

The Annual Quality Assurance Report (AQAR) of the IQAC

AQAR for the year (for example 2013-14)

May 2017 to April 2018

Part – A

1. Details of the Institution

1.1 Name of the Institution

College of Home Science
Nirmala Niketan

1.2 Address Line 1

49, New Marine Lines

Address Line 2

Mumbai- 400 020

City/Town

Mumbai

State

Maharashtra

Pin Code

400 020

Institution e-mail address

info@nirmalaniketan.com

Contact Nos.

022- 22076503

Name of the Head of the Institution:

Dr.(Mrs.) Geeta Ibrahim

Tel. No. with STD Code:

022-22007544

Mobile:

9820153902

Name of the IQAC Co-ordinator:

Dr. (Mrs.) Ela Dedhia

Mobile:

9619492951

IQAC e-mail address:

elamanojdedhia@yahoo.com

1.3 NAAC Track ID (For ex. MHCOGN 18879)

MHCOGN 10246

1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004.

This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate)

EC (SC) /03/RAR/77

1.5 Website address:

www.nirmalaniketan.com

Web-link of the AQAR:

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B+	78.00	March 2003	March 2008
2	2 nd Cycle	B	2.90	June 2009	June 2014
3	3 rd Cycle	A	3.11	September 2014	September 2019

1.7 Date of Establishment of IQAC: DD/MM/YYYY

28th February 2005

1.8 AQAR for the year (for example 2010-11)

May 2017 to April 2018

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011))

- i. AQAR 2009-2010: November, 2010
- ii. AQAR 2010-2011: November, 2011
- iii. AQAR 2011-2012: September, 2012
- iv. AQAR 2012-2013: September, 2013
- v. AQAR 2013-2014: February, 2014
- vi. AQAR 2014-2015: October, 2015
- vii. AQAR 2015-2016: November, 2016
- viii. AQAR 2016-2017: November, 2017
- ix. AQAR 2017-2018: November, 2018

1.10 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid + Self Financing Totally Self-financing

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.12 Name of the Affiliating University (*for the Colleges*)

University of Mumbai

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

NA

University with Potential for Excellence

NA

UGC-CPE

NA

DST Star Scheme

NA

UGC-CE

NA

UGC-Special Assistance Programme

NA

DST-FIST

NA

UGC-Innovative PG programmes

NA

Any other (*Specify*)

NA

UGC-COP Programmes

NA

2. IQAC Composition and Activities

2.1 No. of Teachers

9+1 Principal

2.2 No. of Administrative/Technical staff

2

2.3 No. of students

2

2.4 No. of Management representatives

1

2.5 No. of Alumni

4

2.6 No. of any other stakeholder and
community representatives

0

2.7 No. of Employers/ Industrialists

4

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders: No. Faculty

Non-Teaching Staff Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

One-day National conference on Reaching the Unreached through the New Frontiers of Technical Textiles organized by the Department of Textile and Fashion Technology in the College Hall, 24th February, 2018, with sub-themes of eco-standards for technical textiles, smart and functional textiles, each essential to safety and sustainability of environment. In the Fashion Show, garments showcased included those designed for physically and differently abled persons. Acid attack survivors and artisans were involved in embellishing fabrics for the garments, which was a source of income for them

2.14 Significant Activities and contributions made by IQAC

Initiative was taken by IQAC in Sensitizing/Promoting Research Climate in the institution

- Maximised participation of undergraduate, master's and doctoral students in the research competition: Avishkar. Sent student and staff representatives for Avishkar training organised by the University of Mumbai, appointed a Coordinator who oversaw the participation of the students at the beginning levels and helped train the students, and research guides provided extensive training and support to students throughout the process with selected students from the college reaching the state level and winning top awards.
 - a. Inter-collegiate, South Mumbai Zone, Avishkar Research Convention 11th December 2017: 19 entries of our TY BSc students, 8 entries of our MSc students, 5 entries of our doctoral students, 3 entries of our in-service teachers (total: 35 entries). A total of 116 students from the college participated in the inter-collegiate competition. Of these, 10 students qualified for the next level: 7 entries.
 - b. Inter-Zonal Avishkar Research Convention 20th December 2017: 10 participants from the college, 7 entries; 6 participants qualified for the next level: 3 entries.
 - c. The 12th Maharashtra State Inter-University Research Convention, 15-17 January 2018: 3 entries from the college (one master's level, one doctoral level, one in-service teacher level). Of these, 2 entries obtained awards—a gold medal (doctoral research) & a silver medal (in-service teacher level).
- Encouragement to staff and students to present and disseminate research findings in national and international conferences.
- Encouragement to staff and students to publish research papers in reputed journals.
- Encouragement to staff to solicit funds for their research projects by applying at least for the University of Mumbai, minor research project grant.
- Encouragement to staff and advanced students to collaborate/have linkages with the following for research at master's or doctoral levels:
 - Industry
 - Research institutes
 - Academic institutes
 - GOs & NGOs

The IQAC creates awareness about various services available for the growth and progress of the students verbally, through whatsapp, Facebook, SMS, notices, public announcement system, hand-outs, posters, e-mails, etc. Students are further motivated to participate and conduct various events in the following ways:

- Encouraging students to participate in various activities via different committees such as cultural committee, sports committee, diet counselling committee, employment committee etc.
 - Awareness through participation in various events like Seminars/ Conferences/ Talks /Sessions/Workshops/camps are organized in different fields for career advancement, technology, grants, ethics in research, research method and statistics, new policies, welfare schemes, career guidance for higher studies (India and Abroad), health and nutritional awareness, and many other social aspects for the development.
 - Initiated and implemented various software's for better management and ease for students, like Onfees.com for online fee collection
 - Students are encouraged to plan, organize and manage college and intercollegiate events/seminars/workshops/talks/etc. like Jamboree, market,/Entrepreneurship Incubation Cell etc.
 - Students are given opportunity to design, construct and showcase their creations at college and intercollegiate level which gives them self-confidence and recognition for their hard and smart work.
 - The concept of entrepreneurship is initiated by experts. Students identified their mentor and were supported by them to be successful entrepreneurs. Entrepreneurial skills are developed in the students by guiding them to organise events, markets, seminar, etc.
 - Visits and Educational tours are organized to give hands on experience and exposure to the rich heritage and culture of India and the various industries.
 - Students are mentored by the staff in smaller group for the personal and academic progress and development.
 - Various scholarships available in the course of the year are announced by displaying at strategic points, regular announcements, through the Co-ordinators and the Head of the Department. Students were regularly informed about the various scholarships available and are encouraged to apply for the same.
 - NSS actively work towards various aspects of awareness and events related to social causes.
- Students are prepared to face the job market by guiding them on resume writing and personal grooming.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
<i>To further strengthen our alumni.</i>	Alumni contributed as speakers, sponsors and helped in giving internships, placements and projects to our B.Sc. and M.Sc. students.
<i>To work on building the corpus fund.</i>	We are continually building our corpus fund through the finance generated via the host of seminars and workshops conducted and the trips organized for the students and exploring other sources.
<i>To enhance our partnerships and collaborations with other Institutes- Industry, Research Institutes, NGO's, GO's for academic and research purposes.</i>	We have 176 linkages this year and various collaborations with academic and research institutes, food and textile and apparel related industries, hotels, hospitals, schools, GOs, NGOs and professional bodies. An MOU of the FND Department with Jaihind College was renewed for three years
<i>To analyse the feedback obtained from the students regarding the updated syllabi at different levels</i>	The syllabus revision approved in the last academic year has been implemented for TYBSc and MSc 2 from this academic year. This year feedback about the curriculum has been collected from graduating students, parents, alumnae and employers by use of digital Google forms.
<i>Department of Foods, Nutrition and Dietetics is planning to organise</i> 1. Half day Seminar during National Nutrition Week. 2. Short term courses e.g.: HACCP for students	Half day Seminar during National Nutrition Week done with in collaboration with AFSTI HACCP training conducted
<i>Department of Human Development plans to organise National Conference in collaboration with the Indian Association of Career and</i>	A National Conference in collaboration with the Indian Association of Career and Livelihood Planning (IACLP) in December

<i>Livelihood Planning (IACLP) in December 2017. Conference name: "Career Guidance and Livelihood Planning across the Life Span: The Way Forward for India".</i>	2017. Conference name: "Career Guidance and Livelihood Planning across the Life Span: The Way Forward for India" postponed to 2018-19.
<i>Department of Human Development plans to organise Conference on "Child Development and Neurodevelopmental Disorders: A Rational approach" in collaboration with New Horizons Institute of Education and Research and Tata Institute of Social Sciences in January 2018</i>	Yes, but not with TISS, with Indian Academy of Pediatrics.
<i>Department of Textiles and Fashion Technology plans to start two new Masters programmes (Self-Financed) and a value added course in STYLING in collaboration with Orange Trees.</i>	Yes (An MOU was signed between the Department and Orange Tree)
<i>Department of Community Resource Management plans to organise a State Level Seminar on 'Career prospects in Community Resource Management' on 2017-18</i>	No. It has been postponed.

* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	1			
PG	5		2	
UG	1			
PG Diploma	1		1	1
Advanced Diploma				
Diploma	3		3	3
Certificate(value added)	8	1	8	8
Others				
Total	19		14	12

Interdisciplinary				
Innovative				

1.2 (i) Flexibility of the Curriculum: CBCS with an elective option in TYBSc (CRM)

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	7
Trimester	
Annual	7

1.3 Feedback from stakeholders* Alumni Parents Employers Students

(On all aspects)

Mode of feedback : Online Manual Co-operating schools (for PEI)

****Please provide an analysis of the feedback in the Annexure***

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

The content development and approval for the syllabus of the, TYBSc and MSc II courses was completed the previous academic year and it was implemented this academic year.

The new SYBSc syllabus was implemented the last academic year and introduction of flexisyllabus and fine tuning of the syllabus was implemented this academic year.

A. SYBSc: This syllabus was revised in the academic year 2016-17, moving from nine subjects to five subjects, to be more consistent with university pattern. However, this year it was further altered to give a greater scope for students to have a choice of topics.

In each of the subjects, unit 1 and 2 were made compulsory and there was a choice offered between units 3, 4 and 5. The students were asked to vote for a particular unit and the choice of the majority was taught in the class. However, in the subject from the Textile and Fashion Technology specialisation, one alteration was made in the subject itself apart from the choice of units.

Salient changes in the syllabus:

❖ Alteration of a subject offered from the specialisation of Textile and Fashion Technology:

This year the subject of Sectors in the Textile and Apparel Industry was added as it was perceived to be extremely relevant to the student. This subject aims to give an overview of the entire textile industry to the student which includes an outline of the technical aspects, the fabric, fashion and apparel industry, with the focus being application based inputs.

❖ Value added computer course:

The syllabus of the value added computer course was revised to make it most relevant to the current needs. FYBSc syllabus was improved by increasing the focus on tools and techniques for creation of visual aids and computing. The syllabus was modified to include an overview of Microsoft Word, Excel and Power point and details of Photoshop and Corel Draw.

For the SYBSc, the stress was on creating a resource base for entrepreneurship. They learnt relevant aspects of social media marketing for eg. Facebook page, website creation and blogs. Evaluation was in the form of assignments and exams.

B. Major Revision for TYBSc and MSc II

The syllabi were modified across all specialisations based on both formal and informal feedback from alumnae and the industry. The salient aspects and thrust area were as follows:

- **Provision of broad spectrum content in order to provide for greater academic and professional flexibility:**

TYBSc: The content was given strict divisions to ensure concentrated learning and to generate a sound knowledge base. The design of the curriculum ensured that that the learner would be exposed to varied aspects of the syllabus so that they would be more relevant in the professional setting. In addition, it also will give them a better ability to decide their future career path.

A few select examples from each specialisation:

Foods, Nutrition and Dietetics Department:

Inclusion of Food Microbiology was introduced for greater industrial relevance and, Concepts of research have been introduced to cultivate a research mentality.

Human Development Department included subjects of Introduction to Psychological disorders across the Life span, a separate course was introduced in the second semester that covers the most important disorders across the life span. As there has been an increase in the number of individuals facing psychological difficulties and disorders, it is the need to make the students aware of these disorders so that they are able to identify such people and refer them for appropriate services. It would also be of great help as they become supervisors in schools or NGO's etc.

Textile and Fashion Technology: Introduction of new subjects for increased exposure to content like Textile and Garment Processing, Colouration and Finishing (Theory), Textile and Apparel Merchandising (Theory), Textile Testing and Quality Assurance (Theory), Fashion Grooming and Styling (Theory), Textile Designing and fashion Illustration (Practical)

Community Resource Management: Inclusion of subjects with a broader outlook like Residential Interiors, Hotel Front Office Operations, Rendering and Presentation Techniques, Training and Development for the Hospitality Industry and Kitchen Planning.

MSc: For the post graduate courses, the curriculum was designed to provide inputs across a wide forum of content in order to increase competency in the professional world.

Foods, Nutrition and Dietetics:

Introduction of subjects of Critical Care Nutrition(FND), Food Psychology(FND, FPP and SN), Details of Food Processing and microbiology, Stress on Food Quality Control and practical in Alternative Strategies for Health

Human Development:

The subject "Human Exceptionality and Psychological Disorders" was made into two separate courses "Advanced study of Human Exceptionality" in semester I and "Advanced study of Psychological disorders" in semester II. This was mainly done to focus on more number of disabilities and disorder in the respective subject and give students detailed description of disabilities, disorders, their causes, characteristics and intervention. This is in line with the growing need of professionals in the area of exceptionality and psychological disorders. The detailed description and exposure to the subjects aid in professional growth of students as they become special educators, counsellors, supervisors in schools etc.

Textile and Fashion Technology: Myriad new subjects have been introduced with a view to create a greater exposure of students to the varied areas in the field, for eg;

Global Merchandising (Theory), Technical Textiles (Theory), Value Addition through Finishing- Textile and Garment (Practical), Pattern Making, Grading and Garment Construction- Women's wear (Practical) and Media and Communication for Textile and Fashion (Theory). Research has been given a greater focus by incorporation of a practical in Commercial Contemporary Product/ Service Development.

- **Industrial relevance:**

TYBSc: The syllabi across all specialisations were specifically altered to stress on the industrial relevance of the student as they enter the job market. Skill building and application has been worked into the curriculum.

