

## The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC.

### Part – A

#### 1. Details of the Institution

##### 1.1 Name of the Institution

S.I.W.S. N.R.Swamy College of Commerce & Economics and Smt. Thirumalai College of Science.

##### 1.2 Address Line 1

337, Sewree – Wadala Estate

##### Address Line 2

Wadala

##### City/Town

Mumbai

##### State

Maharashtra

##### Pin Code

400031

##### Institution e-mail address

siws@siwscollege.edu.in

##### Contact Nos.

022-24180390, 022 – 24118658

##### Name of the Head of the Institution:

Dr. Usha Sukumar Iyer

##### Tel. No. with STD Code:

022-24180390, 022-24118658

##### Mobile:

9819181010

**Name of the IQAC Co-ordinator:** Prof. (C.A.) Vaibhav Banjan

**Mobile:** 9820163287

**IQAC e-mail address:** vnbanjan@yahoo.com

**1.3 NAAC Track ID** MHCOGN 14510

**1.4 Website address:** www.siwscollege.edu.in

**Web-link of the AQAR:** <http://siwscollege.edu.in/IQAC/AQAR2015-16.pdf>

### 1.5 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	B+	---	2004	5 Years
2	2 <sup>nd</sup> Cycle	B	2.86	2012	5 Years
3	3 <sup>rd</sup> Cycle	---	---	---	---
4	4 <sup>th</sup> Cycle	---	---	---	---

**1.6 Date of Establishment of IQAC:** DD/MM/YYYY 4<sup>th</sup> April 2005

**1.7 AQAR for the year** 2015-2016

### 1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC

- i. AQAR2012-13 submitted to NAAC on 25/08/2014
- ii. AQAR 2013-14 submitted to NAAC on 25/08/2015
- iii. AQAR 2014-15 submitted to NAAC on 28/06/2016

### 1.9 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

### 1.10 Type of Faculty/Programme

Arts  Science  Commerce  Law  PEI (Phys.Edu.)

TEI (Edu)  Engineering  Health Science  Management

Others (Specify)

### 1.11 Name of the Affiliating University (for the Colleges)

**1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc.**

Autonomy by State/Central Govt. / University	<input type="text" value="---"/>		
University with Potential for Excellence	<input type="text" value="--"/>	UGC-CPE	<input type="text" value="---"/>
DST Star Scheme	<input type="text" value="---"/>	UGC-CE	<input type="text" value="---"/>
UGC-Special Assistance Programme	<input type="text" value="--"/>	DST-FIST	<input type="text" value="---"/>
UGC-Innovative PG programmes	<input type="text" value="---"/>	Any other ( <i>Specify</i> )	<input type="text" value="---"/>
UGC-COP Programmes	<input type="text" value="---"/>		

**2. IQAC Composition and Activities**

2.1 No. of Teachers	<input type="text" value="07"/>			
2.2 No. of Administrative/Technical staff	<input type="text" value="02"/>			
2.3 No. of students	<input type="text" value="01"/>			
2.4 No. of Management representatives	<input type="text" value="02"/>			
2.5 No. of Alumni	<input type="text" value="01"/>			
2.6 No. of any other stakeholder and community representatives	<input type="text" value="01"/>			
2.7 No. of Employers/ Industrialists	<input type="text" value="00"/>			
2.8 No. of other External Experts	<input type="text" value="01"/>			
2.9 Total No. of members	<input type="text" value="15"/>			
2.10 No. of IQAC meetings held	<input type="text" value="01"/>			
2.11 No. of meetings with various stakeholders	No. <input type="text" value="02"/>	Faculty	<input type="text" value="----"/>	
	Non-Teaching Staff <input type="text" value="---"/>	Students <input type="text" value="01"/>	Alumni <input type="text" value="---"/>	Others (Parents) <input type="text" value="01"/>

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

## 2.14 Significant Activities and contributions made by IQAC

- 1) Feedback of teachers, students and parents initiated and analysed by IQAC
- 2) Scrutiny and evaluation of Academic Performance Indicators of teachers eligible for placement.
- 3) Staff encouraged to pursue higher education, research and skill development.
- 4) Maintain statistics of students' attendance and results.

## 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
<p><b>1) Curricular:</b> To communicate the updated syllabus of all the programmes to the stakeholders.</p> <p><b>2) Teaching –Learning and Evaluation:</b> Improve arrangements to facilitate effective running of the teaching -learning programme.</p> <p>Appointment of qualified and adequate core faculty and reduction in the number of teaching staff on clock-hour basis to enable greater accessibility of teachers for guidance to students.</p> <p>Concentrated efforts are made to promote the sense of responsibility and accountability among the teachers as well as students.</p> <p>Implementation of the academic activity calendar and the teaching plan for effective running of the teaching learning programme.</p>	<p>Updated syllabus of all the programmes communicated to stakeholders through the college web-site.</p> <p>Greater use of multimedia facilities such as audio/video cassettes, computer aided learning, DLP and overhead projectors.</p> <p>Three full time faculty members were appointed in the unaided section.</p> <p>Regular attendance evaluation undertaken. Strict adherence to university guidelines regarding attendance. Biometric attendance compulsory for teaching and non-teaching faculty. Meetings with the parents of defaulting students are arranged every month.</p> <p>Teaching plan and academic activity calendar are planned at the beginning of the year to ensure smooth conduct of</p>

<p>Organizing guest lectures and industrial visits to strengthen teaching-learning process.</p> <p>Faculty is encouraged to actively participate in the curriculum and syllabus designing workshops organized by the Board of Studies.</p> <p>Faculty members are encouraged to timely attend Orientation and Refresher programmes organized by the Academic Staff College.</p> <p>Conscious and sincere efforts are made to ensure that the student assessment mechanism is reliable and valid.</p> <p><b>3) <u>Research , Consultancy and Extention:</u></b></p> <p>Promotion of research culture among teachers and students.</p> <p>Staff members are encouraged to take-up research projects and related activities.</p> <p>Research scholars and teachers are encouraged to attend International/ National/ State/Organization level Seminars/Workshops/Conferences.</p> <p>Students are encouraged to undertake surveys, interviews, and collection of data to facilitate adequate exposure to contemporary developments in those areas. Advanced learners are encouraged to do more intensive study and gain in-depth knowledge.</p>	<p>academic activities.</p> <p>Guest lectures were organized. Twelve Industrial visits organized.</p> <p>Seven faculty members participated in the syllabus revision workshops.</p> <p>Five faculty members attended the Refresher course. Three faculty members attended the Short term course. One faculty member attended a Certificate course.</p> <p>Teacher evaluation mechanism is in place. Regular evaluation is carried out at the end of each academic year. Parent – teacher interface takes place annually.</p> <p>Fourteen staff members are pursuing Ph.D. programme.</p> <p>Four Minor research project undertaken.</p> <p>Six faculty members attended International conferences/symposia. Six faculty members presented papers at International conferences/symposia. Thirteen faculty members attended national conferences/symposia. Twelve faculty members presented papers at National conferences/symposia. Eight faculty members attended State/Regional level conferences/symposia. One faculty members presented papers at State/Regional level conferences/symposia. Seven faculty members attended University level conferences/symposia.</p> <p>Final year students of BMS, Banking &amp; Insurance, Information Technology and Microbiology undertake project work as a partial fulfilment of the final year degree examination.</p>
--	--

<p>Provision of extended opportunities to the students to participate in community development and extension services.</p>	<p>Active participation of 150 Volunteers in NSS Activities at the University level. 01 NCC cadet attended the Annual Training Camp, 06 NCC cadets attended the Combined ATC. 06 Cadets participated in the International Yoga Day and Martial Arts Training organised by 1 Maharashtra Battalion NCC, Mumbai. 02 Cadets also completed the Air Rifle / Basic Training and Safety course. Teaching staff and students visit Tirupati to offer services to Tirupati Tirumala Devasthanam.</p>
<p><b>4) <u>Infrastructure –Learning Resources:</u></b></p> <p>Expansion of library facilities by enhancing the user friendly services.</p> <p>Provision of additional learning resources, basic and advanced laboratory equipments and sports infrastructure to keep pace with the academic growth of the college.</p> <p>Provision of more computers and related advanced accessories.</p> <p>Upgradation of Chemistry, Micro-biology and Physics laboratories.</p> <p><b>5) <u>Student Support and Progression:</u></b></p> <p>Provision of an effective mechanism to use student feedback for quality enhancement.</p> <p>Expansion of student support services by activating placement cell and career counselling.</p>	<p>Free Internet facility is available for teachers. Conscious efforts are made to upgrade technology to facilitate efficient educational transactions, both academic and administrative.</p> <p>Essential laboratory equipments were purchased.<i>(Details- Appendix VI)</i> Required sports equipments and gears were purchased.<i>(Details- Appendix VI)</i></p> <p>The college has adequate computer facilities with easy access for teachers and students. Conscious efforts are made to enhance use of Information &amp; Communication Technologies (ICT) literacy.</p> <p>State-of-the art laboratories created to keep pace with the recent development in the field of study.</p> <p>Regular teacher feed-back forms are filled, analyzed and corrective steps are taken in the direction.</p> <p>14 placement seminars took place in which 257 students participated and more than 25 were placed in various organizations.</p>

<p>Efforts to improve pass percentage.</p> <p>Activating Alumni Association by increasing involvement of alumni in college activities.</p> <p><b>6) Organization and Management:</b> To provide effective security to students and staff</p> <p>Timely recruitment of adequate and qualified teaching staff to fill vacant posts in the college.</p> <p>To provide adequate payment of salaries to contractual and visiting faculties.</p> <p><b>7) Healthy Practices:</b> Consistent follow up of attendance defaulters</p> <p>Introduction of formal mechanism for follow up action on student feedback and teacher appraisal.</p> <p>Organization of co-curricular and extra-curricular activities to promote an ambience of creativity and innovation as well as value-based education, social responsibilities and good citizenry.</p> <p>Adoption of gender positive initiatives to facilitate development of girl students and gender sensitization in general.</p> <p>Hygiene and sanitation</p>	<p>Organizing guidance lectures for unsuccessful students (ATKT).</p> <p>Ex-students actively contribute to the magazine, NSS and in cultural activities.</p> <p>Security services were outsourced.</p> <p>Three faculty members were appointed in the unaided section.</p> <p>Salaries / remunerations are at par with other institutions.</p> <p>Attendance analysis of all UG classes is done by class teachers. Defaulter's list is displayed. Strict follow up measures are used to make repeated defaulters more regular in attendance.</p> <p>Mechanism is regularly followed and corrective measures implemented.</p> <p>Seventy – eight Co-curricular and Twenty Extra-curricular activities were organized.</p> <ul style="list-style-type: none"> <li>•Talk on 'Health and hygiene for women' in collaboration with zivame.com was organized on 13August 2015</li> <li>•Screening of short film, 'Soch Sahi, Mard Wahi' followed by a discussion on the film on 10 December 2015</li> <li>•Elocution competition on the topic, 'Violence behind closed doors' was held on 11December 2015</li> <li>•Slogan writing competition on issues related to women was held on 12 December2015</li> <li>•Talk on stress management for students was held in the month of January 2016.</li> </ul> <p>Outsourced house-keeping services to maintain cleanliness on the premises.</p>
--	---

*\*Attach the Academic Calendar of the year as Annexure. –See Appendix no. V*



**2.15 Whether the AQAR was placed in statutory body**      Yes       No

Management       Syndicate       Any other body

Provide the details of the action taken

Suggestions made by members /experts were incorporated in the final draft of the report.

## 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	01	--	--	--
PG	03	--	--	--
UG	06	--	--	--
PG Diploma	--	--	--	--
Advanced Diploma	--	--	--	--
Diploma	--	--	--	--
Certificate	--	--	--	--
Others	--	--	--	--
<b>Total</b>	10	--	--	--

Interdisciplinary	--	--	--	--
Innovative	--	--	--	--

##### 1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

##### (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	10(PG +UG)
Trimester	--
Annual	--

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.

Yes

Syllabus has been revised by the University for various courses to align with the new credit system. The same has been implemented by the college.

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

Nil

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
38(Aided) 20(Unaided)	18	20	-	20 (Unaided)

2.2 No. of permanent faculty with Ph.D.

14

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others (Unaided)		Total	
R	V	R	V	R	V	R	V	R	V
00	00	00	00	00	00	03	00	03	00

2.4 No. of Guest and Visiting faculty and Temporary faculty

00(Aided) 00(Unaided)	00(Aided) 00(Unaided)	03(Aided) 00(Unaided)
--------------------------	--------------------------	--------------------------

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	06	13	07
Presented	05	12	01
Resource Persons	01	---	---

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

- Greater use of multimedia facilities, computer aided learning, DLP and overhead projectors.
- Organizing guest lectures and industrial visits to strengthen teaching-learning process.

