Founder of Telescope conducted a.	Workshop on 'How to develop a Website using Open shift Server'
10.03.2016 12.03.2016	Mr. Navin Reddy, Founder of Telusco	Lecture series on 'Apache TOMCAT Server'
18.03.2016	Advocate Prosper D'Souza, Arbitrator – High Court	Session on 'Intellectual Property Rights'
18.03.2016	Ms. Deepali Bhide, HOD Dept. Of Geography – Ruparel College	Session on 'Environmental Studies'
19.03.2016	Mr. Navin Reddy, Founder of Telusco	Session on 'Career Opportunities after BCA'

33. Teaching methods adopted to improve student learning

- ICT techniques like Engrade, Animoto, Slideshare, Youtube, e-pathshala, use of Application Programming Interfaces like Oracleapex.com and use of websites like w3schools.com is a regular feature in the teaching learning process.
- 5% of syllabus taught by Industry Experts.



- Remedial classes in English includes exercises related to comprehension skills, effective letter writing, book reviews, report writing interpersonal communication, presentation strategies and resume writing.
- Use of mobile applications and you tube videos for enhancing teaching.
- Staff developed lab manuals are actively used by the students.
- Students visit organizations to study their ERP and MIS, analyse and suggest ways to improve the working of the companies.
- Bridge course in Maths includes quiz, easy tricks for calculations and Vedic math techniques.
- Group Discussions and Extempore are conducted/Group Discussions on Book Reviews

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Date	Nature of Activity
15.08.2015 & 26.01.2016	Collection of Flags scattered on the ground after Independence day and Republic day events
09.01.2014 & 11.12.2015 & 12.12.2015 & 08.01.2016	Collection of E-Waste in Collaboration with Recycle Karo Pvt. Ltd.
Nov.2015 - April 2016	Inter generational Interaction in collaboration with NGO THRED

35. SWOC analysis of the department and Future plans

Strengths

- Decentralized authority given to Program coordinator.
- Qualified and dedicated Staff with sense of commitment to department
- State of Art Computer Labs and SMART Classrooms with Latest Technology
- Active participation in quality projects like D. L. Shah and BEQET
- Enhanced Research Paper presentations and publications.
- Intercollegiate Tech fest 'Tekzone'
- Aptitude training for students in collaboration with SEED Infotech.
- 5% syllabus by industry experts.
- Lab Manuals designed by staff members.
- Faculty involved in developing software and website of the college.
- Value Added courses in latest technologies offered by the department.
- BCA Alumnae as assets to the institute/Department.

Weakness

- Restricted by university syllabus. Lack of flexibility
- Unable to introduce Masters programs in computers on campus due to demand for a separate building from AICTE

Challenges

- 100% Placements.
- Recruiting faculty due to higher packages in corporates

Opportunities

- Faculty Qualification Up gradation
- Faculty research projects



Future Plans:

- Online course/Industry sponsored courses and job oriented online courses like 6sigma, data mining, introduction to cloud computing by www.alison.com.
- Short term courses like Post Graduate Diploma in Information Security (PGDIS) from IGNOU, Ethical Hacking and Internet Security(EHITS) and Vulnerability Assessment and Penetration Testing(VAPT) from Skynet Security in collaboration with Maharashtra Government .



Foundation courses

Core subjects offered to all students of B.Sc in Home Science

- Names of Subjects Taught : English, Applied Science, Physiology and Environmental Studies
- Names of Interdisciplinary courses and the departments/units involved:
As Home Science is an interdisciplinary course, students study core subjects in the 1st, 2nd and 3rd semesters of the program. These include foundation course subjects of English, Environmental Studies, Applied Science and Physiology.
- Annual/ semester/choice based credit system : Semester
- Participation of the department in the courses offered by other departments:
 - English faculty take lectures in Personality development (SY) and soft skills (TY)
 - Science faculty takes lectures in Textiles Chemistry for students of TSAD, and Biochemistry for students of FSN
 - English Faculty is also coordinator of UGC recognized Gandhian Studies Centre
- Courses in collaboration with other universities, industries, foreign institutions:
 - Coordinating short certificate course in “Research as Pedagogy, Advocacy and Transformation” in collaboration with PUKAR (Partners for Urban Knowledge Action and Research) offered to students of FY ND
- Details of courses/programmes discontinued: NIL

