

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. (Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)

Part – A

AQAR for the year (for example 2013-14)

2014-2015

I. Details of the Institution

1.1 Name of the Institution

Vivekanand Education Society's College of Arts,
Science and Commerce

1.2 Address Line 1

Sindhi Society,

Address Line 2

Chembur,

City/Town

Mumbai-400 071

State

Maharashtra

Pin Code

400 071

Institution e-mail address

principal@vesasc.org

Contact Nos.

+91 (22)25227470, +91 (22)25284132

Name of the Head of the Institution:

Dr. (Mrs.) Javashree K. Phadnis

Tel. No. with STD Code:

+91 (22)25227470, +91 (22)25284132

Mobile:

09323906118

Name of the IQAC Co-ordinator:

Dr. (Mrs.) Mary Stephen

Mobile:

09323698629

IQAC e-mail address:

iqac_vesasc@ves.ac.in

1.3 NAAC Track ID (For ex. MHCOGN 18879)

OR

EC/PCRAR/58/080 dated
10/03/2012-VES College of Arts,
Science and Commerce,
Mumbai-Maharashtra.docx

1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

EC/PCRAR/58/080 dated
10/03/2012

1.5 Website address:

www.vesasc.org

Web-link of the AQAR:

<http://www.vesasc.org/AQAR2014-15.pdf>

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

1.6 Accreditation Details

| Sl. No. | Cycle | Grade | CGPA | Year of Accreditation | Validity Period |
|---------|-----------------------|------------|-------------|-----------------------|-----------------|
| 1 | 1 st Cycle | B++ | - | 2003 | 5 years |
| 2 | 2 nd Cycle | A | 3.12 | 2012 | 5 years |
| 3 | 3 rd Cycle | - | - | - | - |
| 4 | 4 th Cycle | - | - | - | - |

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

09/07/2004

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

- i. AQAR **2011-12 was submitted online in Oct 2012.**
- ii. AQAR **2012-13 Submitted Online to NAAC on 07/12/2013**
- iii. AQAR **2013-14 Submitted Online to NAAC on (21/11/2014)**
- iv. AQAR **2014-15 Submitted Online to NAAC on (12/12/2015)**

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
University with Potential for Excellence UGC-CPE
DST Star Scheme UGC-CE
UGC-Special Assistance Programme
DST-FIST
UGC-Innovative PG programmes Any other (Specify)
UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers
2.2 No. of Administrative/Technical staff
2.3 No. of students
2.4 No. of Management representatives
2.5 No. of Alumni
2.6 No. of any other stakeholder and community representatives
2.7 No. of Employers/ Industrialists
2.8 No. of other External Experts
2.9 Total No. of members
2.10 No. of IQAC meetings held

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

Non-Teaching Staff Students Alumni Others*

* Meetings with HOD's: **07**, Department review committee: **09**, Various Committee meetings:**31**

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

- **Seminar on “A learning organization rising to greater heights” by principal JK Phadnis on 14th March 2015**
- **A briefing session on department recognitions and its Marking scheme by Dr. Mary Stephen and Dr. Anita Kanwar on 14th March 2015.**
- **An Induction program for the newly recruited teachers on 16th March 2015 (18 teachers attended)**
- **Principal Dr. J.K. Phadnis explained how one could grow and develop into a responsible teacher on**
- **Prof. Santhini Nair briefed them on a teacher’s role in institution building**
- **Dr. Anita Kanwar elaborated on how they could grow with the institution.**
- **Dr. Mary Stephen introduced the group to the functioning at V.E.S. ,**
- **Mrs. Meghana Sanjeeva (librarian) informed about library facilities and online resources available for professional enhancement.**

2.14 Significant Activities and contributions made by IQAC

- **Workshop on “Application of Google Apps in Education” by Mr. Yogesh Modak from Google at VESIT 7th and 8th July.**
- **The IQAC conducted Internal Academic Audit of all the departments on 23rd September 2014. A panel was formed to audit the departments.**
- **The External Academic Audit (2010-2014) was conducted by the University of Mumabi in the college on 12thDecember 2014. A three member team comprising of Principal A.P. Pradhan (Former Vice Chancellor YCMO University), Dr. K.V. Kale (Director, BCUD, B.A.M University) and Dr P. M. Sule (Former Principal, Ruparel College) were the members of audit team. We received encouraging reports from the audit team.**

- **Degree Certificate Distribution Ceremony: The Convocation Ceremony for the first time was held in college on 24th January 2015. The O and A grade students were awarded the degree at the hands of the Honrable Guest Mr. Vijay Habbu, Vice President at Reliance Industries Limited. Other students were also given their degrees thereafter.**
- **The IQAC organized a one day induction program for the newly recruited teachers on 16th March 2015. 18 teachers participated in the program and were initiated into the profession with guidance from senior teachers.**
- **21 teachers attended Workshop on “Application of Google Apps in Education” conducted by Prof. Kalpesh Bagal & Prof. Shah on 11th April, 2015**
- **The IQAC in association with VESLARC organized the following programs for our staff and students:**
 - ✓ **6 teachers attended an induction program on 20th June 2014**
 - ✓ **20 Non teaching staff attended a training program on ‘Healthy Attitudes and Joy’ on 3rd March 2015**
 - ✓ **144 students attended a goal planning workshop in March 2015.**
- **A Framework for Internal Audit was developed by IQAC to recognize the departments for their contribution in various areas.**
- **The IQAC decided to recognize the departments for their contribution towards Thrust Areas, Good Governance, Extension Activities and Research Output. After rounds of scrutiny of documents and presentations by the departments, the following departments were awarded on 30th April 2015 for their contributions and performances in the following areas**
 - ✓ **Thrust Areas – Department of Physics**
 - ✓ **Good governance – Department of Microbiology**
 - ✓ **Extension activities – Department of Mass Media**
 - ✓ **Highest Research output - Department of Chemistry**
- **Institutional level seminars listed above were conducted under Staff development Program.**

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 |
|---|---|
| To enhance use of ICT in teaching learning processes | <ul style="list-style-type: none"> ■ Workshop on “Application of Google Apps in Education” by Mr. Yogesh Modak from Google at VESIT on 7th and 8th July. ■ Workshop on “Application of Google Apps in Education” conducted by Prof. Kalpesh Bagal & Prof. Shah on 11th April, 2015. |
| Internal Academic Audit for the year 2013-14, was initiated by the IQAC members | The IQAC conducted Internal academic audit of all the departments on 23rd September 2014. A panel was formed to audit the departments. |
| To conduct external academic audit | <p>University of Mumbai announced an external academic audit for colleges in September 2014. Our college was one of the first colleges to apply and get audited.</p> <p>The External Academic Audit (2010-2014) was conducted by the University of Mumabi in the college on 12thDecember 2014. A three member team comprising of Principal A.P. Pradhan (Former Vice Chancellor YCMO University), Dr. K.V. Kale (Director, BCUD, B.A.M University) and Dr P. M. Sule (Former Principal, Ruparel College) were the members of audit team. We received encouraging reports from the audit team.</p> |
| Staff development programs | <ul style="list-style-type: none"> ■ The IQAC in association with VESLARC organized the following programs for our staff and students: ✓ 6 teachers attended an induction program on 20th June 2014 ✓ 20 Non teaching staff attended a training program on ‘Healthy Attitudes and Joy’ on 3rd March 2015 |
| To motivate students | 144 students (BA, B.Com. and B.Sc) attended a goal planning workshop in the month of March 2015 . |
| To conduct an Induction program for the newly recruited teachers. | On 16 th March 2015 an induction program was organized. 18 teachers participated in the program and were initiated into the profession with guidance from the Principal and some senior members of the staff. |
| To enhance departments contribution towards addressing various thrust areas. | <p>The IQAC decided to recognize the departments for their contribution towards Defined Thrust Areas, Good Governance, Extension Activities and Research Output. After rounds of scrutiny of documents and presentations by the departments, the following departments were awarded on 30th April 2015 for their contributions and performances.</p> <p>Thrust Areas – Department of Physics Good governance – Department of Microbiology</p> |

| | |
|--|--|
| | Extension activities – Department of Mass Media Highest Research output - Department of Chemistry. |
| To Appreciate and improve work culture amongst staff members | Teaching and non teaching staff were appreciated for taking less number of leave in the academic year and their extra, noteworthy efforts in college functioning. Number of Members awarded: 07 |
| To felicitate and appreciate the service of the staff members | <ul style="list-style-type: none"> ● The staff members those who completed 25 years of service were felicitated by the college and management on 30th April 2015. ● The staff taken superannuation were also felicitated. |

** Attach the Academic Calendar of the year as Annexure.*

Academic calendar is attached in Annexure- 1

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

Management took note of

- **work done by the college on all fronts.**
- **Action plan prepared for the 3rd accreditation cycle by NAAC.**

Part – B

Criterion – I

I. 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 | - | 01 | - |
| PG | 06 | 03 | 09 | - |
| UG | 15 | 02 | 09 | 04 |
| PG Diploma | - | - | - | - |
| Advanced Diploma | - | - | - | - |
| Diploma | - | - | - | - |
| Certificate | - | - | - | - |
| Others | | - | - | 12 |
| Total | 22 | 05 | 19 | 16 |
| Interdisciplinary | - | - | - | - |
| Innovative | - | - | - | - |

- 1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options
 (ii) Pattern of programmes:

| Pattern | Number of programmes |
|-----------|----------------------|
| Semester | Two |
| 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*

Feedback Analysis is attached in Annexure-II

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

- **Many subject syllabi changed to accommodate 75/25 (External and Internal) exam pattern instead of 60/40.**

- **The revision of the syllabi was done by specifying learning objectives and outcomes in each paper as per University rules.**
- **For detailed information Refer to Annexure- III**

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

UG Courses: BSc (Mathematics), B.Com(Accounting and Finance)
PG Courses: MCom (Management), MA (PR) and MA (Psychology)

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

| | Asst. Professors | Associate Professors | Others | Total |
|----------------|-------------------------|-----------------------------|----------------------------------|--------------|
| Aided | 27 | 21 | 1(Principal)+1(Librarian) | 50 |
| Unaided | 18 | - | - | 18 |
| Total | 45 | 21 | 2 | 68 |

2.2 No. of permanent faculty with Ph.D. :

15

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

| | Asst. Professors | | Associate Professors | | Professors | | Others | | Total | |
|----------------|-------------------------|----------|-----------------------------|----------|-------------------|----------|---------------|----------|--------------|-----------|
| | R | V | R | V | R | V | R | V | R | V |
| Aided | 6 | 8 | 0 | 0 | 0 | 2 | 0 | 0 | 6 | 10 |
| Unaided | - | - | - | - | - | - | - | - | - | - |

2.4 No. of Guest and Visiting faculty and Temporary faculty

5 Guest

92 Visiting

6 Temporary

2.5 Faculty participation in conferences and symposia:

| No. of Faculty | International level | National level | State level |
|-------------------------|----------------------------|-----------------------|--------------------|
| Attended | 20 | 14 | 08 |
| Presented papers | 14 | 13 | 13 |
| Resource Persons | - | 01 | 03 |