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)

Photocopy of the answer-book is made available to the students for verification on request from aggrieved students.

Revaluation of answer-books by external examiners is undertaken on request from aggrieved students.

2.9 No. of faculty members involved in curriculum restructuring/ revision/ syllabus development

00

00

01

as member of Board of Study/Faculty/Curriculum Development workshop

2.10 Average percentage of attendance of students

81%

## 2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division		
		O & A Grades	B Grades	Pass %
T.Y.B.Com	462	22.70	24.40	74.89
T.Y.B.Sc.(Chemistry)	44	06.80	15.90	29.54
T.Y.B.Sc.(Microbiology)	20	45.00	10.00	70.00
T.Y.B.Sc.( Physics)	30	00.00	13.33	13.33
T.Y.B.M.S	61	03.30	18.00	67.20
T.Y.B.B.I	51	03.90	23.50	68.60
T.Y.B.Sc. ( CS)	30	00.00	10.00	36.66
T.Y.B.Sc.( IT)	54	07.40	24.07	68.52
M.Com.(Accountancy)	56	25.00	25.00	82.14
M.Com. (Management)	16	37.50	37.50	87.50
M.Sc.( IT)	09	00.00	22.22	55.55

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

- Improved arrangements to facilitate effective running of the teaching-learning programmes.
- Appointment of qualified and adequate core faculty and reduction in the number of teaching staff on clock-hour basis to enable greater accessibility of teachers for guidance to students.
- Concentrated efforts are made to promote the sense of responsibility and accountability among the teachers as well as students.
- Conscious and sincere efforts are made to ensure that the student assessment mechanism is reliable and valid.
- Implementation of the academic activity calendar and the teaching plan for effective running of the teaching learning programme.
- Greater use of multimedia facilities such as audio/video cassettes, computer aided learning, DLP and overhead projectors.
- Organizing group discussions, guest lectures and industrial visits to strengthen teaching-learning process.
- Encouragement for continued academic progress and professional development. Research scholars and teachers are encouraged to attend International/National/ State/Organization level Seminars/Workshops/Conferences.
- Establishment of linkages with University department, organizations and industries.
- The teachers have opportunities for continued academic progress and professional development.
- The newly introduced credit-based semester system encourages active involvement of students in the teaching-learning process.

## **2.13 Initiatives undertaken towards faculty development**

- Teachers are provided with facilities and technical help to develop IT skills which can enable them to use online – learning resources for updating their knowledge and to further improve their performance.
- Teachers are encouraged to publish research papers, articles, books etc.
  - Research Publications in International peer reviewed journals - 03;
  - Research Publications in National peer reviewed journals – 02;
  - Co-authored books published – 29;
  - Papers presented at International conferences/seminars – 07;
  - Papers presented at National conferences/seminars – 15;

### ***For details see Appendix no. II***

- Teachers are advised and encouraged to engage in active research. Fourteen teachers are presently pursuing doctoral research at various institutes. Four teachers have taken up Minor Research Projects of the University of Mumbai. ***For details see Appendix no. III***
- The college has a mechanism to monitor and assess the performance of the teachers regularly through self-appraisal as well as feedback obtained from the students.

<i>Faculty / Staff Development Programmes</i>	<i>Number of Faculty Benefitted</i>
Refresher courses	05
UGC – Faculty Improvement Programme	--
HRD programmes	--
Orientation programmes	--
Faculty exchange programme	--
Staff training conducted by the university	--
Staff training conducted by other institutions	--
Summer / Winter schools, Workshops, etc.	01
Others- Short Term Course (1 Week duration)	03

#### **2.14 Details of Administrative and Technical staff**

<b>Category</b>	<b>Number of permanent employees</b>	<b>Number of vacant positions</b>	<b>Number of permanent positions filled during the year</b>	<b>Number of positions filled temporarily</b>
Administrative Staff	68(Aided) 03(Unaided)	12(Aided) 00(Unaided)	00(Aided) 00(Unaided)	00(Aided) 00(Unaided)
Technical Staff	00(Aided) 04(Unaided)	00(Aided) 00(Unaided)	00(Aided) 00(Unaided)	00(Aided) 00(Unaided)

### Criterion – III

#### 3. Research, Consultancy and Extension

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

- Promotion of research culture among teachers and students. Staff members are motivated to pursue M. Phil and Ph.D. degree.
- Staff members are encouraged to take-up research projects and related activities.
- Adjustment of teaching schedule to allow teachers to conduct research.
- Final year students of BMS, Banking & Insurance, Information Technology and Microbiology undertake project work as a partial fulfilment of the final year degree examination. Students are encouraged to undertake surveys, interviews, and collection of data to facilitate adequate exposure to contemporary developments in those areas. Advanced learners are encouraged to do more intensive study and gain in-depth knowledge.
- Provision of extended opportunities to the students to participate in community development and extension services.
- *Acanthus*, an inter-collegiate seminar is organised by the BMS and BBI Department in which students from various colleges participate and present research papers.

##### 3.2 Details regarding major projects

	Completed	On-going	Sanctioned	Submitted
Number	-----	-----	-----	-----
Outlay in Rs. Lakhs	-----	-----	-----	-----

##### 3.3 Details regarding minor projects

	Completed	On-going	Sanctioned	Submitted
Number	-----	-----	04	-----
Outlay in Rs.	-----	-----	1,17,000/-	-----

##### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	03	02	03
Non-Peer Review Journals	---	---	01
e-Journals	00	---	---
Conference proceedings	03	02	---

**3.5 Details on Impact factor of publications:**

Range  Average  h-index  Nos. in SCOPUS

**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	01 Year	Mumbai University	Rs. 1,17,000/-	Rs. 1,11,600/-
Interdisciplinary Projects	----	----	----	----
Industry sponsored	----	----	----	-----
Projects sponsored by the University/ College	----	----	----	----
Students research projects <i>(other than compulsory by the University)</i>	-----	---	----	----
Any other(Specify)	----	-----	-----	-----
Total	-----	-----		

**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**

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

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

**3.10 Revenue generated through consultancy**



**3.11 No. of conferences organized by the Institution**

Level	International	National	State	University	College
Number	00	00	00	01	00
Sponsoring agencies	00	00	00	00	00

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

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

**3.14 No. of linkages created during this year**

**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**

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	District	College
01	---	---	01	---	---	---

**3.18 No. of faculty from the Institution who are Ph. D. Guides**

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:

University level	150	State level	00
National level	00	International level	00

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

University level	08	State level	00
National level	00	International level	00

### 3.23 No. of Awards won in NSS:

University level	03	State level	00
National level	00	International level	00

### 3.24 No. of Awards won in NCC:

University level	00	State level	00
National level	00	International level	00

### 3.25 No. of Extension activities organized

University forum	---	College forum	02
NCC	09	NSS	14
		Any other	---

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

The college is responsive to community needs and intrinsically intertwined with the national fabric. Concentrated efforts are made to provide expanded opportunities to the students to participate in community development programmes.

- N.S.S. unit of the college provides Blood Donors Cards to needy persons which enable them to obtain a blood bottle (350 ml.) per card free of cost. Every year about 40-50 cards are used by college teaching/non-teaching staff and outsiders.
- Blood donation drive was organized on 29 July 2015 in which **146 blood bottles** were collected. Again on 11 December 2015, a second blood donation drive was organized in which **136 blood bottles** were procured, thus making a remarkable contribution of **282 blood bottles** in total in the academic year 2015-16.
- Zero Waste Campus Project was implemented on 17 July 2015. Around 30 NSS volunteers are associated with this project on daily basis to keep the cycle running.

- Clean and Green Project involved cleaning college premises on every Tuesday and Saturday, implemented in the month of August .
- Independence Day was celebrated. A street play on ‘Gender Discrimination’ was performed besides distributing sweets amongst slum children near Wadala Bridge.
- 25 trees saplings were planted in the college campus on 25 August 2015, which are taken care of on a regular basis.
- The Times Green Ganesha event was organized on 15 September 2015, in which around 47 NSS Volunteers from various colleges participated. Volunteers were taught to make eco-friendly Ganesha idols.
- On 28 September 2015, 33 of our volunteers actively took part in crowd controlling at Dadar TT station. Beach cleaning at Girgaon Chowpaty was conducted after Ganpati Visarjan in which 65 of our volunteers took part.
- NSS volunteers also helped in the blood donation camp held at CST organized by St. George’s Hospital from 18 November 2015 -19 November 2015.
- A street play on Nasha Bandhi was performed at CST on 6 December 2015.
- Following rallies were organised by the NSS Unit during the academic year 2015-16-
  1. A Peace March Rally (August 6, 2015)
  2. De-addiction Rally (September)
  3. 36 NSS volunteers participated in the Bhajan Sandhya (October 2, 2015)
  4. AIDs awareness Rally (November 30, 2015)

***Refer Appendix no. V for*** details on the activities conducted by the NSS & NCC units, Women Development Cell and Nature Club.

## Criterion – IV

### 4. Infrastructure and Learning Resources

#### 4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	1.5 acres	Nil	---	---
Class rooms	47	Nil	---	---
Laboratories	11	Nil	---	---
Seminar Halls	02	Nil	---	---
No. of important equipments purchased ( $\geq$ 1-10 lakhs) during the current year.	---	1) CC TV Camera 23 Nos. 2) Gymkhana Items	Internal	---
Value of the equipment purchased during the year (Rs. in Lakhs)	---	1) CC TV Camera– Rs. 2,86,685 2) Gymkhana Items– Rs. 1,33,500	Internal	Rs.4,20,185
Others	---	1)Lab Equipments– Rs.52,515 2) Printers – Rs.48,000	Internal	Rs. 1,00,515

#### 4.2 Computerization of administration and library

Efforts have been made to manage administrative and examination work in a technology – enabled way to ensure effective functioning of the college. Steps have been initiated to move towards electronic data management by adequately investing in hardware and suitably training the administrative and teaching staff.

- Admission procedure including preparation of admission list for open, minority and reserved category, acceptance of fees, issue of Identity Card and the maintenance of General Register have been computerized
- The University of Mumbai has adopted ICT (Information and Communication Technology) - enabled administrative processes by engaging Maharashtra Knowledge Corporation Ltd. (MKCL) for this purpose. The facility was used by the college to complete its enrolment of new entrants to F.Y.B.Com./B.Sc classes with the University of Mumbai.
- Examination procedure including acceptance of forms and fees, seating arrangement, preparation of results, issue of mark-sheet and certificate have been computerized.
- The college staff salary account has been computerized.
- Infrastructure and learning facilities have been further augmented in the college library to meet emerging needs of its users.

### 4.3 Library services:

	Existing (2014-2015)		Newly added (2015-2016)		Total	
	No.	Value	No.	Value	No.	Value
Text Books	726	92,858.00	371	45,665.00	1097	1,38,523.00
Reference Books	218	2,58,131.00	581	4,77,347.00	799	7,35,478.00
e-Books	---	---	---	---	---	---
Journals	43	39,635.00	43	57,559.00	44	97,194.00
e-Journals	---	---	---	---	---	---
Digital Database	---	---	---	---	---	---
CD & Video	13	---	15	---	28	---
Others (specify) Reading Room Material	---	19,000	---	19,519.00	---	38,519.00
Miscellaneous Expenses	---	34,958.78	---	36,313.69	--	71,272.47
Others			05	1)N list 2) DAOG 3)Directory of open access journal 4) Shodh Ganga 5) Shodh Gangotri		

### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Other
Existing	128	76	All	----	----	19	33	----
Total	128	----	----	----	----	----	----	-----

#### 4.5 Computer, Internet access, training to teachers and students and any other programme for Technology upgradation (Networking, e-Governance etc.)

The college has adequate computer facilities with easy access for teachers and students. Conscious efforts are made to enhance use of information & communication technologies (ICT) literacy.

- The IT & Computer Science laboratories have 65 computer terminals with the latest configuration and software and are connected with the LAN system.
- The M.Sc. (IT) laboratory has 11 computer terminals with Internet facility.
- The computer centre is well equipped with DLP, CD writers and computers. Students and teachers are encouraged to have power-point presentations.
- Two engineers have been appointed to assist the users and for maintenance of computers.
- Internet facility is available on all computers placed in the IT & Computer Science laboratory.
- Free Internet facility is available for teachers.

#### 4.6 Amount spent on maintenance in lakhs:

i) ICT	----
ii) Campus Infrastructure and facilities	----
iii) Equipments	----
iv) Others	Rs. 37.74
<b>Total:</b>	Rs. 37.74

## Criterion – V

### 5. Student Support and Progression

#### 5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Providing guidance and counselling to students
- Organizing placement related conferences and seminars
- Library orientation programme for freshers
- Active Students' Council
- Book Bank, scholarships and free ships

#### 5.2 Efforts made by the institution for tracking the progression

- Provision of an effective mechanism to use student feedback for quality enhancement.
- Expansion of student support services by activating placement cell and career counselling.
- Strengthening counselling facility for students.
- Efforts to improve pass percentage.
- Activating Alumni Association by increasing involvement of alumni in college activities.
- Effective network has been developed with institutions that impart professional training to encourage students to learn advanced professional skills.