7. Number of Teaching Posts:

Post	Sanctioned	Filled
Professor	1	1
Asst. Professor	2	2

8. Faculty Profile

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD Students guided
Prof. Mala Pandurang	M.A PhD	Professor/Vice Principal	English	22 years	4 guided. 2 on going
Ms. Padmaja Biwalkar	M.Sc.	Assistant Professor	Chemistry	25 years	Nil



Mrs. Amruta Sapre	M.Sc.	Assistant Professor	Bio Chemistry	3 years	Nil
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9. No of senior visiting faculty : NIL
10. Percentage of lectures delivered and practical classes handled programme wise) by temporary faculty : NIL
11. Student -Teacher Ratio (programme wise): 55: 1 (Theory class for all students) 8:1 (Tutorial/practical batches)
12. Number of academic support staff (technical) and administrative staff; sanctioned and filled : Shared support staff and administrative staff
13. Qualifications of teaching faculty with DSc/ D.Litt/ PhD/ MPhil / PG.

Sr. No.	Teaching Faculty	Qualifications
1.	Prof. Mala Pandurang	Ph.D.
2.	Ms Padmaja Biwalkar	M.Sc.
3.	Mrs. Amruta Sapre	M.Sc.

14. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received :-

International:

- In-UK Research Grant from the Charles Wallace Foundation in 2012 for research at the British Library, London.
- Short term research grant from the Alexander von Humboldt Foundation (Bonn, Germany) for short research visits to Universities of Potsdam (May 2011) and Chemnitz (May 2016)

15. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received –
 - UGC Major research grant: 1 (Dr. Mala Pandurang for ` 6,540, 000)
 - UGC Travel grant : 1 (Dr. Mala Pandurang for ` 60, 000)
 - Gandhian Studies Centre research project from UGC: 1 (Dr. Mala Pandurang for ` 70, 000)

16. Research Centre /facility recognized by the University – NIL

17. Publications: (2011-2016)

Prof Mala Pandurang:

- No of articles in indexed journals: 10
- No of books: 7
- No of chapters in books: 15
- Scopus: 5
- Citations: 145
- h-index: 7
- i-index: 3

For details please refer to Annexure No 13

18. Areas of consultancy and income generated -

- Consultancy given to PUKAR on enhancing undergraduate 'Youth Fellowship program'



- Consultancy given to IQAC of Smt. Maniben Nanavati College of Arts and Commerce (Mumbai) during their NAAC reaccreditation cycle

19. Faculty as members

International committees :

- External evaluator of Post-doctoral fellowship applicants to BEIPD-COFUND, University of Liege, Belgium
- Evaluator of Post-doctoral Research Grants, South African National Research Foundation

National Level:

- National Expert on BOS of English Studies, Central University, Jharkand (Ranchi)

Journals

- Review Editor. *Journal of South Asian Diaspora* (Routledge, U.K.)
Print ISSN: 1943-8192/Online ISSN 1943-8184
- Editorial Advisor. *Indian Journal of World Literature and Culture*.
ISSN 2229-7251
- Editorial Advisor. *The Newsletter of the UGC Program on Capacity Building for Women Managers in Higher Education* (2011-2014)

20. Student projects – 100% of students do in- house projects

21. Awards / Recognitions received by faculty:

Year	Awards/ Recognition Received by Prof. Mala Pandurang
11.03. 2014.	Received the SNDT Women's University 'Maharshi Karve Utkrushta Shikshak Puraskar'(Best Teacher Award) for 2013-2014 from the Governor of Maharashtra Shri Sankaranarayanan.