Foods, Nutrition and Dietetics department included topics on nutraceuticals, phytochemicals and sports and fitness nutrition to make it more relevant to the Industry. A strong component of Practical in Microbiology has been introduced as well as the Subject of Food Service Management has been detailed to focus on the hospital and hospitality industry.

Human Development department:

For more clarity, certain subjects were divided into Part A and B, so that the subjects are more focussed and objectives are clear, like for eg., In semester I: Part A: Supervision of Curriculum Planning for Children in Education Settings; Part B: Supervision of Conduction of Developmentally-Appropriate Activities for Children in Education Settings. Likewise in Semester II: Part A: Supervision and Administration of Child and Youth Community-Based Service Agencies; Part B: Supervision and Administration of Adult Community-Based Service Agencies.

Textile and Fashion Technology department: The practical component has been strengthened so that employment can be easily procured based on their skill set after graduation, with practical in Woven Fabric Structure and Construction, Textile and Garment Processing, Colouration and Finishing and Pattern Making and Garment Construction Women's Wear.

Community Resource Management department: New subjects with focused industrial training have been introduced like Managing Housekeeping Operations, Residential Furnishings and Events in Hospitality Industry

MSc: The stress was on a practical approach and industry application. This was done with the aim of making the student easily employable and minimising on the job training. The requirement of the industry has to be catered to so that both students and the industry benefit. In addition, an internship has been offered between MSc 1 and 2 to give the learner an exposure into the professional setups.

- **Incorporation of changing trends in knowledge.** For eg; in Human Development, The subject title of “Advanced study of research in human development” was changed to Developmental Science I and II in Semesters I and II respectively. This was to place the syllabus in terminology on the global platform. The changes were also made in the syllabus of the subject to match the global requirement of information and knowledge as several students go abroad to do their further studies.
 - **Enhanced research focus:** There has been incorporation of concepts of research at the undergraduate level in line with the vision of the University of Mumbai in order to inculcate the mind set of research culture. For eg; in Community Resource Management, the addition of Ergonomics Investigation and Analysis has been incorporated.
 - **Focus on product and design development and innovation:** Unique and innovative thinking with a scientific temper in order to produce designs have been the focus of the

curricular revamp. For eg; the addition of Textile and Apparel Merchandising (Theory) and Entrepreneurial Skill Development in Textile and Fashion (Practical)

- **Building Entrepreneurial capacities:** This curricular revision has a strong thrust on building entrepreneurial capacities, along the lines of the policy of the Indian government on skill building and entrepreneurial development. The students will have the capacity to initiate an entrepreneurial venture on graduating.
- **Sensitisation to the community and addressing social and economic disparity:** It is imperative that the learner be exposed to socio economic and gender disparities to provide a more realistic perspective while being in employment. This aspect also ties in with the institute's goals of being community oriented. Application of concepts of Home Science from specific departments have been strengthened with both theory and practical.
- **Developing technological expertise:** This was incorporated by including practical to be conducted with newer equipment and software. The department of Textile and Fashion Industry and Community Resource Management incorporated learning the necessary software as being mandatory for the course.
- **Increasing leadership, management and supervisory capacity:** It had been recognised through experience and feedback that the industry viewed our alumnae as capable of being in supervisory and managerial positions. The syllabus was modified to strengthen these aspects and improve their core competencies in the job market. Subjects have been introduced which expose students to acquiring managerial skills. Eg; Human Resource Management in the department of Community Resource Management.
- **Interdisciplinary approach:** The industry offers positions which encompass multiple aspects as well as skill sets. A practical titled "Alternative Health Strategies and Therapies" was created to give the learner a wider exposure to various modalities for health and wellness.

C. Alteration in existing courses and creation of new courses:

i. Conversion of Certificate course into a diploma course: The value added course "Art Based Therapies", offered by the department of Human Development, has been converted into a full-fledged diploma course structured in a modular format, from this academic year.

ii. Value added course by the department of Textile and Fashion Technology: A new value added course on Personal Grooming, Styling and Fitness has been initiated, keeping in mind the societal and market trends.

Plans for 2018-19-an overview:

New Courses to be introduced:

- ❖ **MSc in the department of Textile and Fashion Technology:** Plans to introduce two new MSc– 1.Fashion Retail Management and Media Communication
2.Fashion Styling and Product Design.
- ❖ **MSc in the department of Community Resource Management:** Plans to introduce a MSc programme in Management and Ergonomics

1.5 Any new Department/Centre introduced during the year. If yes, give details.

No. No department or centre has been introduced in the last year.

Feedback and Evaluation: The feedback system is completely online .Feedback is being sought from all stakeholders- students, alumnae, parents and the industry, for evaluation pertaining to the syllabus in terms of content, and application, so as to continuously monitor efficiency and effectiveness of the current syllabus and to provide direction for the future.

Feedback of Curriculum – The Purpose:

For the year 2017-18, the feedback was taken from students of levels which had experienced a syllabus change, with the aim of obtaining areas where there may be a lacuna in the content, delivery of the application of the syllabus. This feedback will be used to make alterations in the teaching plan from the next academic year as well to design the nest syllabus revision.

Feedback of Curriculum – The Process:

The feedback taken was completely online with the generation of Google forms with scope of generating both objective and subjective information, which was shared with the students. The analysis specifically in terms of the changes required was completed and shared with the Principal and Heads of Departments, so that changes can be planned in delivery from the next academic year.

The Analysis:

- The feedback was largely positive across all levels where they reported being satisfied with the content and its transaction and applicability.
- The courses have been judges as being interactive, interesting and relevant with a balanced view point from the workload aspect for both theory and Practical.
- Syllabi have been perceived to cover the basics of the course, lending itself to discussion.
- Though for certain subjects the syllabi are large to be covered in a single semester, it has relevance to their careers and is also applicable to everyday life, further studies or entrepreneurial opportunities.
- The practical subjects prepare them to develop the necessary skills and also enable them to bring forth their creativity.
- Largely across all sections students were happy with the content, the transaction as well as the workload.
- They also responded that resource materials are available for study purposes.
- The Post graduate students were largely satisfied with the focus on research and advanced concepts.
- The inputs into entrepreneurship was appreciated at all levels.

The specific suggestions provided in addition to the general feedback have been reviewed in this section, which has been taken up by Head of Departments and Faculty for further review.

The gist of suggestions and alterations is presented in this section which the College has taken up to be addressed, evaluated and /or modified if required and feasible.

SYBSC

1. Choices of streams from SY onwards
2. Incorporation of aspects of physiology and anatomy
3. Reducing the vastness and intensity of the course

TYBSc

1. Inclusion of internship in the syllabus
2. Increased conciseness of the content.

MSc

1. Suggestion for adding advanced concepts on a larger scale into the course.
2. Research Methods and Statistics needs a detailed rendition so as to grasp the concepts and needs to be stepped up in difficulty level.
3. Supporting each theory paper with equivalent practical.
4. Increased focus on counselling skills

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others Principal
	27	17(including 1 Librarian)	8(+1 on FIP)	0	1

2.2 No. of permanent faculty with Ph.D.

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year	Asst. Professors		Associate Professors		Professors		Others		Total	
	R	V	R	V	R	V	R	V	R	V
	17	1	8	0	0	0	2	0	27	1

2.4 No. of Guest and Visiting faculty and Temporary faculty

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	13	17	2
Presented	9	5	7
Resource Persons	5	4	4

- 2.6 Innovative processes adopted by the institution in Teaching and Learning:

Several instruction / communication methods are followed by the faculty to make the Teaching Learning process effective. By and large, traditional chalk and board method is also used which is supplemented by the use of LCD, visual aids, music films. Added instruction is introduced through one-to-one instructional coaching. The process of Teaching – Learning is not just restricted to the classroom, but enhanced further by organizing rural extension visits, industrial visits. Students are motivated to take part in research competitions, workshops, conferences and symposia at various levels. Linkages with industry are introduced wherever possible and students are also guided to become entrepreneurs. Some of the key aspects are:

1. Use of ICT infrastructure to supplement Teaching – Learning:

- Use of AV aids such as power-point presentations, videos, short films, screened animations
- Arrangement of wi-fi on all floors to facilitate use of technology along with LED-TVs in small classrooms
- Free internet access in Library and Departments to promote the habit of self-learning among students. The Institution library is well stocked with books, journals, and back volumes, projects including e-books and e-journals, text books, reference books.

2. One-to-one instructional coaching:

- Demonstrations in small groups of 4 – 6 students while inculcating clothing skills and planning diets for different age groups and different clinical conditions.
- Individual monitoring of student's work
- Faculty available to students for special one-to-one coaching during a convenient time for students to meet.
- Individual monitoring and discussion of designing garments using different textured fabrics.
- Effective two-way communication with students on phone through Whatsapp groups.

3. Other remarkable Teaching-Learning methods:

- Offer ways for the learners to **take an active role**, for at least a portion of the course, in diagnosing their learning needs, formulating learning goals, identifying human and material resources for learning, choosing and implementing appropriate strategies, and evaluating the outcomes.
- To encourage **Peer teaching** to enable students to attain self-learning skills
- Use of **Flip Classroom technique** by few staff members has shown to be effective in teaching learning process.
- Conduct of assignments, tutorials, Class room tests and Group discussions on Case studies.
- Class discussions, inviting guest speakers, visits, excursions, models all form a part of the teaching process.
- Extensive use of interactive learning process through role plays, dramas, quizzes and discussion on current affairs related to disaster management, right to education, right to health, ecology and environment in the subject of Foundation Course for students of S.Y.B.Sc. (Semester III and IV)
- Encouraging and developing the skill of creative writing for M.Sc. I students by asking them to write their inspiration stories for the subject of Accessory Making and Product Development (Semester II)

- Assignments related to the application of the subjects in the field of Textile & Fashion Technology.

4. Participation in activities, research competitions and visits:

- Deputation of students to **conferences, seminars and workshops** which in turn helps the students to acquire paper presentation /preparation, communication and event participation skills
- Encouraging students to **participate in workshops**, taking them for regular industrial visits, excursions, and to local places related to their subjects and syllabi
- Greater emphasis was given for **inculcating research culture** in students by encouraging them to participate in UG level research meets like *Avishkar*
- Encouraging students to participate in research competitions.(Eg. Participation of 3 teams at 3 inter-collegiate research competitions) Participation of 1 team in a national level research competition. Undergraduate research was undertaken this year also as every year.

5. Imparting Entrepreneurial skills:

- Hands-on-learning experience in product launching and marketing eg CRM Market and Event organized by the CRM students [”Mom’s Day out” practical learning experience on planning executing and managing events
- Organising sale of products displayed by various NGOs at the Market ‘ANVAETA’by TFT
- Rural tourism in Kharasgaon
- Field visits and industrial visits to enhance practical learning
- Group projects are undertaken by CRM Department for students doing Value Added Course in ‘Workstation Design and Applied Ergonomics’. Students are encouraged to participate in Research competitions and present work.
- Mini-surveys by Department of FND for S.Y.B.Sc and M.Sc I students
- Fostering entrepreneurship through T.Y.FND Entrepreneurial Skill Development and TFT for current students as well as Alumni, through Entrepreneurship Incubation Cell.

6. Comprehend knowledge:

- Preparation and use of printed manual.
- Regular meetings of students are held with teachers of the practical course to plan the next class.
- Revision, mock practical tests like a preliminary to the final semester end examination
- Revision tests to evaluate general comprehension and learning

Teachers prepare their year’s **plan in the beginning** of the academic year taking into consideration the schedule of internal tests, semester end examinations and vacations. At the end of every month, departmental meetings are held to review the work done. If there is a backlog of accomplishing planned work, teachers engage extra classes to ensure that the contents are adequately covered. Time-tables for lectures, practical and tutorials are prepared well before the commencement of the academic year and students and teachers follow these time-tables strictly. Several departments have introduced experiential learning opportunities making learning more thorough and enjoyable. Seminar method, in which students themselves are guided to present topics for the class, is widely used. Peer teaching and learning through group activities, such as projects and presentations, help students take responsibility for what is being learnt. Mentoring of the academically good and the not-so-good students by teachers concerned is a regular feature.

2.7 Total No. of actual teaching days

during this academic year

180

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

16

- Appointment of an Examination Committee at college level.
- Appointment of On Screen Marking - Central Assessment Programme (CAP) committee at college level.
- Appointment of On Screen Marking - Central Assessment Programme (CAP) center at college level.
- Examination related information was uploaded on the college website and updated regularly
- Mini Research projects are conducted by the T.Y.B.Sc students under the guidance of teachers. They submit it in a form of a mini thesis. They are encouraged to share their findings at seminars/conferences as well as publish articles in newspaper.
- .With the CBSGS external and internal component (60% and 40% weightage) is followed as laid in the University Guidelines ensuring a continuous monitoring of the students' work progress throughout the year.
- University Semester End Examinations (theory and practical at all levels F.Y.B.Sc. and S.Y.B.Sc.) were conducted in the college on behalf of the University
- Assessment and moderation of theory papers was done under the Centralized Assessment Programme in college premises for F.Y.B.Sc. and S.Y. B.Sc.
- Amended scheme of examination for theory undergraduate courses [including Class test (20 marks), Assignment (10 marks), Attendance (5 marks) and Overall conduct and active participation (5 marks)]
- Amended scheme of examination for theory postgraduate courses [including Seminar (30 marks), attendance (5 marks) and overall conduct and active participation (5 marks)]. No internal assessment for practical courses, only semester end examination 40 marks, 5 marks viva and 5 marks journal.
- Implemented photocopying facility for answer books of FY/SY examinations.
- Online feedback obtained from students of all levels for respective staff and subject via Google application
- In the beginning of the academic year, the syllabus and evaluation procedures are explained to the students in orientation programmes
- The examination committee displays the exam time-tables in class-rooms and displayed on the notice boards in the general area, girls common room and website. The examination committee meets to chalk out the time table for conducting theory and practical examinations. Evaluation is done by a centralized assessment process and the results are also analyzed by the examination committee before they are declared.
- Papers are moderated as per rules.
- The Department of Textile & Fashion Technology introduced an examination reform in the subject of Sustainable Social Entrepreneurship at the T.Y.B.Sc level. The students were asked to co-ordinate with various NGOs producing and selling textile based

products. The students put up a one – day exhibition cum sale titled ‘ANVAETA’, for such NGOs, thereby providing them with a platform.