#### 5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2551	206	00	00

#### (b) No. of students outside the state

13

#### (c) No. of international students

01

Men	<b>No</b>	<b>%</b>	Women	<b>No</b>	<b>%</b>
	1277	46.32		1480	53.68

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
2354	131	18	267	00	2770	2400	108	11	238	00	2757

Level	Programmes offered	Demand Ratio
UG	06	2.18: 1
PG	03	1.01:1

Dropout %- 2.43

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

There is no student support mechanism for coaching for competitive examinations.

No. of students beneficiaries

00

#### 5.5 No. of students qualified in these examinations

NET	00	SET/SLET	00	GATE	00	CAT	00
IAS/IPS etc.	00	State PSC	00	UPSC	00	Others	00

#### 5.6 Details of student counselling and career guidance

Conscious efforts have been made to enable holistic progress of the students, keeping in mind a vision for their overall development. Appropriate campus experience is provided to the students that would enable self-realization and promote good citizenry.

- The counselling cell is headed by trained teachers. Adequate help is extended to make the students stress free and feel confident to solve their problems related to family, health, finance, learning capabilities.
- The Career Guidance Cell is dedicated to helping the students to get into careers of their choice with the purpose of enabling students realize their potential and make their dreams come true. *Refer Appendix no. V* for details on activities of the Career Guidance Cell.
- Departments of Banking & Insurance, Management Studies and Information Technology and Computer Science (IT-CS) organize career launching and counselling lectures.

The college ceaselessly strives to provide a holistic development of its students to fit into the wider world.

No. of students benefitted

10 %

#### 5.7 Details of campus placement

Number of Organizations Visited	<i>On campus</i>		<i>Off Campus</i>
	Number of Students Participated	Number of Students Placed	Number of Students Placed
14	257	25	No data available



## 5.8 Details of gender sensitization programmes

The WDC aims to create awareness towards gender sensitization and provide a conducive environment for both males and females for their holistic development. Hence the activities conducted aim at achieving these goals.

- Talk on ‘Health and hygiene for women’ in collaboration with zivame.com was organized on 13 August 2015
- Screening of short film, ‘Soch Sahi, Mard Wahi’ followed by a discussion on the film on 10 December 2015
- Elocution competition on the topic, ‘Violence behind closed doors’ was held on 11 December 2015
- Slogan writing competition on issues related to women was held on 12 December 2015
- Talk on stress management for students was held in the month of January 2016.

## 5.9 Students Activities

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

State/ University level  National level  International level

### No. of students participated in cultural events

State/ University level  National level  International level

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

Sports: State/ University level  National level  International level

Cultural: State/ University level  National level  International level

## 5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	159	Rs.49,700/-
Financial support from government	50	Rs.2,36,291/-
Financial support from other sources	---	---
Number of students who received International/ National recognitions	---	---

**5.11 Student organised / initiatives**

<b>Fairs</b> :	State/ University level	<input type="text" value="00"/>	National level	<input type="text" value="00"/>	International level	<input type="text" value="00"/>
<b>Exhibition:</b>	State/ University level	<input type="text" value="00"/>	National level	<input type="text" value="00"/>	International level	<input type="text" value="00"/>

**5.12 No. of social initiatives undertaken by the students**

**5.13 Major grievances of students (if any) redressed:** Nil



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

#### 6.3.1 Curriculum Development

- The UG and PG programmes of the college have been assigned by the University of Mumbai. The pace of curricular redesigning in accordance with its relevance to the changing world of work and the scope to broaden the learner's attitude are highly restricted under the present system of affiliation. The credit-based semester system encourages active involvement of students in the teaching-learning process. Curricular updating is further made possible through co-curricular and extra-curricular activities of the college. Campus activities provide ample scope to shape the courses in line with emerging trends and make them relevant to suit the national and institutional objectives.

The following activities organized by the college would spell out the efforts taken by the college to introduce innovations in curricular design:

- Co-curricular activities such as guest lectures, students' presentations, exhibitions, poster-making, quiz competitions etc. were organized by various sections and associations of the college to update the students with the developments in their field of specialization. *Refer Appendix no. V.*
- Field and study visits to institutions/ industry were organized to supplement pedagogical knowledge with practical experience.
- The linguistic and cultural associations such as English Literary Association, Hindi Sahitya Mandal, Gujarati Sahitya Mandal, Marathi Vangamaya Mandal, Southern Cultural Association, Music Circle, and Students' Council organized functions to enrich the literary sense as well as to propagate and strengthen the rich cultural heritage of the country. *Refer Appendix no. V.*
- Activities of the N.S.S. and N.C.C. units provided the students necessary exposure and opportunities to participate in community-oriented programmes.  
*Refer Appendix no. V.*
- The Women Development Cell of the college organized programmes that adequately sensitized the students on various gender specific issues confronting society.  
*Refer Appendix no. V.*

### 6.3.2 Teaching and Learning

- Appointment of qualified and adequate core faculty and reduction in the number of teaching staff on clock-hour basis to enable greater accessibility of teachers for guidance to students.
- Conscious and sincere efforts are made to ensure that the student assessment mechanism is reliable and valid.
- Implementation of the academic activity calendar and the teaching plan for effective running of the teaching learning programme.
- Greater use of multimedia facilities such as audio/video cassettes, computer aided learning, DLP and overhead projectors.
- Organizing group discussions, guest lectures and industrial visits to strengthen teaching learning process.
- Establishment of linkages with University department, organizations and industries.
- The newly introduced credit-based semester system encourages active involvement of students in the teaching learning process.

### 6.3.3 Examination and Evaluation

Conscious efforts have been made to manage examination work in a technology enabled way to ensure effective functioning of the college.

- Examination procedure including acceptance of forms and fees, seating arrangement, preparation of results, issue of mark-sheet and certificate have been computerized.
- The credit based semester system for UG and PG programmes - B.Com. and B.Sc. have internal and external evaluation system for assessing performance of the students. The system of internal examination gives scope to have continuous evaluation of the students.
- Efficient internal evaluation techniques including projects, presentations, assignments and class tests, engage students in higher order thinking and promote professional orientation.
- Subject teachers guide the learners about appropriate methods for preparing for the university examination and provide important tips to improve their performance in the examination.
- Guidance lectures are conducted for the students appearing for ATKT examination at F.Y.B.Com./S.Y.B.Com. to provide them basic guidance on subject preparation.
- Photocopy of the answer-book is made available to the students for verification on request by aggrieved students.
- Revaluation of answer-books by external examiners is undertaken on request by aggrieved students.

### 6.3.4 Research and Development

The college is committed to sustaining and enhancing growth of knowledge. The college has always upheld and created conditions conducive for promoting research. Teachers are encouraged to participate in workshops, seminars and faculty development programmes to keep themselves abreast with the developments in their area of study.

- Conducive conditions have been created to uphold and promote academic research.
- Fourteen teachers are presently engaged in part time research leading to Ph.D. degree.
- Four teachers have received grant for minor research project under Faculty Development Program of University of Mumbai.

### 6.3.5 Library, ICT and physical infrastructure / instrumentation

- Infrastructure and learning facilities have been further augmented in the college library to meet emerging needs of its users.
- Free Internet facility is available for teachers.  
Conscious efforts are made to up-grade technology to facilitate efficient educational transactions, both academic and administrative.
- pH meter, Conductivity meter, Potentiometer, Sodium Vapour Lamp Transformer, Mercury Vapour Lamp Transformer were some of the laboratory equipments purchased.
- Football, Badminton, Cricket, Chess, Carrom, Basket Ball equipments and gears are purchased in accordance with the requirement.

### 6.3.6 Human Resource Management

- 1) Principal of the college is overall in charge of college activities.
- 2) Administrative activities are monitored by the Registrar.
- 3) Academic activities are monitored by vice-principals for each stream and by respective heads of departments.
- 4) New faculty members are trained for succession by inclusion in academic and extracurricular activities.
- 5) Performance appraisal of faculty members is conducted.

### 6.3.7 Faculty and Staff recruitment

- Appointment of qualified and adequate core faculty and reduction in the number of teaching staff on clock-hour basis to enable greater accessibility of teachers for guidance to students.
- Three new appointments in the unaided section
- Timely recruitment of adequate non- teaching staff to fill vacant posts in the college.
- Efforts have been made to provide adequate payment of salaries to contractual and visiting faculties.

### 6.3.8 Industry Interaction / Collaboration

- College extends help to Industry by providing opportunities to conduct placement seminars and interviews.
- Industrial visits were conducted by Departments of Chemistry, BMS-BBI, IT-CS and Planning Forum.
- Internship and summer training opportunities in various fields are provided to the students in well-known industries.
- Industries sponsor college events such as Orion, Resonance, Ehlaan, Acanthus and the Cultural events.
- College organizes various guest lectures, wherein subject experts from well known industries are invited as speakers.

### 6.3.9 Admission of Students

- Admission procedure including preparation of admission list for open, minority and reserved category, acceptance of fees, issue of Identity Card and the maintenance of General Register have been computerized.
- The University of Mumbai has adopted ICT (Information and Communication Technology) - enabled administrative processes by engaging Maharashtra Knowledge Corporation Ltd. (MKCL) for this purpose. The facility is used by the college to complete its enrolment of new entrants to F.Y.B.Com./B.Sc classes with the University of Mumbai.

### 6.4 Welfare schemes for

<b>Teaching</b>	Medical Aid provided
<b>Non-teaching</b>	Medical Aid provided
<b>Students</b>	Group Insurance Facility

6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done Yes

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

Audit Type	External		Internal	
	Yes	Agency	Yes/No	Authority
Academic	---	---	---	---
Administrative	---	---	---	---

### 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?

NA

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

NA

### 6.11 Activities and support from the Alumni Association

A strong liaison with the alumni provides the college valuable support by generating funds, placement, training and preparing the students for launching themselves into successful careers.

- The Alumni association of the college has been formally started only recently. There are around 2000 members of the association. Efforts are being made to activate the association by invigorating its activities. The college has adequate rapport with its alumni and receives ample support from them.
- Ex-students of the college provide valuable support to organize regular activities and rural camp of N.S.S.
- Those alumni who are well placed in various organization and institutions help the students by providing recruitment.
- Ex-students of the college also contribute to the college magazine –‘**The Welfarer**’ on a regular basis.
- Theatre workshop is organized by Rohak group-(ex-students of our college), which provides platform to new talents.
- Mr. Kedar Wamorkar of 2007-2008 batch funds the fees for one student every year.



## 6.12 Activities and support from the Parent – Teacher Association

The college is yet to formally start Parent-Teacher Association. However, the college has arrangement to interact with the parents.

- Parent-Teacher meetings are arranged in the case of those students who are found wanting to improve their performance in certain areas. Parents are suitably advised to help their wards.
- Parent-Teacher meetings are arranged for the students who are found indulging in unfair practices during examinations.
- The NAAC Enabling Committee organizes a parents meeting to obtain feedback from them on various aspects of curriculum such as the fees structure, teachers' attitude with parents and other related matters.

Sr. No.	Particulars	Year 2015-16
1.	Number of meetings held	01
2.	Average Attendance	100(Aided & Unaided respectively)
3.	Major suggestions	<ul style="list-style-type: none"><li>• Better canteen facilities</li><li>• Gymkhana facility to be improved</li><li>• Drinking water facility to be made available</li><li>• Better Library facilities</li><li>• ICT Labs- More facilities</li><li>• Parent Teachers meetings to be held more frequently</li></ul>

- Industrial visits are organized with the help of such parents who have connection with various organizations and institutions.
- Parents extend valuable support by arranging sponsors for the inter-collegiate events and are actively involved during cultural activities.

## 6.13 Development programmes for support staff

Manpower development has been an important element of organizational management of the college.

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

- 1) Micro-scale techniques are used in laboratories to avoid wastage and misuse of chemicals and effluents.
- 2) Campus is adequately green; the environment is not affected in spite of infrastructural development.
- 3) Environmental awareness is created by organising green Ganesha workshops in collaboration with the 'Times of India'
- 4) **Zero Waste Campus** project was implemented in the college -, with the objective of creating manure from the day-to-day garbage collected.
- 5) **Clean & Green Project**-NSS volunteers cleaned college premises every Tuesday & Saturday.
- 6) 25 Tree saplings were planted in the college campus.
- 7) A Nature Trail to Sanjay Gandhi National Park and Mahim Nature Park were organised as a part of NSS activity, with the purpose of sensitizing the young minds towards environment.