Awards received by Students:

Name of Student	Details
Ms. Divinity Malshe	Consolation in Essay Writing (English) at Regional level Yuva Mahotsav. Sept. 2012
Ms. Ameena Panvelwala and Ms. Aditi M. Redis	2 nd and 3 rd prize respectively in 'Annual Inter Collegiate Essay Writing competition' organized by Ramakrishna Mission. Jan 2014
Ms. Zainab Panvelwalla	2nd prize in poetry recitation , as well as in creative writing in the annual inter-collegiate literary festival as part of the college festival 'Samanvay' of Ruia college. Jan. 2014
Ms. Niddhi Jaiswal	Certificate of special mention. "All India Essay Writing Event 2013" organized by Shri Ramchandra Mission in Collaboration with the United Nation Information Center for India and Bhutan



Ms Tejaswini Gaikwad	Certificate of special mention for her submission for workshop on `Empowering the Youth as citizen journalists`organized by the American Consulate
Ms. Nidhi Ahuja	Felicitated with an Excellence Performance Certificate for participating in the `All India Essay writing Competition 2014`organized by Shri Ramchandra Mission in collaboration with United Nations Information Centre for India and Bhutan (UNIC)
Neelam Putta	2 nd prize. Inter collegiate debate on Feminity vs masculinity, organised by Young Women's Christian Association of Bombay. Jan 2015
Ms. Bhisale Gauri	2 nd Prize in Essay Writing (English) at Yuva. Sept. 2015
Ms Niddhi Ahuja and Ms Rachita Shetty	Appreciation Certificates .All India Essay Writing Event 2015 organized by Shri Ram Chandra Mission (SRCM) in collaboration with United Nations Information Centre (UNIC) for India for India & Bhutan

22. List of Eminent academicians and scientists / visitors to the department

Name of the visitor	Designation
Mrs. Archana Patki,	Vice Principal, Smt MMP Shah college of Arts and Commerce
Dr. Anita Patil Deshmukh	Director, PUKAR
Dr. Gayatri Gadgil	HOD English,Ruparel College, Mumbai
Dr Monica Khanna.	Faculty. Indira Institute of Management Studies
Ms Surya Balakrishnan	Creative Director.
Dr. Anjalai Bhelande, .	HOD of English, Ruia college, Matunga
Dr Anita Rane Kothari,	HOD, History. St Xavier's College
Ms Seema Mankoo Grewal	Phonetics trainer and Alumnae
Ms Rashmi George	Faculty, English. St Xavier's College
Dr. Jayashree Palit	HOD, English. Maniben Nanavati College of Art and Commerce
Dr. Preeti Shiroadkar	Faculty, Communication and Soft Skills, MET Institute of Management)
Ms. Kirti Nahare, Lecturer,	Faculty, English. SIWS College
Dr. Baisaki Dutta,	Asso. Prof. in Geography, Junjuwalla College
Ms. Hamsa Iyer	Ms. Hamsa Iyer from Observer Research Foundation
Ms. Aditi Muralidar	Scientific Officer, Homi Bhabha Science Centre.

23. Seminars/ Conferences/Workshops organized & the source of funding



Coordinator seminar on “Gandhiji in Everyday Life” organised by UGC recognized Gandhian Studies Centre in 2013.

24. Student profile: Average for last four years

Name of Course / programme	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
Foundation Course	158	148	NA		-

25. Diversity of Students: Average for last four years

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
FY B.Sc	97.3%	2.7%	-

26. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. :Not applicable

27. Student progression : Not applicable

28. Details of Infrastructural facilities

- Library : Central library facilities with access to internet and online data bases .
- Internet facilities for Staff & Students: 1 Classrooms on the 3rd floor . Access to 2 SMART classrooms (1 basic and 4 advanced). 1 Laptop, 1 LCD
- Science Department: Instruments available in Labs:
Microscopes, Colorimeters, Waterbath, Weighing balances, Incubator
Hot air oven, Muffle Furnace

29. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts :-

Date	Name of Expert with Designation	Details of session
03.08.2011	-	Screening of documentary on Human rights
13.01. 2012	Program by Mumbai Police	“ Jagrut Mumbaikar Abhiyan”
21.01. 2012	Mrs. Archana Patki, Vice Principal (Smt MMP Shah college of Arts and Commerce)	Interactive session conducted on “Aspirations of a housewife”
28.01.2012	Ms. Aditi Hoskar	Interactive session conducted on “Stress and sharing”
28.02.2012	Screening of film	“My name is Kalam” followed by discussion
01.02.2012.	Screening of film	Screening of film “Blue Umbrella” based on book by



		Ruskin Bond, followed by discussion
20 to 24 th March 2012	Pomegranate Edu. workshops Pvt. Ltd	Workshop on Creative Thinking in English
22.03.2012	Mrs. Gayatri Gadgil, HOD English, Ruparel College, Mumbai	Workshop on Creative Writing in English
31.03.2012	Mrs. Honey Thakkar,	Workshop on English through Music and song,
21.09.2012.	Mrs R. Anuradha Faculty, Department of Resource Management	'Importance of Etiquette'
03.10.2012-10.10. 2012	Ms Neha Tamhane, College counselor	Workshops organized for all seven batches on self-esteem
11.10.2012		Performance of one-act play enacted by students
27.02. 2013.	Dr Monica Khanna, Indira Institute of Management Studies	'Tips on how to appear for an interview''
01.03.2013-05.03.2013	Pomegranate Education Ltd.	Series of workshops for all seven batches on 'Creativity and Language skills'
28.03.2013	Presentations by students	Dramatization of short stories from 'Yuva Katha'series
13.04.2013	Ms Surya Balakrishnan	'Behind the Scenes'. Talk on cinema and narratives
25.09.2013	Ms. Milina Pereira (Faculty, BCA)	Guest Lecture on 'Integrating the Internet Culture'
09.12.2013	American library	Screening of Film 'What's Love got to do with it'' followed by a discussion on domestic violence.
04.3.2014	Mrs. Usha Kumar, Soft Skills trainer.	Session on how to appear for an interview
15.03.2014	Dr. Anjalai Bhelande, HOD of English, Ruia college, Matunga.	Session on 'Value Education and Well being'
26.03.2014	Mrs Kajal Bhatia, Aluminae	Session on 'Blogging'
18.11. 2014	American Consulate	7 students participated in a workshop on 'Empowering the Youth as citizen journalists'
06.01.2015	Multi Media student presentations	Anne Frank's diary, Abdul Kalam, and Satyajit Ray
09.01.2015	Multi Media student presentations	R.K Narayan and Ruskin Bond.
02.12.2015	Dr Anita Rane Kothari, St. Xavier's College	Lecture on 'Museums'



22 & 23.01.2015	Dr Meenal Mokashi, In-charge, Smt. H.M.N. Junior College	Session on Yoga and Meditation
18.03.2015	Ms Seema Mankoo Grewal , Phonetics trainer and Alumnae	Session on Reading skills
23.03.2015	Ms Khusbhoo Gala, Alumnae	Session on Storytelling
27.03.2015	Mrs Usha Kumar, Soft Skills trainer.	Session on how to prepare for an interview
30.03.2015	Student presentations	Skit presentation on “Pinti’s Sabun” and “Miriam’s letter”
31.06.2015	Dr. Jayashree Palit Associate Professor, Maniben Nanavati College	‘Why and how we should read Biographies’
24.09.2015	Dr. Preeti Shirodkar, Associate Prof. in Communication and Soft Skills, MET Institute of Management	A session on ‘Basic Etiquette in everyday life’
05.10.2015	Ms. Milina Pereira, Faculty BCA	“Building an Internet Culture”
09.12.2015	Ms. Vidya Subramanian, Librarian	“How to write citations”
04.02.2016	Gandhian Studies Centre in collaboration with Chinmaya Mission Youth Wing	145 students of FY attended a Workshop on ‘I Transform, India Transforms’
17.02.2016	Ms. Kirti Nahare, Lecturer, SIWS College	‘Group Discussion’
21.03.2016	Ms. Priyal Panchal, Life skills trainer).	Workshop on ‘Improve your vocabulary’