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

| S.N. | Innovative Teaching-Learning Systems/Methods | User Departments (Indicative List) |
|-------------|--|---|
| 1. | Remedial courses | Physics, Chemistry, Psychology, economics, Accountancy and Microbiology |
| 2. | Weekly class test and Practical Test | Physics |
| 3. | Audio-visual aids like charts, OHP, LCD | All as per need |
| 4. | Interactive Methods like class discussions/presentations, asking questions, conducting class quiz, sharing experiences | All as per need |
| 5. | Project Based Learning | Microbiology and Unaided sections |
| 6. | Live Projects (with active industry support/live execution) | BMS |
| 7. | Computer Assisted Learning (ICT, Class-net, Use of Prezi and other software, use of internet by showing video clips of experiments, You-tube videos etc) | All, but more in Maths, Physics, IT & Computer Science, Chemistry and Psychology. |
| 8. | Experiential Learning/ Learning by Doing (Props to teach HFC etc) | Mainly Science departments and partly others |
| 9. | Case study, Seminars and awareness program | All as per need |
| 10. | Co-operative learning and Peer learning through innovative ways like “Group presentations” and “Conceptual Cricket” | Especially in B&I, Psychology, Maths, EVS, Physics, Economics |
| 11. | Interview Method | Computer Science, Commerce, Economics |
| 12. | Group Discussions and Group presentations | Foundation Course, Computer Science & IT, Sociology, EVS, Chemistry, Microbiology |
| 13. | Special problem solving sessions/tutorials, Solved papers with marking scheme | All as per need |
| 14. | Role plays, Skits, Street plays and enactments | Psychology, Sociology, Foundation Course, Economics, Commerce, Microbiology, EVS |
| 15. | Making/Screening of Films | Psychology, Physics, BMM, Foundation Course, EVS, Economics |
| 16. | News Paper Reading, Book reading | Foundation Course, Sociology, Microbiology & Biotechnology |
| 17. | Poster/Chart Making and its display (Flow charts, Cartoons, Diagrams, Maps, illustrations etc) | Economics, Sociology, Foundation Course, EVS |
| 18. | Study Tours/Industrial visits | EVS, Commerce, Sociology, BMM, BMS, B&I, Psychology, Sociology, Microbiology, |

| | | |
|-----|---|--|
| | | Physics, Chemistry |
| 19. | Class Elocutions/Debates | Commerce, Chemistry, Economics |
| 20. | Student Teaching Assistant | Economics |
| 21. | Problem Solving Sessions/ Circulating Problem Sets/ Solved papers with marking scheme | All as per need |
| 22. | Circulating Lecture Outlines/ Notes/ Synoptic and Model Answers | All departments in varying degrees |
| 23. | Mind Map Technique | Maths, Economics |
| 24. | Mock-Viva | Unaided Departments (for TY Projects) |
| 25. | Moot-court and Cricket method | Some departments |
| 26. | Document collecting exercise | Commerce and accountancy |
| 27. | Subject based clubs, associations etc. | All |
| 28. | Sharing notes and information on emails and other ICT | Microbiology, Maths, CS, Accountancy, IT, chemistry etc. |
| 29. | Prepared text book | English |
| 30. | Book review and live entrepreneurship projects | BMS |

2.7 Total No. of actual teaching days during this academic year

| |
|-------------------------------|
| 182 inclusive of Exams |
|-------------------------------|

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

❖ **Highlights of new evaluation pattern with effect from academic year 2014-15:**

- **Internal Assessment:** 25 Marks [Test (20) + Active Participation /overall Conduct (05).]
 - **Semester-End Exam:** 75 Marks.
- ❖ **These are introduced as per changing University norms. Currently, multiple choice questions along with long answers are in vogue. Open book tests are conducted in some departments.**
- ❖ **The students are allowed to apply for verification of marks (by giving photocopy of the corrected answer sheet or re-evaluation as per University prescribed norms.**
- ❖ **Stitched answer books are provided to reduce unfair means cases.**
- ❖ **Paper setter has to be present during the conduct of examination.**
- ❖ **Question Papers are scrutinized by the senior teachers of the department to check: the level of difficulty, inclusion of all topics and repetition of questions.**
- ❖ **Centralized assessment system is followed.**
- ❖ **Daily assessment report is maintained by the staff members.**

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

Number of members

| | | |
|--|---|--|
| Curriculum restructuring /revision/syllabus development | Member of Board of Study/Faculty | Curriculum Development workshop |
| 15 | 03 | 18 |

2.10 Average percentage of attendance of students

| |
|---------------------|
| Satisfactory |
|---------------------|

2.11 Course/Programme wise distribution of pass percentage :

| PROGRAM | O' GRADE | A' GRADE | B' GRADE | C' GRADE | D' GRADE | E' GRADE | FAI L | TOT AL | COLLE GE % |
|----------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|---------------|-------------------|
| TYBA | 1 | 12 | 8 | 12 | 8 | 1 | 36 | 78 | 53.85% |
| TYBCOM | 9 | 82 | 74 | 34 | 9 | 0 | 82 | 290 | 71.72% |
| TYBSC | 18 | 75 | 26 | 3 | 1 | 0 | 48 | 171 | 71.93% |
| TYBMM (Advt.) | - | 1 | 17 | 16 | 4 | 4 | 02 | 44 | 90.48% |
| TYBMM (Journ.) | - | 4 | 3 | 2 | - | - | 01 | 10 | 90% |
| TYBSc (IT) | 1 | 37 | 14 | 1 | - | - | 06 | 59 | 89.83% |
| TYBMS | - | 20 | 17 | 7 | - | - | 14 | 60 | 75.86% |
| TY (B&I) | - | 26 | 12 | 11 | 1 | - | 8 | 58 | 86.21% |
| TY (FM) | 1 | 18 | 18 | 13 | - | - | 1 | 53 | 98.04% |
| M.Com | 1 | 14 | 19 | 4 | - | - | 6 | 45 | 86.36% |
| M.Sc. (Micro) | 2 | 4 | 1 | - | - | - | 3 | 10 | 70% |
| M.Sc. (Analytical Chem.) | 1 | 2 | 1 | - | - | - | 6 | 10 | 40% |
| M.Sc. (Organic Chemistry) | - | 1 | 3 | - | 1 | 5 | | 11 | 50% |

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

- A series of **meetings** were held through out the year to make the teaching learning process more effective.
- Departments given the result analysis report.
- They conducted the remedial lectures.
- HOD's have taken account of lectures lost and compensated by the staff.
- Maintaining track of lectures taken monthly.
- Submission of Diary and Portion completion cards by teachers.
- Follow up on attendance defaulters by the class coordinator.
- Induction lectures for new staff members were organized by IQAC.
- Students are given diverse learning opportunities where presentations, assignments, quiz, debate are conducted for assigning the internal 05 marks.

2.13 Initiatives undertaken towards faculty development **131**

| Faculty / Staff Development Programmes | Number of faculty benefitted |
|--|-------------------------------------|
| Refresher courses | 06 |
| UGC – Faculty Improvement Programme | 01 |
| HRD programmes | nil |
| Orientation programmes | 02 |
| Faculty exchange programme | nil |
| Staff training conducted by the university | 03 |
| Staff training conducted by other institutions | 14 |
| Summer / Winter schools, Workshops, etc. | 80 |
| Others (Staff Development program) | 05 |

2.14 Details of Administrative and Technical staff

| Category | Number of Permanent Employees | Number of Vacant Positions | Number of permanent positions filled during the Year | Number of positions filled temporarily |
|----------------------|-------------------------------|----------------------------|--|--|
| Administrative Staff | 29 | 5 | 1 | 0 |
| Technical Staff | 41 | 8 | 6 | 3 |

Criterion – III

3. Research, Consultancy and Extension

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

- **Research circle as part of IQAC initiated following programs**
- **Encouragement given to the student to participate in University Research Convention “Avishkar”**
- **Constituted an award for recognizing the department having “Maximum Research Output”**
- **Teachers were encouraged and guided to write research proposals for the minor/major research projects to various agencies.**
- **Research committee scrutinized the projects submitted by the teachers before submitting it to the agencies**
- **Departments were encouraged to organize National and International level conferences where research papers were invited and presented.**
- **Departments were given support and guidance to publish the proceedings of the conferences with ISBN number.**

3.2 Details regarding major projects

| | Completed | Ongoing | Sanctioned | Submitted |
|---------------------|-----------|----------------------|------------|-----------|
| Number | | 01 | | |
| Outlay in Rs. Lakhs | | Rs.11,45800/- | | |

3.3 Details regarding minor projects

| | Completed | Ongoing | Sanctioned | Submitted/Applied |
|---------------------|--------------------|-----------------------|----------------------|-------------------|
| Number | 04 | 02 | 06 | 01 |
| Outlay in Rs. Lakhs | Rs.85,000/- | Rs. 3,90,000/- | Rs.4,75,000/- | - |

Detailed information in the Appendix -IV

3.4 Details on research publications

| | International | National | Others |
|--------------------------|---------------|-----------|-----------|
| Peer Review Journals | 10 | 05 | 03 |
| Non-Peer Review Journals | - | 03 | - |
| e-Journals | 01 | 03 | - |
| Conference proceedings | 07 | 10 | 08 |

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 | 03, 2012-15 | UGC | Rs. 11,42,800/- | Rs. 7,43,800/- |
| Minor Projects | 02, 2014-16 | UGC | Rs.3,90,000/- | Rs. 2,97,500/- |
| Interdisciplinary Projects | | | | |
| Industry sponsored | | | | |
| Projects sponsored by the University/ College | 01, 2014-15 | Mumbai University | Rs. 85,000/- | Rs. 68,000/- |
| 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 (NONE)

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

| Level | International | National | State | University | College |
|---------------------|----------------------------------|--|------------|------------|--|
| Number | 01 | 01 | 01 | | 07 |
| Sponsoring agencies | Banks, Dealers, Suppliers | Videocon, Suryodya, State bank of Mysor | UGC | | M3, IWSA Library, Web design, VB-net, Ambition Learning Solution, BOS Microbiology, Economics |

3.11 No. of conferences organized by the Institution

3.12 No. of faculty served as experts, chairpersons or resource persons: **12**

3.13 No. of collaborations International National
 Any other

3.14 No. of linkages created during this year = **17**

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 | 04 |
| | Granted | 01 |
| International | Applied | - |
| | Granted | - |
| Commercialized | Applied | - |
| | Granted | 01 |

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

| Total | International | National | State | University | Dist | College |
|-------|---------------|----------|-------|------------|------|---------|
| - | - | - | - | - | - | - |

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

05
07

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

01

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

JRF - SRF - Project Fellows 01 Any other -

3.21 No. of students Participated in NSS events:

University level 200 State level - National level - International level -

3.22 No. of students participated in NCC events:

University level - State level - National level - International level -

3.23 No. of Awards won in NSS:

University level - State level - National level - International level -

3.24 No. of Awards won in NCC:

University level - State level - National level - International level -

3.25 No. of Extension activities organized

University forum 01 College forum 37
NCC NSS 15 Any other 02

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

| S.No | Date | Activity | Detail |
|------|----------------|---|---|
| 1. | 30th June 2014 | Visit to Rochiram Thadani School of Hearing-impaired at Chembur | The sale proceedings of That's IT version 7.0, Rs.6000, were donated to RochiramThadani School of Hearing-impaired, Chembur. The entire class of TYIT and the faculties of the Department visited the campus and interacted with the trustee-in-charge, Principal and students of that school. All felt very satisfied and humbled. |
| 2. | 2nd Aug 2014 | Introduction of CUBE to the psychology students | S.Y.B.T students introduced the different model organisms and the research problem they are working on to students of F.Y. and S.Y.(Psychology). |
| 3. | 13th Aug 2014 | "Organ donation day" | Awareness was created about Organ donation on the "Organ donation day" through public forum speaking & video screening. |

| | | | |
|-----|---|---|---|
| 4. | 19th Aug 2014 | 47th Youth festival of Mumbai University | Many staff members were involved in the conduct and organization of the 47th Youth festival of Mumbai University. A number of fine arts and literary events were organized on this day. |
| 5. | 26 th and 27 th August 2014 | Entrepreneurship Workshop | This was an effort to blend the gap between theory and practice and improve employability skills among students. The two day event hosted a talk by Chief Guest Mrs. Meenal Mohadikar, President, Maharashtra Economic and Development Council. She shared her rich entrepreneurial experiences and guided the students on how to go about start-ups and new business endeavors. She inaugurated an exhibition-cum-sale of in-house products and services by our very own budding entrepreneurs. This maiden effort encouraged and guided by the Economics Department grossed an impressive amount of almost Rs 7000. |
| 6. | Aug 2014 | Skin Donation Awareness | Skin Donation Awareness was organized for T.Y.B.A. Eco and Eco +Com and Psychology for students in Aug2014(Morning Session was attended by non LLE students of Psychology also) |
| 7. | 19 th August 2014 | Youth Festival | We conducted youth festival on behalf of University of Mumbai in Fine Arts. |
| 8. | Sep 2014 | Visit to Umang at Karjat | About 40 students and 2 staff members interacted with the residents of "Umang", a home for physically challenged and mentally retarded orphans at Karjat. |
| 9. | 14th and 15 October 2014 | Balanand, Chembur | A student contingent from VES college visited BalAnand. They got acquainted with the place and its working and played with the physically and mentally challenged children living there. |
| 10. | 27-31st October 2014 | NASEOH, Chembur | A student contingent from VES college spent 20 hours for helping them with Ceramic painting, Gardening and Paper Craft & Assembly Unit. |
| 11. | Oct 2014 | Workshop on Drug addiction and its Consequences | The Anti-Narcotic Cell, Mumbai Police, conducted a Workshop on Drug addiction and its Consequences in the college. About 200 students attended the same. |
| 12. | Nov 2014 | Donation of Stationery | The college students collected and donated many plastic folders, long exercise books/ registers etc to students and inmates of Rochiram Thadani School of Hearing-impaired and Gyansathi, a destitute home for street urchins. |