## Criterion – VII

### 7. 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.

- Provision of additional learning resources, basic and advanced laboratory equipments and sports infrastructure to keep pace with the academic growth of the college.
- Regular monitoring of cleanliness in and around the college campus by NSS team.
- Use of dust-free chalks.
- **Zero Waste Campus** project was implemented in the college, with the objective of creating manure from the day-to-day garbage collected.

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

- Augmented infrastructure by upgrading Gymkhana facilities
- Increased Industry participation in the college activities
- Improved placement activities for Undergraduate learners
- Increased use of multimedia facilities, computer aided learning, DLP and overhead projectors

#### 7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

- Organization of co-curricular and extra-curricular activities to promote an ambience of creativity and innovation as well as value-based education, social responsibilities and good citizenry.
- Results are handed over to parents

*Refer to Activity Calendar in the Appendix no. V.*

*\*Provide the details in annexure (annexure need to be numbered as i, ii,iii)*

#### 7.4 Contribution to environmental awareness / protection

- 1) Environmental awareness is created by organising green Ganesha workshops in collaboration with the 'Times of India'
- 2) **Zero Waste Campus** project was implemented in the college, with the objective of creating manure from the day-to-day garbage collected.
- 3) **Clean & Green Project**-NSS volunteers cleaned college premises every Tuesday & Saturday.
- 4) 25 Tree saplings were planted in the college campus.
- 5) A Nature Trail to Sanjay Gandhi National Park and Mahim Nature Park were organised as a part of NSS activity, with the purpose of sensitizing the young minds towards environment.

7.5 Whether environmental audit was conducted? Yes  No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

### SWOT Analysis

#### Strengths

- *Vidya Dhanam Sarva Dhanat Pradhanam* , - Knowledge being the greatest of all wealth- being the motto of the Institution, all activities in the organisation are influenced by this mission statement.
- Keeping in sync with this, the institution caters to a population which chiefly consists of first generation learners, belonging to the economically backward strata.
- Majority of the faculty members are well qualified and are committed to their work. Along with regular lectures, remedial classes are organized to ensure best performance.
- Faculty members are closely involved with the progress of students which is ensured through regular attendance meetings organized at the end of every month.
- This bond is further strengthened through organization of a spectrum of co-curricular & extra-curricular activities like-Field trips , Industrial visits, Literary competitions, emphasis on extension activities, to name a few.
- College is located at prime area with proximity to railway station, thus gathering diversified strata of students.

#### Weakness

- Limited use of ICT in regular teaching learning process.
- Inadequate collaborations with industry and other external agencies.
- Poor research orientated culture among students.

#### Opportunities

- With a huge students strength the institution is ready for accepting new programmes, under self-financing scheme, to keep abreast with the changing needs of the hour.
- Development of skill based courses to match the requirements of Industry, thus contributing to enhancing employability skills.
- Scope to offer diploma and certificate courses due to demand of students.

#### Threats

- Increasing demand for professional courses has resulted in a low demand for pure sciences.

### **8. Plans of institution for next year**

- To introduce new skill based programmes at the Undergraduate level based on students' demand.
- To introduce additional optional subjects for Undergraduate and Postgraduate programmes.
- Conduct certificate course in communication and soft skills.
- To promote use of technology in academic and administrative functioning.
- To augment infrastructure facilities to keep pace with academic growth.

*Name: Prof. (C.A.) Vaibhav Banjan*  
*IQAC Coordinator*

*Name: Dr. Usha Sukumar Iyer*  
*Chairperson, IQAC*

## **APPENDIX-I**

### **Faculty Development Programme:**

#### **Workshops:**

##### **a) For Syllabus Revision-**

<b>Name of the Teacher Department</b>	<b>Title</b>	<b>Date</b>	<b>University / State / National / International</b>	<b>Participant/ Paper Presented/ Resource Person</b>
Prof. Sunita Shirvalkar Dept. of Chemistry	Revised Syllabus of T.Y. B. Sc. Chemistry	8 <sup>th</sup> March 2016	University	Participant
Dr. Atul Deshpande Dept. of Chemistry	Revised Syllabus of T.Y. B. Sc. Chemistry	8 <sup>th</sup> March 2016	University	Participant
Prof. Betty Mathew Dept. of Chemistry	Revised Syllabus of T.Y. B. Sc. Chemistry	29 <sup>th</sup> February 2016	University	Participant
Dr. Tanuja Parulekar Dept. of Chemistry	Revised Syllabus of T.Y.B.Sc. Chemistry	8 <sup>th</sup> March 2016	University	Participant
Prof. Neeta Khanolkar Dept. of Microbiology	S.Y. B.Sc. CBSGS syllabus	13 <sup>th</sup> June 2015	University	Participant
Prof. Ajitha Nair Dept. of Microbiology	CBSGS for revised S. Y. B. Sc Microbiology syllabus	13 <sup>th</sup> June 2015	University	Participant
	Workshop on UG syllabus discussion in Microbiology	17 <sup>th</sup> November 2015	University	Organising Team Member
Prof. Mariamma Danny Dept. of Physics	Revised syllabus of SYBSC Physics	19 <sup>th</sup> November 2015	University	Participant

**b) Other Workshops attended and paper presented-**

<b>Name of the Teacher Department</b>	<b>Title</b>	<b>Date</b>	<b>University / State / National / International</b>	<b>Participant/ Paper Presented/ Resource Person</b>
Prof. (CA) Sucheta Kamath Dept. of Accountancy	Sexual Harassment of Women At Workplace (Prevention, Prohibition and Redressal) Act, 2013 and Related Issues	27 <sup>th</sup> - 28 <sup>th</sup> August 2015	University	Participant
Prof.(CA) Vaibhav Banjan Dept. of Accountancy	CAS Awareness	8 <sup>th</sup> August 2015	University	Participant
Prof. Helen Selvaraj Dept. of Accountancy	API for College Teachers	29 <sup>th</sup> August, 2015	University	Participant
Prof. Subhashini Iyengar Dept. of Commerce	API for College Teachers	29 <sup>th</sup> August 2015	University	Participant
	New Foreign Trade Policy – A boost to Make in India	8 <sup>th</sup> August 2015	National	Participant
Dr. Aarti Prasad Dept. of Economics	Sexual Harassment of Women At Workplace (Prevention, Prohibition and Redressal) Act, 2013 and Related Issues	27 <sup>th</sup> -28 <sup>th</sup> August 2015	University	Participant
Prof. Kamala Gopalan Dept. of English	Interactive session with Dr. Raghuram Rajan, Hon. Governor, RBI	16 <sup>th</sup> November 2015	College	Participant
Dr. Swapnesh Rangnekar Dept. of Environmental Studies	API for College Teachers	29 <sup>th</sup> August 2015	University	Participant
	Cyber Safety Awareness	10 <sup>th</sup> December 2015	Regional	Participant
	Use of SPSS in Research	11 <sup>th</sup> January 2016	National	Participant
	Internet Safety	3 <sup>rd</sup> March 2016	Regional	Participant
Dr.Gollakota V. V. Hemasundar Dept. of Mathematics	Basic Complex Analysis	1 <sup>st</sup> –6 <sup>th</sup> February 2016	University	Resource Person

Prof. Rama Vijaykumar Dept. of Mathematics	Cyber Safety Awareness	10 <sup>th</sup> December 2015	Regional	Participant
Dr. Tanuja Parulekar Dept. of Chemistry	API for College Teachers	29 <sup>th</sup> August 2015	University	Participant
	DAE-BRNS 3 <sup>rd</sup> National Workshop on Materials Chemistry-NWMC-2015	20 <sup>th</sup> -21 <sup>st</sup> November 2015	National	Participant
	Chemistry Teachers Workshop on Real-World Curriculum for Green Chemistry	6 <sup>th</sup> December 2015	Regional	Participant
	POGIL	29 <sup>th</sup> January 2016	Regional	Participant
Prof. Neeta Khanolkar Dept. of Microbiology	Accessing American Library resources	24 <sup>th</sup> July 2015	College	Participant
Prof. Sabina Thareja Dept. of Microbiology	Avishkar Research Convention	10 <sup>th</sup> – 12 <sup>th</sup> January 2016	State Level	Poster Presented
Prof. Mariamma Danny Dept. of Physics	Advanced Functional Materials	21 <sup>st</sup> - 22 <sup>nd</sup> March 2016	National	Participant
Prof. Ravindra Deodhar Dept. of Environmental Studies	Teaching Aids In Geography & Science	20 <sup>th</sup> September 2015	State Level	Participant
Dr. Daya Sridhar Dept. of Library	Attended workshop on Accessing American Library and Information Services	24 <sup>th</sup> July 2015	College	Participant
	Quick response QR code application in Library & Information Science “	12 <sup>th</sup> March 2016	College	Participant



**Seminars:**

<b>Name of the Teacher Department</b>	<b>Title</b>	<b>Date</b>	<b>University / State / National/ International</b>	<b>Participant/ Paper Presented/ Resource Person</b>
Prof.(CA) Dhiren Kanabar Dept. of Accountancy	Income computation & Disclosure standards	23 <sup>rd</sup> May 2015	Regional	Participant
	Finalisation of Accounts & Reporting requirements under the Companies Act, 2013	13 <sup>th</sup> June 2015	Regional	Participant
	Issue of T.D.S. with special reference to section 195, firms 15 CA/CB	11 <sup>th</sup> July 2015	Regional	Participant
	Exemptions & exclusions from Service-tax - Taxability of important sectors	8 <sup>th</sup> August 2015	Regional	Participant
	Issues related to service companies' returns.	17 <sup>th</sup> October 2015	Regional	Participant
	Capital gains on Immovable properties (including Redevelopment )	7 <sup>th</sup> November 2015	Regional	Participant
	Practical issues in I.C.D.S.	28 <sup>th</sup> November 2015	Regional	Participant
	Advanced Excel	16 <sup>th</sup> January 2016	Regional	Participant
	Finance Bill, 2016	5 <sup>th</sup> March 2016	Regional	Participant
	C.A. profession – Beyond the Management	12 <sup>th</sup> March 2016	Regional	Participant
	Private equity – An overview	19 <sup>th</sup> March 2016	Regional	Participant
Prof. (CA) Sucheta Kamath Dept. of Accountancy	Research Paper Publication Process	1 <sup>st</sup> July 2015	College	Participant
Prof.(CA) Vaibhav Banjan Dept. of Accountancy	NAAC-An Edge in Higher Education	16 <sup>th</sup> December 2015	University	Participant
Prof. Helen Selvaraj Dept. of Accountancy	Research Paper Writing	7 <sup>th</sup> January 2016.	College	Participant
	Research Paper Publication Process	1 <sup>st</sup> July 2015	College	Participant
Prof. Ravi Singh Dept. of Commerce	Research Paper Writing	7 <sup>th</sup> January 2016.	College	Participant

	Research Paper Publication Process	1 <sup>st</sup> July 2015	College	Participant
Prof. Kirti Nakhare Dept. of English	Routing the Rootless: Explorations into the literatures of Indigenous Cultures	11 <sup>th</sup> September 2015	National	Paper Presented
Prof. Arul Kumar Pandian Dept. of Law	Cyber Fraud & Privacy Concern	11 <sup>th</sup> July 2015	Regional	Participant
	RTI	13 <sup>th</sup> January 2016	Regional	Participant
Prof. Rama Vijaykumar Dept. of Mathematics	Research Paper Publication Process	1 <sup>st</sup> July 2015	College	Participant
Dr. Satish Bhalekar Dept. of Chemistry	Recent Developments In Chemical And Material Sciences	5 <sup>th</sup> -6 <sup>th</sup> February 2016	National	Poster Presented
Dr. Tanuja Parulekar Dept. of Chemistry	NAAC-An Edge in Higher Education	16 <sup>th</sup> December 2015	University	Participant
Dr. Daya Sridhar Dept. of Library	Advanced Koha	25 August 2015	Regional	Participant