Environmental Science:

Date	Details of activity
15.12.2011	Visit to Discovery of India Exposition and Nehru Planetarium
01.12.2011-03.12.2011	Green Spirit Association members put up a stall promoting recycled products, during the college exhibition
01.02.2012.	Screening of film on alternative sources of energy
11.02.2012	Workshop on “Climate Change. You and Your waste...” conducted in collaboration with Centre for Education and Documentation, Colaba.
17.03.2012	Session on ‘Human Impact on Biodiversity’ Adhiti Muralidar. Project Fellow. HomiBhabha Centre for Science Education, TIFR.
03.07.2012	Visit to observe Solar panels installed at Amulak Amichand School
15.12.2012	25 student completed the UNCSD Rio + 20 India Certification Program for College Students conducted by the Indian Astro Biology Research Centre



08.02.2013	Visit to Kalaghoda Festival to view the installations on issues related to the environment
02.0.2013	Session on Bio-diversity by Ms. Adhiti Muralidharan
09.03.2013	Visit to the Flamingo Festival at Sewri organized by the Bombay Natural History Society (BNHS)
22.03.2013 26.03.2013	Group presentations on the topic of pollution (Soil, Water, Marine, Air, Nuclear, Noise and Solid Waste)
05. 10.2013	Session on Bio-diversity by Ms. AdhitiMuralidharan.
28.11.2013- 30.11.2013	Students set up section on 'Green Mumbai ', as part of the college exhibition
06.02.2014	Students visited Kala Ghoda Festival to see installations on environmental issues
12.02.2014	Student group visited Sewri to observe migratory birds Flamingoes
26.08.2014	Session on Green Technology by Ms. Shweta Lad (MSc student at ICT)
31.08.2014	Peer group education Presentation by Ms Dipika Patole and Ms Zainab Panvelwalla (SY B.Sc) on environmental awareness and protection laws
02.09.2014	Session on Waste Management by and Ms. Hamsa Iyer, Observer Research Foundation
11.01.2015	10 Students of F.Y B.Sc visited Bandra to understand the concept of citizens reclaiming open spaces
12.02.2-15	80 Students of F.Y B.Sc visited Kala Ghoda Festival to see best-out –waste installations
August to Sept. 2014	Student groups visited Mahim Nature Park, BPT Garden (Colaba), Jijamata Zoo (Byculla), Sanjay Gandhi National Park and Taraporwala Aquarium as part of the pair project assignments
Sept 2014 to Feb. 2015	Tejashree Gaikwad , Neha Jalgoanker, Swati Hotkar, Anuradha Bhawar and Sadhana Gorde attended 5 interactive sessions on Environmental issues organized by Smt. MMP Shah College Nature club and conducted peer education sessions on the same
January 2015	Peer group education campaign on hygiene in the washrooms by 10 students of 3 rd batch of F.Y B.Sc
27.02.2015	8 Students visited Sewri to see the Flamingo Festival
11.08.2016	Session on 'Sustainable Cities'by Dr. Baisaki Dutta, Asso. Prof. in Geography, Junjuwalla College
13.08.2015	Ms. Nishi Patel qualified as a finalist at the 'Digital Indian campaign', poster competition for her entry on sustainable environment
18.08.2015	Session on Waste Management by Ms. Hamsa Iyer from Observer Research Foundation
18.08.2015	Screening of Film on 'Toilet Torture' followed by discussion conducted by Observer Research foundation
03.10.2015	Street-Play performance on 'Water conservation'by winning team at SNDT Yuva Mahotsav
30.09.3015	Session on Sustainable (Eco-) Tourism by Ms. Adhiti Muralidar, Homi Bhabha Science Centre
Sept. 2015	Small group visits to Mahim Nature Park and BPT garden at Colaba.