2.9 No. of faculty members involved in curriculum

4	6	5
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Restructuring / revision / syllabus development
as member of Board of Study/Faculty/Curriculum Development workshop

2.10 Average percentage of attendance of students

90

2.11 Course/Programme wise
distribution of pass percentage :
(2016-17)

Title of the Programme	Total no. of students appeared	Division				
		Distinction % O Grade	I % A Grade	II % B Grade	III % C +D Grade	Pass %
B.Sc.(H.Sc)	131	0.76	42.74	38.17	13.74	0.76
M.Sc (H.Sc)	71	4.23	64.79	21.13	1.41	-
P.G Dip.in Dietet.	20	-	65.0	3	-	-

(2017-18)

Title of the Programme	Total no. of students appeared	Division				
		Distinction % O Grade	I % A Grade	II % B Grade	III % C +D Grade	Pass %
B.Sc.(H.Sc)	148	2.02	46.62	20.94	25.68	
M.Sc (H.Sc)	73	0	79.45	9.59	0	
P.G Dip.in Dietet.	20	0	60	25	0	

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

- The IQAC is an important body of the college. Organizing of curricular, co-curricular and extracurricular activities and policy decisions are routed through the IQAC team.. The members of the IQAC represent their specializations and discuss pertinent needs or areas for growth of each specialization. According to the requirement, the IQAC decides on conducting workshops, seminars, training programmes, industrial visits at local, national and

international level etc. to facilitate the teaching learning process. The multidisciplinary activities give good exposure to students and staff to newer frontiers of knowledge.

- Syllabus plan is designed by faculty well in advance, before the commencement of the academic year in consultation with all head of the departments. Heads of the Departments meetings are held on regular basis where syllabus plan, status and problems are discussed. Departments prepare the academic plan and collectively, in consultation with other departments, plan the activity so that students get maximum benefit.
- Heads of the Departments conduct departmental meetings of staff members on regular basis to take review of teaching and learning progress
- Principal, Management Representatives, senior members of Faculty and students are part of the IQAC. There is a good mix of senior and younger teachers in the IQAC team thus incorporating suggestions from all.
- Annual academic Audit by external experts and giving feedback to respective departments.
- Performance appraisals are filled in by the Staff themselves annually.
- Planning various short term skill oriented and enrichment courses.
- Results are analysed and where necessary, corrective measures are taken
- Feedback is obtained from students in the form of TAQs and feedback shared with the faculty.
- The IQAC helps the college in generating good practices, ideas, planning, implementing and evaluating the outcome of academic performance of the institute. It assists in developing realistic quality benchmarks for academic activities. It facilitates quality sustenance by organizing seminars/workshops/lectures/group discussions on relevant topics for different specializations. It also organizes multidisciplinary and multi-institutional quality enhancement activities leading to the holistic development of students.
- The IQAC is involved in developing action plan for the academic year. It gives relevant suggestions from time to time for improvement of infra-structural facilities to promote teaching –learning process. It assists in revising TAQ-Teachers’ Assessment Questionnaire and modifying evaluation techniques.
- It enlightens staff about innovative teaching methods/aids/ICT used by other educational institutes. It informs staff about UGC/University major research and minor research projects and their guidelines, available funding agencies and encourages them to apply for the same.
- ICT orientation for improving quality of teaching.
- Librarian is also a member of the IQAC who contributes by addition of learning resources like e-journals, e-books. She periodically sends the list of new arrivals and updates on interesting reading material that she comes across. A dedicated notice board displays new arrivals.
- Promotion of research as a part of the teaching process.
- Enhancing the infrastructure as per the changing requirements.
- Encouraging departments to organize workshops, seminars for teachers and students.
- Support in all the co-curricular and extra-curricular and extension activities conducted by the various departments.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	5

UGC – Faculty Improvement Programme	1
UGC Sponsored Short Term Course	0
HRD programmes	0
Orientation programmes	3
Faculty exchange programme	0
Staff training conducted by the university	0
Staff training conducted by other institutions	14
Summer / Winter schools, Workshops, etc.	3
Others (Participation in local level seminar/Training)-SPSS and Research Methods Training	11

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	21	8	0	1
Technical Staff	-	-	-	1

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- Maximised participation of undergraduate, master's and doctoral students in the research competition: Avishkar. Sent student and staff representatives for Avishkar training organised by the University of Mumbai, appointed a Coordinator who oversaw the participation of the students at the beginning levels and helped train the students, and research guides provided extensive training and support to students throughout the process with selected students from the college reaching the state level and winning top awards.
- d. Inter-collegiate, South Mumbai Zone, Avishkar Research Convention 11th December 2017: 19 entries of our TY BSc students, 8 entries of our MSc students, 5 entries of our doctoral students, 3 entries of our in-service teachers (total: 35 entries). A total of 116 students from the college participated in the inter-collegiate competition. Of these, 10 students qualified for the next level: 7 entries.
- e. Inter-Zonal Avishkar Research Convention 20th December 2017: 10 participants from the college, 7 entries; 6 participants qualified for the next level: 3 entries.
- f. The 12th Maharashtra State Inter-University Research Convention, 15-17 January 2018: 3 entries from the college (one master's level, one doctoral level, one in-service teacher level). Of these, 2 entries obtained awards—a gold medal (doctoral research) & a silver medal (in-service teacher level).
- Encouragement to staff and students to present and disseminate research findings in national and international conferences.
- Encouragement to staff and students to publish research papers in reputed journals.
- Encouragement to staff to solicit funds for their research projects by applying at least for the University of Mumbai, minor research project grant.
- Encouragement to staff and advanced students to collaborate/have linkages with the following for research at master's or doctoral levels:
 - Industry
 - Research institutes
 - Academic institutes
 - GOs & NGOs

3.2 **Details regarding major projects- NIL**

	Completed	Ongoing	Sanctioned	Submitted
Number				
Outlay in Rs. Lakhs				

3.3 **Details regarding minor projects**

	Completed	Ongoing	Sanctioned	Submitted
Number	3	4		(same as under completed)
Outlay in Rs. Lakhs	Rs. 87,000/-	Rs. 1,65,000/-		(same as under completed)

3.4 **Details on research publications**

	International	National	Others
Peer Review Journals	15	3	--
Non-Peer Review Journals	5	--	2
e-Journals	15	2	--
Conference proceedings	--	1	--

3.5 Details on Impact factor of publications:

Range	1 (Thomson Reuters) to 6.177 (SJIF)	Average	3	h-index	---	Nos. in SCOPUS	5
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3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects				
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College	1 year	University of Mumbai	2,52,000/-	1,63,000/-
Students research projects <i>(other than compulsory by the University)</i>				
Any other(Specify) Industry sponsoring chemicals and fabrics for research projects	1 year	Textile Industry	Materials sanctioned amounting to 15,800/-	Materials amounting to: 15,800/-
Total			2,67,800	1,78,800

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from NAP

UGC-SAP CAS DST-FIST
 DPE DBT Scheme/funds

3.9 For colleges NIL Autonomy CPE DBT Star Scheme
 INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy NIL

Level	International	National	State	University	College
Number	---	4	1	---	28
Sponsoring agencies		Association of Food Scientists and Technologists (India) AFSTI Mumbai Chapter; Protein Foods and Nutrition Development Association of India (PFNDAI); Malaysian Palm Oil; Kellogg's; Mead Johnson Nutrition; AAK Kamani Pvt Ltd.; New Horizons Health and Research Foundation; Indian Paediatric Association	St. Anthon's Chinese Restaurants; Origin Corporate Services Pvt. Ltd.		

3.11 No. of conferences/seminars/workshops organized by the Institution

3.12 No. of faculty served as experts, chairpersons or resource persons:

23 out of 28

3.13 No. of collaborations International: National: Any other:

3.14 No. of linkages created during this year: 176

3.15 Total budget for research for current year in lakhs:

From Funding agency From Management of University/College
 Total

3.16: No. of patents received this year---NIL

Type of Patent		Number
National	Applied	
	Granted	
International	Applied	
	Granted	
Commercialised	Applied	
	Granted	

3.17: No. of research awards/ recognitions received by faculty and research fellows Of the institute in the year

Total	International	National	State	University	Dist	College
	10	8	2	7	4	---

3.18: No. of faculty from the Institution who are Ph.D. Guides
 and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20: No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF SRF Project Fellows Any other

3.21: No. of students Participated in NSS events: **50**

University level State level (Mumbai) International level
National level college level

3.22: No. of students participated in NCC events: NIL

University level State level
National level International level

3.23: No. of Awards won in NSS:

University level State level
National level International level

3.24: No. of Awards won in NCC: NIL

University level State level
National level International level

3.25: No. of Extension activities organized

University forum College forum
NCC-NSS Any other

3.26: Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

Extension and ISR Activities of the Department of Foods, Nutrition and Dietetics:

- **ICDS:** Four FND staff members conducted a Nutrition Awareness Programme and Nutrition Assessment for adolescent girls from lower socioeconomic background from Chembur, Mankhurd, Govandi and Shivaji Nagar to commemorate National Girl Child Day) in collaboration with ICDS (11th October 2017).
- **Mobile Crèches Mumbai:** TY BSc FND students and PG Diploma (Dietetics and Applied Nutrition) students along with the faculty organised a half-day

workshop on “Nutrition, Hygiene & Sanitation” for the teachers of Mobile Crèches Mumbai (15th December, 2017).

- **Gnyan Jyoti Community College, Karasgaon**, Dist. Palghar (DHM centre for extension work with youth and families from tribal communities): MSc2 FND students conducted nutrition education programmes for members of Gram Sabha, women and children in three villages (24th to 27th January, 2018).
- **Institute of Social Service (ISS), Jeevandhara**, Kolad District, Raigad (DHM Centre for extension work with children, women and families from tribal communities): TY BSc FND students conducted nutrition education programmes for school children, adolescent girls, and pregnant/lactating mothers in tribal villages around Kolad (15th to 17th February, 2018).
- **Health Mela**: FND students and staff, along with NSS volunteers, organised a Health Mela for staff and students of the college and another college—Nirmala Niketan College of Social Work (23rd February, 2018).
- **ICDS Anganwadis**: TY BSc FND students conducted programmes for children in ICDS anganwadi, Malad West. They dealt with topics like ‘Balanced diet’ and cleanliness and hygiene in a fun way, with games and songs (9th March & 16th March, 2018).

Extension and ISR Activities of the Department of Human Development:

- **Extension activities at the Vidhyadeep Community College**, DHM Centre, Bharuch: HD TY BSc students and MSc2 students conducted extension activities for the 276 residential college students who were studying one of the following: Secretarial Practice, Home Science, English, Computers and Nursing (16th to 19th February, 2018).
 - The students conducted **four workshops** namely ‘Awareness on Child Sexual Abuse’, ‘Enhancing Self-esteem and Assertiveness Skills’, ‘Leadership and Communication Skills’, and ‘Group Dynamics and Team Work.’
 - Students also demonstrated and taught **self-help income generation activities**, using multiple learning centres, where the students came in small groups: The centres included teaching and learning to make items like jewellery box, lip balm, key chain, rugs, flowers, and learning skills like scarf styling, cup decoration etc.
 - Students also conducted an ‘**Each One Teach One**’ **cultural exchange activity**. They taught various things like dance, skits, songs, body percussions etc. to the girls and the Vidhyadeep students taught them many art forms from their culture which was showcased in the evening.
- **Extension activities during the study tour at the Aastha Old Age Home, Jodhpur** (8th March, 2018): One-on-one interactions with the elderly, gifting the elderly small pouch with a note inside on which was written a positive affirmation along with a powerful visual, talking to the elderly about the affirmation, prayer songs, and cultural entertainment programme.

TFT: The TFT Department is a Centre for Lifelong Learning and Extension of the University of Mumbai

The Theme for this year was “Reaching the Unreached”

- **Jamboree, A Student Led Intercollegiate Event**, held on 2nd February, 2018, included workshops and competitions of social relevance for example a donation drive of garments was organized. Garments were collected from students and also from all over Mumbai. The garments were distributed to needy people in the neighbourhood.
- **The One-day National conference on Reaching the Unreached through the New Frontiers of Technical Textiles** organized by the Department of Textile and Fashion Technology in the College Hall, 24th February, 2018, with sub-themes of eco-standards for technical textiles, smart and functional textiles, each essential to safety and sustainability of environment. In the Fashion Show, garments showcased included those designed for physically and mentally challenged persons. Acid attack survivors and artisans were involved in embellishing fabrics for the garments, which was a source of income for them.

The Department of Textile and Fashion Technology demonstrates its concern towards social responsibility by undertaking **socially relevant and eco-friendly research projects at master’s and doctoral level.**

- Reuse/Recycle, for example, Study on Sustainable Consumer Practices in Reusing Clothing
- Handicrafts and Traditional Textiles for example Making Khadi Contemporary, Traditional crafts of printing and painting Resist printing on denim fabric by the application of wax Cotton Khadi with varieties of Tea Leaves using natural mordants.
- Performance Textiles and their technical aspects and properties of textiles: Herbal mosquito repellent finish on knitted kids wear fabric, The healthy smart shoe for all. To dye cotton with natural herbs using cows urine, To study the presence of carcinogenic banned amines in fabrics purchased from local market, A comparative study of various microencapsulated finishes on different shirting fabrics for mosquito and UV rays protection, comparative study of dye uptake on woollen fabric scoured with conventional and enzyme scouring method, microencapsulation of decongestant and pain balm on nonwoven fabric natural dyeing on cotton and application of wrinkle free finish on milk, application of sericin on nylon casein fabric, application of aroma and anti - microbial finish obtained from natural source on cotton fabric, etc.

The department has undertaken social initiatives and training programmes to impart income generating hand skills in embroidery, stencil printing, tie and dye, block printing, screen making and printing, display, product finishing, pattern making, cutting and stitching of katori choli, surface embellishment techniques, organizing display and imparting marketing skills through the various fieldwork and extension activities that were conducted on weekly basis and two-day programmes in rural and urban set-ups. These included:

- Guiding underprivileged women students to teach easy to make marketable products at **Swayam Foundation** (Colaba)
- Teaching students, non-teaching staff and teachers of the school hand skills of tie and dye, block printing, stencil printing, crochet, Macrame, etc. at **Shishuvan School** (Matunga) on 2nd October 2017, a programme falling under Gandhiji’s Nai Talim.
- Empowering housewives of underprivileged sections and training them with textile skills at **Nirmaya Foundation** (Naigaon)

- Training the mentally challenged of underprivileged sections at the Society for the **Vocational Rehabilitation of the Retarded (SVRR)** in Tardeo.
- Empowering destitute women through training on textile skills at **Bapnu Ghar**, Annie Besant Road Worli
- Empowering **housewives of underprivileged sections** by training them with textile Skills at Premdan, (Colaba)
- Training partially blind people with textile skills at **National Association for the Blind**, Raey Road
- Training disabled children and their parents with textile skills at **Cheshire Home for the Disabled** (Marol)
- Training underprivileged children of the sex workers at **Navjeevan Center**, Murbad. Underprivileged youth (children of sex workers) were taught tie and dye, block printing, screen making, printing, and display by one group of TY TFT students on 1st and 2nd December, 2017. The youth were taught embroidery, stencil printing, product finishing, and display by the second group of TY BSc students on 15th and 16th December, 2017.
- Training students and faculty members of **Gyanjyoti Community College**, Kharasgaon. TFT MSc students (both MSc1s and MSc2s) taught pattern making, cutting and stitching of Katori choli, and surface embellishment techniques to students and teachers at the Community college on 13th and 14th of December, 2017.