**Conference / Symposia:**

<b>Name of the Teacher Department</b>	<b>Title</b>	<b>Date</b>	<b>University / State / National / International</b>	<b>Participant/ Paper Presented/ Resource Person</b>
Prof.(CA) Vaibhav Banjan Dept. of Accountancy	Capital Gains	9 <sup>th</sup> March 2016	College	Resource Person
Prof. Helen Selvaraj Dept. of Accountancy	Faculty Development Programme	10 <sup>th</sup> -11 <sup>th</sup> September 2015	College	Participant
Prof. Subhashini Iyengar Dept. of Commerce	Emerging trends in Quality Education – Road Ahead	2 <sup>nd</sup> September 2015	National	Paper Presented
Prof. Sumati Chandok Dept. of Economics	Faculty Development Programme	10 <sup>th</sup> -11 <sup>th</sup> September 2015	College	Participant
Dr.Sanghamitra Mishra Dept. of Economics	India-An Emerging Economy :Opportunities &Challenges	4 <sup>th</sup> - 5 <sup>th</sup> December 2015	National	Paper Presented
Dr. Kamala Gopalan Dept. of English	Landmarks in Indian and World Literature	26 <sup>th</sup> -28 <sup>th</sup> November 2015	International	Paper Presented
	New Trends in Humanities, Gender and Cultural Studies	9 <sup>th</sup> -10 <sup>th</sup> October 2015	International	Paper Presented
Prof. Kirti Nakhare Dept. of English	New Trends in Humanities, Gender and Cultural Studies	9 <sup>th</sup> -10 <sup>th</sup> October 2015	International	Paper Presented
	Strategies for Implementing Best Practices in Teaching – Learning and Evaluation	2 <sup>nd</sup> -3 <sup>rd</sup> March 2016	National	Paper Presented
Prof. Ravindra Deodhar Dept. of Environmental Studies	Recent Trend in Research Methodology in Commerce, Mgmt., & Social Science	18 <sup>th</sup> -19 <sup>th</sup> December 2015	National	Paper Presented
Dr. Swapnesh Rangnekar Dept. of Environmental Studies	Biomarkers for radiation exposure and cancer.	1 <sup>st</sup> August 2015	International	Participant

	Climate change and Sustainability	21 <sup>st</sup> -23 <sup>rd</sup> December 2015	International	Paper Presented
	Environmental Monitoring, Assessment and Pollution Control	10 <sup>th</sup> -11 <sup>th</sup> December 2015	National	Paper Presented
Dr.Gollakota V. V. Hemasundar Dept. of Mathematics	Recent Developments in Mathematical Sciences and their Applications to Science and Technology	11 <sup>th</sup> -13 <sup>th</sup> December 2015	National	Paper Presented
	Fascinating Primes	27 <sup>th</sup> July 2015	College	Resource Person
Prof. Rama Vijaykumar Dept. of Mathematics	Recent trends in Differential Equation and its application	30 <sup>th</sup> -31 <sup>st</sup> January 2016	National	Paper Presented
Dr. Sampada Shrivastava Dept. of Mathematics	Recent trends in Differential Equation and its application	30 <sup>th</sup> -31 <sup>st</sup> January 2016	National	Paper Presented
	Recent Trends in Mathematics & Statistics	5 <sup>th</sup> September 2015	National	Paper Presented
Dr. Surendra Pandey Dept. of Physics	60 <sup>th</sup> Department of Atomic Energy Solid State Physics Symposium - 2015 (60 <sup>th</sup> DAE SSPS 2015)	21 <sup>st</sup> -25 <sup>th</sup> Dec 2015	National	Paper Presented
Dr. Anuradha Natarajan	Precision Physics of Simple Atomic Systems (PSAS 2016)	22 <sup>nd</sup> -27 <sup>th</sup> May 2016	International	Paper Presented
Prof. Sunita D. Shirvalkar Dept. of Chemistry	International Conference on Chemical and Biological Sciences	23 <sup>rd</sup> - 24 <sup>th</sup> March-2016	International	Paper Presented
Dr. Tanuja Parulekar Dept. of Chemistry	Environmental Monitoring, Assessment and Pollution Control	10 <sup>th</sup> -11 <sup>th</sup> January 2016	National	Paper Presented
	Strategies for	2 <sup>nd</sup> - 3 <sup>rd</sup>	National	Paper

	Implementing Best Practices in Teaching – Learning and Evaluation	March 2016		Presented
Prof. Sabina Thareja Dept. of Microbiology	Integrated Approaches for Promotion and Development of Herbal Medicine	5 <sup>th</sup> -6 <sup>th</sup> December 2015	National	Poster Presented
Dr. Daya Sridhar Dept. of Library	Digital Governance: Innovation and libraries	14 <sup>th</sup> -16 <sup>th</sup> April 2016	International	Participant
	International Research Conference	6 <sup>th</sup> February 2016	International	Resource Person

**Refresher/Orientation Course:**

<b>Name of the Teacher Dept.</b>	<b>Title</b>	<b>University / State / National / International</b>	<b>Participant/ Paper Presented/ Resource Person</b>
Prof. Subhashini Iyengar Dept. of Commerce	Refresher course on Make in India	Mumbai University	Participant
Dr. Aarti Prasad Dept. of Economics	Short Term Programme on 'Women Empowerment and Sustainable Development'	UGC-HRC, Devi Ahilya Vishwavidyalaya, Indore.	Participant
Prof.(CA) Vaibhav Banjan Dept. of Accountancy	Certificate course in Forensic Audit and Fraud Detection	National	Participant
Dr. Ravindra Deodhar	Refresher Course In Geography	Rani Durgawati Vishwavidyalaya, Jabalpur (M.P.)	Participant
Prof. Kirti Nakhare Dept. of English	Refresher Course in Subaltern History and Studies	Rajasthan University	Participant
Prof. Rama Vijaykumar Dept. of Mathematics	Short term course on Research Methodology in Basic Sciences	Mumbai University	Participant
Dr. Anuradha Natarajan	Refresher course in Quantum Mechanics(RCQM)	Dept. of Physics, University of Mumbai; Indian Science Congress & IISc	Participant
Dr. Tanuja Parulekar Dept. of Chemistry	Refresher Course in Environmental Studies (Inter Disciplinary)	Mumbai University	Participant
Prof. Ajitha S. Nair	Short term course on Research Methodology in Basic Sciences	Mumbai University	Participant

## **List of Papers Presented by the Teaching Staff:**

- **Department of Commerce:**

### **Prof. Subhashini Iyengar**

1. Presented a paper entitled, “SWOT Analysis of Professional Courses ”, at National Conference on “Emerging trends in Quality Education – Road Ahead”, organised by Pragati College, Dombivli , on 2<sup>nd</sup> September 2015

- **Department of Economics**

### **Dr.Sanghamitra Mishra**

1. Presented a paper entitled “Inclusive Education: A study on empowerment of differently abled children in selected slums of Bhubaneswar”, at National Conference on “ India-An Emerging Economy :Opportunities &Challenges”, organised by G .N. Khalsa College, Mumbai on 4<sup>th</sup> & 5<sup>th</sup> December 2015

- **Department of English:**

### **Dr. Kamala Gopalan**

1. Presented a paper entitled, “Queer Writing : India & Canada ”, at International National Conference on “Landmarks in Indian and World Literature ”,organised by OUCIP & ISCS, on 26<sup>th</sup> to 28<sup>th</sup> November2015
2. Presented a paper entitled, “Out of the Claustrophobia of the Closet” at International Conference on “New Trend in Humanities, Gender and Cultural Studies” organised by Dept. Of English, N G Acharya & D K Marathe College of Arts, Science & Commerce in Collaboration with M G E & W Society’s Centre for Humanities & Cultural Studies, Kalyan (W) on 9<sup>th</sup>& 10<sup>th</sup> October 2015

### **Prof. Kirti Nakhare**

1. Presented a paper entitled “Studying the Marginalised in Select Works by Mahasweta Devi based on the Mahabharata.” at the UGC Sponsored National Seminar on “Routing the Rootless: Explorations into the literatures of Indigenous Cultures” organised by Dept. of English, St. Andrew’s College, Mumbai on 11<sup>th</sup> September 2015.
2. Presented a paper entitled “The Mahabharata, Mahasweta and Ganesh Devy: Viewing the Epic through the Tribal Eye.” at International Conference on “New Trend in Humanities, Gender and Cultural Studies” organised by Dept. Of English, N G Acharya& D K Marathe College of Arts, Science & Commerce in Collaboration with M G E & W Society’s Centre for Humanities & Cultural Studies, Kalyan (W) on 9<sup>th</sup>& 10<sup>th</sup> October 2015.
3. Presented a poster titled “Role of Presentation Skills and Group Discussion in Enhancing Employability Skills” at Two day National Conference on “Strategies for Implementing Best Practices in Teaching–Learning and Evaluation” organised by Dr. Bhanuben Mahendra Nanavati College of Home Science, Matunga on 2<sup>nd</sup> & 3<sup>rd</sup> March 2016.

- **Department of Environmental Studies**

**Prof. Ravindra Deodhar**

1. Presented a paper entitled, “Agro- Tourism A source of Dual Economy to Farmers in the Vicinity of Metro-Politian Mumbai city” in National Conference on Recent Trend in Research Methodology in Commerce, Mgmt., & Social Science held on 18<sup>th</sup> & 19<sup>th</sup> December 2015, at University of Mumbai & Sant Gadge Maharaj College, Khetwadi ,Mumbai.

**Dr.Swapnesh Rangnekar**

1. Presented a paper entitled, “Impact of Anthropogenic Activities on Heavy Metal Accumulation in Food Crops and Crop Toxicity” at Three day International Conference on “Climate change and Sustainability” organised by Thakur College, University of Mumbai, Academy of Environmental Biology and Edith Cowan University, Australia on 21<sup>st</sup> to 23<sup>rd</sup> December 2015.
2. Presented a paper entitled, “Environmental Impact of Idol immersion on the lentic water system of Mumbai, India” at Two day National Conference on “Environmental Monitoring, Assessment and Pollution Control” organised by SIES College, Nerul and Chromatographic Society of India on 10<sup>th</sup> & 11<sup>th</sup> December 2015.

- **Department of Mathematics**

**Dr.Gollakota V. V. Hemasundar**

1. Presented a paper entitled, “On Surfaces that are diffeomorphic to open subsets of  $S^2$ ”, at Three day National Conference “Recent Developments in Mathematical Sciences and their Applications to Science and Technology” organised by XXIV Congress of Andhra Pradesh Society for Mathematical Sciences at the Vignana Bharati Institute of Technology, Hyderabad on 11<sup>th</sup> to 13<sup>th</sup> December 2015.

**Prof. Rama Vijaykumar**

1. Presented a paper entitled, “Modern Interpolation Emulates Ancient Indian Mathematics” at Two day National Conference on “Recent trends in Differential Equation and its application” organised by C.K.T. College, New Panvel on 30<sup>th</sup> & 31<sup>st</sup> January 2016.

**Dr. Sampada Shrivastava**

1. Presented a paper entitled, “Semi-topological Notions ” at UGC sponsored one day National Conference on “Recent Trends in Mathematics & Statistics” organised by M.D. College of Arts, Science & Commerce, Parel, Mumbai on 5<sup>th</sup> September 2015.
2. Presented a paper entitled, “Topological Properties of Partial Metric Spaces” at Two day National Conference on “Recent trends in Differential Equation and its application” organised by C.K.T. College, New Panvel on 30<sup>th</sup> & 31<sup>st</sup> January 2016.



- **Department of Physics:**

**Dr. Surendra Pandey**

1. Presented a paper entitled, “Simulation of Optical Spectra of Ar Implanted GaSb” in the National Symposia titled “60th Department of Atomic Energy Solid State Physics Symposium -2015 (60th DAE SSPS 2015)” held at DAE, BARC & Amity University at Amity University Campus, Noida, Uttar Pradesh from 21<sup>st</sup> to 25<sup>th</sup> December 2015.

**Dr. (Ms.) Anuradha Natarajan**

1. Presented a paper entitled, “Relativistic calculation of 2s3s transitions in He -like ions” in The International Conference titled “Precision Physics of Simple Atomic Systems (PSAS 2016)” held at Hebrew University of Jerusalem, Jerusalem, Israel from 22<sup>nd</sup> to 27<sup>th</sup> May 2016.

- **Department of Chemistry:**

**Prof. Sunita D. Shirvalkar**

1. Presented a paper entitled, “Optimisation of Microwave Assisted Extraction of Betulinic Acid from the Leaves of Vitexnegundolinn, and its Comparison with Conventional Extraction Method.” at the International Conference organised by 3<sup>rd</sup> International Conference on Chemical and Biological Sciences held at Amsterdam, Netherlands, on 23<sup>rd</sup> & 24<sup>th</sup> March 2016.

**Dr. Satish Bhalekar**

1. Presented a Poster titled “Effect of Molar Ratio of Substrates and Hydrochloric Acid on Mannich Reaction of Propiophenone and Acetophenone using Secondary Amines and Chloromethyl Methyl ether Solution” in the National Seminar on “Recent Developments In Chemical and Material Sciences” organized by Dapoli Urban Bank Senior Science College, Dapoli, Dist. Ratnagiri, Maharashtra, on 5<sup>th</sup> & 6<sup>th</sup> February 2016.
2. Presented a Poster titled “Energy Minimized Structure of Some Novel Molecules Obtained by Scanning The Molecules by Computer Perspective Views” in the National Seminar on “Recent Developments In Chemical and Material Sciences” organized by Dapoli Urban Bank Senior Science College, Dapoli, Dist. Ratnagiri, Maharashtra, on 5<sup>th</sup> & 6<sup>th</sup> February 2016.