01.10.2015	30 students of ND batch visited BMC office to observe Water purification methods
11.12.2015- 12.12.2015	34 students put up displays related to the theme of Water supply, purification and conservation as part of the college biennial exhibition

09.01.2016	Team of 5 FY B.Sc. students participated at Research Competition on Sustainable Goals, conducted by Maniben Nanavati College, Vile Parle. Their topic was on 'Water Problems in Mumbai City'
10.02.2016	80 FYBSc. students were taken on a visit to Kala Ghoda Festival to see artistic installations based on theme of 'best out of waste' and 'world without borders'
12.03.2016	Students visited the Flamingo Festival at Sewri
Feb- March 2016	F.Y Students of 3 rd and 4 th batch created awareness on health and hygiene by placing posters in the students' toilets.

Science:

1. Science department organizes a workshop on First aid for all FY BSc students every year in collaboration with the SMES School of Nursing.
2. Science department invited the following guest speakers to talk on 'Significance of Clinical Biochemistry' for TY FSN students
 - Dr. Chanda Gokhale, P.N. Doshi College of Home Science on 25th August 2015.
 - Ms. Nalini Saraf (Nutritionist) 20th Jan. 2016
30. Teaching methods adopted to improve student learning Teaching-Learning:

English

- Use of vocabulary building games
- Organising workshops on creative writing to improve language fluency
- Engaging students in language apps on smart phones, and also websites for language learning.
- Students encouraged to write reports for magazine as part of report writing practice
- Speed reading exercises, public speaking exercises, story writing group exercises
- Incorporation of dramatization techniques as part of teaching methodology in English speaking skills
- Book reviews and presentations
- Use of Multi Media presentations on excerpts from their text book such as on Anne Frank's diary, Abdul Kalam, and Satyajit Ray.
- An interactive space has been formed FY BMN Facebook group for posting websites for references and language learning resources
- Organizing sessions on how to blog to improve writing skills

Science

- Peer group instruction
- Demonstrations
- Frequent quizzes
- Group discussions



- Use of internet (by sharing web links and providing worksheets and quizzes online, showing you tube videos)
- Guest lectures
- Remedial teaching
- Problem based Learning to build scientific temper

31. Participation in Institutional Social Responsibility (ISR) and Extension activities :

Students have participated in Intergenerational Interaction project with NGO THRED wherein students interacted with the senior citizens.
FY B.Sc. students are active volunteers in the NSS Unit.

32. Number of students receiving financial assistance from college, university, government or other agencies :

Year	SMES	Government (SC/ST)	Government (Minority)	Total Amount (₹)
	No of Students	No of Students	No of Students	
2011-12	-	4	-	19,300
2012-13	1	-	1	13,535
2013-14	4	2	2	24,275
2014-15	9	-	2	35,640
2015-016	9	18	1	1,41,895
Grand Total Amount				2,34,645

33. SWOC analysis of the department and Future plans

English

Strength

- Good facilities in terms of library material and audio-visual sources
- High level of motivation from students to improve language skills
- Opportunity to organise workshops/sessions by outside experts

Weakness

- Single person department

Opportunities

- Further Improvement in language fluency resources
- Can add soft skills component
- Use of M-technology for language teaching

Threats

- Impact of use of social media impacting upon language use and study

Science

- Strength : Well-equipped chemistry and biology lab
- Weakness : Large number of students from non-science background
- Opportunity : Huge strength of students that can be used for various science based projects to improve scientific temper of students.
Developing lab facilities through CPE grant



- Challenges : Training and developing scientific temper in Non-science students.