| | | | |
|-----|---------------------------|--|---|
| 13 | 14th November 2014 | NASEOH, Chembur | A student contingent from VES college attended NASEOH for the children's day celebration. They spent time with the children and organized various activities and games for them. |
| 14. | Dec 2014 | NASEOH, Chembur | At the request of NASEOH, Chembur, 80 college students assisted them in organizing and holding their Annual Job Fair. |
| 15. | 20th Dec 2014 | The Life Of Swatanrya Veer Sawarkar | Marathi Vangmay Mandal arranged a talk on the life of Swatanrya Veer Sawarkar by Mr. Satish Bhide. |
| 16. | 23rd January 2015 | Introduction to Computer Science | Mr. Kamlakar Bhopatkar made a presentation on "Introduction to CS " to the 12th standard students of neighboring junior colleges. |
| 17. | 23rd January 2015 | Micro BT mela and Physics Exhibition | Students of neighboring junior colleges were invited to see the science projects. 20 Junior colleges sent around 300 students to participate in the Mela. |
| 18. | 7th February, 2015 | Rotaract Youth Leadership Awards | RYLA (Rotaract Youth Leadership Awards) was conducted by the Rotary Club of Chembur in association with the Rotaract Club of VES on this day. The theme was Personality Development. 180 students attended the seminar. |
| 19. | 2014-15 | Survey on Social Status of Women | Dr. Suniti Nagpurkar supervised and guided the survey undertaken by T.Y.B.A. Eco and Eco +Com and Psychology students on Social Status Of Women. |
| 20. | 07/02/15 | Just Do IT NGO Visit | As a Social responsibility initiative, every year FYIT & SYIT students spend their time with an NGO. This year we selected two NGOs – Prem Daan and Matoshri |
| 21. | Jan and Feb 2015 | Donation Drive for NASEOH, Chembur | More than 100 students participated in the Donation Drive for NASEOH, Chembur. The collected Rs 50,000 for them. |
| 22 | 28 th Feb 2015 | National Science Day celebration | Prof. Mohan Apte mgave a talk on"Kanad to Kalam" |
| 23. | March 2015 | Annual Awards Programme at NASEOH, Chembur | Our college was felicitated at the Annual Awards Programme at NASEOH, Chembur. At their request, the programme was also anchored by Dr. SunitiNagpurkar from our college Outreach Cell. |
| 24. | SAW November 2015 | SAW (Social Awareness Week) | SAW(2015) began with the slogan "Stand for a Cause". DAY 1 began with a rally that spreading the awareness of societal responsibility and ended with a sizable donation collection for the same. DAY 2 saw two performances by children of AKANSHA (an N.G.O) and by our own students. This was also a fund raising event. DAY 3 saw a visit to Sumannagar, Daimond |

| | | | |
|--|--|--|---|
| | | | <p>garden, Shivaji Chowk (Deonar) to thank the traffic police officers and to assist them in their work. On this day we distributed around 50 bottles of soft drink.</p> <p>DAY 4 impressed upon the importance of cleanliness with a cleanliness drive at Juhu beach.</p> <p>DAY5 extended a helping hand and a supportive ear to the cancer patients and their families at Tata Memorial Hospital, Parel. 225 apples, cotton clothes, bed sheets and toys/games were donated. We also donated Rs. 12000 for the cause.</p> <p>DAY 6 saw a visit to Bishwa Bharat Kendra, an orphanage We donated 26 boxes of lactogen and nestum of 400gms each, 30kgs rice, 7 liters oil, 2 liters ghee, 10kgs dal, falero chocolate 1 pack. The same evening The SAW team visited Access Life, an NGO that supports families with children suffering from cancer. The team did community service and entertained the families. Here we donated 32kgs rice & many toys DAY 7 hosted a blood donation camp and a general health check up. The statistics of this day were: 75 pouches of blood (350ml each), 60 eye tests, 120 General health checkup, 30 dental checkup and 100 diabetes checkup.</p> |
|--|--|--|---|

NSS Activities

| | | | |
|----|------------------------|--|--|
| 1. | 24/05/2014 | P.P.I. Campaign Participation | This was conducted in Chembur Naka area. |
| 2. | 21/07/2014 | Thalassemia awareness program | With ROTRACT club of Chembur and Faith foundation conducted detection camp. PO Sanjay Premchandani, PO Vikas Ware and members of ROTRACT club conducted awareness through intensive class room contact program. Blood samples from 375 students were collected and clinical reports were given to the students with necessary suggestions for further perusal of the case. |
| 3. | 22/07/2014 & 31/1/2015 | Blood donation camp, NSS | Many students and teachers donated blood on these days for Raheja Blood Bank (148 bottles) and Red Cross (75 bottles). |
| 4. | 14/07/2014 | “Anti Tobacco Rally” | This was organized by Yeshwant Rao Pratishtan. |
| 5. | 04/08/2014 | Programme on “Protecting Women and Children” | This was held at Yashwantrao Chavan Hall, Near Mantralaya. No. Of Participants: |
| 6. | 1/10/2014 | Anti tobacco Rally | This was held at Gateway of India. |

| | | | |
|-----|----------------------------|---|---|
| 7. | 2/10/2014 | Bhajan Sandhya | This was held at Gateway of India. |
| 8. | 31/10/2014 | Run for unity | This was held at Churchgate. |
| | 8th to 14th November 2014, | NSS Camp (Yusuf Meherally Center, Panvel) | At the 8 days NSS camp, the following activities were conducted: Yoga and meditation , Sharamdan. , Workshop on Snakes , Social awareness skits on AIDS and Anti-tobacco |
| 9. | 9/08/2014 & 12/11/2014 | Tree Plantation | 10 trees each were planted in the college and Yusuf Meherally Center, Panvel on these days. |
| 10. | 31/1/2015 | Health check up | This was organized for the college students. |
| 11. | Through 2014-15 | HIV/AIDS activities | Seminar, Rally, Skit, poster competition, awareness Campaign and Band distribution programmes were conducted in the College, Ashok Nagar and Kokan Nagar Slum and Yusuf Meherally Centre. |
| 12. | Through 2014-15 | Environment Conservation activities | 400 Note Book were made out of unused old papers and distributed in Ashok Nagar slum and Kokan Nagar and Chembur. Also 90 Volunteer covered 200 house to create awareness about Saving of Electricity. |
| 13. | Through 2014-15 | Save Girl Child | Following activities were conducted: NSS volunteers sent various quotations on the theme "Save Girl Child" through SMS to their friends and relatives. They had put up the posters on the theme "Save Girl Child" on the Notice Boards to spread awareness. College had organized seminar on "Save Girl Child" to create awareness among the students. The programme was successful it was attended by 78 students. |
| 14. | Through 2014-15 | Energy Saving Project: | We have established a Energy Conservation cell in our college involving 20 NSS Volunteers as core volunteers. They imparted training to NSS Volunteers regarding Energy Conservation. The cell had collected Electricity bills of various homes and shops of college students, Volunteers and people of adopted slum pocket to save electricity. The cell had monitor almost 1500 houses and shops. |

| | | | |
|-----|--------------------|---------------------------|--|
| 15. | Through 2014-15 | Swacch Bharat Abhiyan: | <p>Following activities were conducted under Swacch Bharat Abhiyan:</p> <ul style="list-style-type: none"> ✓ Pledge was administered at college by students and staff. ✓ Posters were put up on the notice boards and camps to aware students about cleanliness. ✓ Class to class awareness programmes were organised to aware students. ✓ Skit was performed on Swacch bharat abhiyan by NSS Volunteers at Yusuf Meherally Centre. ✓ Every day 3 hours devoted by Volunteers on cleanliness by 55 NSS Volunteers at Yusuf Meherally Centre. ✓ Door to Door campaign conducted by the students in village to aware children about Cleanliness drive at Tara Village. |
|-----|--------------------|---------------------------|--|

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

| Facilities | Existing Sq. ft. | Newly created Sq. ft. | Source of Fund | Total Sq. ft |
|--|---------------------|--------------------------|-------------------------|----------------------|
| Campus area (Constructed) | 71645 | - | Management | 71645 |
| Class rooms | 42120 | - | Management | 42120 |
| Laboratories | 20854 | - | Management | 20854 |
| Seminar Halls | 3700 | - | Management | 3700 |
| No. of important equipments purchased (\geq 1-0 lakh) during the current year. | - | Rs. 2251552/- | College, UGC | Rs. 2251552/- |
| Value of the equipment purchased during the year (Rs. in Lakhs) | - | Rs. 275369.50 | College, UGC | Rs. 275369.50 |
| Others Area (Staff rooms, departments etc.) | 25550 | - | Management | 25550 |

4.2 Computerization of administration and library

- **Administration:** We have purchased ERP package which includes online admission module, fees management module, RFID card, lecture wise attendance module, office automation, Time table management, student data management, teacher data management, software data management, Notice data management, sms alerts etc.
- **Library:** The College Library is fully automated with Libsuite Software and has Online Public Access Catalogue (OPAC) & WEBOPAC to search Library holding.

4.3 Library services:

| Particulars | Existing | | Newly added in 2014-2015 | | Total | |
|---|---------------------------------|--------------------|-----------------------------|------------------|---------------------------------|--------------------|
| | No. | Value in Rs. | No. | Value | No. | Value |
| Text Books | 21,303 | 1,14,76,862. 28 | 2,700 | 10,16,669 .47 | 24,003 | 1,24,93,531 .75 |
| Reference Books | 20,749 | | 777 | | | |
| e-Books | - | - | - | - | - | - |
| Journals | 86 | | 86 | 1,08,262. 00 | 86 | - |
| e-Journals | N-List + 17 Journals | 5000 | N-List + 17 Journals | 5000 | N-List + 17 Journals | - |
| Digital Database | - | - | - | - | - | - |
| CD & Video | CD - 1885 Video - 59 | | CD - 70 Video - 0 | | CD - 1955 Video - 59 | - |
| Others (specify): 1) Bound Volume 2) Grey Literature 3) Thesis & Dissertation & Projects Reports | BV - 1254 GL - 57 TD - 26 | | BV - 58 GL - 2 TD - 2 | | BV - 1312 GL - 59 TD - 28 | - |

Salient Features of Our Library:

- Fully Computerized Library
- OPAC – Online Public Access Catalogue & WEBOPAC
- Access to E-Journals & E-Books via N-LIST programme of INFLIBNET
- State of Art E-Resource Centre – 10 Computers with Internet Access for Students and Staff for their Academic Work with printer and scanner facility
- Book Exhibition and Display of Books along with Book Reviews by Faculty Members.
- Multimedia Collection
- Conducts Annual Book Review Competition for Students
- Scholar's Card given to Merit Holders & Additional Cards given to Students recommended by Professors.
- Separate Novel Card provided.
- Subscribes more than 60 print Journals

E-Resource Centre: It is a part of Library on the 4th Floor. It has 10 Computers with Internet access for students and staff for their Academic Work with printer and scanner facility. Browsing and Scanning facilities are free. The nominal charges for printing are as follows –

| Sr. No. | Particular | Time / Qty. | Nominal Charges |
|---------|------------|----------------------|-----------------|
| 1. | Printing | 1 page – single side | Rs. 2/- |
| | | 1 page – both side | Rs. 4/- |

4.4 Technology up gradation (overall)

| | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Departments | Others |
|----------|-----------------|---------------|----------|------------------|------------------|--------|-------------|---------|
| Existing | 251 | 3 | 3 | 1 | - | 1 | 17 | Library |
| Added | - | 4 | - | - | - | - | - | - |
| Total | 251 | 7 | 3 | 1 | - | 1 | 17 | Library |