**Dr. Tanuja Parulekar**

1. Presented a poster entitled, “Environmental Impact of Idol immersion on the lentic water system of Mumbai, India” at Two day National Conference on “Environmental Monitoring, Assessment and Pollution Control” organised by SIES College, Nerul and Chromatographic Society of India on 10th & 11th December 2015.
2. Presented a poster titled “Teaching and Learning-Introducing a Student-centric Approach” at Two day National Conference on “Strategies for Implementing Best Practices in Teaching– Learning and Evaluation” organised by Dr. Bhanuben Mahendra Nanavati College of Home Science, Matunga on 2<sup>nd</sup> & 3<sup>rd</sup> March 2016.

- **Department of Microbiology:**

**Prof. Sabina Thareja**

1. Presented a Poster entitled, “Quantitation of Stigmasterol from the flowers of *Woodfordia fruticosa* Kurtz. and its formulations ” at Two day National Conference on “Integrated Approaches for Promotion and Development of Herbal Medicine “ organised by School of Natural Product Studies, Jadhavpur University, Kolkata on 5<sup>th</sup> & 6<sup>th</sup> December 2015.
2. Presented a Poster entitled “Value addition for Agricultural Produce: A case study on Bioactivity Guided Standardization of flowers of *Rhododendron arboretum* at State Level Inter University Avishkar Research Convention 2015 organised by Savitribai Phule University, Pune from 10<sup>th</sup> to 12<sup>th</sup> January 2016 and secured the Second position in the Agriculture and Animal Husbandry, Teacher category (TH) at the University and State (Inter University) level.

- **Department of Library :**

**Dr. Daya Sridhar**

1. Presented a paper titled “Information Literacy in Academic Libraries: A survey of the First year Commerce and Science Undergraduates Students at the International Conference on Digital Governance: Innovation and libraries organised by Asian Library Association & IIM Indore on 14<sup>th</sup> to 16 April 2016.

## **APPENDIX—II**

### **List of Publications of the Teaching Staff:**

#### **Publications**

- **Department of Accountancy**

#### **Prof. Helen Selvaraj**

1. A Study on Investment Pattern of Unaided Degree College Teachers in Mumbai w.s.r.t. Gender and its impact on Financial Goals and Nature of Investors.( Page No. 13-20) Accanthus, ISBN 978-93-5262-068-5.

- **Department of Commerce**

#### **Prof. Ravi Singh**

1. A critical study on Human Resource Practices in Pharmaceutical companies w.r.t. the age of Medical Representatives in Mumbai region.(Page no. 21-30) Accanthus, ISBN 978-93-5262-068-5.

- **Department of Economics**

#### **Dr.Sanghamitra Mishra**

1. Paper entitled “Inclusive Education: A study on empowerment of differently abled children in selected slums of Bhubaneswar”, at a National Conference on “ India-An Emerging Economy :Opportunities &Challenges”, organised by G .N. Khalsa College, Mumbai. Paper published in Conference proceedings ISBN 978-81-926112-0-4

- **Department of English**

#### **Dr. Kamala Gopalan**

1. “Traversing the ‘Glocal’ Space in Jhumpa Lahiri’ novel The Lowland”. Vol. IV, 2015, 60-69.Ruminations: The Andean Journal of Literature. ISSN 2249-9059
2. Paper entitled “Out of the Claustrophobia of the Closet”. Page 34-36, in conference proceeding of Two Day International Conference on New Trends in Humanities, Gender and Cultural Studies. Vol 2 (9<sup>th</sup>&10<sup>th</sup> October 2015, organized by Acharya & Marathe College with Centre for Humanities and Cultural Studies ISBN: 978-93-83871-92-6

#### **Prof. Kirti Nakhare**

1. ‘Songlines-A Waning Cultural Vestige: An Eco Critical Analysis of the Songlines’ in Journal of Higher Education and Research Society, ISSN 2349-0209.
2. Paper entitled “The Mahabharata, Mahasweta and Ganesh Devy: Viewing the Epic Through the Tribal Eye” in conference proceeding of Two day International Conference on New Trends in Humanities, Gender and Cultural Studies. Vol 2 (9<sup>th</sup>&10<sup>th</sup> October

2015, organized by Acharya & Marathe College with Centre for Humanities and Cultural Studies ISBN: 978-93-83871-92-6

- **Department of Mathematics**

**Dr. Gollakota V. V. Hemasundar**

1. Families of Compact Riemann Surfaces. 727-731 The Houston Journal of Mathematics ISSN 0362-1588.

**Dr. Sampada Shrivastava**

1. On Semi-Topological Notions, in the Conference Proceedings of One day National Conference on Recent Trends in Maths & Stats. on 5<sup>th</sup> September 2016, Organized by M.D. College ISBN: 978-81-925005-4-6

- **Department of Chemistry**

**Dr Satish Bhalekar**

1. "Mannich Amino Methylation Reactions using Chloromethyl Methyl Ether", in *Res. J. Chem. Environ.*, Vol.19 (10), Oct. 2015, pp 20-24.(E-ISSN:2278-4527)
2. Synthesis and Biological Activity of 4-(4-bromophenyl)-2-[4-(arylhydrazono-3- methyl-5-(5-bromopyridin-2-yl) imino- 4,5-dihydro pyrazol-1-yl] -1,3-thiazole Derivatives, in *International J of Chemical Sciences*, 13(4),2015, 1844-1848.(ISSN: 0972-768X)

- **Department of Microbiology**

**Prof. Ajitha S. Nair**

1. " Screening of industrially important *Bacillus species* and their cultivation on Agro Waste substrates" in IDEAS - a compilation Volume 8, 2015-16 ISSN 2320-0162

- **Department of Library**

**Dr.Daya Sridhar**

1. "Information Literacy in Academic Libraries: a survey of the First year Commerce and Science Undergraduates students at the International Conference on Digital Governance: Innovation and libraries. Asian Library Association, New Delhi ISBN : 978-93-5258-425-3

## **Books:**

- **Department of Accountancy:**

### **Prof. (CA) Dhiren Kanabar**

Co-author –

1. Financial Accounting' for T. Y.B.Com. (Sem. VI), Sheth Publishers Pvt. Ltd.  
ISBN-978-93-5149-113-2
2. Accountancy & Financial Management for S.Y.B.Com. (Sem.-III), Sheth Publishers Pvt. Ltd.  
ISBN-978-93-5149-495-9
3. Accountancy & Financial Management for S.Y.B.Com.(Sem-IV) , Sheth Publishers Pvt. Ltd.  
ISBN-978-93-5149-104-0
4. Advanced Financial Accounting for M Com. (Sem-I), Sheth Publishers Pvt. Ltd.
5. Advanced Financial Management for M.Com. (Sem-III), Sheth Publishers Pvt. Ltd.  
ISBN-978-93-5149-335-8
6. Advanced Financial Management for M.Com. (Sem-III), Sheth Publishers Pvt. Ltd.  
ISBN-978-93-8368-118-1

### **Prof.(CA) Vaibhav Banjan**

Co-author-

1. Cost Accounting for T.Y. B. Com. (Sem. V), Sheth Publishers Pvt. Ltd.  
ISBN-978-93-8349-746-1
2. Cost Accounting for T.Y. B. Com. (Sem. VI), Sheth Publishers Pvt. Ltd.  
ISBN-978-93-5149-386-0

- **Department of Environmental Studies**

### **Prof. Ravindra Deodhar**

Co-author-

1. Map Work Book in Environmental Studies for F.Y. B. Com.(Sem.II), Mumbai University

- **Department of Physics**

### **Dr. Surendra Pandey**

Co-author-

1. Nanomaterials for Sustainable Green Technology, K.V. Pendharkar College, Dombivli(east)  
ISBN-978-81-9258-422-5

- **Department of Chemistry**

**Prof. Asha Mathew**

Co –author -

1. College Physical Chemistry, F.Y.B.Sc., Himalaya Publishing House, ISBN-978-93-5142-783-4
2. College Physical Chemistry, S.Y.B.Sc., Himalaya Publishing House, ISBN-978-93-5202-741-5
3. College Physical Chemistry, T.Y.B.Sc., Himalaya Publishing House, ISBN-978-93-5262-136-1

**Dr.Tanuja Parulekar**

Co –author –

1. College Organic Chemistry, F. Y.B. Sc., Himalaya Publishing House, ISBN-978-93-5142-873-2
2. College Organic Chemistry, S. Y. B. Sc., Himalaya Publishing House, ISBN-978-93-5202-714-9

- **Department of Business Management Studies**

**Prof. Vinod Nayak**

Co –author -

1. Laws Governing Banking & Insurance, S.Y.B.Com.(B&I)(Sem.III), Himalaya Publishing , House, ISBN-978-93-5202-839-9
2. Entrepreneurship Management S.Y.B.Com.(B&I)(Sem.IV), Himalaya Publishing House, ISBN-978-93-5142-292-1
3. Economics –II (Macro), F.Y.B.Com.(B&I)(Sem.II), Himalaya Publishing House, ISBN-978-93-5142-383-6
4. Corporate Law, S.Y.B.Com.(B&I)(Sem.IV), Himalaya Publishing House, ISBN-978-93-5142-280-8
5. Business Law, F.Y. Bachelors of Management Studies (Sem. I), Thakur Publishers, Pune
6. International Finance, T.Y. Bachelors of Management Studies (Sem.VI), Thakur Publishers, Pune

- **Department of Banking & Insurance**

**Dr.Veena Prasad**

Co –author -

1. Entrepreneurship Management S.Y. B.Com. .(B&I)(Sem. IV), Himalaya Publishing House, ISBN-978-93-5142-292-1
2. Human Resource Management for T.Y. B.Com. (B &I)(Sem. VI), Himalaya Publishing House, ISBN-978-93-5142-285-3
3. Economics –II (Macro), F.Y.B.Com.(B&I)(Sem.II), Himalaya Publishing House, ISBN-978-93-5142-383-6

4. Cooperatives and Rural Markets for S.Y. Bachelors of Management Studies (Sem. IV), Thakur Publishers, Pune, ISBN-978-93-8313-053-5
5. Principles of Management for F.Y. Bachelors of Management Studies (Sem. I) Thakur Publishers, Pune, ISBN-978-93-5163-129-3
6. Organizational Behaviour & Human Resource Management, S.Y. Bachelors of Management Studies (Sem. III), Himalaya Publishing House, ISBN-978-93-5202-641-8
7. Consumer Behaviour, S.Y. Bachelors of Management Studies (Sem. IV), Himalaya Publishing House, ISBN-978-93-5202-654-8
8. Recruitment & Selection, S.Y. Bachelors of Management Studies (Sem. III), Himalaya Publishing House, ISBN-978-93-5202-763-7

## **APPENDIX-III**

### **Details of Research Scholars:**

#### **Vice Principal (Ms.) Neeta Khanolkar, Head, Department of Microbiology**

- Selected for the Ph. D programme under the guidance of Dr. D. B. Thakare, Head, Department of Microbiology, K.B.P College, Vashi, University of Mumbai.

#### **Prof. (Ms.) Sunita Shirvalkar, Department of Chemistry**

- Presently doing research on “ Study of Antimalarial Activity of Some Medicinal Plants with Betulinic Acid and Berberine as Markers” leading to Ph.D. degree in Chemistry of the University of Mumbai, under the supervision of Dr. Kiran Mangaonkar , Mithibai College , Mumbai.

#### **Prof. (Ms.) Rekha Bhatia, Department of Microbiology**

- Presently doing research on “Prevalence, Characterization and Treatment of ‘Carbapenam Resistant Enterobacteriaceae’ in Mumbai” leading to Ph. D programme under the guidance of Dr.Saraswati Patel, Associate Professor in Microbiology of CHM College, University of Mumbai.

#### **Prof. (Ms.) Sabina Thareja, Department of Microbiology**

- Presently doing research on “Evidence Based Validation of Woodfordia Fruticosa (Linn) Kurz Flowers as a Fermenter in the Preparation of Ayurvedic Formulation” leading to Ph.D degree in Biotechnology of University of Mumbai, under the guidance of Dr. Sunita Shailajan, of Ramnarain Ruia College, Mumbai .

#### **Prof. (Ms.) Ajitha Nair, Department of Microbiology**

- Presently doing research on “Studies on Probiotic Bacillus Species for Nutraceutical Preparation” under the guidance of Dr. Aparna Dubhashi, G. N. Khalsa College, University of Mumbai.

#### **Prof. (Ms.) Asha Mathew, Department of Chemistry**

- Presently doing research on Electrometric Speciation and Spectrophotometric Studies of Lanthanide – PAN Complexes in Micellar Media” leading to Ph.D. degree of the University of Andhra Pradesh under the supervision of Dr. P Shyamala and Prof. (Dr) A Satyanarayana (Co-Guide) from department of Physical, Nuclear and Chemical Oceanography, School of Chemistry, Andhra University.