Extension and ISR Activities of the Department of Community Resource Management:

- **International Breast Feeding Week**, programmes organised for ICDS workers, community workers, and adolescent girls at two ICDS Centres (Chincholi Phatak, Malad on 4th August 2017, and Ekta Nagar, Kandivali West, on 9th August 2017) which included a puppet show, role play, street play, and flash card presentation.
- **Seminar on How to Manage Money and How to be a Smart Investor** organised by the CRM Department staff and students for SY BSc and TY BSc students of the college (12th and 14th December, 2017).
- **Street Play on Jago Grahak Jago**, by CRM TY BSc students as part of CFBP, for different sections of the population.
- **Consumer Awareness Programme: Jago Grahak Jago** for ICDS animators and mothers of Anganwadi children:
 - Awareness campaign on food adulteration
 - Showing fake products
 - Street play
- **Collaboration with Lifelong Learning and Extension [DLLE] Mumbai University:** The TY CRM students took up the project on WOMEN's ISSUES as part of their DLLE work.
- **Community Work:**
 - **ICDS Community Centres:** CRM TY students conducted entrepreneurial skill teaching activities for ICDS Animators and mothers of Anganwadi children, keeping in mind the theme of Reaching the Unreached:
 - i. Envelope making along with quilling
 - ii. Making paper bags
 - iii. Best out of waste

- iv. Coaster making
- **Navjeevan Centre** (NGO serving underprivileged women and children): CRM TY students conducted activities for children aged 6 to 10 years.
 - i. Puppet show on importance of fruits in the diet
 - ii. Importance of physical activities
 - iii. Personal grooming and sanitation
 - iv. English recitation & building English vocabulary
 - v. Recreational activities: games and songs
- **Rural camp:** 13th, 14th and 15th February, 2018, at Institute of Social Service (ISS) Jeevandhara, Kolad, Dist. Raigad (DHM centre for extension work in tribal communities). Keeping the theme “Reaching the Unreached”, the following activities were conducted by the CRM TY BSc students:
 - For Women:** Entrepreneurial skills :
 - Jewellery making,
 - Low cost nutritious recipes (e.g. Peanut chaat)
 - Bowls made of paper.
 - For Balwadi children (age 6yrs to 10 yrs)**
 - Art and craft activities: Finger painting, ear bud painting.
 - Same paper was used for origami.
 - Puppet show on Personal Hygiene
 - Animators:**
 - First Aid procedure: Different types of Bandages
 - Home technique of making Sanitary Pads
 - Multi grain masala puri (low cost nutritious recipe)
- **Rural camp:** 13th, 14th and 15th February, 2018, at Gyan Jyothi Community College, Kharasgaon (DHM Centre). The following activities were conducted by CRM TY BSc students for Warli tribe students of the community college:
 - Introduction to Housekeeping Operations.
 - Importance of housekeeping in Hotels, Hospitals and other institutions.
 - Career opportunities.
 - Grooming and language skill.
 - Cleaning procedures
 - Guestroom cleaning
 - Cleaning of other articles
 - Napkin folds.
 - Table setting
 - Bed making.
 - Other skill development training

Extension Activities of NSS Volunteers

The college has one NSS unit with strength of 50 students, 1 Programme Officer and 3 Teachers in the committee. This academic year 21 students successfully completed 120 hours and 10 students completed 240 hours.

The Regular activities of NSS were carried under four heads namely i) Awareness related to health and activities for elderly ii) Environment protection and ecological conservation iii) Road safety iv) *Swach Bharat Abhiyan*.

i) Awareness related to health and activities for elderly:

- The 3rd **International Day of Yoga** was observed in our college on 21st June, 2017. Ms Niti Dhulla student of TYBSC (Foods, Nutrition & Dietetics) conducted a session on guided meditation on the Public address system which reached the entire college (approximately 1000 members of college including students and staff). Our Alumna Ms Chitra Pandhi a trained and certified yoga practitioner conducted a session in the afternoon for students, Teachers and Non-teaching staff.
- A **recreational session was planned for the elderly women of ‘All Saint’s Home’** from 5:30 pm to 7:30 pm on 8th October, 2017.
- **Blood donation camp** was organized by Sir J. J. Hospital, Lions Club and Bharat Merchants’ Chamber at Churchgate station on 30th November & 1st December, 2017. Ten NSS volunteers helped in conducting the blood donation camp.
- NSS volunteers participated in **‘Terry Fox Run’ for Cancer Awareness** on 28th January 2018 at Brabourne stadium.
- **‘Health Mela’** was organized by the Diet Counseling Centre and Dept. of Foods, Nutrition and Dietetics on 23rd February, 2017 in our college. The NSS volunteers helped in the arrangements as well as in registrations. MDRI, PATUT, Lions club of Bombay Queensway, ROTTO-KEM and Glenmark were our partners. The beneficiaries of the Health Mela camp were as follows 400 (staff and students of Nirmala Niketan), Bone Mineral Density- 112, Lung function test- 55, Organ donation form was filled by- 31 persons, Stem cell donation- 127, Thalassemia and anemia detection- 188, Fitness test- 104 and Body composition- 134.

ii) Environment protection and ecological conservation:

- As a part of the Celebration of **Vanmahotsav** volunteers organized street play on tree plantation on 5th July, 2017 on the importance of tree plantation in front of the college and in *Khao galli*. Staff and NSS volunteers organized a tree plantation in our garden area, where three papaya saplings were planted. A total of 19 saplings like Ashoka, Tamarind, Cashewnut, Mogra, Tulsi, etc were planted at D’souza Garden, Marine Lines.
- On 21st July, a dialogue on **environmental conservation** was organized by Public Concern for Governance Trust at A.B.A College of law, Dadar (West), Mr. Bittu Sahgal, an environmental activist was the speaker for the event.
- On the occasion of Ganesh Chaturthi volunteers made **500 newspaper bags** in the college and distributed in various areas like Lower Parel Sanmil galli , Mayur Mitramandal , Worli BDD chawl , Mahavir Nagar Kandivali , Lodha Heaven , Chembur market area , Sai Baba Nagar Chembur , Dombivali MIDC, etc.
- On the account of **International Coastal Clean-up Day**, the ‘Green Line team’ had organized beach cleaning drive at Versova beach on 16th September, 2017 from 2-5pm, our volunteers participated in it.

- **Segregation of dry and wet waste** a project for the NSS volunteers by the NGO Green Society was undertaken by the college. Volunteers visited different societies and met the Chairman of the societies to explain the importance about cleanliness and segregation of dry and wet waste and converting it into vermicompost.

iii) Road safety awareness:

- On 22nd August, 2017 a **road safety workshop** was organized by ‘United way of Mumbai’ for NSS volunteers of our college. It focused on the methods and measures used to prevent road users from being killed or seriously injured. In all 22 volunteers completed the training.
- On the 27th of November, 2017 ‘**World Remembrance Day for Road Accident Victims**’ was observed by the NSS unit, the guest of the event came from ‘United Way of Mumbai’. Quiz, Poster making competition was organized by NSS unit of our college.
- **Road safety workshop** was held by “United way of Mumbai” on 24th November, 2017 at Mahalaxmi at to teach about the different parts of a vehicle (Two Wheeler) and for safety of riders. Rocky Singh and Mayur Sharma from Time's now (Highway on my Plate” - Happy Roads) were also a part of the show as Anchors.
- 15th January to 20th January was celebrated as a **road safety week** by Jai hind and an advertising festival was organized by the Jai Hind College for the same. NSS volunteers of our college participated in it. The purpose of this activity was to learn the rules and guide the vehicles according to the signal under the guidance of the traffic police.
- On 23rd January, 2018 a **road safety awareness program** was organized by the ‘United Way of Mumbai’ in collaboration with NSS unit of our college through various games.

iv) Swachh Bharat Abhiyan:

- On 29th July 2017, the NSS volunteers participated in a **cleanliness drive** near Churchgate Station which was organized by Mr. Rajesh Mandawal (The BMC officer). The purpose of the programme or activity was to bring awareness of segregation of garbage as wet waste, dry waste, e-waste (electronic waste). The volunteers interacted with the public at large and asked questions regarding waste management.
- On 4th August, 2017, a **Swachh Bharat Oath taking program** was held in our college.
- On 17th August **Swacch Bharat rally** was organized by the NSS unit of the college covering areas near the college.
- An **Intra-collegiate poster making competition** was organized to encourage students for Swachh Bharat Awareness. On 13th October, 2017 students displayed posters for

spreading awareness about *Swachh Bharat* at Churchgate station. It started at 12:00 noon and ended at 2:00 pm.

- On 14th February, **Flash mob on ‘Swachh Bharat abhiyan’** was organized by the NSS unit of the college. It was performed in front of the college. The purpose of this flash mob was to spread awareness about *Swachh Bharat* among the people.
- NSS volunteers spread the message of cleanliness by implementing **consciousness towards maintaining cleanliness** at various events e.g. at ‘Terry Fox Run’ and at the Inter-collegiate sports competition at Sports complex, Azad Nagar, on 12th February 2018.

University activities that the NSS volunteers attended were as follows:

- 160th Foundation day of Mumbai University on 17th July 2017 at Convocation Hall, Mumbai University.
- Peace rally for Nuclear Free World on 5th August 2017, on account of Hiroshima Day a rally was organized by the Mumbai University. This rally began from CST Azad maidan to Hutatma chowk.
- On 9th August, Waste Management Workshop was organized by the waste management committee under the affiliation of Mumbai University. It was held in K. C. College.
- On 13th August a World Peace and Harmony Conclave event was organized at Worli.
- On 4th September 2017, ‘Ind-Chin-Pak Dosti’ talk was organized by Public Concern for Governance Trust at St. Xaviers College. The purpose of this program was to have a close view on the problems between India - China and India - Pakistan and its remediation.
- The Mind Training Workshop organized by IYF (International Youth Foundation) and Guru Nanak College on 8th September, 2017. The purpose of this program was to make our minds develop and adjust according to the ever changing fast paced world.
- On the occasion of NSS day, 24th September, 2017 a State Level Award function was organized at the University Convocation hall, Mumbai, three NSS volunteers of our college attended it.
- Bhajan Sandhya on 2nd October, 2017 at Gateway of India.
- Youth’s role in fighting corruption was organized by public Concern for Governance Trust at Jai Hind College on 13th October 2017.
- On 21st October, 2017 Red ribbon club organized a session on HIV and AIDS.
- On 31st October 2017, the NSS volunteers participated in National Unity Day (Rashtriya Ekta Diwas) was organized by Ministry of Youth Affairs and Sports Government of India to commemorate the birth anniversary of Sardar Vallabhbhai Patel. The Run for unity started from Marine drive (air India building) and ended at Charni Road Chowpati (Girgaon Chowpati) from 7.30am to 10.00am.
- On 26th November 2017, Constitutional day was celebrated with a run from Worli sea link to Chaitya Bhoomi.

- A Disaster management camp was held at Lala Lajpatrai College of Commerce and Economics for two days i.e. on 29th and 30th November, 2017 from 10am-5pm.
- On 24th January, fire awareness program was organized at the Bombay stock exchange building.
- Stand up for pre-eminent India workshop was organized by University of Mumbai NSS cell in collaboration with K. C. College.
- Unity in Diversity programme was organized on 6th February by Public Concern for Governance Trust.
- Sankalp event of Lala Lajpat Rai College of Commerce and Economics on the 12th of February, 2018.
- On 16th February, Organ donation camp session was organized by NSS College at Mumbai Central.
- Personality Development Workshop was conducted at Wilson College.
- A session on ‘Exam stress Management’ was organized at K. C. College where some yoga techniques were taught to students to relax their mind and to relieve stress.

College Level activities: Students also participated and volunteered for various College level activities like the breast feeding week celebration to promote the importance of breast feeding. Waste management session was conducted to disseminate information acquired from the Green Society.

NSS Special Camp was organized from 26th December, 2017 to 1st January, 2018. Twenty NSS volunteers attended the special camp along with NSS teachers. It was a residential camp at **Gnyan Jyoti Community College**, Karazgaon. The main activities conducted were for the tribes and villagers under *Swachh Bharat Abhiyan*.

- Two compost pits were dug for waste disposal along with demonstration and a talk on construction of compost pit.
- The preparation method of Healthy recipes from locally available ingredients rich in nutrients especially proteins and micronutrients were demonstrated.
- A twenty feet long *Vanrai bhandara* was built at a river near Narlipada Junction for water conservation.
- The students from *Palika Prathamik School* were involved in the *Swachta* rally. NSS volunteers also interacted with the students of the school and played games and taught skills like mask making.
- The students of Palika Prathamik School were also invited for the Inaugural session.

The NSS Programme Coordinator of University of Mumbai Mr Balasaheb Bidve paid a surprise visit at the camp site; he appreciated all the *Shramdan* and awareness related activities conducted by the NSS volunteers.

This academic year marked the completion of three years of active participation in NSS activities. It resulted in the overall development of the students giving them an opportunity to be involved in many community activities both in an urban and rural set up.