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

| Date | Activity | Details |
|-----------------------------------|--|---|
| 2014 | For Students | Online filling up of the admission and Examination forms. |
| 26th and 27th June, 2014 | For many faculty members (Staff Development Programme) | Workshop on “Application of Google Apps in Education” by Mr. Yogesh Modak from Google at VESIT. The workshop was held to introduce Google apps, Gmail, g-drive and their features. |
| 5th July 2014 | For Students | The IT Department conducted a National Level Seminar- Technocrat on 5th of July on “Recent trends in IT”. Big Data analytics and Virtualization |
| 26th July 2014 | For Students | A student of TYCS, Mr. Bhargav, conducted a workshop on “Content Management Software Drupal” for the students of SYCS and TYCS. He had interned in this area and developed an official website. |
| 26th July, 2014 | “Android Application and Development” | Brain Soft Technologies conducted a seminar on “Android Application and Development” for TYIT students. |
| 25th July 2014 and 28th July 2014 | For students | A Hardware Workshop was conducted in two sessions by Ms. Dhanashri Joshi and students of SYCS for FYCS, wherein the basics of Hardware Configuration, assembling and de-assembling of computer were demonstrated. |
| 23th July 2014 | For students | As part of their 21st Anniversary celebrations, Ghatkopar branch of Seed InfoTech conducted a |

| | | |
|---|-----------------------|---|
| | | workshop on DBA-Oracle for the students of TYCS and SYCS. |
| 26th July, 2014 | For students | Brain Soft Technologies conducted a seminar on “Android Application and Development” for TYIT students. |
| 19th July 2014 | For IT Staff | Mrs. Prajisha Jitesh demonstrated the use of Google apps to her departmental colleagues. |
| 13th September 2014 | For teachers | Seminar on “Google Apps Use” was conducted in our college and various teachers from VES institutes shared their experience on use of this technology. |
| 26th, 27th 29th and 30th December 2014 | For students | Mr. Ravindran, one of our students, conducted a Photoshop workshop for 65 students of FYCS and SYCS. The students also got the opportunity to create certificates using Photoshop for Vihaan15 as part of learning outcomes. |
| 3rd January 2015 | For students | Mr. AbdusKhatri, our alumini, conducted a Workshop on Website Development for TYCS for Projects. |
| 10th January 2015 | For students | Mr. Ranjeet Salunkhe, our alumini, working at Wipro as Tech Lead conducted Session on Mobility(Android Programming Case Study) for the students of SYCS to give them an overview on Mobile Application and its usage in business applications and implementation in different business sectors. |
| 11th April 2015 | For teachers | Workshop on “Application of Google Apps in Education” conducted by Prof. Kalpesh Bagal & Prof. Shah from VES Polytechnic |
| 2 nd to 6 th Dec 2014 | T. Y. B.Sc. students. | A workshop on Bio informatics was organized in collaboration with Microbiosat Vashi Navi Mumbai, In the workshop various aspects of Bioinformatics such as genomics, proteomics, and metabolomics were covered. |

4.6 Amount spent on maintenance in lakhs :

| | |
|--|------------------------|
| i) ICT | Rs. 8,88,202/- |
| ii) Campus Infrastructure and facilities | Rs. 4,50,000/- |
| iii) Equipments | Rs.91,456/- |
| iv) Others | Rs.46,42,186/- |
| Total : | Rs. 60,71,840/- |

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- **Students are briefed about the examination system and the facilities available on the campus during parents teacher meeting.**
- **Notices regarding government schemes and various inter collegiate activities, summer placements, sports activities, placement opportunities, career guidance and personality development programs are circulated from time to time by the respective teacher in-charge of the committee.**
- **Students are guided and supported through the Counseling cell, WDC, LLLE of our college which is very active.**
- **Students are also given support by way of goal setting exercise and personality development program by VESLARC.**

5.2 Efforts made by the institution for tracking the progression

- **The progress of the students is monitored by the class co-coordinators department wise.**
- **Result analysis report is circulated to the departments for improving academic performance.**

5.3 (a) Total Number of students: **3029**

| UG | | PG | | Ph. D. |
|-------------|------------|-------|------------|-----------|
| Aided | Unaided | Aided | Unaided | |
| 1772 | 997 | - | 256 | 04 |

(b) No. of students outside the state

| |
|-----------|
| 34 |
|-----------|

(c) No. of international students

| |
|------------|
| NIL |
|------------|

Men

| No | % |
|-------------|--------------|
| 1147 | 37.8% |

Women

| No | % |
|-------------|--------------|
| 1882 | 62.2% |

| Last Year (2013-2014) | | | | | | | This Year (2014-2015) | | | | | | |
|-----------------------|------------|-----------|------------|-------------------------------|-----------|-------------|-----------------------|------------|-----------|------------|-------------------------------|-----------|-------------|
| General | SC | ST | OBC | Physically Challenged/ Sindhi | NT | Total | General | SC | ST | OBC | Physically Challenged/ Sindhi | NT | Total |
| 1962 | 234 | 06 | 204 | 308 | 56 | 2771 | 2019 | 253 | 08 | 237 | 429 | 74 | 3020 |

Demand ratio **315 %**

Dropout % **2.77%**

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

We do not have formal coaching program for competitive examinations. But following department have some additional guidance programs.

- **Chemistry department in association with Indian chemical society conducts aptitude test and gives them coaching for the same.**
- **Physics department in association with IAPT conduct NGPE (National Graduate Physics Examination). Department also provides them with old question papers and solves their doubt if they come for help.**
- **Sociology department helps students with UPSC exams.**
- **Accountancy department provides continuous guidance for CA and CMA exam.**
- **Accountancy department also conducted Tally training for the students**

No. of students beneficiaries

**Chemistry- 35, Physics- 20, Accountancy- 26,
Accountancy Tally Training-54.**

5.5 No. of students qualified in these examinations

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

- **Twenty students appeared for NGPE exam conducted on January 25, 2015. Neetu Singh, a student of T.Y. B.Sc. has been placed among top1% at the state level. She secured top 1% position out of 1702 candidates appeared for the exam from Maharashtra state.**
- **T.Y. B.Sc. students, Neetu Singh, Sriraj Kumar and Sameena Bashir, were ranked in the top 10 % of the students who appeared at their centre in the National Graduate Physics Teachers (NGPE) conducted in January 2015.**
- **Sriraj Kumar from T.Y. B.Sc. (2014-15) has cleared JAM.**

| S. N. | DATE | TITLE OF EVENT | ORGANIZING DEPARTMENT & DETAILS |
|-------|------------------------|---|--|
| 1 | 12th May 2014 | Summer School on Innovation (University of Mumbai) | A SYBSc Biotech student, Ms. Rebecca D'souza, was selected as a participant for this Summer School. |
| 2 | 30th April to 5th June | Internship at emSoft Solutions by two students of SYBSc Comp Sc | Two students of SYBSc Computer Sc, Bhargav and Girish completed their internship at emSoft Solution. They did projects on totally new softwares, Drupal and Android , which are not the part of their syllabus. This internship was made available by our alumni who is running a |

| | | | |
|---|--------------------|---|---|
| | | | company emSoft Solutions along with this partners. |
| 3 | 10th June 2014 | Admission to IIM-Ahmedabad | Mr. Ryan Monteiro did his college proud by securing admission to the prestigious institution: IIM-Ahmedabad . |
| 4 | 27th January, 2015 | 14th state level Micro-biolympiad 2015 | Shruti Singh from F.Y.BSc qualified for the final round of Microbiolympiad quiz competition held at Shirpur and secured second position in the same. Rebecca D,souza and Komal of S.Y.BSc. also participated in the final round |
| 5 | 2014-15 | CHEM VISION organized by K.C. College Mumbai | Our College Chemistry team won the Second Best College Award in this chemistry festival. |
| 6 | 4th February 2015 | Intercollegiate Book Review event @ J M College, Goregaon | Mr. Harmit Jasani, SYComp. Sc student, Participated and won the 1st prize in the English Book Review competition eventheld at J M College, Goregaon. |
| 7 | 2014-15 | G.K. Quiz organized by University of Mumbai | The college team won the First Prize in this event. |

5.6 Details of student counselling and career guidance

● **Career Guidance Cell :**

The cell holds weekly session on Career Guidance to help students choose the career that suits them most. Career Guidance Cell has been involved in guiding the students for their careers since the year 1998. The existence of CGC can be justified on the following grounds: -

- **Some of the students are not well informed of the various career alternatives and scope of higher studies in their respective streams. So the CGC is resourceful in orienting these students on various career avenues.**
- **Many of the students also have special traits where certain specific careers could be suitable for them. Interactions with students both in the class and informally at various platforms by CGC can help it to identify their positive traits and make students realize these.**
- **Quite a few students are unsure of the kind of skills that are required to successfully achieve the career of their choice. Development of appropriate skills and career planning is of vital importance to any successful career. The Cell is able to suggest soft skill training to students and at times even fetch resource people to the campus for small orientations and workshops.**

- Some of the programs initiated by CGC were like 'Orientation Meeting for various competitive examinations, then organized sessions on 'Importance of Preparing Files for Career Progress', techniques for 'Learning and Retention of Memory', methods in 'Enriching One's Vocabulary' etc. We are very glad that through the Principal we have been facilitated a small share cabin on the third floor along with a locker for our activities. Some of our achievements:
 - ◆ Over 600 students counseled over the entire year.
 - ◆ Starting of the ENTREPRENEURSHIP CELL with an enrollment of 3 students.
 - ◆ Conduct of Mock Tests, Interviews and Group Discussions by the Cell from time to time.
 - ◆ Having a good response for the Personal Portfolio Management by the students.
 - ◆ A group of dedicated students preparing for Civil Services Examination.
 - **Personal Counseling Cell :**
The Counseling Cell caters to the emotional and psychological problems of students. It has been started so that students can excel and actualize their potential and learn to deal with their psychological blocks and problems effectively. To meet this end the Counseling Cell offers both one to one personal counseling as well as group developmental sessions. Presently it operates 2-3 times a week on appointment.
 - **Counseling sessions are also conducted by the experts present at VESLARC free of cost.**

No. of students benefitted

| |
|----------------------------|
| Appx. 2000 students |
|----------------------------|

5.7 Details of campus placement

| <i>On campus</i> | | | <i>Off Campus</i> |
|---------------------------------|---------------------------------|---------------------------|---------------------------|
| Number of Organizations Visited | Number of Students Participated | Number of Students Placed | Number of Students Placed |
| 14 | 150 | 35 | 101 |

5.8 Details of gender sensitization programmes:

- College has active Women Development cell. Detail of the Activities of the cell is given in Appendix-VIII

| | | |
|----------------------|-----------------------|---|
| 27th January, | Ms. Geetanjali | WDC of management college organized a lecture series in which eminent personalities shared their life experience. This was organized under VESLARC on 27th Jan 2015. |
|----------------------|-----------------------|---|

| | | |
|----------------|----------------------------------|---|
| 2015 | Harale | Ms. Geetanjali Harale attended the same. |
| 2014-15 | Social Status of Women | Dr. Suniti Nagpurkar supervised and guided the survey undertaken by T.Y.B.A. Eco and Eco +Com and Psychology students on Social Status Of Women. |
| 2014-15 | Research PPT Presentation | Dr. Suniti Nagpurkar prepared 2 teams of students(psychology) to participate at the intercollegiate Research PPT Presentation on "Domestic violence" and on "Perception of Gender roles by men and women" |
| 2014-15 | Save Girl Child: | NSS volunteers sent various quotations on the theme "Save Girl Child" through SMS to their friends and relatives. NSS volunteers had put up the posters on the theme "Save Girl Child" on the Notice Boards to spread awareness. College had organized seminar on "Save Girl Child" to create awareness among the students. The programme was successful it was attended by 78 students. |

5.9 Students Activities

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

State/ University level : **85** National level: **01** International level: **NIL**

More information in Appendix-V

5.9. 1. No. of students participated in cultural events

State/ University level : **47** National level : **NIL** International level : **NIL**

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

State/ University level : **(3 medals in Swimming), + 4 position**

National level : **01 (4th Position).** International level : **NIL**

Cultural:

State/ University level : **02 consolation prizes**

National level : **NIL** International level : **NIL**

5.10 Scholarships and Financial Support

| | Number of students | Amount |
|---|---------------------------|--------------------|
| Financial support from institution (Fee Wavier) | 05 | Rs.13,400/- |
| Financial support from government | 325 | Rs. 4532785 |

| Financial support from other sources | | |
|---|-----------|-----------------------|
| A) Allowed to pay by part payment mode | 23 | 50% fees later |
| B) Scholarship fund(Mr. Pehalajani) | 01 | Rs.2500/- |
| C) Scholarship fund(VES Education Scholarship) | 01 | Rs.2500/- |
| D) Parpatibai Edanmal Daswani Scholarship | 10 | Rs. 40,000/- |
| Number of students who received International/ National recognitions | - | - |

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

Detailed information in 3.26

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

Criterion – VI_

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

MISSION: “PURSUIT OF EXCELLENCE IN HIGHER EDUCATION”

VISION: ENLIGHTENED SOCIETY THROUGH HOLISTIC EDUCATION

OBJECTIVES:

- **To provide conducive academic atmosphere to students.**
- **To improve overall academic performance of students.**
- **To inculcate discipline as a value among students.**
- **To develop employable skills among students.**
- **To render service to society.**

6.2 Does the Institution has a management Information System

- **RFID cards for staff and students**
- **Computerized admission system, Student data base management.**
- **Computerize library system**
- **Computerized attendance software**

- **Computerized result processing software.**
- **Tally system in the office**
- **CCTV cameras on campus.**
- **Public Address System in the corridors.**

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

6.3.1 Curriculum Development

- **Curriculum is designed by University. Its implementation is in our hands. Hence to give rich experience to students various methods are adopted. Many departments conduct add on courses and certificate courses.**
- **Shaping curriculum through co curricular activities of department association which conduct programs on weekly basis.**
- **For overall development there are other avenues and academic programs conducted by the college such as women development program, life-long learning program, NSS, and academic events.**
- **Teachers submit their views on the curriculum on regular basis.**
- **Certificate, Short term and value added courses designed by faculty.**
- **Following teachers are BOS members. They contributed towards framing of syllabus for under graduate and post graduate programs. The syllabus is framed in consultation with research institutes and industry requirements.**
 - **Prof. Shikha Dutta (BMM BOS, 32.5 member)**
 - **Prof. Kamalkar B (Computer Science BOS Ex-Chairman)**
 - **Prof. Jayalakshmi Srinivasan (IT, Member of Syllabus Committee)**
 - **Prof. Shantani Nair (Microbiology BOS)**
 - **Prof. Nagesh Mallik (Microbiology BOS)**
 - **Dr.Suniti Nagpurkar (Economics, BOS)**
 - **Dr. Mary Stephen (BOS, Chemistry)**
 - **Prof. Hemlatha Deshpande (Syllabus committee member)**

6.3.2 Teaching and Learning

- **Many departments have active association which conduct programs on weekly basis.**
- **Learning experience is enhanced by use of ICT tools.**
- **E-database and free internet facility in the Library as well as in departments.**
- **Special coaching for slow learners (Remedial) and advanced learners (ACP: Additional Credit Program) catering to their separate needs**
Detailed information about ACP in appendix VI.

- Regular visits are arranged for students to give first-hand experience of industrial needs, technologies and advancements.
- Attendance is monitored very strictly and regularly, engaging compensatory lectures in lieu of any lectures lost. The college takes pride in claiming that minimum number lectures are lost due to taking leave etc. as we have this system.
- 100% portion is completed by the teachers in the college.
- Regular diary writing by the teachers: Every teacher maintains a daily record of lectures taken in the academic diary and submits it to the HOD/Principal, along with a plan for compensatory lectures (if any lectures are missed) on monthly basis. This ensures that lectures are conducted regularly and loss of lectures is avoided or at least minimized. The reward lies in timely completion of all syllabi to the satisfaction of our most important stake holders i.e. the students.
- Introduction of “Missing Hours” & “Modification of leave” forms: From the academic year 2011-12, we have developed a new mechanism to give due credit to the teachers, accounting for the time they spend discharging their duties with reference to University or other academic stake holders. We have therefore devised ‘Missing Hours Form’ that teachers fill in when they are on duty at places other than the college, with or without duty leave. The outcome is more accurate records of teachers in terms of amount of time spent on the campus or on duty.
- Bio-metric system for better time keeping: With a view to automate the staff attendance, we introduced the Bio-Metric system from January 2011. This has enabled us to start the practice of giving the individual teachers a monthly compiled report on the duration of time spent on the campus every week from the current academic year 2011-12. (Now this has been made mandatory practice). Report is submitted to Joint Directors office on monthly basis.

6.3.3 Examination and Evaluation

- There is Examination committee to conduct the exams properly.
- Result committee looks after processing of the result using computer software so that it is declared on time.
- Unfair means committee takes care of fair conduct of examination

From year 2014-15

- Paper setters have to be present in the college during the conduct of exam.
- Papers are checked by the senior teachers of the department for 100% inclusion of the syllabus and proper weightage assigned to the topic.

6.3.4 Research and Development

- **Teachers are encouraged to apply for the research grants from various funding agencies like UGC and University of Mumbai.**
- **At present there are 06 Research Guides in the institution facilitating research endeavors in the College.**
- **Research committee scrutinizes the proposals before submitting it to the agency.**
- **Faculty members published papers in reputed journals and presented their research work at various national and international seminars and conferences.**
- **UG students are involved in research projects through ACP program.**
- **Students are encouraged to participate in Mumbai University Research convention “Avishkar” This year one team from BT department participated. Topic of their project was “Learning and Memory in Snails”.**
- **Research based seminar and Conference are organized by the college.**

6.3.5 Library, ICT and physical infrastructure / instrumentation:

Our college library has

- ❖ **07 Computers of it 03 computers are for student to search Library catalog in OPAC.**
- ❖ **02 Printer**
- ❖ **E-Resource Centre has 10 computers with a printing facility**

6.3.6 Human Resource Management

- **College has administrative head to look after the human and administrative functioning of the college.**
- **Various committees (IQAC, career counseling, Placement, Sports, Admission, examination, forum etc.) ensure the quality enhancement of Human Resource Management.**
- **All decisions are taken in democratic way by calling regular staff meetings for teaching and non teaching staff.**
- **Special “Induction program” was conducted to help the new staff members know about the college and develop required teaching and administrative skills.**
- **Staff Development Programs are conducted on non teaching days to inform teachers about new methods of teaching, free courses and internet tools available in education and examination and evaluation system reforms.**
- **College recognizes teachers/ all staff members completing 25 years of service in this college.**
- **From 2013-14, during the year end staff meeting members of teaching and non teaching staff with outstanding performance in terms of minimum leave taken were appreciated and felicitated by the Principal in presence of management trustee In-charge.**

6.3.7 Faculty and Staff recruitment

- **Staff recruitment is done by taking necessary permissions from the Government (Aided) and Management (Unaided).**
- **UGC norms and Mumbai University guidelines are followed very strictly..**

6.3.8 Industry Interaction / Collaboration

- **The Microbiology and BT departments have collaborated with TIFR, Homi Bhabha Centre for Science and Education (HBCSE). Students have been working under Collaborative Undergraduate Biology Education (CUBE) program. The aim of the collaboration is to expose undergraduate students to research methodologies.**
 - **Computer Science department had collaboration with various industries listed in the appendix for student internship purpose.**
 - **Department of IT establishes informal external linkages with the companies such as Seed Infotech pvt. LTd., NIIT, CMC, APTECH, ERUDITE and Endeavor etc. The department benefits through the linkages in the following ways. Every year it conducts various seminars and workshops to bridge the gap between the syllabus and industry-expectations and standards.**
 - **Economics department has collaboration with forum of free enterprise, Ad Shroff for conduct of Elocution competition.**
 - **BMM department formed the Rotract club under the Rotary club of Chembur.**
 - **Dhanashree Haldavnekar, Pooja Yadav and Ganesh Narayanan did project work in the Nuclear Physics Division, BARC under the guidance of Dr. K Mahata and Dr. Santra.**
 - **Physics department collaborate with IAPT for NGPE exam.**
 - **We had Energy management program and Science day program in collaboration with Vijnana Bharati.**
 - **In collaboration with MMAR (with MOU) a certificate course “Employability Skill Development” was conducted. 26 students benefited and got placement.**
- Detailed information in Appendix VII.**

6.3.9 Admission of Students

- **We strictly follow the guidelines for admission of students belonging to marginalized sections and fill in the admissions as per the quota guidelines of Government of Maharashtra, University of Mumbai. Further at the time of admission we charge them the minimum fees as prescribed by the University, though there is always a delay in receiving the scholarship grants from the University of Mumbai and Government of Maharashtra in this regard.**

- **Online Admission System:**

This system was introduced since the academic year 2012-13. It has helped maintain and access students related data easily. It also improves time efficiency in administration particularly when colleges are expected to participate in the enrollment procedures of the university. MKCL system is implemented.

- **NO STUDENT HAS EVER BEEN DENIED ADMISSION FOR LACK OF ABILITY TO PAY FEES AT THE TIME OF ADMISSION.** Several students are given full/half fee waiver on the basis of their economical background and past academic performance. The students are allowed to pay their fees in installments depending on their needs. Several students have benefited from this policy.

6.4 Welfare schemes for

| | |
|--------------|--|
| Teaching | ✓ Admissions in our college and sister institutions. ✓ Extending financial assistance in our college. |
| Non teaching | ✓ Admissions in our college and sister institutions. ✓ Extending financial assistance in our college. |
| Students | ✓ Fee waiver, Scholarship, Adoption and Earn and learn schemes. |

6.5 Total corpus fund generated NIL (Generated at Management level in the account of VES)

6.6 Whether annual financial audit has been done Yes No

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

| Audit Type | External | | Internal | |
|----------------|------------|--------------------------|------------|---------------------|
| | Yes/No | Agency | Yes/No | Authority |
| Academic | Yes | Mumbai University | Yes | IQAC members |
| Administrative | NO | - | NO | - |

6.8 Does the University/ Autonomous College declares 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?

- **University has changed 60/40 pattern to 75/25 pattern. Students have 75 % weightage for external and 25 % weightage for internal examination.**
- **Internal exam/class test for 20 marks.**

- **Several departments have devised different methods for assigning 05 marks on the basis of presentations/ assignments in order to facilitate students learning.**

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

- **Dr. Sanjay Sanghvi is President of College Alumni Association**
- **Alumni helps us in:**
 - Conducting Soft Skill Development Programs**
 - Conducting Advanced knowledge based Programs**
 - Providing exposure to latest technology and equipments through conduct of demonstration practicals.**
 - Helping to popularize Trekking Club activities in the college.**
 - Sponsor prizes for competitions.**
 - Partly sponsored department seminars.**
 - Many of our Alumni visit the college regularly and give guest lecturers to our present students.**
 - Few of our alumni have donated in response to the appeal for constructing a computer lab in the college.**
 - Active participation in the operational issues of the department such as examiner for mini project viva, seminars and workshops on recent trends in the field and voluntary support for the department inter-collegiate tech fest .**

6.12 Activities and support from the Parent – Teacher Association

- **Regular conduct of meetings with the parents of attendance defaulters.**
- **Some departments conduct yearly meetings with the parents and take their feedback to improve.**
- **Based on the feedback from the parents many teachers have changed their style of teaching to cater to needs of the students.**

6.13 Development programmes for support staff

- **“Google App workshop” was conducted for support/office staff members.**
- **Support staff is sent to attend training programs and workshops.**

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

- **Two Lectures on Energy management were organized in association with “Vijnana Bharati” to sensitize the students on energy conservation.**
 - **Ms. Anupama Kulkarni (BARC) conducted it on Energy Management on 20th March 2015.**
 - **On Wednesday, 8th April, Eminent speaker is Dr. J.C.Vyas, on the subject "Understanding energy sustainability: An Overview"**

- New Garden is developed in the campus.
- An initiative of “Zero Waste Campus” taken wherein canteen waste and garden leaves are degraded through composting. Canteen staff and Gardener were trained to do the same.
- **Energy Saving Project:** NSS of our college have established a Energy Conservation cell in our college involving 20 NSS Volunteers as core volunteers. Our Energy Conservation cell was very active throughout the year. As suggested by VC of Mumbai University they imparted training to NSS Volunteers regarding Energy Conservation. The cell had collected Electricity bills of various homes and shops of college students, Volunteers and people of adopted slum pocket to save electricity. The cell had monitor almost 1500 houses and shops.
- **Note Book Preparation and Distribution:** NSS cell, have established a Note Book Preparation cell in our college involving 60 NSS Volunteers as core volunteers. Our Note Book Preparation cell was very active throughout the year. They prepared 1000 Note books from the used books of last year along with NSS Volunteers and Other College Students. They distributed books to poor students on 24th September, 2014 on the occasion of NSS Day’ in our adopted slum pocket Konkan Nagar and Ashok Nagar.