Future Plans:

- Establishing language lab under CPE
- Upgrading Science labs under CPE

POST ACCREDITATION INITIATIVES



Post accreditation initiatives

2011-2016

Overall Observations from NAAC peer team (2nd cycle of reaccréditation)

Recommendation by Peer Team	Action Taken
College may apply for UGC scheme of 'College with potential for excellence' (CPE)	<ul style="list-style-type: none">• College submitted application for UGC Scheme of 'College with Potential for Excellence' in January 2015• We were first among the 6 colleges shortlisted by SNETWU• We received UGC status of CPE in May 2016
College may consider short term courses	<ul style="list-style-type: none">• A valued added certificated course in Soft Skills was introduced at TY B.Sc./BCA level in 2012• Life Skills based on Gandhian values certificate course by UGC recognized Gandhian Studies Centre was introduced in 2014• Started a short term certificate course in Research as 'Pedagogy, Advocacy and Transformation' in collaboration with PUKAR (Partners in Urban Knowledge Action and Research) in 2014• Initiated a short term certificate course in Entrepreneurship skills in collaboration with Carepo Corporate Services Ltd in 2015• Introduced a certificate course in crèche and balwadi teachers training in 2015• Started a certificate course in Catering Management in 2016• Commenced with a certificate course in Landscape Designing in 2016
College may initiate P.G. courses in Home Science	<p>College has introduced 2 postgraduate programs through Indira Gandhi National Open University</p> <ul style="list-style-type: none">• M.C.A (Masters in Computer Application) from IGNOU (2012)• M.Sc. (Dietetics and Food Service Management) (2015)
Institution may consider introducing SMART Technology	<ul style="list-style-type: none">• Under a MOU signed with SAS Institute [India] Pvt. Ltd. our institute has received CSR funding (Corporate Social Responsibility) for converting 5 existing classrooms to 1 basic and 4 advanced SMART classrooms



Textile lab to be upgraded	<p>Textile labs have been up graded as follows:</p> <ul style="list-style-type: none"> ● 1 Rota Dyer ● 1 Hot Air Oven ● 1 Tear Strength Tester ● 1 Fashion Maker ● 1 Electronic Twist tester ● 1 Steam Pressure Iron ● 81 Sewing machines ● 1 Universal Breaking Strength Tester ● 1 Crimp Tester ● 2 Crockmeter ● 1 Tear Strength Tester <p>TSAD faculty team received 2nd prize for their project on 'Upgrading infrastructure for enhancing skills' at the Best Educational Quality Enhancement Team (BEQET) Annual Competition (2014- 2015) organized by National Centre for Quality Management</p>
Facilitate open access to library for students	<p>Students have been given open access to the library in phases</p> <ul style="list-style-type: none"> ▪ M.Sc. students (2012-2013) ▪ TY B.Sc./B.C.A (2013-2014) ▪ SY B.Sc./B.C.A Scholar Card Holders (2014-2015) ● 5 computer terminals in the library with internet allow access to online data bases such as Infilbnet, SNETWU database and American library database ● All students have open access to books and reference material on Gandhian ideology/philosophy in the Gandhian Studies Centre reading corner
Focus on college level publications	<p>College level publications include the following:</p> <ul style="list-style-type: none"> ● Standard Operating Procedures (SOP) ● Manual on library procedures ● Manual on examination procedures and guidelines ● Advanced chemistry manual ● Textile testing manual ● Internet programming lab manual ● Maths manual ● Java programming manual ● Fieldwork manual in Human Development ● Personality development workbook ● Publication on Nutritious and Healthy recipes



	<ul style="list-style-type: none"> • 'Ideas'(College research journal) ISSN 2320-0162 • 'In Search of Kasturba. An Autobiographical reading of the Mahatma and his wife'. Monograph published by Gandhian Studies Centre. 978-93-5258-742-2 • Proceedings of the NAAC sponsored National Seminar on 'Best Practices on Teaching-Learning and Evaluation.' ISBN 978-93-5258-741-1 • Proceedings of UGC sponsored National seminar on ' Sustainable Tourism' (supplementary of 'Ideas' ISSN No. 2320-0162)
Institution should consider applying for Autonomy	<ul style="list-style-type: none"> • The institute has initiated the process