Criterion – IV : 2017 -18

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	1,335.5 sq.m	Nil	NA	
Class rooms	3 Large 8 medium sized 4 small	Nil	NA	
Laboratories	3 Chemistry labs 1 Research lab 1 food labs 3 clothing labs 1 instrument room 1 ID lab 1 computer lab with cybercafé 2 Multipurpose labs(1 st floor and 4 th floor)	NIL	NA	
Seminar Halls	1 hall AV room /Conference Room	NIL	NA	
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	(2016) 325	(2017) 333 (for further details refer appendix)	Lab Fees	
Value of the equipment purchased during the year (Rs. in Lakhs)	Approx. Rs. 1,111,000	Approx. RS 823,578.511	Lab Fees	
Others				

4.2 Computerization of administration and library

General Office:

Computers=3

Printer= 1 (black and white)

Copier machine=1

Internet facility =all 3 computers

Lap top =1 (Ienova)

Printer =1 HP Jet

Scanner

Xerox Machine

IQAC Room

Laptop= 1

Printer=1

External Hard disk=1

Pen drives=12

Account office:

Computers=3+1 (Dell monitor and CPU assembled)

Printer=

- Dot Matrix=2
- Laser =1

Internet facility available

Internet Room:

Computer=1

Internet facility available

Principal's Office:

Laptop = 1

Internet facility available

Printer -1

HOS Room:

Computers: 4

Printer: 1

Internet facility - all 4 computers

Library:

Computers=10

Modem= 1

Printer= 1

Barcode scanner=1

Barcode printer=1

- 2 New computer added in library for Staff in PhD room
- 2 new journals added in 17-18
 - Indian Food Packer (Print + online) 1200/-
 - Journal of Food Science and Technology (print +online) 5385/-
- New Printer LaserJet M1136 (with Scanner and Xerox) install in the Library.
(Replaced old one)

4.3 L library services:

	Existing (Year 16 to17)		Newly added (Year 17-18)		Total (2016-17 +2017-2018)	
	No.	Value	No.	Value	No.	Value
Text Books	122	85374	76	43746	198	129120
Reference Books	72	303794.19	79	147019	151	450813.19
e-Books	-	-	4	-	4	
Journals	35	91790	28	133675	63	225465
e-Journals	9	309236	9	353339	18	662575
Digital Database	1	5750	1	5900	2	11650
CD & Video	-	-	-	-	-	-
Others (specify) Newspapers	7	-	7	-	14	-

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart- ments	Others
Existing	84	1	9	9	1	2	10	3
Added	replaced	NIL	-	-	-	-	-	
Total	84	1	9	9	1	2	10	3

☞ WI – FI available on 3rd, 4th, 5th, and 7th floors.

4.5 Computer, Internet access, training to teachers and students and any other programme for technology

Up gradation (Networking, e-Governance etc.)

- “AUTOCAD” ID Software – 10 days course for ID Elective Students: 12 Students. (Community Resource Management) participated
- MS office, Coral draw, Adobe Photoshop: Value added computer course for FY and SY BSc students (6 months)
- One-year Diploma in CAD CAM for Ty and MSc Textile and Fashion Technology on Rich peace pattern making and design software, Coral draw and Web designing.
- Sessions on SPSS software: Duration 3 days approximately 8 hrs session to Msc part II Human Development students
- One week course on Research Methodology and Statistics (including 2 days course on SPSS) FOR Research Scholars: 10 Research scholars attended this course
- 2 Hrs session on software for Diet planning was conducted for all students of MSc 2 and PGDiploma.

4.6 Amount spent on maintenance in lakhs :

Particulars	CHS - Non Salary		CHS - Fund A/c		NNI Trust		Gross Total	
	Assets	Repairs/ Maint	Assets	Repairs/ Maint	Assets	Repairs/ Maint	Assets	Repairs/ Maint
ICT (Computer & Computer Software)	1,310,308	314,480		38,903	-	-	1,978,431	664,795
Equipment	807,332	45,930	863,563	64,562	-	-	1,853,330	138,562
Infrastructure	-	39,702	-	4,504,895	-	3,313,664	-	8,144,440
Library Books	225,804	-	152,521	29,498	-		397,950	29,498
Total	2,343,444	400,112	1,016,084	4,637,858	-	3,313,664	4,229,712	8,977,295

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

The IQAC creates awareness about various services available for the growth and progress of the students verbally, through whatsapp, Facebook, SMS, notices, public announcement system, hand-outs, posters, e-mails, etc. Students are further motivated to participate and conduct various events in the following ways:

- Encouraging students to participate in various activities via different committees such as cultural committee, sports committee, diet counselling committee, employment committee etc.
- Awareness through participation in various events like Seminars/ Conferences/ Talks /Sessions/Workshops/camps are organized in different fields for career advancement, technology, grants, ethics in research, research method and statistics, new policies, welfare schemes, career guidance for higher studies (India and Abroad), health and nutritional awareness, and many other social aspects for the development.
- Initiated and implemented various software's for better management and ease for students, like Onfees.com for online fee collection
- Students are encouraged to plan, organize and manage college and intercollegiate events/seminars/workshops/talks/etc. like Jamboree, market,/Entrepreneurship Incubation Cell etc.
- Students are given opportunity to design, construct and showcase their creations at college and intercollegiate level which gives them self-confidence and recognition for their hard and smart work.
- The concept of entrepreneurship is initiated by experts. Students identified their mentor and were supported by them to be successful entrepreneurs. Entrepreneurial skills are developed in the students by guiding them to organise events, markets, seminar, etc.
- Visits and Educational tours are organized to give hands on experience and exposure to the rich heritage and culture of India and the various industries.
- Students are mentored by the staff in smaller group for the personal and academic progress and development.
- Various scholarships available in the course of the year are announced by displaying at strategic points, regular announcements, through the Co-ordinators and the Head of the Department. Students were regularly informed about the various scholarships available and are encouraged to apply for the same.
- NSS actively work towards various aspects of awareness and events related to social causes.
- Students are prepared to face the job market by guiding them on resume writing and personal grooming.

5.2 Efforts made by the institution for tracking the progression

- Alumni are encouraged to register in the alumni association when they visit for administrative work to college.
- This year the employment placement committee of the college, contacted the alumni for the 'Career fair' organized by the college. The alumni looking for work and change of profile attended this session.
- Teachers are regularly in touch with the students and vice versa. This way, teachers are updated about students' progression; in turn the same is reported to the department staff.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others*
497	149	21	20

*Post Graduate Diploma in Dietetics and Applied Nutrition

(b) No. of students outside the state 04

(c) No. of international students NIL

d)

	No	%		No	%
Men	3	0.44	Women	684	99.56

e)

Last year						This year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total

2016-17								2017-18							
General	SC	ST	OBC	Physically Challenged	NT	SBC	Total	General	SC	ST	OBC	NT	SBC	Physically Challenged	Total
487	22	01	38	03	03	06	657	583	25	01	61	05	06	06	687

f)

Demand Ratio 3.604

Dropout % 3.2%

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

Informally counselling is carried out by the mentors and faculty members for National Eligibility Test (NET), State Eligibility Test (SET), Registered Dietician (RD) Exam & Ph.D. Eligibility Test (PET)

No. of Students benefitted from *informal* Counselling for NET/SET exam:

No. of students beneficiaries	73
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5.5 No. of students qualified in these examinations

NET	<input type="text" value="4"/>	SET/SLET	<input type="text" value="0"/>	GATE	<input type="text" value="0"/>	CAT	<input type="text" value="0"/>
IAS/IPS etc	<input type="text" value="0"/>	State PSC	<input type="text" value="0"/>	UPSC	<input type="text" value="0"/>	Others	<input type="text" value="2"/>

5.6 Details of student counselling and career guidance

1. Student Counselling:

Institute has appointed a counsellor for the staff and students. There are individual counselling and follow-up being carried out by well-trained counsellor twice a week. The counsellor also meets the groups regularly and trains them on various issues like time management, stress management, etc.

No. of students beneficiaries

2: Career counselling

Employment placement cell conducts various sessions by experts in the field
Professional communication and grooming by Mr. Stephen Moras

No. of students beneficiaries

3: Career counselling

: Employment placement cell conducts various sessions by experts in the field
CV writing skills and interview skills by Ms. Shruti Khanna

No. of students beneficiaries

124

4: Career counselling

One day seminar on “Training the next generation of Successful Entrepreneurs” on 12th September 2017 was organized through Entrepreneurship Incubation Cell by the Department of Textile and Fashion Technology.

No. of students beneficiaries

51

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed*	Number of Students Placed*
FND- 8	FND- 101	FND- 1	FND- NA
HD- 8	HD- 47	HD- The students are given orientation of these organizations after which they independently contact.	HD- NA
TFT- off campus	TFT- off campus	TFT- off campus	TFT- 11 (internships)
CRM- off campus	CRM- off campus	CRM- off campus	CRM- 6

5.8 Details of gender sensitization programmes

- Various topics on gender sensitization were covered as part of syllabus across all the levels.
- A session on "Dream Building" for S.Y.B.Sc. students on the 15th and 18th of December 2017.
- A session on ‘Human Trafficking’ was organized by Women Development Committee (WDC) in collaboration with International Justice Mission (IJM) on 13th September 2017.

- Commemoration of International Women's Day was held on 7th March, 2018. The chief guest of the programme was Advocate Abha Singh.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

Sports: State/ University level National level International level
 Intercollegiate: Local:

No. of students participated in cultural events

Cultural: State/ University level National level International level
 Intercollegiate: Local:

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports: State/ University level National level International level
 Intercollegiate: Local:
 Cultural: State/ University level National level International level
 Zonal Level Intercollegiate Local:

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	-	76250/-
Financial support from government	-	Passed by govt. but students still to receive in their bank account
Financial support from other sources	-	2650/-
Number of students who received International/ National recognitions	-	-

Breakup of Rs. 76250/-

- Need Based Scholarship for students =Rs. 55600/-
- Need Based Scholarship for Class IV Employee or Their Ward-Rs 4500/-

- **Merit Based Scholarship for the students = 16150/-**

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Local -

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: 1 case

Criterion – VI 17-18

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision of the College:

The college aims at the total development of the Indian Women, by providing learning opportunities to empower her with knowledge, skills and attitudes, to face personal and professional challenges with confidence, inculcating values of respect, commitment and concern for the service of others, thereby enabling her to make a positive contribution to the society in the 21st century.

Mission of the College:

- To work dedicatedly towards women's empowerment through socially-relevant, holistic, interdisciplinary education.
- To sensitize students to the needs of others, especially of those less advantaged, and foster a service orientation.
- To respect egalitarian justice, use participatory governance, and build capacity among students and staff.
- To continually innovate and deliver a curriculum that is globally valuable, locally relevant, and responsive to changing times and needs.
- To forge and enhance linkages with communities and organizations at multiple levels (e.g., local, regional, national, and international).
- To contribute to the national and international knowledge base in Home Science and allied fields.

6.2 Does the Institution has a management Information System

- Biometric system for the employee's attendance, Data is sent to the Joint Director.
- OPAC data system in the library to track and manage library resources.
- A new software On Fees has been installed by the accounts department for online payment of fees.
- MIS is in the process of being installed.

6.3 Quality improvement strategies adopted by the institution for each of the following:

- The syllabus revision approved in the last academic year has been implemented for TYBSc and MSc 2 from this academic year.
- In order to revise the syllabus, what is offered by other universities and colleges is reviewed and feedback is taken from various stakeholders i.e. students, industry, teaching staff, experts in the field. This year feedback about the curriculum has been collected from graduating students, parents, alumnae and employers by use of digital Google forms.
- Introduction of new innovative courses. (eg. Alternative Therapies for Health)
- In keeping with “Make in India” and “Start Up India”, the syllabus has been revised to include courses in Entrepreneurship in every branch. The aim was to create more employment opportunities and equip students to be analytically and technologically savvy
- Implementation of the SYB.Sc syllabus was different this year, it was made Choice based. Unit 1 and 2 of the syllabus remained unchanged and students were able to choose the contents of third unit of the syllabus. The unit taught was the one opted for by majority of the students.
- The syllabus of the value added computer course was revised to make it most relevant to the current needs.
 - The FYBSc syllabus focused on tools and techniques for creation of visual aids and computing
 - In the SYBSc syllabus the objective was to create a resource base for entrepreneurship. Relevant aspects of social media marketing were included.

6.3.2 Teaching and Learning

- Use of innovative, student friendly, student centric, participatory teaching-learning methods
- Talks organized on various topics by experts for staff and students
- Industrial visits organized to learn various processes. Other learning opportunities were provided by organizing visits to hospitals, research laboratories and other academic institutions
- An MOU of the FND Department with Jaihind College was renewed for three years.
- Organizing internships for students.
- Regularly updating the library and improving laboratory facilities.
- Staff are required to submit work plans at the beginning of the year and are encouraged to regularly maintain the teacher's diary
- An academic calendar is prepared by each department at the beginning of the year. Departments are encouraged to arrange seminars, workshops and guest lectures related to their subjects.
- At the end of the academic year students were asked to anonymously evaluate the faculty using Google Forms. The Principal also took feedback when she visited the classes.
- The CAS (Career Advancement Scheme) procedure which was actively pursued this year as well.
- Staff are encouraged to undertake Minor Research Project of Mumbai University as well as University Grants Commission.
- Coordinators of practicals discuss with the team of other practical teachers about content and methodology for conducting the course so that consistency in quality is maintained.
- Interdepartmental sharing of expertise- Staff from one department are invited as resource persons to conduct sessions for another one.
- Encouragement of students to extend their knowledge to, and learn from, the community through extension programmes. The T.Y.B.Sc students of the Community Resource Management and the Textile and Fashion Technology specializations collaborated with the Department of Life Long Learning and Extension of University of Mumbai. Other specializations had collaborated with different agencies for their extension work.
- Encouragement of students to participate in research competitions, conferences and workshops (U.G. & P.G) organized by other institutions/organisations.
- Encouragement of student-centric and participatory teaching-learning methods. (Discussions, projects, assignments, peer mentoring, internship, etc)
- Provision of better infrastructure facilities in the class room, eg- Installation of latest Juki Machines in the clothing laboratories, purchase of new equipment for Ergonomics practical.

- Appreciation of students for their achievements
- Catering to student diversity.
- Encouraging students to learn from observations, interaction with people, “Hands-on – learning experience” and encouraging them to organize need-based activities for the community (e.g. Conduct interviews, interact with people, organise extension activities, work with NGOS etc)
- Nurturing critical thinking, creativity and scientific temper among the students by adopting various technological and innovative teaching approaches.
- Continuation of mentoring system to guide and help students.
- Providing opportunities for upgrading capacities of teaching faculty by attending seminars/conferences, presenting and publishing papers and participating in training programmes.
- Organizing staff and student development programmes from time to time.