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.

I) Adopting ERP for customization of software for

- a) Admission process and displaying merit list
- b) Attendance monitoring
- c) For maintaining financial accounts

II) Collaborative Learning and Resource sharing activities: To share the resources and expertise of all the institution under VES, “Innovative and Collaborative learning group” called “ADHARSHILA” was established. The Adharshila group and its activities provide a platform for enhancement in teaching learning practices and motivation of teachers.

III) Recognition for Contribution in Defined Thrust Areas

The process of reaccreditation was a learning in itself which constantly brought forth several areas as priority for Quality Enhancement. In view of preparing for the 3rd cycle of reaccreditation it was felt that measures need to be adopted to address all areas where there is scope for improvement and innovation as well.

There is a greater need to have collective thinking and collective effort to achieve higher end goals. Better outcomes could be obtained through collective effort, brainstorming with a feeling of oneness emerging in working groups. Each

department as a basic functional academic unit needs to be motivated to achieve set targets which ultimately will lead to institution building at a larger level.

As a first step in this direction, the recognition titled “**Recognition for Contribution in Defined Thrust Areas**” was instituted to motivate departments to make a mark in the thrust areas listed below in 2013-14:

- Add on Courses
- Encourage student research beyond the prescribed curriculum (eg. Avishkar)
- Collaborations
- Working towards Major/Minor research funding
- Conduct of seminars / conferences/ workshops
- University ranks
- Consultancy work

Each of these areas requires a collective functioning by drawing a road map for the department to work out systematically the measures to be taken for achieving success.

The **Objectives** for the instituting the recognition titled “**Recognition for contribution in defined thrust areas**” are:

Objective-1: To galvanize departments to foster team spirit & collective working thereby giving impetus to:

- Conduct of team events
- Higher degree of student engagement
- Higher degree of staff involvement
- Enhancing impact of the subject taught
- Developing the essence/relevance of application of subject taught

Objective -2: To motivate /recognize team efforts

Objective -3: To have quality enhancement in the defined thrust areas.

From the academic year 2014-15 three more areas are identified and added to the previous year’s recognitions. The new areas are as follows:

- **Recognition for Highest Research Output:** Research being the important objective of higher education, every department should contribute towards enhancing their research output.
- **Recognition for Extension Activities:** Extension work being an important objective of higher education, every department should contribute towards extension activity. The work undertaken can be categorized under two distinct groups.viz extension activities under subject domain and Community engagement.
- **Recognition for Good Governance and Outcomes:** There are several dimensions for good governance such as abiding by all rules adopting innovative

practices/ contributing towards resource generation/placements if applicable focused efforts towards teaching & learning.

The members of the IQAC committee developed the marking scheme for evaluation of “various recognitions” through deliberations. Several brainstorming sessions were held to bring about objective evaluation under each of the specified thrust area. The departmental presentations brought about greater clarity in understanding the objectives/procedures/outcomes of the activities reported.

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

| Plan of Action | Action taken Report |
|---|--|
| Internal Academic Audit work was initiated by the IQAC members | Internal Academic Audit was conducted by the IQAC members on 23 rd September 2014. |
| University of Mumbai introduced a University Academic Audit for colleges. The IQAC of the college decided to go for external Audit by University of Mumbai. The IQAC team proactively opted to submit the report. | The University Academic Audit (2010-14) was held in the college on 12 th December 2014. A three member team comprising of Principal A.P. Pradhan (Former Vice Chancellor YCMO University), Dr. K.V. Kale (Director, BCUD, B.A.M University) and Dr P. M. Sule (Former Principal, Ruparel College) were the members of audit team. We received encouraging reports from the audit team and the IQAC hopes this would be a positive step towards our goal of achieving excellence in education. |
| Co curricular programmes planned by Department Associations | Quiz, Eassy competitions, Seminar competitions, Exhibition, student seminar were conducted by the associations. |
| Forum activities in the area of performing, literary and Fine arts | Every Saturday during the Forum slot various activities are held for all round development of the students. |
| IQAC initiated awards for the departments to recognize the departments under various thrust areas | <p>The IQAC decided to recognize the departments for their contribution towards Thrust Areas, Good Governance, Extension Activities and Maximum Research Output. After rounds of scrutiny of documents and presentations by the departments, the following departments were awarded on 30th April 2015 for their contributions and performances.</p> <ul style="list-style-type: none"> ● Thrust Areas – Department of Physics ● Good governance – Department of Microbiology ● Extension activities – Department of Mass Media ● Highest Research output - Department of Chemistry |
| To introduce new staff members with culture of the institute. | The IQAC also organized a one day “ Induction program ” for the newly recruited teachers on 16 th March 2015. 18 teachers participated in the program and were initiated into the profession with guidance from the Principal and some senior members of the staff. While Principal Dr. J.K. Phadnis explained how one could grow and develop into a responsible teacher, Prof. Santhini Nair briefed them on a teacher’s role in institution building and Dr. Anita Kanwar |

| | |
|---|---|
| | elaborated on how they could grow with the institution. Dr. Mary Stephen introduced the group to the functioning at V.E.S. and the librarian, Mrs. Meghana Sanjeeva informed them about library facilities and online resources available for professional enhancement. Overall the program was informative, beneficial and enjoyable to one and all. |
| Initiative for Placement of the teachers in higher grades | The IQAC members were also instrumental in scrutinizing the CAS applications of 4 staff members and the formalities were successfully completed. |
| Staff/student Development Programs | The IQAC in association with VESLARC organized the following programs for our staff and students: (a) 6 teachers attended an induction program on 20 th June 2014 (b) 20 Non teaching staff attended a training program on 'Healthy Attitudes and Joy' on 3 rd March 2015 (c) 144 students attended a goal planning workshop in March 2015. (d) A Google Apps workshop for teachers on 11 th April, 2015 which was enthusiastically attended by 21 teachers. (e) Google app workshop for non teaching staff. |
| Appreciation of staff members | Teaching and non teaching staff were appreciated for taking less number of leave in the academic year, significant research contribution and their extra, noteworthy efforts in college functioning. |
| Industrial Visits | Planned and implemented by many departments |
| Extension Activities | 87 extension activities were conducted by the college. |
| Felicitation of Staff members | Staff members completing 25 years of service in the college were felicitated by the management. |
| Best Student Award | Every year one student is selected on the basis of overall performance of the student in all activities and awarded a trophy. |

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

- **Recognition of student achievers.**
- **Tally and ERP certificate course was organized. Two office staff were imparted free training. Total 30 students participated and certificates were distributed on 25th March 2015.**
- **New courses (add-on) are introduced to increase the employability skill of the students.**
- **To increase the research activities two more departments (Microbiology and Physics) applied for laboratory recognitions to enroll Ph.D. students.**
- **Initiatives were taken and Proposal was prepared to apply for FIST (DST), STAR (DBT) and B.VOC (UGC) grants.**
- **New and more numbers of enthusiastic teachers were made incharge of cultural activities to increase the participation and awards.**

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

7.4 Contribution to environmental awareness / protection

- **Rain harvesting in collaboration with Rotary Club of Deonar**
- **Energy management lectures were conducted in collaboration with Vijnana Bharati.**
- **One day was devoted for environment awareness in SAW: Social Awareness Week by BMM department.**
- **‘Zero waste campus’ Initiative.**
- **Solar Maha Surya Kumbh.**

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:

- **Transparent administration, dedicated staff and supportive management.**
- **Framework of Internal Academic audit was developed by the IQAC team.**
- **Introduction of new courses. (UG- TY maths, BAF. PG- MA (PR and Psychology, M.com-management, Lab recognitions for Ph.D in Physics and Microbiology, certificate course- ESD by MMAR, Tally)**
- **Students’ holistic development through department and association activities.**
- **Efficient administration through usage of ICT.**
- **Optimum utilization of infrastructure.**

Weakness:

- **Superannuation of experienced teachers (05)**
- **Most of our students are first generation learners and are from vernacular medium.**
- **Shy approach in branding.**

Opportunities:

- **Vertical and horizontal expansion**
- **Ph.D. Research lab recognitions.**
- **Proposals are submitted to get FIST and STAR college grants.**
- **Increase in external linkages and collaborations.**

Threats:

- **Mushrooming self financing courses and private colleges.**
- **No fee revision since 2008 by the university**
- **Increasing student teacher ratio.**

8. Plans of institution for next year:

i) Environmental Initiatives:

- a) Energy Audit and measures for energy conservation***
- b) Undertaking Project on Kitchen waste composting by Staff and spreading awareness to community.***
- c) Harnessing solar energy***

ii) Quality Enhancement Initiatives:

- a) Administrative Audit***
- b) Continuation of Academic audit***
- c) Conduct of IQAC conference***
- d) Promotion of science education through grant under STAR COLLEGE Scheme***
- e) Promotion of science research through grant under FIST Scheme***

iii) Initiatives for Enhancement/ Upgrading Employability skills:

- a) Add-on courses: (Thomas Cook)***
- b) Working towards introduction of B. Voc. Courses.***

Name: Dr. Mary Stephen

Mary Stephen
Signature of the Coordinator, IQAC

Name: Dr. (Mrs.) JK Phadnis

JK Phadnis
Signature of the Chairperson, IQAC

Abbreviations:

| | | |
|------|---|--|
| CAS | - | Career Advanced Scheme |
| CAT | - | Common Admission Test |
| CBCS | - | Choice Based Credit System |
| CE | - | Centre for Excellence |
| COP | - | Career Oriented Programme |
| CPE | - | College with Potential for Excellence |
| DPE | - | Department with Potential for Excellence |
| GATE | - | Graduate Aptitude Test |
| NET | - | National Eligibility Test |
| PEI | - | Physical Education Institution |
| SAP | - | Special Assistance Programme |
| SF | - | Self Financing |
| SLET | - | State Level Eligibility Test |
| TEI | - | Teacher Education Institution |
| UPE | - | University with Potential Excellence |
| UPSC | - | Union Public Service Commission |

Abbreviations:

| | | |
|------|---|--|
| CAS | - | Career Advanced Scheme |
| CAT | - | Common Admission Test |
| CBCS | - | Choice Based Credit System |
| CE | - | Centre for Excellence |
| COP | - | Career Oriented Programme |
| CPE | - | College with Potential for Excellence |
| DPE | - | Department with Potential for Excellence |
| GATE | - | Graduate Aptitude Test |
| NET | - | National Eligibility Test |
| PEI | - | Physical Education Institution |
| SAP | - | Special Assistance Programme |
| SF | - | Self Financing |
| SLET | - | State Level Eligibility Test |
| TEI | - | Teacher Education Institution |
| UPE | - | University with Potential Excellence |
| UPSC | - | Union Public Service Commission |

Annexure I

**V. E. S. COLLEGE OF ARTS, SCIENCE AND COMMERCE
SINDHI SOCIETY CHEMBUR MUMBAI 400071
EXAMINATION WISE TIMETABLE FOR ACADEMIC YEAR 2014-
2015**

| | |
|----------------------|--|
| Semester I, III & V | 9 th June 2014 – 17 th Oct. 2014 |
| Academic Audit | 22 nd Sept. 2013 – 23 rd Sept. 2014 |
| Diwali Break | 18 th Oct. 2014 – 9 th Nov. 2014 |
| Semester II, IV & VI | 10 th Nov. 2014 – 30 th April 2015 |
| Sports | 27 th , 28 th & 29 th Nov. 2014 |
| Talentia | 22 nd & 23 rd Dec. 2014 |
| Annual Day | 24 th Dec. 2014 |
| Winter Break | 26 th Dec. 2014 – 1 st Jan. 2015 |

SEMESTER I, III & V

Timetable for ATKT Examination (Old Pattern)

| | |
|---|--|
| Submission of Question Paper * (As per respective B.O.S.) One Set | 21 st July 2014 |
| Examination | 4 th Aug. – 12 th Aug. 2014 |
| CAP | 5 th Aug. 2014 – 21 st Aug. 2014 |
| Submission of Mark sheet | 22 nd Aug. 2014 |
| Result Declaration | 30 th Aug. 2014 |
| Revaluation of Answer sheet and Mark sheet Submission | 13 th Sept. 2014 |

*Please confirm from Ms. Radha whether student is appearing for the respective paper.