Criterion Wise Observations

Criterion No.	Observation by Peer Team (2 Cycle)	Post accreditation status
1	Limited Academic Flexibility	2 additional PG programs have been introduced on campus for vertical mobility. Students also have the option of 10 short term certificate programs
2	Enrollment in Home Science decreasing	There has been a positive improvement in Home science enrolment in the post accreditation phase
3	27% of staff are with Ph.D. More teachers need to take up Ph.D	35% Faculty have Ph.D, 29% are registered for their Ph.D
3	There are 2 faculty guiding Ph.D projects and 5 guiding M.Sc projects of SNDT Women's University	There are 3 faculty guiding PhD Projects and 7 guiding M.Sc projects
3	Revenue generating Consultancy work to be initiated	2 revenue generating consultancy projects have been initiated.
3	Collaboration limited to academic involvement and community development not fund generation	Collaboration with industry has been enhanced, 14 MOUs have been signed and of which 9 collaborations have generated funds.
5	More extension activities	College has established 10 linkages for community development

**DECLARATION BY
THE HEAD OF THE
INSTITUTION**



**Seva Mandal Education Society's
DR. BHANUBEN MAHENDRA NANAVATI COLLEGE OF HOME SCIENCE**

NAAC Re-accredited 'A' Grade with CGPA 3.64/4,
UGC Status : College with Potential for Excellence
(Affiliated To SNDT Women's University, Mumbai)

Smt. Parmeshwari Devi Gordhandas Garodia Educational Complex
338, R. A. Kidwai Road, Matunga, Mumbai – 400019.



Tel No.:022-24095792

Email:smesedu@gmail.com

Website: www.bmncollege.com

Dr. (Mrs.) Shilpa P. Charankar
Principal

Declaration by the Head of the Institution

I certify that the data included in this Self-study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.

Dr. Shilpa P.Charankar
Principal

Place: Mumbai

Date: 20.02.2017

2013 & 2014
Jagar Janivancha Award
from Govt. of
Maharashtra
(State, District &
University level)

2015
DL Shah Silver
Award by Quality
Council of India
(National Level)

2011-2016
Best Educational Quality
Enhancement Team
(BEQET) Award
7 consecutive years
from National Centre for
Quality Management
(NCQM)

2014
Maharshi Karve
Utkrushtha Shikshak
Puraskar
(Best Teacher Award
from SNDT Women's
University)

2016
Fellow of the
Textile Association
Award



Tel No.:022-24095792

Email:smesedu@gmail.com

Website: www.bmncollege.com



**Seva Mandal Education Society's
DR. BHANUBEN MAHENDRA NANAVATI COLLEGE OF HOME SCIENCE**

NAAC Re-accredited 'A' Grade with CGPA 3.64/4,
UGC Status : College with Potential for Excellence

(Affiliated To SNDT Women's University, Mumbai)

Smt. Parmeshwari Devi Gordhandas Garodia Educational Complex
338, R. A. Kidwai Road, Matunga, Mumbai – 400019.

Dr. (Mrs.) Shilpa P. Charankar
Principal

CERTIFICATE OF COMPLIANCE

This is to certify that Dr. Bhanuben Mahendra Nanavati College of Home Science fulfils all norms:

1. Stipulated by the affiliating University and /or
2. Regulatory Council/Body (such as UGC, NCTE, AICTE, MCI, DCI, BCI etc.) and
3. The affiliation and recognition is valid as on date.

In case the affiliation/recognition is conditional, then a detailed enclosure with regard to compliance of conditions by the institution will be sent.

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once the institution loses its University affiliation or Recognition by the Regulatory Council, as the case may be.

In case the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website

Date : 20.02.2017.

Place : Matunga, Mumbai.

Dr. Shilpa P. Charankar

Principal

Dr. Bhanuben Mahendra Nanavati

College of Home Science

2013 & 2014
Jagar Janivancha Award
from Govt. of
Maharashtra
(State, District &
University level)

2015
DL Shah Silver
Award by Quality
Council of India
(National Level)

2011-2016
Best Educational Quality
Enhancement Team
(BEQET) Award
7 consecutive years
from National Centre for
Quality Management
(NCQM)

2014
Maharshi Karve
Utkrushtha Shikshak
Puraskar
(Best Teacher Award
from SNDT Women's
University)

2016
Fellow of the
Textile Association
Award