6.3.3 Examination and Evaluation

- As per the directives from University of Mumbai
 - On Screen Marking has been implemented from June 2017. The college has been designated as a mini OSM center.
 - The mid semester unit test has been discontinued for S.Y.BSc. and will be discontinued for TY.BSc from this year (2018-19) onwards
- New rates of remuneration for paper setting, assessment, moderation have been implemented.
- The pattern of practical examinations in the FND department has been changed this year to give more emphasis to planning of diets/meals over cooking.

6.3.4 Research and Development

Research

- The college encouraged applications from staff and students for Avishkar- Inter University Research Convention, and financially supported their entries. Prior to application for the competition, the college organized an orientation for all would-be applicants.
- Awards for the students of the Department of Foods, Nutrition and Dietetics have been instituted for research by the following: -
 - The staff of the Department of Foods Nutrition and Dietetics
 - Indian Dietetics Association
- The IQAC organized a talk by Dr. Shobhana Vasudevan on ways to promote research in an institution. This was as part of the preparation for new accreditation.
- The college facilitated staff to apply for Minor Research Grants (UOM) for this academic year.
- The college continues to support staff and students towards research publications and presentations.
- The college supported the Ph.D scholars by conducting the 6 days pre-requisite course in “Research Methods and Statistics”

6.3.5 Library, ICT and physical infrastructure / instrumentation

- The library has an ongoing inter – library loan facility with Anjuman - I – Islam’s A.K. Hafiza Institute of Hotel Management and Catering Technology
- An MOU has been signed with Jai Hind college for the Inter Library loan facility for one year from June 1, 2017 to May 31, 2018.
- A three- day book exhibition-cum-sale was held from 11th to 13th December, 2017. Many librarians from other colleges visited the exhibition.
 - Marathi Bhasha Divas was celebrated on 27th February 2018 in the library as well with a display of different categories of Marathi books .44 Marathi books were purchased for the library during the year 2017-18 and were displayed on this occasion.
- Continuation of the Best Readers Award to encourage and inculcate reading habits among students. An annual award is given to a UG and PG student. The award carries a certificate and a trophy.
- Books, e-books, e-journals, Software and equipment have been purchased to enhance teaching learning and to meet the needs of the revised syllabi. Two new journals have been added this year.... Indian Food Packer (Print + online) and Journal of Food Science and Technology (print +online).
- Two new computers have been added in library for Staff in the PhD room and a new Printer LaserJet M1136 (with Scanner and Xerox) has been purchased to replace the older one in the library.
- Continuation of providing Wi-Fi facilities for students and staff in the library and for staff in the staff room.
- The college took the initiative to negotiate with Fitterfly and obtain a software developed by them for diet calculation. This extremely useful software updated with the most recent food composition values could be used by all students of the Department of Foods, Nutrition and Dietetics and was provided free of cost.
- The college organised a fund- raising “Musical Nite” on 7th January 2018 to generate funds for the much needed infrastructural repairs. The amount generated is Rs 8,29,564/- approximately.
- The management undertook major structural repairs, renovation of toilets, installation of NapiVend machines (Sanitary pad- dispenser and incinerator).
- New LED screens were installed.
- A safety device (Automatic Rescue Device) for safe landing of the lifts in the event of power failure was installed in both the elevators.
- There is increased CCTV coverage in the college premises.

6.3.6 Human Resource Management

Student:

- Extension activities are organized to sensitize students to the situation in society and societal needs especially those of the underprivileged sections. Outreach activities are conducted in blind schools, orphanages, rural schools, slums to sensitize the students and teachers to the importance of diversity and equity.
- The NSS program is ongoing. It enables students to develop leadership skills and to become responsible citizens.
- Talks on various issues are organized to prepare students to understand and deal with social issues like democracy, women's safety and legal rights of women.
- A discussion by students on religions like Hinduism, Islam, Jainism, Christianity, Buddhism, and Zoroastrianism organized on 30 November 2017 helped them gain knowledge about the different religions and their principles and fostered understanding and tolerance for all.
- To promote non-violence, on the occasion of the death anniversary of Mahatma Gandhi, the InterFaith Committee organised a session entitled "At Home with Peace". Students were urged to get familiar with the Constitution and Earth charter in order to become agents of non-violence in the context of the increasing violence worldwide against the poor and Mother Earth. The peace talk was then followed by a silent Peace March to Azad Maidan.
- Students are encouraged to be creative and showcase their talents at Nirmal Utsav (the annual cultural event) and various college and intercollegiate events.
- Students attend training sessions to add on to their knowledge and skills beyond the scope of the syllabus. Eg:- -Training in "Basic Techniques in Microbiology- Practical Aspects" for TYBSc (FND) students, a 2-day Certification Training on HACCP, CAD/ CAM Diploma course for TFT students, 5 days' workshop for ID Elective students AUTO CAD.
- Provision of additional learning opportunities in the form of Value Added Courses to enrich students who have the capability. This enhances their creativity, entrepreneurship and helps develop skills.
- The dates of internal examinations are modified/ changed, to encourage greater participation in extracurricular activities.
- Physical fitness is an area of focus. Students are encouraged to avail of services at the gymnasium. An Anaemia and Thalassemia detection camp was organized in order to detect those students who needed intervention. Indoor sports and an annual sports day were organized. Students were supported in participating in Inter Collegiate sports events. This year too, a program was organized to commemorate the National Sports Day.
- Mental health is also given importance. The counsellor conducts group sessions for students and those with individual problems are motivated to meet her after taking an appointment.
- A group of approximately 20 students is assigned a mentor who helps students (mentees) to overcome any kind of problem they have and thereby strengthens teaching and learning process.

→ Staff:

- Continued support and encouragement for staff participation in short term courses, seminars and workshops.
 - As a part of skill upgradation one staff member attended a 2-day Certification Training on HACCP by lead auditor Sanjay Indani on 1st and 2nd December 2017.
- The faculty is also encouraged and supported to make oral or poster presentations and publications at local, national and international levels.
- Staff members' efforts are facilitated by the physical availability of computers, printers, internet facilities, even Wi-Fi in the staff rooms. Staff have also been given access to free Internet.
- Teachers are given duty leave for paper presentations, and registration fees are reimbursed by the college for IQAC seminars and for seminars/conferences where staff are deputed by the college.
- Health camps viz. Bone Mineral Density Camp and Asthama, Anemia, and Thalassemia detection camp were organized for both teaching and non-teaching staff in order to detect whether Asthama, Anaemia and Thalassemia, osteopenia or osteoporosis was present. Medical advice was provided to those who required it.
- To improve flexibility and improve concentration, a session on simple yoga exercises was conducted on the occasion of World Yoga Day, 21st June, 2018. Teaching, non-teaching and support staff participated in the same.
- Teachers are made conveners or members of various committees and are given opportunities to strengthen their leadership, organizational, management and other skills.
- A self-financed picnic was organized for the teaching staff to Igatpuri.
- A partly financed picnic was organized for the non-teaching and support staff to Kharasgaon.
- Separate meetings of the teaching staff were conducted with the Principal periodically, to deal with academic issues. The non-teaching and support staff had meetings with the staff in charge at regular intervals to provide a platform for informal discussion and improvement of the working environment.
- The support staff were included in the Fashion show organized during Jamboree- the event organised by the TFT department. They walked the ramp and this helped in boosting their confidence.
- Pot luck lunches organized by teaching and non-teaching staff help in bonding of each of the groups.

6.3.7 Faculty and Staff recruitment

- Faculty and staff recruitment is done as per government norms. New recruitments both teaching and non-teaching have been done by word of mouth publicity.
- Management endeavours to fill the vacant positions for which NOC has not been obtained.
- Since the government sanctioned posts are too few to carry out all the functions of the office, some non-teaching staff are management employees.

6.3.8 Industry Interaction / Collaboration

- The college constantly makes efforts to maintain strong links with the industry and to increase the number of collaborations. This enhances learning and creates employment opportunities for the students.
- The Employment Placement Cell invites companies to make presentations to students and to canvass job vacancies. Industry also communicates with the different specializations when they need employees.
- To provide an ongoing active learning all the specializations organize visits and industrial tours within and outside Mumbai. This interaction with industry results in the student learning, through observation of various techniques/processes as well as assists in upgrading their knowledge.
- Internships in the industry organized by the college provide quality “hands on” experience. These interns are sometimes offered jobs by the company.
- Some projects, seminars and conferences are supported through industry aid, either financially or in kind.
- Some companies also support dissertation and other research work of students through making expertise, facilities, chemicals etc available to the students.

6.3.9 Admission of Students

- The college is a Christian minority, aided institution. Admission of students and the reservation policy are followed as per government norms.
- Students are selected for admission on the basis of their past academic record. An entrance test / interview may be held only at the post graduate level, depending on the course to which the admission is sought.
- Only women students are admitted to the UG course. Both men and women are encouraged to apply to the PG courses, however preference is given to women at the PG level.
- Selection of students into the four specializations is done after consideration of their stated choice as well as according to merit.

6.4 Welfare schemes for

Teaching	<ul style="list-style-type: none"> • Due to delayed payment of salaries by the Government, the full salary-is advanced by the management in order to enable the staff to receive their salary within the first few days at the beginning of the month. • Salary advances are given to the newly appointed staff who have not yet received salary from the Jt. Director’s Office, Govt. of Maharashtra. • Leave has been granted for career advancement (participating in Orientation/ Refresher courses) as well as for staff members to be with their family e.g for examinations of children, etc. • Staff are encouraged to attend workshops and conferences at local/national/international levels. They are also motivated to present papers and posters. • On Teachers’ Day students expressed their appreciation and gratitude for their teachers. • To reemphasize the mission of the management and to promote interaction between staff of the Institute, Institute Day was celebrated on 8th December 2017. • Festivals are celebrated eg- Diwali and Christmas. • Health Mela was organised for staff (Thalassemia and anaemia detection, bone density detection, lung function and body composition analysis, diet counselling). • An overnight picnic to Igatpuri for staff and their families was organised on 14th and 15th August 2017.
Non teaching	<ul style="list-style-type: none"> • Financial / other assistance when the staff or family members are sick eg helping them contact consultants • Salary is advanced by the management due to delay in release of salary by Government in order to enable the staff to receive their salary within the first few days at the beginning of the month. • Interest free loans are also given to those staff members who apply for the same. • A scholarship is given each year for a child of a support staff who has finished Std X and is pursuing further studies. • In order to keep on par with Govt support staff, uniforms & washing allowance are given to those support staff employed by the management. • Staff are encouraged to attend workshops and conferences. The registration fees for the same are paid by the college.(list attached below*) • Health Mela was organised for staff (Thalassemia and anaemia detection, bone

	<p>density detection, lung function and body composition analysis, diet counselling).</p> <ul style="list-style-type: none"> • Flexi-timings are permitted on days when staff require a short time for urgent personal work. • 24 support staff went on an overnight picnic to Kharasgaon on 9th and 10th September 2017, to facilitate relaxation and bonding. • Each staff is given a gift at Christmas. • A programme is held to appreciate support staff and a cash gift (contributed by the students) is handed over to each of them. • A farewell party was organized to express the appreciation of the institution for the services rendered by staff who was retiring. • To reemphasize the mission of the management and to promote interaction between staff of the Institute, Institute Day was celebrated on 8th December 2017.
Students	<ul style="list-style-type: none"> • Interest Free Educational Loans are available for students (to be repaid once they start working) • Awareness of government scholarships for students belonging to backward classes, minorities etc was created and help was rendered in availing this. • Scholarships have been initiated by teaching staff of the college for needy students. • Provision of need-based scholarships and merit scholarships. • Students are provided support to apply for private and governmental need-based/merit scholarships. • Hostel facility available for outstation students and those staying in the distant suburbs. • All students are covered under a Group Accident Insurance Policy initiated by the University of Mumbai • Availability of a counselor on campus, as well as a diet counseling centre and gymnasium to promote mental and physical well-being. • When students are unwell during examinations, separate arrangements are made to seat them comfortably in another area thus minimizing discomfort for the concerned student and disturbance to the rest of the class, as well as preventing the spread of the disease if contagious. • Need-based students are provided with breakfast and lunch. • Printing facility and stationery (notebooks, pens, etc.) are given to needy students. • One of the students was helped by the college to obtain funds for her heart surgery. There was active involvement in identifying sources of financial assistance and in communication with the funding organisation on behalf of the student.

6.5 Total corpus fund generated

1,96,000/- this year (total 21,05,000/-)

6.6 Whether annual financial audit has been done Yes No

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	NO	University of Mumbai	NO	
Administrative	NO		NO	

6.8 Does the University/ Autonomous College declare results within 30 days?

For UG Programmes Yes No

For PG Programmes Yes No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

➤ Initiated and implemented OSM

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

- University conducts seminars to promote autonomy.

6.11 Activities and support from the Alumni Association

1) Alumni support the college by

- contributing their expertise when they come as resource persons
- providing internships to enable students translate theory into practice
- helping review syllabi to check whether it is relevant and prepares the student for what industry requires
- assisting with jobs and placements of students

6.12 Activities and support from the Parent – Teacher Association

The college has no formal Parent- Teacher Association but actively interacts with parents to ensure greatest benefit to the students.

→ Meetings are organized for parents of students at FYBSc, SYBSc, TYBSc levels for the following purposes:

- At the beginning of the year, to familiarize parents with the functioning of the college, its vision, mission, policies, rules, regulations and assessment procedures. (For orientation to the B.Sc. (Home Science) course at the F.Y.B.Sc. level. Matters related to the course, discipline expected and services offered are discussed)
- Prior to selection of specialization at the S.Y.B.Sc (Home Science) to highlight the subjects offered and scope of the specialization. (A Specialization Orientation is conducted at the end of the year, for both the parents and S.Y.B.Sc. students, to familiarize them with the four departments that the students specialize in at the T.Y.B.Sc. level and the scope of each department, in terms of higher education and job opportunities.)
- Parent – teacher meetings on a one-to-one basis are held in case of any issues such as poor attendance, student difficulties observed, other grievance redressal, etc.
- Individual meetings are also held when requested by parents.

6.13 Development programmes for support staff

- The support staff was encouraged to participate in International Yoga Day celebrations on 21st June 2017 and 21st June 2018.
- Talk on waste management conducted by NSS Volunteers.
- Encouragement to participate in Nirmal Utsav, the college cultural program, Jamboree to build up the level of confidence.

6.14 Initiatives taken by the institution to make the campus eco-friendly

The college authorities believe that training the younger generation to respect the environment and care for it will pay rich dividends in the future.