**Timetable for Internal Test Theory (B.A., B.Com. & B.Sc.(only F.C.)
Science Departments are requested to plan the exam dates and submit a
copy of the same to the examination committee.**

| | |
|---|--|
| Submission of Question Paper Bundle * (As per respective B.O.S.) | 16 th Aug. 2014 |
| Test Date** | 19 th Aug. 2014, 25 th Aug. 2014 |
| Submission of Mark sheet (20 Marks) *** | 20 th Sept. 2014 |

*Scheme of Question paper bundle making will be put up on Staff Room Notice board one week prior to the Question paper submission dates.

**Timetable would be put up by 2nd week of Aug.

***Please confirm from Mr. Sanjay Chalke regarding any student failed in internal exams.

Timetable for Semester End Theory Examination - Regular

| | |
|---|---|
| Submission of Question Paper (As per respective B.O.S.) Three Set | 26 th Aug. 2014 |
| Completion of Portion | 18 th Sept. 2014 |
| Examination | 24 th Sept. – 3 rd Oct. 2014 |
| CAP | 24 th Sept. – 15 th Oct. 2014 |
| Submission of Mark sheet | 16 th Oct. 2014 |
| Result Declaration | 18 th Nov. 2014 |
| Revaluation of Answer sheet and Mark sheet Submission | 29 th Nov. 2014 |

Examination Committee

SEMESTER II, IV & VI Timetable for ATKT Examination (Old Pattern)

| | |
|---|--|
| Submission of Question Paper * (As per respective B.O.S.) One Set | 13 th Jan. 2015 |
| Examination | 22 nd Jan – 30 th Jan 2015 |
| CAP | 22 nd Jan – 5 th Feb. 2015 |
| Submission of Mark sheet | 6 th Feb. 2015 |
| Result Declaration | 12 th Feb. 2015 |
| Revaluation of Answer sheet and Mark sheet Submission | 23 rd Feb. 2015 |

*Please confirm from Ms. Radha whether student is appearing for the respective paper.

Timetable for Internal Test Theory (B.A., B.Com. & B.Sc.(only F.C.) Science Departments are requested to plan the exam dates and submit a copy of the same to the examination committee.

| | |
|---|---|
| Submission of Question Paper Bundle * (As per respective B.O.S.) | 15 th Jan. 2015 |
| Test Date** | 17 th & 19 th Jan. 2015 |
| Submission of Mark sheet (20 Marks) *** | 26 th Feb. 2015 |

*Scheme of Question paper bundle making will be put up on Staff Room Notice board by one week prior to the Question paper submission dates.

**Timetable would be put up by 2nd week of Jan.

***Please confirm from Mr. Sanjay Chalke regarding any student failed in internal exams.

Timetable for Semester End Theory Examination - Regular

| | |
|---|---|
| Submission of Question Paper (As per respective B.O.S.) Three Set | 28 th Jan. 2015 |
| Completion of Portion | 23 rd Feb. 2015 |
| Examination | 28 th Feb. – 9 th March 2015 |
| CAP | 28 th Feb. – 24 th March 2015 |
| Submission of Mark sheet | 21 st March 2015 |
| Result Declaration | 2 nd April 2015 |
| Revaluation of Answer sheet and Mark sheet Submission | 15 th April 2015 |

Timetable for Sem I, III & V Additional Examination - Additional

| | |
|--|--|
| Examination | 16 th March – 24 th March 2015 |
| CAP | 16 th March – 30 th March 2015 |
| Submission of Mark sheet | 31 st March 2015 |
| Result Declaration | 8 th April 2015 |
| Revaluation of Answer sheet and Mark sheet Submission | 21 st April 2015 |

Timetable for Sem II, IV & VI Examination - Additional

| | |
|--|--|
| Examination | 21 st April – 29 th April 2015 |
| CAP | 21 st April – 12 th June 2015 |
| Submission of Mark sheet | 13 th June 2015 |
| Result Declaration | 20 th June 2015 |
| Revaluation of Answer sheet and Mark sheet Submission | 1 st July 2015 |

Annexure-II

FEEDBACK

I. Students feedback on Teachers: This feedback is taken online. Selected students with more than 75% of attendance are allowed to give this feedback. Feedback is analyzed online and result is communicated to teachers through HOD and Principal. Wherever feedback is not satisfactory teachers are given suggestions for improvement and the improvement is monitored on regular basis.

II. Curriculum Feedback: Curriculum feedback is taken from third year students using google forms at department level. The feedback is analyzed and important comments are communicated to the syllabus revision committee and BOS chairman by mail or during meetings.

III. Parents Feedback: Feedback from parents is taken by giving them forms in HINDHI, MARATHI and ENGLISH and these forms are analyzed department wise.

IV. Institutional Feedback (Exit Feedback): It is taken from third year students at college level. Students are asked to give feedback about the college and office infrastructure, General behaviour of the staff, canteen facility, cleanliness, sports and other supporting facilities, library, internet facility etc.

V: Feedback about the activities conducted: Whenever any festival or intercollegiate seminar, workshop, conferences and competition are conducted by the departments feedback is taken and the analysis is used to improve the level next time.

Annexure-III

Revision/Update of Regulation or Syllabi

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

General: At undergraduate level CBSGS with 75% external and 25% internal marks was introduced.

Chemistry : BSc Semester-I and Semester-II syllabus has been revised by BOS. wherein physical and analytical chemistry is Paper-I and Organic and Inorganic chemistry is paper-II.

Psychology: Sem-III and Sem -IV syllabus changed.

Department of Biotechnology

Semester I

| Old syllabus | New syllabus |
|---|---|
| Paper I- | |
| Unit I-Microbiology | Unit I-History, Introduction and perspective of Biotechnology |
| Unit II-Genetics | Unit II-Basic Microscopy |
| Unit III-Microbial Diversity And Functional Biology | Unit III-Stains and staining procedures |
| Paper II- | |
| Unit I-Cell Biology | Unit I-Biomolecules |
| Unit II-Biomolecules | Unit II-prokaryotic and eukaryotic cell structure |
| Unit III-Medical Biotechnology | Unit III-microbial Nutrition, Cultivation, Isolation and preservation |

Semester II

| Old syllabus | New syllabus |
|---|----------------------------------|
| Paper I- | |
| Unit I-Microbiology ² | Unit I-Control of Microorganisms |
| Unit II-Genetics ² | Unit II-Plant Tissue culture |
| Unit III- Microbial Diversity And Functional Biology ² | Unit III-Animal Tissue culture |
| Paper II- | |
| Unit I-Cell Biology ² | Unit I-Biomolecules II |
| Unit II-Biomolecules ² | Unit II-Genetics |
| Unit Iii-Medical Microbiology ² | Unit III-Food Biotechnology |

Commerce: FYBA Commerce-I paper changed. T.Y.B.Com Commerce III –Marketing and Human Resource Management and Export Marketing syllabus has been revised.

Microbiology:

Change in syllabus F.Y.B.Sc. 2014-2015

Paper I: Yearly pattern - Fundamentals of Microbiology (old)

Paper I: Semester I- Fundamentals of Microbiology (New)

Paper I: Semester II - Basics techniques in Microbiology (New)

Paper II : Yearly pattern - Applied Microbiology (Old)

Paper II: Semester I- Basics of Microbiology (New)

Paper II : Semester II- Exploring Microbiology(New)

Accountancy: SEM-V and SEM-VI papers have same name but certain topics have been changed.

Annexure- IV

**LIST OF MINOR RESEARCH PROJECTS SANCTIONED DURING
THE FINANCIAL YEAR 2014-15**

| Sr. No. | Name of the Project | Name of the Teacher | Sanctio ning Body | Sancti oned Grant | Grant Releas ed | Remarks |
|----------------|--|---------------------------------|----------------------------------|----------------------------------|--------------------------------|---|
| 1. | “Analytical Applications of Thiosemicarbazone Derivatives of 5-Substituted Isatin for the determination of Environmentally and Industrially Important Metalions” | Prof. (Mrs.) Seema Borgave | Universi ty (Minor) | 15,00 0/- | 12,000/ - | Project No. 07, 80% in Nov.14 and 20% in March 15 |
| 2. | “The Silenced Freedom : A Study of the Marginalisation of Regional Women Writers from the Western Coast of India” | Prof. (Mrs.) Lekha Nambiar | Universi ty (Minor) | 30,00 0/- | 24,000/ - | Project No. 139, 80% in Nov.14 and 20% in March 15 |
| 3. | “Significance and Problems of Power Loom Industry in Bhiwandi | Prof. (Mrs.) Sunita Sherifani | Universi ty (Minor) | 25,00 0/- | 20,000/ - | Project No. 238, 80% in Nov.14 and 20% in March 15 |
| 4. | “Screening, Characterization of Actinomycetes from garden and cultivated soils and study of its antimicrobial activity” | Prof. (Mrs.) Vinaya Jategaonkar | Universi ty (Minor) | 15,00 0/- | 12,000/ - | Project No. 122, 80% in Nov.14 and 20% in March 15 |
| 5. | “Isolation of Keratin degrading microorganisms and their application in feather waste management” | Prof. Malay Shah | U.G.C. (Minor) | 3,25,0 00/- | 2,42,50 0/- | Sanctioned on 21 st May 2014 & 75% grant released |
| 6. | “A Critical Study of Heterogenous Ethnic Voices and Multiculturalism in South Asian Canadian Writing” | Dr.(Mrs.) Shikha Dutta | U.G.C. (Minor) | 65,00 0/- | 55,000/ - | Sanctioned on 20 th Feb. 2015. Release of grant awaited |
| | TOTAL... | | | 4,75,0 00 | 3,82,50 0 | 92,500 |

Annexure- V

Sports Report 2014-15

Sports In-charge: Assistant Prof. Malay Shah Annual Sports Meet 2014 - 2015

Annual sports meet is one of the mega events of the college. Large numbers of students participate in various sports events organized during this period. This year Indoor events were conducted on 4th, 5th & 6th December 2014 and outdoor events on 15th, 16th & 17th, January 2015.

Students from various streams, courses and classes were grouped in four houses namely,

| NAME OF THE HOUSE | CLASS |
|-------------------|---------------------------------------|
| AGNI HOUSE | All BMS, BMM, B.Sc. - IT & B.Sc. - CS |
| AKASH HOUSE | F.Y.B.Com., S.Y.B.Com. & M.Com. |
| PRITHVI HOUSE | BFM, B&I, BAF & T.Y.B.Com. |
| SURYA HOUSE | All BA, All B.Sc., MA, & M.Sc. |

As a part of Annual Sports Meet, the college organized competitions in the following events:

| | |
|----------------------|--|
| Indoor events | Badminton, Table Tennis, Carom & Chess |
| Track events | 100M, 200M, 400M, 800M, 1500M for Men and Women, 5000M Men and Relay 4 X 100M Men and Women. |
| Field events | Discuss throw, Shot put, Javelin throw & Long jump. |
| Team events | Cricket, Foot Ball (Men), Volley Ball, Kabaddi & Tug-of-War |

Results of Annual Sports Meet

Best Athlete (Men): Mr. Abhilash Tirkey (T.Y. B.Com.)

Best Athlete (Women): Ms. Darshana Sharma (S.Y. B.Sc.)

Best house in sports: SURYA HOUSE

BEST SPORTSMAN & SPORTSWOMEN AWARD

Best sportsman and sportswomen trophies are awarded to the students on the basis of performance and participation in sports at various levels. For the current academic year following students were awarded with this prestigious award.