#### **Prof. (Mr.) Sandeep Vansutre, Department of Physics**

- Presently doing research on “Investigation of Multiferroic Behaviour in Rare Earth –Transition Metal Oxides (RTO<sub>3</sub>) in Bulk and Nano sized Formulations” leading to Ph.D. degree of the University of Mumbai under the supervision of Dr. Radha Srinivasan, Department of Physics, University of Mumbai.

#### **Prof. (Ms.) Kirti Nakhare: Department of Business Communication**

- Presently doing research on “A study of the subaltern in select works based on the Mahabharata” leading to Ph.D. degree of the University of Mumbai under the supervision of Dr. Hemangi Bhagwat of Somaiya College, Mumbai.



**Prof. (Ms.) Rama Vijaykumar: Department of Mathematics**

- Presently doing research on “Indian Contribution to Mathematics In Relation To Aryabhata and Brahmagupta” leading to Ph.D. degree of the JJT University under the supervision of Dr. Prabha Rastogi of Bhavans College, Andheri, Mumbai.

**Prof. (Mr.) Ravindra Singh: Department of Bachelor of Management Studies**

- Presently doing research on “A Critical Study on Human Resource Practices in Pharmaceutical Companies with Special Reference to Medical Representatives in Mumbai Region” leading to Ph.D. degree of the University of A.P. (Kuppam) under the supervision of Prin. P.G. Gopalakrishnan of S.I.W.S. College, Mumbai.

**Prof. (Mr.) Vinod Nayak: Department of Bachelor of Commerce (Banking & Insurance)**

- Presently doing research on “A Study of Job Satisfaction on Employees of Mumbai Police” leading to Ph.D. degree of the University of A.P. (Kuppam) under the supervision of Prin. P.G. Gopalakrishnan of S.I.W.S. College, Mumbai.

**Prof. (Ms.) S. Helen Selvaraj: Department of Accountancy**

- Presently doing research on “A Study on Investment Pattern of Unaided Professional Degree College Teachers in Mumbai” leading to Ph.D. degree of University of A.P. (Kuppam) under the supervision of Dr. P.G. Gopalakrishnan, of S.I.W.S. College, Mumbai.

**Prof. Ravindra Deodhar: Department of Environmental Studies**

- Presently doing research on “A Study of Development of Agro-tourism and its Socio-Economic Impact on Raigad District of Maharashtra” leading to Ph.D. degree of University of Mumbai under the supervision of Dr. S.A. Thakur, Department of Geography, S.P.K. College ,Sawantwadi.

**Prof. (CA) Vaibhav Banjan: Department of Accountancy**

- Presently doing research on “ Impact of Venture Capital Financing on Real Estate Companies Registered in Mumbai During 2008-2015”leading to Ph.D. degree of University of Mumbai under the supervision of Dr. Ashok D. Wagh, Principal, B.N.N. College , Bhiwandi.

## **Research Projects Undertaken by Faculty Members:**

The details of the on-going research projects are given below:

<b>Sr. No.</b>	<b>Name of the Guide/ Department</b>	<b>Name of Student/ Teacher</b>	<b>University/ Degree</b>	<b>Project Title</b>	<b>Amount (Rs.)</b>
1	Department of Chemistry	Dr. Satish Bhalekar	University of Mumbai Minor Research Project		25,000
2	Department of Microbiology	Prof. Ajitha Nair	University of Mumbai Minor Research Project	'Studies on Safety and shelf stability of Bacillus probiotics'	40,000
3	Department of Economics	Dr. Sanghamitra Mishra	University of Mumbai Minor Research Project	Inclusive Education: A study on empowerment of differently abled children in selected slums of Bhubaneswar	25,000
4	Department of Accountancy	Prof. Helen Selvaraj	University of Mumbai Minor Research Project	A Study on Job Satisfaction of BPO Employees of Selected Companies in Mumbai	27,000

## **APPENDIX-IV**

### **➤ Industrial Visits Organised:**

#### **DEPARTMENT OF BMS& BBI**

On 10 August 2015, BMS and BBI students visited Textile Industry and Sudhir Polytechnics Company at Silvassa.

In August 2015, BMS and BBI students visited Bombay Stock Exchange.

#### **➤ DEPARTMENTS OF INFORMATION TECHNOLOGY & COMPUTER SCIENCE**

From 05.12.2015-11.12.2015, an Industrial visit to Pikangkshnu Technologies, and Telecom Communications, Chandigarh was organized. The main objective of Industrial visit is to help students gain an insight into workings of various companies in different sectors like IT, Manufacturing and Services, Finance and Marketing, etc.

#### **➤ COMMERCE ASSOCIATION**

From 25.11.2015 -01.12.2015, an Industrial visit to Bikaner, Jaisalmer and Jodhpur was organised for B.Com. Students. 49 students participated.

#### **➤ PLANNING FORUM**

The Planning Forum organized a visit to RBI Monetary Museum on 24.07.2015.

On, 10.08.2015 a one-day Industrial visit was organised to KLASSPACK PVT.LTD at Nashik. Students also got a chance to visit Vipassana Meditation Centre. Paints Ltd, Maganlal Food Products.

#### **➤ DEPARTMENTS OF CHEMISTRY**

Two -day Industrial visit was organised to Silvassa, (Gujarat) – students visited Sun Pharmaceuticals and Alpha Packaging Industry, on 12.01.2016- 13.01.16.

#### **➤ DEPARTMENT OF MICROBIOLOGY**

One –day Industrial visits were organised:

<b>Sr. No</b>	<b>Date</b>	<b>Class</b>	<b>Place of Visit</b>
1	24.09.2015	S.Y.B.Sc.	Common Effluent Treatment Plant Association , Thane - Belapur
2	04.12.2015	T.Y.B.Sc.	NMIMS School of Science, Vile Parle
3	21.12.2015	S.Y.B.Sc.	Gowardhan Factory , Manchar
4	20.02.2016	F.Y.B.Sc.	TDM Laboratory, Sion
5	27.02.2016	T.Y.B.Sc.	Metropolis Health Care Limited, Kurla

## APPENDIX-V

### Activity Calendar: 2014-2015

Date	Event
<b>Banking &amp; Insurance(BBI)&amp; Bachelor of Management Studies(BMS)</b>	
17.07.2015	NKGSB conducted seminar on career in Indian Banking Sector.
21.07.2015	ICA conducted seminar providing guidance on Computer Accounting courses.
23.07.2015	Planet-E conducted seminar on career in Animation field.
24.07.2015	Arena Animation conducted seminar on career opportunities in Animation sector.
29.07.2015	Retail Ability Institute conducted seminar on career opportunities in retail management.
30.07.2015	Fly High conducted seminar on opportunities in Airlines industry.
20.08.2015	IMS conducted seminar to guide students for the MBA entrance exam.
28.08.2015	Intercollegiate Symposium –Acanthus. 88 Colleges participated, 586 students attended.
08.09.2015	Jambori conducted seminar to create awareness about various avenues available abroad.
27.11.2015	MACC conducted seminar to create awareness towards Animation and its importance in Industry.
11.12.2015	ICICI conducted a recruitment drive for Life Insurance.
16.12.2015	GNVS conducted MBA career guidance.
18.12.2015	Kohinoor conducted seminar to create awareness towards Technical courses.
21.01.2016-23.01.2016	<b>'EHLAAN-16'</b> Intercollegiate festival, where more than 100 colleges participated in different events, was conducted. <b>Theme-</b> Empowering Children, Building Nation.
<b>Industrial Visits</b>	
10.08.2015	BMS and BBI students visited Textile Industry and Sudhir Polytechnics Company at Silvassa.
August 2015	BMS and BBI students visited Bombay Stock Exchange.
<b>Career Guidance Cell and Placement Cell</b>	
22.07. 2015	Aasaan jobs conducted an online registration and test for all our students.
04.08.2015	Tata Consultancy Services –BPS conducted placement drive for all T.Y. students (Non IT and CS). More than 100 students attended and 12 students got placed.
06.08.2015	<i>Grow Your Skills</i> conducted seminar for all students as guidance for developing different skills in them. 64 students benefitted.
06.08.2015	ICSI ConsultIFCS.com conducted seminar for B.Com students. 80 students were benefitted with the same.
8.08.2015	A Career Exhibition - <b>Energia</b> successfully saw excellent response from students.

18.11.2015 - 20.11. 2015	<i>Grow Your Skills</i> conducted registration drive for all students for their Training Website.
24.11.2015	Times Centre for Learning Ltd. provided job opportunities to our students.
30.11.2015- 4.12.2015	Tata Consultancy Services conducted 'Campus to Corporate' Training Program for faculties.
04.12.2015	India Parenting Pvt. Ltd. gave job opportunities for all students.
07.12.2015	Creative Learning Aids gave part time job opportunities for all under graduate students.
11.12.2015	ICICI Prulife conducted placement drive for all TY students (non IT and CS). 13 students got placed.
14.12.2015	ITM Group of Institutions conducted pre-placement talk for all T.Y. students.
04.01.2016	I Gate gave Job opportunity to our IT and CS students.
12.01.2016	Intern Up proposed Internship in various fields for all our students.
<b>Computer Science &amp; Information Technology</b>	
<i>Industrial Visits</i>	
05.12.2015-11.12.2015	Industrial Visit to Pikangkshnu Technologies, and Telecom Communications, Chandigarh was organized. The main objective of Industrial visit is to help students gain an insight into workings of various companies in different sectors like IT, Manufacturing and Services, Finance and Marketing, etc.
11.02.2016 – 13.02.2016	" <b>RESONANCE</b> "- was organised with the objective of bringing students of IT and CS of different colleges to interact, share ideas, knowledge and to highlight concepts in new technologies. It introduced new events like AV Gash, Select* from Brain, Animatronics, 8085 Coding, Android App, Circuit Engineering.
<b>Commerce Association</b>	
13.07. 2015	Rajiv Gandhi Entrepreneurship Development Programme was organized in association with ICT (Chennai) for 15 days, to enable students to become entrepreneurs.
30.07.2015	An activity called "Grow your skills" was conducted for the students. The programme was designed to enhance the personality of students.
14.08.2015	"Case Study Competition" saw an extra-ordinary response from the student participants. This competition enhanced the analytical skills of the students.
	The Association conducted a Psychometric Test for the third year students.
<i>Industrial Visits</i>	
25.11.2015 -01.12.2015	An Industrial visit to Bikaner, Jaisalmer and Jodhpur was organised for B.Com. Students. 49 students participated.
30.01.2016	Commerce Association organized a visit to Fazlani Institute of Management exclusively for the students of T.Y.B.Com.
<b>Cultural Association</b>	
08.08.2015	Singing Competition.
15.09.2015	Mimicry Competition.

17.12.2015-19.12.2015	'Orion-15' an Intercollegiate fest was held.
<b>English Literary Association</b>	
25.07.2015	Essay Writing competition. <u>Topics</u> - a) Happiness for me is... b) Disgust, Anger, Frustration- My Best Pals? c) Depression-Causes and Solutions d) Career by 'chance' or by 'choice' e) Power of Meditation
04.08.2015	Short Story Writing Competition-students were given the beginning line and were expected to weave a story from there on.
01.09. 2015	Poetry Writing <u>Themes-</u> a) Wish b)Self Confidence c) My Space d)Insanity
24.11. 2015	Love Letter Writing Competition
<b>Fine Arts Circle</b>	
30.07.2015	Poster Making Competition
09.08.2015	Paper Art Competition
08.01.2016	Greeting Card Making Competition
February 2016	Hand Writing Competition
<b>Gujarati Sahitya Mandal</b>	
14.08.2015	One day picnic-cum-hike to Tungareshwar Waterfalls was organised, which was well attended by 42 students.
January 2016	"GarbaNite 2016"
<b>Gymkhana</b>	
<b>Intercollegiate</b>	
18.08.2015	Intercollegiate Table -Tennis tournament was held at University Sports Pavilion. 5 Members of College Table-Tennis team showed their best performance.
20.08.2015 – 22.08. 2015	Intercollegiate Chess tournament was held at Vaze College, Mulund. 5Members of college chess team showed their best performance.
23.08.2015-26.08.2015	Intercollegiate Badminton tournament (Boys and Girls) was held at University Sports Pavilion Badminton court. 10 Members of College Badminton team represented and showed their best performance.
02.09.2015	Intercollegiate Football tournament was held at K.J. Somaiya Medical College Football ground. 19 Members of College Football team represented and showed their best performance.
28.09.2015	Intercollegiate Basket Ball tournament (Girls) was held at D.G. Ruparel College Basket Ball court. They reached up to quarter - final stage.
28.09.2015-29.09.2015	Intercollegiate Kabaddi tournament (Boys) was held at Rajiv Gandhi College, Vashi. They reached up to quarter - final stage.