Hence, some of the NSS activities undertaken this year have involved students and other groups outside the college to care for their environment.

- To promote celebration of festivals coupled with concern for the environment
 - An eco-friendly rakhi-making competition was conducted on the occasion of Rakshabandhan.
 - Newspaper bags were distributed during Ganesh Chaturthi at various local Ganesh Pandals, so that devotees could use these instead of polythene bags for carrying the offerings.
- The students participated in a 7-day "Road Safety" Campaign organized by Jaihind College NSS Unit in collaboration with Mumbai Traffic Police at Marine Drive where students were given a hands-on training of controlling the traffic in February 2018.
- A poster competition on "Swachh Bharat Abhiyan" was organized by the NSS unit.
- A "Road Safety Awareness" programme was conducted in college by United Way Mumbai.
- NSS Volunteers built a Vanrai Bandara at Kharasgaon as a part of their special camp. The Sarpanch appreciated the efforts of the students and accompanying staff. He mentioned that the Bandhara would mainly be beneficial for the animals as the water would remain accumulated over there for long period of time.

In addition to the above and other on-going efforts, the college also put in place some plans:

- When the number of students in the college are few (vacation time, etc.) some washrooms are kept locked to save water that would have otherwise have been used for cleaning them.
- The watering of the plants is done on alternate days and not daily, in an attempt to save water.
- The number of LED lights and LED screens have been increased to save on power consumption
- To conserve power, the front and back lifts are alternately used.

Criterion – VII

Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

Mainly innovations in:	
1) Research and Extension by encouraging involvement of UG and PG students 2) Entrepreneurship training and Skill-Based Education 3) Effective Teaching Methodology	
Some examples of the above innovations:	
Department	Innovations
Foods, Nutrition and Dietetics	<ul style="list-style-type: none"> • In the TY practical of Entrepreneurial Skill Development, the concept of profit sharing was introduced. This encouraged the students to work harder and explore newer avenues for sales. • Capacity Building and Knowledge Enhancement Workshops on Breastfeeding for students and people associated with community projects • Research methods course for staff capacity building • A session on data analysis and data presentation for MSc part II students to enable them present their data effectively • Fitterfly software for diet calculations was installed to be used by the PG and MSc students, free of cost.
Human Development	<ul style="list-style-type: none"> • The Arts-Based Therapy One-Year Diploma course was this year offered in modular format with intensive classroom contact sessions offered in May-June, and further classroom contact sessions offered during weekends in the first term. Subsequently students completed a supervised practicum in an agency wherein they conducted a pretest-posttest action research project with beneficiaries from at-risk populations. Students successfully used ABT techniques and documented benefits for these beneficiaries. • Creative, student-centred, participatory teaching-learning methods at all levels and for a range of subjects right from Child Development at the FY level to Research Methods and Statistics at the Master's level. • The MSc curriculum at the senior level (Semester 3 and 4) has been specially redesigned to allow students to have autonomy and exercise initiative with regard to content and methods in the curriculum. Thus, for two practicum subjects in both Semester 3 and 4 (namely, Seminar, Internship I & II, and Alternative Therapies), students made a choice (guided by the Department Head) with regard to the content and methods. • Students got experience also in the real world for their Counselling Practicum and shadowed a counselor for between 1 and 6 counselling sessions.
Textile and Fashion Technology	<ul style="list-style-type: none"> • For the first time, most of the T.Y.B.Sc TFT students were involved in AVISHKAR Research Convention in large numbers and one group also qualified for Round two (at Zonal level) of the competition. • The department introduced and successfully completed 1st batch of new value added course on Personal Styling, Fitness and Grooming with 39 students registered voluntarily in this very first year, from across various classes of the college. An MOU was signed between the Department and Orange Tree for the same. Students have thoroughly enjoyed the sessions. • One staff and two of the MSc II students were instrumental in training two students from Kharasgaon in March. Both Alumni from the Community College were given further training which will be beneficial for them in their tailoring units. • Students have earned while they have learned as the Department students successfully participated and finished many projects with various designers and industries/institutes like German Stola, Deal Denim, KanikaBava, etc. • The students were exposed to the latest developments in the field and requirements of the industry today, through the implementation of the new syllabus across all levels. Students and staff are very happy with the new subjects and their contents. • DLLE all students did excellent. We were given A++ by DLLE coordinator. • Staff were involved in organizing the Textile & Costume resource section for the department along with TYBSc students

Community Resource Management	<ul style="list-style-type: none"> Joint collaboration between CRM Dept and Polytechnic in Poster competition for Film Fare Awards which was sponsored by Council of Fair Business Practices. (CFBP) and Godrej. Publication of Booklet named How Healthy is your food: Simple tests for food adulteration for consumer awareness “Jago Grahak Jago”
Criterion I	<ul style="list-style-type: none"> The conduction of the curricular feedback has been converted into an online system leading to it being more ecofriendly and less tedious. Alteration of the Value added computer course for FYBSc and SYBSc to make it most relevant to the current needs. (FYBSc syllabus focused on tools and techniques for creation of visual aids and computing. They revised Microsoft Word, Excel and Power point and learnt Photoshop and Corel Draw. For the SYBSc, the stress was on creating a resource base for entrepreneurship. They learnt relevant aspects of social media marketing for eg. Facebook page, website creation and blogs. Evaluation was in the form of assignments and exams.)
Criterion II	<ul style="list-style-type: none"> Undergraduate research studies for better teaching-learning opportunities.(by HD and CRM departments) Faculty from FND department asked the SY students to conduct a survey on the recent trends. The results were then presented to the class in a group. TFT Market-cum-exhibition. Invited NGOs such as ANAVITA, to provide opportunities to sell their products. UG Students volunteered for internship in industries/organisation
Criterion V	<ul style="list-style-type: none"> Counseling and mentoring was done both for theory as well as practical’s by HOD, Cordinators, Mentors and subject teachers from time to time Career counseling and scope for entrepreneurship sessions for the final year undergraduate and postgraduate students were conducted by various departments as well as employment placement cell Soft skill development sessions were conducted for the First year B.Sc students
Magazine Committee	<ul style="list-style-type: none"> The Magazine has been converted into an e-magazine with only 300 copies printed and the PDF being uploaded on the college website as well as the PDF copy sent to all students, alumni and contacts. The e-magazine has wider reachability and is not limited by the constraints of printing costs.
Interfaith Committee	<p>Introduced during this academic year:</p> <ul style="list-style-type: none"> Talk on different Religions Talk on “At home with Peace” Silent Peace Procession
National Service Scheme	<ul style="list-style-type: none"> During the special camp at Karazgaon, Palghar district a recipe demonstration for the mothers in the Balwadi was held using locally available ingredients. Palghar district has a high prevalence of malnutrition and therefore this activity will help in increasing nutrition awareness of the mothers and improve the micronutrient intake of the population. A flash mob was organized over and above a street play for the Swacch Bharat Abhiyaan. This ensured participation of a greater number of NSS volunteers and attracted a wider audience, as compared to a street play.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year.

Sr No.	Action Taken as per the Plans of Academic Year 2017-18	Yes/No
1	To further strengthen our alumni.	Yes
2	To work on building the corpus fund.	Yes
3	To enhance our partnerships and collaborations with other Institutes- Industry, Research Institutes, NGO’s, GO’s for academic and research purposes.	Yes
4	To analyse the feedback obtained from the students regarding the updated syllabi at different levels.	Yes
5	To initiate the process of academic exchange with foreign universities.	No
6	To increase student enrolment for the National Social Service program in the	No, because one

	College.	unit (50) is enough for the smaller nos. in our college.
7	Department of Foods, Nutrition and Dietetics is planning to organize: 1) Capacity Building Workshop for different target groups on Breastfeeding and Complementary feeding.	Yes
	2) Half day Seminar to commemorate “World Breastfeeding Week” in 2017-18.	Yes
	3) Half day Seminar during National Nutrition Week.	Yes, done in collaboration with AFSTI
	4) Short term courses e.g.: HACCP for students	Yes, HACCP training conducted
8	Department of Human Development plans to organize: 1) A National Conference in collaboration with the Indian Association of Career and Livelihood Planning (IACLP) in December 2017. Conference name: “Career Guidance and Livelihood Planning across the Life Span: The Way Forward for India”.	No, postponed to 2018-19 due to OSM and other unforeseen circumstances.
	2) A Conference on “Child Development and Neurodevelopmental Disorders: A Rational approach” in collaboration with New Horizons Institute of Education and Research and Tata Institute of Social Sciences in January 2018.	Yes, but not with TISS, with Indian Academy of Pediatrics.
9	Department of Textiles and Fashion Technology plans to start: 1) Two new Masters programs (Self-Financed)	No
	2) A value added course in “Personal Styling, Fitness and Grooming” in collaboration with Orange Tree.	Yes (An MOU was signed between the Department and Orange Tree)
10	Department of Community Resource Management plans to organize: A State Level Seminar on ‘Career prospects in Community Resource Management’ on 2017-18.	No
	Additional Plans for Academic Year 2017-18	
Foods, Nutrition and Dietetics	A Half Day Seminar on ‘Better Child Nutrition: Optimal Young Child Feeding Practices’ during National Nutrition Week in collaboration with PFNDIAI	Yes
Textile and Fashion Technology	<ul style="list-style-type: none"> • Department organized a National Seminar on the theme “Reaching the Unreached Through the New Frontiers of Technical Textiles” • Organized intercollegiate competitions and fashion show- Jamboree on the theme ‘Reach the Unreached” • Student’s projects leading to earning of the students 	Yes
Criterion II	Many community-based programs were initiated, planned and organised under the central theme “Reaching the Unreached.”	Yes
Criterion V	<ul style="list-style-type: none"> • Sessions was held to empower students (women) in collaboration with International Justice Organization for the First year B.Sc students. • Session was held on the eve of Women’s Day-“Empowering women’ press for progress” were a highly motivational leader, a dynamic, and enthusiastic speaker Ms. Abha Singh was invited. 	Yes

7.3 Give two Best Practices of the institution

Title of the Practices:

1) Research and Extension

2) Entrepreneurship training and Skill-Based Education
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Goals:

1. The theme followed for 2017-18 was “ Reach the Unreached ”, keeping this in the mind all the activities were focused around this core theme. The Goals were therefore:
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| <ul style="list-style-type: none">• To engage the students of all the departments in rural extension program at various rural centres and institutes.• To sensitize the students towards the vulnerable section of the society by encouraging them to work along with this section and bring these unreached into the fore-front, through fashion show, workshops, extension activities, markets and various competitions. |
|---|

2. To focus on delivering skill based training and entrepreneurial skills to our own students and through them to the underprivileged section of society.

Overview of the Best Practices

1) Research and Extension

- Various research topics, outreach programs and activities that help in improving nutritional awareness of the population
- Research topics at TY, MSc1, MSc2 and PhD levels are on socially-worthy issues where students won awards for their researches.
- Participation of teachers as peer reviewers and editors for national and international journals.
- Collaborations with industry/NGOs/educational institutions for master's and doctoral research.
- Extension activities at Bharuch, Murbad, Kharsgaon etc.: Students designed and conducted workshops and other activities for multiple target groups at the Community Centres of the DHM and others.
- Participation of students in Undergraduate Research
- Sending students for research camps.
- Some of the staff also participated in research competitions and received prize/awards
- Involvement in Department of Lifelong Learning and Extension (DLLE) activities by the students of TFT and CRM
- Extension/Service activity of the various departments:
 - FND dept:** TY students went to Kolad under the supervision of teachers in collaboration with Institute of Social Sciences (ISS)-Jeevandhara- Kolad District. M.Sc. II students went to Kharasgaon in association with Integrated Child Development Services (ICDS). PG diploma students visited Derwan in partnership with B.K.L. Walawalkar Rural Medical College, Derwan, Chiplun District
 - HD dept.:** One old age home is selected to visit and to conduct activities during each study tour. Not only do students put into practice their knowledge and skills, they also strengthen their service orientation and provide "care" (albeit briefly) to the older generation. Important in reiterating the importance of linking the youth to the elderly. During the study tour to Rajasthan, an old age home in Jodhpur was visited and a session was conducted on affirmations through one-on-one interactions as well as a cultural programme in which even the elderly spontaneously put up acts.
 - TFT dept.** sensitized the students towards the needs and wants of the under privileged sections of the society. And to train large groups in income generation skills leading to our contribution to the society. Eg: (a) Guiding underprivileged women students to teach easy to make marketable products at Swayam Foundation (Colaba) (b) Teaching students, non-teaching staff and teachers of the school hand skills of tie and dye, block printing, stencil printing, crochet, Macrame, etc. at Shishuvan School. (c) Empowering housewives of underprivileged sections and training them with textile skills at Nirmaya Foundation (Naigaon) (d) Training the mentally challenged of underprivileged sections at the Society for the Vocational Rehabilitation of the Retarded (SVRR) in Tardeo. (e) Empowering destitute women through training on textile skills at Bapnu Ghar, Annie Besant Road Worli (f) Teaching creative products to the visually impaired at the Blind school, Sewri.
- **CRM dept:** The undergraduate research aimed to answer critical occupational health problems of the unreached sector of the society. For e.g., Ganesh Murtikaars (Ganapathi Idol Makers), Sugarcane Juice Vendors, E-Commerce Delivery Boys, Hospital Wardboys, Employees of Small Scale Industries (Bag making, Pen making and metal Nut-Bolt making units).

2) Entrepreneurship training and Skill-Based Education

- Department invited various guests from industry, academic institutions, research centres, craft center's, Go's and NGO's to share their knowledge and experiences with students and staff.
- Value added course enhances their creativity, entrepreneurship and helps develop skills.
 - FND dept :** Nutrition and Exercise for Fitness, Training in " Basic Techniques in Microbiology- Practical Aspects, 2-day Certification Training on HACCP, Entrepreneurial Skill Development.
 - HD dept:** Art Based Therapy, Indian Sign Language
 - TFT dept:** Visual Merchandising, Entrepreneurship in Textile Crafts, Personal Styling- Fitness- Grooming and CAD, CAM and Computer Technologies in the Apparel Industry .
 - CRM dept-** Cultural and Heritage Management and Work Station Design and Applied Ergonomics, 5 days' workshop for ID Elective students AUTO CAD
- **TFT- Entrepreneurship Incubation Cell and Extension activities related to Entrepreneurship :**
 - Organized sale of products displayed by various NGOs at the Market 'ANVAETA' by **TFT**. Conducting Market by students and by women beneficiaries of NGO's wherever students were involved in training for product development.
 - Entrepreneurship was encouraged amongst **TYTFT** students through the subjects of Part A

<p>Project Work: Entrepreneurial Skill Development in Textile Fashion and Part B Project Work: Sustainable Social Entrepreneurship.</p> <ul style="list-style-type: none"> Fostering entrepreneurship through Entrepreneurship Incubation Cell wherein experts from Industry and Alumni Entrepreneurs mentor the current TFT students. Hands-on-learning experience in product launching and marketing eg CRM Market and Event organized by the CRM students ”Mom’s Day out” practical learning experience on planning executing and managing events

7.4 Contribution to environmental awareness / protection was done in the following ways by the various departments and committees within the college.