Best Sportsmen: Mr. Piyush Mansanghani (FY BAF)

Best Sportswomen: Ms. Ugine Demello (FY BMS)

Sports Achievements

2014 - 2015

State Level

- Mr. Vishal Katkar (F.Y.BSc.) participated in 'Maharashtra State Level Powerlifting Championship' in 66 Kg Class, organized by Maharashtra State Powerlifting Association, held at Sindhudurg Vengurla from 10th to 12th December, 2014.

Inter-University Level

- All India Inter-University Rope Mallakhamb Competition was held at Kurukshetra University Kurukshetra, Haryana on 5th to 7th November 2014. Ms. Vinaya (S.Y.B.Sc Biotech) was a Part of Mumbai team. The team secured 4th position in the competition. She was also ranked 5th amongst all the participants in the competition.
- Ms. Ugine Demello (FYBMS) was selected to represent Mumbai University Swimming team for Inter-University Swimming Competition.

University Level

- Inter collegiate Swimming Competition for women were organized by University of Mumbai at P.M. Hindu Swimming Bath, Netaji Subhash Road, Charni Road, Mumbai on 16th & 18th August 2014. Ms Ugine Demello Secured following prizes in the same

- Gold Medal in 200 M Breaststroke & 400 M Freestyle
- Silver Medal in 50 M & 100M (Breaststroke each)
- Bronze Medal in 200 M Freestyle & 50 M Butterfly stroke
- 4th Position in 100 M Freestyle

- Inter collegiate Rope Mallakhamb Competition for women were organized by University of Mumbai at VPM's B. N. Bandodkar College of Science, Thane on 10th November, 2014. Ms. Vinaya Maphelkar (S.Y.B.Sc. Biotech) won Gold Medal in the same. She is also selected in Mumbai University Rope Mallakhamb team for all India Inter-University Competition to be held at M.P. Lakshmi B Ed University, Madhya Pradesh on 25th to 27th November 2014.
- Inter collegiate "Boxing Competition" for Men was organized by University of Mumbai at L. D. Sonawane College, Kayak, from 21st to 24th December, 2014 Mr. Piyush Mansinghani (F.Y.BAF) secured 8th position in 75 to 81 Kg Category
- Inter collegiate Athletics Competition for Men & Women were organized by University of Mumbai at University Ground, Churchgate, Mumbai on 15th & 16th November 2014.

Following are the achievements of our college students:

- Ms. Chitra Sinde secured 4th position in Javelin Throw.

- Ms. B. M. Shriranjini secured 7th position in Javelin Throw.
- Inter collegiate Kabaddi Tournament for Men were organized by University of Mumbai at Rajiv Gandhi College, Vashi, on 29th October 2014. Our college participated in the same and won first two rounds.
- Inter collegiate Kabaddi Tournament for Women were organized by University of Mumbai at Bhausaheb Nene College, Pen, Raigad District on 31st October, 2014. Our college team participated in the same.
- Inter collegiate Tug-of-War Tournament for Men were organized by University of Mumbai at Joshi-Bedekar College, Thane, on 14th August 2014. Our college participated in the same and won first two rounds.
- The Inter-Collegiate Football Tournaments for Men was organized by the University of Mumbai from 15/09/2014 onwards. Our college participated in the same and won first two rounds.

Inter-Collegiate Level

- Our college students participated in 'Freak' fest organized by Bhavna trust, Chembur. The competition was held on 21st to 24th December 2014. Mr. Mahesh Mishra (F.Y.BSc.) Won Gold and Mr. Vikas Jaiswal (S.Y.B.Com) Won Silver medal in Chess competition.
- Our college students participated in 'Enlaan' fest organized by S.I.W.S. College, Wadala. The competition was held on 22nd & 23rd January 2015. Mr. Pratap Arundhadi (T.Y.B.SC-I.T.) Won Silver medal in Chess competition.
- Our college students participated in 'Fantaices' fest organized by "S.I.E.S. College", Sion. The competition was held on 12th to 14th January 2015. Mr. Nishant Lingayat (S.Y.BMM) Won Silver medal in Chess competition.
- Our college Kabaddi team (Men) participated in 'Kabaddi Tournament' organized by CKT College, Panvel" in January 2015. Our college team finished on 8th position. In all 31 teams of various colleges across Mumbai participated in the tournament.

Annexure- VI
Additional Credit Program

He who would learn to fly one day must first learn to stand and walk and run and climb and dance; one cannot fly into flying. --Friedrich Nietzsche

In order that the best students, who wish to learn and engage in scholarly endeavours, have an opportunity to test their wings before they are ready to fly, we offer them the ACP program.

This year six students completed their ACP, having attended 50 hours of an Interdisciplinary module, 30 hours of social service and an individually carried out research project. Their presentations were evaluated by a panel of teachers and the best three presentation were given cash prizes.

Twenty two First year students enrolled for the next batch of this three module program that runs parallel to their degree program. Students were from the Information Technology, Computer Science, BSc Microbiology, and BA Psychology departments. The first module for them was held last April (2014). This year, enrolled students worked on their research projects. Research studies undertaken through ACP ranged from very technical topics of web designing and graphics to very social topics, like mental health in India, and relationship between achievements and personality. One student even explored the para psychology sphere.

Teaching faculty from various departments rendered their services for the smooth and successful conduct of ACP. This year almost all departments of the college joined the ACP program, by designing special 8 hour modules related to their subject domains to be offered as part as of the Interdisciplinary component.

We hope this year too, as we wish each year, we may have ignited a fire in our ACP participants for more knowledge and for contributing to the world in more meaningful ways.

Testimonials by ACP students

1. Kajal Wadhwa (TYBSc. IT)

“This whole programme was a tremendous experience for me. Overall i will rate it as an excellent credit programme, which has not only boosted my performance level but also has built my confidence level and communication skills. I am very thankful to all our respected teachers who provided me this golden opportunity to participate and to present myself in front of our respected and honorable judges.”

2. Rebecca D’souza (S.Y. Biotechnology)

“Additional Credit Program (A.C.P.) has been one of the most wholesome initiatives, which I have experienced. I have realized that the need of the hour is interdisciplinary research. This can be achieved only if we expand our horizons and think out of the box. Through A.C. P. I have been able to do just that. Being a part A.C.P. I have been able to broaden my perspective towards research and our society. The social service component of the program is one of its unique assets. It has sensitized me towards the underprivileged sections of our society. With this increased understanding I believe I will be making a better contribution towards the current needs of our society.”

Annexure- VII

1. CUBE (2014-15)

| Phase | Dates | Venue | No. of Participants |
|-------------------------------|--|--|--|
| CUBE Summer Phase II workshop | 23rd May 2014 8th June 2014 | Biotechnology department, additional Lab | 28 students participated from VESASC College, Royal College, Kirti College |
| CUBE Christmas Workshop | 26th December 2014 to 7th January 2014 | Biotechnology department, additional Lab | 26 students of biotechnology and microbiology from our college |
| CUBE Summer Workshop | 13th April 2015 to 22nd April 2015 | HBCSE, TIFR | 10 students of biotechnology and microbiology from our college |

2. Internships

| Sr No | Batch | Students Name | Topic | Company's Name | Technology Used |
|-------|---------|---------------|---------------------------------|----------------|-----------------------------|
| 1 | 2014-15 | J. Girish | Android App for Furniture Store | emSoft | Android Studio Software,XML |
| 2 | | A.Bhargav | Website | emSoft | Drupal |

IT Department:

Career Guidance seminars are delivered through Industry linkages

- CRP (Campus Recruitment Program) is conducted by seed-infotech every year and the students are get placed through priority-based interviews in the client companies of Seed Infotech. Familiar Client companies are listed as ATOS, AMDOCS, eclerx etc.
- Know-vention, one of the programming contests, an initiative of seed-infotech in association with University of Mumbai, fetches scholarship to the prize winning students and short-listed students for final round . Every year department encourages its students to participate in it. In the year 2014-15, 2 students were short-listed for final round of the same

- Scrabble game contest, one of the initiatives of i-gate, was conducted for all the students of University of Mumbai. In 2014-15, 2 students of the department were the finalists of the same.
- IT department of VES College has been enjoying CSR initiative of CMC Ltd.since 2011.Every year department provides the details of students who have 60% eligibility criteria and whose family income is less than or equal to 2 lakh. In 2014-15, department identified 19 students as such and forwarded the same to CMC authorities.
- The following table specifies the number of seminars and workshops happened through these informal external linkages.

Annexure- VIII

Women Development Cell

-Prof. Santhini Nair and Prof. Radhika Mohan (Convenor)

The women development cell is a mandatory body as per the requirements of the University of Mumbai and is constituted as per the guidelines provided by the University of Mumbai.

Sensitizing the students towards gender issues and working towards self-empowerment of girls were the major goals of the Women Development Cell in our College. Complaints related to harassment and sex-based discrimination, if any, were also addressed through



“There is no chance of the welfare of the world unless the condition of women is improved. It is not possible for a bird to fly on one wing”

- Swami Vivekananda

the cell. The cell implemented its regular Women Self-Empowerment program which was conducted by Dr. Upadhyay in association with an NGO ‘The Art of Independent Living’. The program consists of training sessions spread over 16 hours. These sessions included training in self-defense. The students of first and second year from Arts and Commerce faculties completed the program. All the students were given participation certificates.

The cell also had conducted four sessions of General Sensitization Program as a part of Life Long Learning for both boys and girls of second year Arts and Commerce students and final year Arts students.

The WDC of VES Institute of Management Studies & Research (VESIM) had organized a program “Creating an Inclusive Workplace” on 27th January, 2015. Prof. Santhini Nair and Prof. Geetanjali Harale along with 6 students from Banking and Insurance attended this full day session. The program gave an insight into the Work-life Balance of successful women both in the corporate as well as entrepreneurs. Some of the speakers included Ms. Falguni Nayar, Independent Director of Tata Motors and Ms. Madhumita Dasgupta of TCS-Retail CPG SAP. The highlight of the program was the special felicitation of Dadi Vaswani, Ex-Principal and Executive Secretary VES for her continuing dedicated services to VES.

Annexure-IX

International Symposium on “New Horizons in Chemistry

An International Symposium on “New Horizons in Chemistry” was organized by the department, on 8th and 9th December 2014. Prof. Pradeep Mathur, Director IIT, Indore was the Chief Guest and Dr. V.K. Jain Head, Chemistry Group, BARC , was the Guest of Honour at the inaugural function The Symposium had two Russian Scientists Elena S. Shubina and Prof. Vladimir I.Bregadze from A. N. Nesmeyanov Institute of Organo Element Compounds, Russian Academy of Sciences, Moscow and Prof. N Hosmane from Northern Illinois University (USA). Prof. Shubina spoke about transition metal hydrides and boron hydrides-their synthesis, properties and applications as hydrogenation catalyst and hydrogen storage. Prof. Bregadze gave the talk on “Carboranes”. He presented the applications of boron clusters in materials science and medicine especially Cobalt bis (dicarbollide) anion and its use in Boron Neutron Capture Therapy (BNCT) for Cancer.

Prof. N.Hosmane introduced the audience to the Nanotechnology-Driven Cancer Therapy. He emphasized the use of nanomaterial based boron drugs for neutron capture therapy. BNCT is a promising treatment for curing Cancer. Prof. A .V. Karnik, Head of the Department of Chemistry, University of Mumbai, Kalina gave a talk on Chiral Molecular Recognition and Dr. Rakesh Kumar Head, NEERI, introduced the audience to the topic of Indoor Air Pollution, its causes and remedies. 55 Research papers from various institutes were presented in the Symposium. Dr. S. K. Sarkar former director of Chemistry Group, BARC, was the Chief Guest for the valedictory function.

Under the guidance of Dr. Vasant D. Barhate as Convener, Dr. Mary Stephen as Secretary and the different committees under Mrs. Rita Ramsinghani, Mrs. Varsha Ahuja, Mrs. Parinita Madan, Dr. Ritika Makhijani, Mrs. Seema Borgave, Dr. Dinesh Navale and Dr. Pooja Jagasia, the symposium turned out to be a great success.