28.09.2015-29.09.2015	Intercollegiate Volley Ball tournament (Boys) was held at Narayan Guru College, Vashi.11 Members of College team represented and reached up to the 3 <sup>rd</sup> round.
13.11.2015-14.11.2015	Intercollegiate Athletic competition was held at University Sports Pavilion, Marine Lines. 7 Members (Boys & Girls) represented the college.
17.11.2015	Intercollegiate Cricket tournament was held at Young Zoroastrian Cricket Club Ground.20 Members of College team represented and performed well.
24.12.2015	College Annual Athletic was held at University Sports Pavilion, Marine Lines.200 Students (Boys & Girls) participated in Track & Field events. Championship Trophies (Boys & Girls) were awarded.
<b>Hiking &amp; Nature Club</b>	
31.07.2015	A one-day hike was arranged at Bhivapuri near Karjat. Nearly 60 students participated.
February 2016	A nature trail was organized to Matheran near Neral.
<b>Hindi Sahitya Mandal</b>	
05.08.2015	The Essay Writing Competition. <u>Topics</u> - a) Ganpati Festival b) World Cup Cricket c) Indian Politics.
<b>Marathi Vangmay Mandal</b>	
I Term	Essay Writing & Short Story Writing Competition.
II Term	Poetry Writing & Reading Competition
	<b>Marathi Bhasha Divas</b> was celebrated with enthusiasm, involving students & teachers.
<b>NCC</b>	
	Enrolment of the students with the Army unit of G.N. Khalsa College, Matunga. Organised regular parades every Sunday morning. Cadets attend the Annual Training Camp.
27.05. 2015 –05.06.2015 06.07. 2015 -15.07. 2015 19.10. 2015- 28.10.2015	Girl Cadets attended the Combined Annual Training Camp.
21.06.2015	Cadets also participated in the International Yoga day and Martial Arts Training organized by the Maharashtra Battalion NCC, Mumbai.
01.09. 2015 – 10.09.2015	Basic Rifle Shooting Training.
25.05.2015-03.06.2015 03.07.2015-12.07.2015 19.10.2015-28.10.2015	Combined Annual Training Camp at Vasai. Combined Annual Training Camp at Shahpur. Combined Annual Training Camp at Goregaon.
<b>NSS</b>	
11.07.15	10 NSS Volunteers participated in the seminar on ‘Stress Management’ organized by L.S. Raheja College

16.07.15&20.07.15	Orientation and sensitizing lectures were respectively arranged for the newly joined NSS Volunteers.
17.07.15	Zero Waste Campus Project was implemented. Around 30 NSS volunteers are associated with this project on daily basis to keep the cycle running.
22.07.15	Various team building games were organized on 22nd July, 2015 to prepare them to work as a team and not as individuals for all future endeavours.
29.07.15& 11.12. 15	With the support from KEM Hospital and HDFC bank, blood donation drives were organized twice. <b>282 Blood bottles</b> were collected.
31.07.15	A seminar on 'Sexual Harassment' was organized in collaboration with PCGT.
31.07.15	A seminar on 'Internet Hacking' was organized in collaboration with PCGT, where guidelines for safe browsing were addressed.
01.08.2015	Clean and Green Project involved cleaning college premises on every Tuesday and Saturday.
06.08.15	A Peace March Rally was organized 2015 by the University of Mumbai from Azad Maidan to Gateway of India in which 46 NSS Volunteers participated.
07.08.15	BRM orientation lecture was organized, in which 15 NSS volunteers participated.
	Independence Day was celebrated. A street play on 'Gender Discrimination' was performed besides distributing sweets amongst slum children near Wadala bridge.
25.08.15	25 trees saplings were planted in the college campus which are taken care of on a regular basis.
01.09.2015	A seminar throwing light upon Mahatma Gandhi's journey for country's independence and his philosophy of non-violence was organized.
15.09.15	The Times Green Ganesha event was organized in which around 47 NSS Volunteers from various colleges participated. Volunteers were taught to make eco-friendly Ganesha idols.
28.09.15	33 of our NSS volunteers actively took part in crowd controlling at Dadar TT station. Beach cleaning at Girgaon chowpatty was conducted after Ganpati visarjan in which 65 of our volunteers took part.
	A rally on De-addiction was organized by University of Mumbai from Azad Maidan to Gateway of India in which 15 NSS volunteers from our college participated
02.10.15	36 NSS volunteers participated in the Bhajan Sandhya organized by University of Mumbai at Gateway of India.
30.10.2015-05.11.15	A 7-day rural camp was organized at Shantivan, Panvel, at which 80 Volunteers participated. A typical day in the camp began with the aerobics and jogging which was followed by Shramadan. Workshops on Acting Skills, Right to Information (RTI), Health Care, Star Gazing, etc. were scheduled post lunch. The day used to end with cultural programmes followed by dinner.
18.11.15-19.11.15	Our 15 NSS volunteers also helped in the blood donation camp held



	at CST organized by St. George's Hospital.
23.11.15	Five volunteers participated in the Meatless Day organized by KC College.
30.11.15	A rally on Aids awareness was organized.
06.12.15	A street play on Nasha Bandhi was performed at CST.
05.01.16	Our NSS volunteers also participated in the Art programme performed by the Palestine youth delegates.
16.01.16	A trip to Nature Park at Mahim was organized. A session on animal bonding as also arranged for the volunteers.
<b>Planning Forum</b>	
<b>Industrial Visits</b>	
24.07.2015	The Planning Forum organized a visit to RBI Monetary Museum.
10.08.2015	A one-day industrial visit was organised to KLASSPACK PVT.LTD at Nashik. Students also got a chance to visit Vipassana Meditation Centre.
10.09.2015	The Planning Forum organized an Elocution Competition. Participants spoke for five minutes on the following topics: a) Agrarian Crisis-Farmers' Suicides b) Disaster Management c) Emerging challenges of Globalization d) Menace of Black Money e) Rising Unemployment and Policy Reforms
28.11.2015	The Planning Forum organized A.D. Shroff Memorial Elocution Competition. A.D. Shroff memorial elocution competition is a very important activity of the Forum sponsored by the Forum of Free Enterprise since 2005-2006. The main objective of the Forum of Free Enterprise is to update students on new economic changes and invite their contributions on policy decisions.
<b>Science Association</b>	
13.08.2015	Educational visit to Nehru Science Centre.
31.08.2015	A one-day workshop on "Wired Remote Control Robotics" in association with the YUPS Tech Solution Pvt. Ltd. was conducted.
09.12.2015-10.12.2015	The Association also organised Science Fest -2015 , as a part of which two eminent scientists, Dr. Ajit Kumar from UICT and Dr.Sunita Nair from Capita India Pvt. Ltd were invited. They delivered their talks on "How Google works" and "Opportunities in Science – The Industry Perspective" respectively.
09.12.2015	A poster making competition was organised. <u>Topics:</u> a) Applications of Nanotechnology b) Applications of Geometry and Calculus c) Microbiology in Day to Day Life d) Chromatography.
10.12.2015	Seminar competition was also organised as part of the Science fest. Students made power point presentations and showcased their

	<p>oratory skills in a very efficient manner on various allotted topics like:</p> <p>a) Multi Drug Resistance in Bacteria  b) Green Chemistry  c) Mathematics and its Applications in Computer Science  d) Data Communication and Networking  e) Quantum Dots and Quantum Computing.</p>
<b>Southern Cultural Association</b>	
11.09.2015-12.09.2015	The inaugural event of the Southern Cultural Association was with the auspicious "Onam Celebration". Competitions like Cooking Without Fire, Pookalam (Rangoli with flowers) and Dance were conducted.
14.12.2015	Literary activities like "Short Story Writing" and "Thirukural Recitation" were held.
20.01.2016	For "Pongal Celebrations", competitions like Hair braiding, Maa – kolam (Rangoli with rice flour), Pongal making and Dance competition were arranged.
<b>Students' Council</b>	
31.07.2015	Guru Pournima.
03.08.2015	Friendship Day.
15.08.2015	Independence Day.
05.09.2015	Teacher's Day.
15.10.2015	A programme was arranged to celebrate the Birth Anniversary of Dr. A.P.J. Abdul Kalam and to pay tribute for his work and contribution to the nation.
18.11.2015-24.11.2015	Crayons Week.
26.11.2015	Observed a Black or White Day to pay homage to the people who lost their lives in the terrorist attack on Mumbai.
08.12.2015	Saree & Tie Day.
12.12.2015	DJ Eve.
18.01.2016	Traditional Day.
04.02.2016	Rose Day.
February 2016	The Council helped in organizing 'Fresh Face of the College' event by Times of India, 'Best Buddies Hunt' by Zoom TV, and 'Street Play' audition by Hindustan Times.
<b>WDC</b>	
13.08.2015	Talk on 'Health and hygiene for women' in collaboration with zivame.com
10.12.2015	Screening of short film, 'Soch Sahi, Mard Wahi' followed by a discussion on the film.
11.12.2015	Elocution competition on the topic, 'Violence behind closed doors'
12.12.2015	Slogan writing competition on issues related to women.
January 2016	Talk on stress management for students.

**S.I.W.S. College Wadala(E)**

**N.S.S. Unit 2015-2016**

**Camp Address- Shantivan, Panvel (Nere)**

<b>Date</b>	<b>Events</b>
30/10/15	<u>Morning</u> - Arrival at Camp site. <u>Afternoon</u> - Ice breaking Session, Group Dividing. <u>Evening</u> - Evening Prayer, Report Writing.
31/10/15	<u>Morning</u> - Exercise (Jogging, Yoga), Shramadan (Dam Making). <u>Afternoon</u> - Acting Session by Mr. Satywan Tawre. <u>Evening</u> - Evening Prayer, Street Play Practice, Report Writing.
1/11/15	<u>Morning</u> - Exercise (Jogging, Yoga), Shramadan (Dam Making). <u>Afternoon</u> - Street Play Practice. <u>Evening</u> - Evening Prayer, Report Writing.
2/11/15	<u>Morning</u> - Exercise (Jogging, Yoga), Shramadan (Dam Making). <u>Afternoon</u> - Session on Right to Information(RTI) by Mr. Mithun Sir <u>Evening</u> - Evening Prayer, Report Writing.
3/11/15	<u>Morning</u> - Exercise(Jogging, Yoga), Shramadan (Dam Making). <u>Afternoon</u> - Session on Health care by Dr. Manisha Pramod & Snake show Session. <u>Evening</u> - Evening Prayer, Poster Making Competition, Report Writing.
4/11/15	<u>Morning</u> - Exercise (Jogging, Yoga), Shramadan (Dam Making). <u>Afternoon</u> - Team Building game, Street Play Competition. <u>Evening</u> - Star Gazing Session, Evening Prayer, Report Writing.
5/11/15	<u>Morning</u> - Exercise (Jogging, Yoga), Feedback Session. <u>Afternoon</u> - Prize Distribution & Thanks Giving Ceremony.
<b>No. Of Participants:</b> Male-43, Female-33.	

## APPENDIX VI

### 1. Laboratory Instruments Added During the Year:

#### Physics Laboratory

Sr. No.	Description of the Instruments/Equipments	Units
1	E/MBY Thomas Method(Besto Make)	01
2	Sodium Vapour Lamp Transformer	02
3	Mercury Vapour Lamp Transformer	02
4	Quartz prism	02

#### Computer Science and Information Technology Laboratory

Sr. No.	Description of the Materials	Units
1	i5 3 <sup>rd</sup> Generation (Desktop)	25

#### Microbiology Laboratory

Sr. No.	Description of the Instruments / Equipments	Units
1	Diaphragm Vacuum Pump	01

#### Chemistry Laboratory

Sr. No.	Description of the Instruments / Equipments	Units
1	Portable pH meter Hand held Pocket Model	03
2	Portable conductivity Hand held Pocket Model	03

## 2. Gymkhana Stock Added During the Year:

No.	Name of the game	Sports Equipment	Total no. of Items Purchased
1	FOOTBALL	a) Jersey and Shorts b) Football Stockings c) Football	16 Nos 16 Nos 08 Nos
2	BADMINTON	a) Team Allowances	07 Nos
3	TABLE TENNIS	a) Team Allowances	05 Nos
4	CHESS	a) Team Allowances	05 Nos
5	ATHLETICS	a) Participants' Chest Nos b) First Aid Items c) Best Athlete Award 15-16 (Cash Prize)	100 Nos Assorted 01 No
6	BASKET BALL	a) Movable Shooting Trolley with Acrylic board b) Team Allowances	01 Pair 12 Nos
7	VOLLEY BALL	a) Jersey and Shorts b) Volley ball Nets c) Volley ball	12Nos 02 Nos 10 Nos
8	CRICKET	a) Cricket caps b) Cricket ball c) Team allowances	32 Nos 06 Nos. 16 Nos
10	TROPHIES AND SPECIAL PRIZES	a) Medals gold b) Medals silver c) Medals bronze d) Championship trophy	60 Nos 60 Nos 40 Nos 04 Nos