Department	Contribution to environmental awareness / protection
Foods, Nutrition and Dietetics	<ul style="list-style-type: none"> Digital competition was held instead of poster making competition Charts were reused to make coupons, registration tokens for competitions. Use of peelings in the development of new food products Reuse of teaching aids Paperless communication and correspondence within the department Re-use of unwanted brown paper (of paper patterns from TFT practicals) for FND practicals (measuring ingredients)
Textile and Fashion Technology	<ul style="list-style-type: none"> This year department organized intercollegiate competitions on the theme ‘Reach The Unreached’. Students from various colleges of Mumbai participated in different competitions. Competitions were basically on reusing, recycling, and up-cycling of textiles, garments and other used materials. Department collected used garments from various sources as donation and put up in Jamboree, fashion show organized by the department students to create awareness of reuse, recycle and up-cycle of garments in an innovative and aesthetic way. All were donated to the needy. Re-use paper and fabric waste on a regular basis. Zuki Machines used – promote conservation of energy
Community Resource Management	<ul style="list-style-type: none"> Entrepreneurial skills as part of income generating activities for extension activities (Best out of waste) Three “R”s followed during the CRM Market: Reduce, Reuse and Recycle. Newspaper bags used to give take away items Plastic consumption reduced
Criterion I	<ul style="list-style-type: none"> The online method of taking feedback saves paper. Aspects of Environment and sustainability have been incorporated into the Foundation Course syllabus at the FYBSc and SYBSc levels.
Criterion II	<p>The college ensures that no hazardous materials/chemicals are used in any of the laboratories or offices on campus. It ensures that students are sensitive to environment issues by encouraging participation in social issues like environment pollution, cleanliness drives, Tree plantation drives, etc.</p> <p>Many initiatives are taken by the college to make the campus eco-friendly:</p> <ul style="list-style-type: none"> Sustainable fashion-related activities/competitions in JAMBOREE CRM Undergraduate Research: The research conducted by the Value Added Course “Workstation Design and Applied Ergonomics” is based on environment sustainability to promote comfort, safety, health of the worker/employee thereby promoting productivity and efficiency. For e.g. Ergonomic Evaluation of the Working Environment (Light and Noise) of the Ganesh Murtikars Product Development from waste: A self-conscious effort to be environment friendly is in-built in all department activities. The waste management system is comprehensive, and focuses on reducing waste, reusing valuable materials, and recycling them. The college demonstrated environment responsibility through recycling efforts. <p>a. Food waste utilisation for Product Development</p> <p>b. Fabric waste from TFT labs (samples and product development for extension work)</p> <p>c. Paper and other waste: The students of CRM department are asked to make a list of all waste materials and paper available on campus. They then have brain storming session on how these could be utilised for decorating the Mom’s Day Out and the CRM Market based</p>

	<p>on its theme. This helps to not only cut down decoration costs but also brings out the best creative ideas from the students. This policy keeps the college clean, encourages students to be creative and be eco-friendly. They understand the concept of zero-waste planning which a part of their curriculum by applying its principles to actual practice.</p>
Criterion V	<ul style="list-style-type: none"> • Students are sensitized towards the use of menstrual cup rather than sanitary pads for environment protection and sustainability.
Magazine Committee	<ul style="list-style-type: none"> • Printing of only 300 hard copies and using the rest as digitalized has contributed towards being an ecofriendly initiative as it saves paper.
Interfaith Committee	<ul style="list-style-type: none"> • Initiatives taken by the committee to inculcate the concept of sustainability by organizing competition on Eco-friendly Rakhi making Competition.
National Service Scheme	<ul style="list-style-type: none"> • Swachh Bharat Abhiyaan – Activities conducted are: <ul style="list-style-type: none"> ○ Cleanliness drive for waste segregation and importance of cleaning ○ 3 cleanliness drive (1 near Churchgate station, 1 post Terry Fox Run, 1 post intercollegiate sports event) ○ Swachh Bharat Oath ○ Swacch Bharat Rally ○ Say no to plastic- Newspaper bag drive- 500 paper bags made and distributed in Ganesh pandals. ○ Beach Cleaning Drive ○ Tree-plantation drive ○ An Intra-collegiate Poster making competition on SwachaBharat Abhiyan ○ Flash mob ○ Street Play ○ My Green Society Project for the segregation of wet and dry waste awareness for various societies were conducted by the students. ○ Rural camp – recipe demonstration, compost pit dug from that 1 compost pit was converted to act as a soak pit, 1- VanraiBandhara (20 feet long), street play.
Sports Committee	<p>Three treks were planned (Mrughgad- Bheliv cha Killa situated at Pali region, Lohagad (Iron Fort) situated at Lonavala, and Khanderi Caves) in collaboration with Trekophy which helped in creating environmental awareness amongst students.</p>

7.5 Whether environmental audit was conducted? No

7.6 Any other relevant information the institution wishes to add - SWOC Analysis was conducted and following is a brief compilation of responses:

SWOC Compilation for 2104-18

(1) STRENGTHS

INDIVIDUAL STRENGTHS – <i>Internal attributes of Staff that are helpful to achieving the objective(s) of the college.</i>	DEPARTMENT STRENGTHS – <i>Department attributes that are helpful to achieving the objective(s) of the college.</i>
<ul style="list-style-type: none"> • Expertise in the fields. • Extremely Creative and Artistic • Hardworking • Organized; Ability to do multi-tasking • Manages dual responsibility of work and home successfully. • Personal qualities like sincerity, regularity, adaptability, readiness to learn, to take responsibility. • Ability to reach to the student’s level of understanding • Knowledge of Marathi • Experience of Rural & Urban extension work. • Ability to keep up to latest trends in knowledge and skill sets 	<ul style="list-style-type: none"> • Transparency, good teamwork and coordination, availability required expertise, shared responsibility and good friendly relation among the faculty. • A good combination of experienced and young faculty. Each one has varied and complementary abilities, so each makes up for the other at different tasks. • Each one uses their strengths co-operatively. • Very good industry academia relationships and networks leading to increased support for the college.

(2) WEAKNESS

INDIVIDUAL WEAKNESSES – <i>Internal attributes of Staff that may thwart achieving the objective(s) of the college.</i>	DEPARTMENT WEAKNESSES – <i>Department attributes that may thwart achieving the objective(s) of the college.</i>
<ul style="list-style-type: none"> • Time Constraints • Some staff, have limited Technical Knowledge related to computers. 	<ul style="list-style-type: none"> • Fewer members, so sometimes experience overload of responsibilities • Huge demand from outsiders to collaborate but limited staff and time. • Limited seating area to accommodate visiting faculty. • Non availability of research lab for students. • Limited infrastructural facilities(eg Computer/Wifi)

(3) OPPORTUNITIES

INDIVIDUAL OPPORTUNITIES – <i>External conditions that are helpful to the staffs’ personal and professional growth within the college</i>	DEPARTMENT OPPORTUNITIES – <i>External conditions that are helpful to the Department’s growth within the college</i>
<ul style="list-style-type: none"> • Trustful environment • Flexible working conditions and working hours • Conferences / Seminars • To guide students for research projects.(M.Sc & PhD) • Consultation opportunities • Get invited as resource person by various NGOs to share expertise in specific fields • To take responsibility of various committees in college. 	<ul style="list-style-type: none"> • Conferences / Seminars • Consultation opportunities • Can make a difference in people’s lives by constructively contributing through teaching, learning, research and extension activities • In huge demand by external agencies for collaboration. • Socially Active With NGO’s for community activities • Can participate National level schemes and programmes. • Departments can liaison with industries to provide the support required to conduct large and exhaustive research projects.

(4) CHALLENGES

INDIVIDUAL CHALLENGES – <i>External conditions which could negatively affect the staffs’ personal and professional growth within the college and have to therefore be overcome.</i>	DEPARTMENT CHALLENGES – <i>External conditions which could negatively affect the department’s growth within the college and have to therefore be overcome.</i>
	<ul style="list-style-type: none">• API scores sometimes encouraging individuals to focus on individual professional growth through publications and presentations rather than focus on teaching.• Syllabus need to be evaluated and revised from time to time. With inputs and suggestions from experts in the field.• Limited involvement of alumni.

8. Plans of institution for next year

<ol style="list-style-type: none">1. To further strengthen our alumni.2. To work on building the corpus fund.3. To enhance our partnerships and collaborations with other Institutes- Industry, Research Institutes, NGO’s, GO’s for academic and research purposes.4. To analyse the feedback obtained from the students regarding the updated syllabi at different level.5. To encourage even more Entrepreneurship.6. New Courses to be introduced:<ul style="list-style-type: none">• MSc in the Department of Textile and Fashion Technology: Plans to introduce two new MSc’s:<ol style="list-style-type: none">i) Fashion Retail Management and Media Communicationii) Fashion Styling and Product Design.• MSc in the Department of Community Resource Management in Management and Ergonomics7. To organize local/State/National Level seminars for the benefit of students, faculty and Industry.8. To encourage students participation in research competitions.9. To improve infrastructure facilities.
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2.15 Annexure - Academic Calendar

COLLEGE CALENDAR 2017-2018

MONTH	NAME OF THE EVENT /PROGRAMME/SEMINAR/ CONFERENCE
JUNE 2017	Parents Orientation
	Semester III classes commence
	Commencement of MSc II (all branches)
	Commencement of TYBSc (all branches)
	Celebration of International Yoga Day
JULY 2017	Face Painting Competition
	Tree plantation and street play on the occasion of Vanmahotsav
	Anti-leprosy campaign with ALERT INDIA
	Grooming session for Hospitality Elective students
	Dept Picnic—FND,CRM
	Doodling Fest
	Student Orientation Programme
	Commencement of MSc II(FPP)
	A session on drug abuse
	Work shop on Streetplay
	Commencement of Semester I FYB.Sc
	Capacity Building and Knowledge Enhancement Workshops on Breastfeeding
AUGUST 2017	Nauvari Saree draping Competition
	Breastfeeding Week Celebrations
	Nutrition Awareness Activity
	Celebration of Swacha Bharat Pakhwada (Rallies and Poster competition)
	Red Ribbon club/ Peer Educator training workshop
	Road safety workshop by United Way of Mumbai (1.30pm to 5.30 pm)
	Ecofriendly Rakhee making competition
	Celebration of Independence day
	Melody Queen
	Tree plantation on the occasion of Vanmahotsav
	INDOOR GAMES
	Entrance tests for admission to :M.Sc I (FPP)M.Sc I (SN)
	Entrance tests for admission to :M.Sc I (FND); PG Diploma in Dietetics and Applied Nutrition (CHESS, CARROM SINGLES AND DOUBLES, TABLE TENNIS)
SEPTEMBER 2017	Sweet making Competition
	F.Y.B.Sc. Parent Teacher Meeting
	Session to be held in collaboration with YWCA on “Awareness on Human Trafficking”
	Recreational Activity for elderly at an Old Age Home
	Beach Cleaning Drive
	Road Safety Drive
	DJ + 1 hour Raas Garba

	Nutrition Week Celebrations
	COMMEMORATION OF NATIONAL SPORTS DAY
	Seminar – Entrepreneurship Incubation Cell
	TY Semester Practical Exam
OCTOBER 2017	HOTEL INTERNSHIP
	F.Y.B.Sc. Semester I End Practical Examinations
	Personality Development Sessions
NOVEMBER 2017	Talk on “Religions and Faith”
	Rural Camp
	Talent Hunt for Nirmal Utsav
	Debate and Elocution Competition
	F.Y.B.Sc. Semester I End Theory Examinations
	INDOOR GAMES
	(BADMINTON SINGLES AND DOUBLES)
	Rural Camp for MSc students
DECEMBER 2017	Christmas Programme
	Career Seminar
	Auditions for Nirmal Utsav
	Rural Camp for TYBSc students
	Online Limericks competition for staff and students
	Special Camp (residential camp)
	National consumer Day
	National Conference in collaboration with the Indian Association of Career and Livelihood Planning (IACLP)
	Workshops & Competitions, Market - Jamboree
	Rural Camp
	Interclass Competition –Expression- titled “What’s your yes and what’s your no” I Collaboration With MAJALISH an NGO
	FY Event
JANUARY 2018	Conference on “Child Development and Neurodevelopmental Disorders: A Rational approach” in collaboration with New Horizons Institute of Education and Research and Tata Institute of Social Sciences
	ANNUAL SPORTS DAY
	Educational Tour
	Vegetable Carving Work shop (session 1)
	CGSI Workshop
	National Tourism Day
	Nirmal Utsav 2017-18
	Industrial Visit
	Performance Poetry
	Poster making competition for Environment protection
	Jamboree -2018, Department Fashion Show
	Distribution of plant sapling
FEBRUARY	Industrial Visit

2018	Marathi Bhasha Divas Display of charts
	Rural Camp for PG Diploma
	NSS scrutiny
	Seminar – Technical Textiles
	CRM Market
	RSI Awareness Day (Ergo Vac)
	Science Day Display of Charts based on Science and Technology
	Entrepreneurship Incubation Cell
	Educational Tour for all Department students
MARCH 2018	F.Y.B.Sc. Semester II End Practical Examinations
	National Safety Day
	F.Y.B.Sc. Semester II End Theory Examinations
	World Consumer Rights Day
April	Parent Orientation HD
TBC	Department Picnic for staff and students at all levels HD
TBC	Parent Meeting and Interaction with Alumnae HD
TBC	Rural/Tribal Extension Tours
TBC	Bal Utsav planned and executed by MSc1 students HD
A large number of activities depend on when MSc II classes begin and are also subject to the examination dates declared by the University.	

Name Dr.(Mrs.) Ela Dedhia

Name Dr.(Mrs) Geeta Ibrahim




Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC
