



SHIKSHANA PRASARAKA MANDALI'S

RAMNARAIN RUIA COLLEGE OF ARTS AND SCIENCE

MUMBAI 400 019

ANNUAL QUALITY ASSURANCE REPORT (AQAR)

SUBMITTED TO NAAC

2010-2011

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ANNUAL QUALITY ASSURANCE REPORT

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Part A:

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.

I. At the beginning of the academic year 2010-2011, following plan was chalked out by the IQAC towards quality enhancement:

1. To organize **Two Day International Bilingual Conference** on Fostering Learner and Teacher Autonomy in Educational Practices. Autonomie de l'enseignant et de l'apprenant: les langues et au-delà
2. To organize various academic research and capacity building activities.
3. To encourage faculty to participate in seminars and workshops to promote research culture.
4. To educate and create awareness about social responsibility by conducting events related with environment.
5. To conduct several seminars, workshops and industrial visits for students.
6. To motivate and facilitate the sportspersons to excel.
7. To introduce need-based certificate courses.
8. To promote research culture among students.
9. To motivate the students to excel in co-curricular activities.
10. To encourage participation in seminars and training programmes at international level.

II. Outcome by the end of the year:

During the year, the plan chalked out by the IQAC was reviewed and implemented resulting into the following outcome by the end of the year:

- 66 Teachers attended Local/National/International seminars/workshops/conferences at the National/International level.
- 54 Research papers were published in National/International Journals.
- 14 Teachers have registered as well as are pursuing Ph.D.
- 26 Teachers were invited as speakers for workshops/conferences/seminars.
- 15 Teachers are registered with Ph.D. Guide Status.
- 19 Events/Festivals were conducted by various department of the college.
- 9 certificate courses were conducted.
- More than 15 community/outreach activities were conducted during the year.

1. Ramnarain Ruia College has been selected by UGC, New Delhi, as the **‘College with Potential for Excellence’**.
2. **Intercollegiate Championship in Cultural Activities** at the University of Mumbai is also bagged by our college for the sixth year in a row.
3. The college magazine **‘Ruiate’** won the best magazine award for the consecutive fifth year.
4. Department of French, Ramnarain Ruia College, organized **Two Day International Bilingual Conference on ‘Fostering Learner and Teacher Autonomy in Educational Practices. Autonomie de l’enseignant et de l’apprenant: les langues et au-delà’** in collaboration with University of Turku, Finland, University of Charles de Gaulle, France & AGRAF- international research group.
5. Dr. Sunita Shailajan, Reader in Botany presented various papers in International Conferences on Herbal Medicines and their Standardization processes in places like Switzerland, Malaysia, Italy.
6. Dr. Jyoti D Vora, Reader in Biochemistry presented a paper titled ‘An Assessment Of Perspectives And Attitudes Towards Science Education: A Study On Urban Indian Females in Bijapur ‘ at First National Women’s Science Congress and also at Third World Organization for Woman in Science, China – 2010
7. Dr. Suhas Pednekar, Principal, Ramanrain Ruia College, presented various papers in International Conferences at Vienna, Malaysia, Rajkot.
8. Dr. P.A.Sathe, Reader in Chemistry and Dr. Sunita Shailajan published 10 research papers each in various journals of repute. Dr. Suhas Pednekar, Dr. Mapari, Dr. Vidya Dighe all from Chemistry department and Mr. Abhijeet Gole from Computer Science department published research papers in various journals.
9. Mr. Mrudul Nile, Lecturer in Political Science department visited United States of America between 4th January -15th February 2011, under the Fulbright and Hydes Act programme for training in National Security Policy Making, Sponsored by the State Department, Government of United States of America. The course was conducted by the University of Delaware, USA. Mrudul Nile was the only one Participant from India out of 18 participants selected from all over the world. During the training he has visited UN Head Quarters, The Pentagon, Army War College, Navy War College and some of the leading Think Tanks in USA.
10. Mr. Mrudul Nile, Lecturer in Political Science department chaired the session at the National Seminar, sponsored by UGC on “India’s Energy Mix: The Next Trajectory (Path) of Development” at Nagindas Khandwala College on 12th 13th March 2010.

11. SUO Kunal Shinde attended Special NIC Camp held at Nagaland and Cdt Sujay Barhate attended NIC Camp held at Tamilnadu and also attended the Pre RDC Camp held at CAT-I respectively.
12. The NSS unit of Ruia College had organized a two day workshop for Disaster Management to create awareness amongst their students.

Part B:

1. Activities reflecting the goals and objectives of the institution:

- a) The Department of English, jointly with the Department of Marathi, organised a Seminar on the 25th of September, 2010. The theme of the seminar was 'The Literary Genius of Vinda and Chitre: a Tribute' The keynote address was delivered by Dr. Vijaya Rajadhyaksha. Our guest speakers were Shri. Satish Kalsekar, Prof. Meena Gokhale [former Head, Department of Marathi, Ruia College] and Shri. Shripad Samant [Faculty, Mithibai College].
- b) 'Avenues' a biannual event on careers and opportunities in different fields was organized by the Career Guidance Cell of the college.
- c) The Fine Arts Society of the college organized 'Srujan', an event which gives opportunity to all the students to enhance their artistic talents.
- d) Centre for Slum Studies had organized several lecture sessions on slum issues by eminent persons in the field that facilitated our students with pertinent guidance on their course work.
- e) Students participated in the social activity for Awareness for "Don't Drink While Driving" on highways. Several field visits were organized to make students aware of different types of slums.
- f) Regular sessions of paper bag making are arranged and around 80 bags have been made till dates which are used by the volunteers for various purposes.
- g) Ruia NSS unit conducted 'Malaria Awareness' programme on 13th September 2010 in association with the BMC. The vermin compost set up of Ruia NSS unit was done on 18th and 25th September, 2010. NSS unit of Ruia college also held blood donation camp which collected
- h) The communication workshop 'English Usage and Conversation' was held in the college in December, 2010 conducted by Indo American Society.

2. New academic programmes initiated (UG and PG):

- Dr. Sunita Shailajan conducted a short training course in ‘Preparation and Standardization of ASU Formulations’ for M.Sc. Bioanalytical Sciences.
- Dr. Sunita Shailajan conducted a short training course for UG, PG students and Teachers in Bioanalytical techniques.
- Dr. Jyoti Vora along wither colleagues conducted various courses for FY, SY, TY and M.Sc. students on Food Preservation, Sensory Evaluation, Frontiers in Biochemistry, Food Packaging, Good Manufacturing Practices.
- Mrs. Leena Phadke, & Dr Shruti Hazare conducted Certificate courses in Molecular Biology for UG students
- Indian Institute for Research in Numismatics Studies held a one day course on Studies in Numismatics for UG arts students.

Certificate courses conducted UG and PG:

S. No.	Class	Title of the Programme	Duration	Fees charged (Amount Rs.)	Conducted by
1	UG, PG and Teachers	Short training course in Bioanalytical techniques	7 days	3500/student	Dr. Sunita Shailajan
2	M. Sc. Bioanalytical Sciences	Preparation and Standardization of ASU Formulations	4 days	600/student	Dr. Sunita Shailajan
3	FYBSc, SYBSc, TYBSc, MSc I, MSc II and Industry personnel	Sensory Evaluation Food Preservation Frontiers in Biochemistry Food Packaging Good Manufacturing Practices	15 hours 50 hours 30 hours 25 Hours 25 Hours	Rs. 1500/- Rs. 2000/- Rs. 1500/- Rs. 2000/- Rs. 2000/-	Dr. Jyoti Vora, Dr. Dipak Vora (Resource Person) Mr. P. M. Masali, Mrs. Mona Desai, Ms. Vidhi Shah, Ms. Rini Ravindran
4	F.Y, S.Y., T.Y.B.A.	Studies in Numismatics	One Day	150/-	Indian Institute for Research in Numismatics Studies
5	UG students	Certificate courses in Molecular Biology	6 weeks	Rs.3100/-	Mrs. L. Phadke, & Dr S. Hazare

3. Innovations in curricular design and transaction:

As the college is affiliated to the University of Mumbai, the curriculum and the examination pattern is designed by them and the college has to follow the same.

Our faculty members are representatives/members of the syllabus framing committee or Chairpersons of the Board of Studies at the University. These teachers suggest changes and innovations in the syllabus. Other faculty members pass on their suggestions through the respective Board of Studies.

Syllabus for F.Y.B.A.(History) changed from 2010-11. Paper I Option A Socio- Economic and Cultural History of Mumbai 1830-1985 was introduced.

S. No.	Name of the Faculty	Department	BOS in (Subject) Duration of Board	Chairman /Member / Elected / Co-opted /	University
1.	Dr. Jyoti D. Vora	Biochemistry & Food Science and Quality Control	Nutrition and Dietetics	Member	SNDT University,
2.	Dr.Behnaz B Patel	Botany	Botany (2010-2015)	Member, elected	Mumbai
3.	Dr.V.V.Vaidya	Chemistry	Chemistry (2010-15)	Co-opted	Mumbai
4.	Dr. Phadke Ravindra P.	Microbiology	Microbiology	Elected Member	Mumbai
5.	Dr. Urmila Moon	Commerce	B.A.(Commerce)	Member	Mumbai
6.	Dr. Manjusha Gokhale	Sanskrit	Sanskrit upto Aug.2010	Chairperson	Mumbai

4. Inter-disciplinary programmes started:

- Department of Psychology conducted five courses for the undergraduate students of the college.
- Dr. Sunita Shailajan conducted courses for M.Sc. students.

S. No.	Class	Title of the Programme	Duration	Fees charged (Amount Rs.)	Conducted by
1.	UG, PG and Teachers	Short training course in Bioanalytical techniques	7 days	3500/student	Dr. Sunita Shailajan
2.	M. Sc. Bioanalytical Sciences	Preparation and Standardization of ASU Formulations	4 days	600/student	Dr. Sunita Shailajan
3.	FYBSc, SYBSc, TYBSc, MSc I, MSc II and Industry personnel	Sensory Evaluation	15 hours	Rs. 1500/-	Dr. Jyoti D Vora, Dr. Dipak Vora (Resource Person) Mr. Prashant M Masali, Mrs. Mona A Desai, Ms. Vidhi Shah, Ms. Rini Ravindran
		Food Preservation	50 hours	Rs. 2000/-	
		Frontiers in Biochemistry	30 hours	Rs. 1500/-	
		Food Packaging	25Hours	Rs. 2000/-	
		Good Manufacturing Practices	25Hours	Rs.2000/-	
4.	UG	Neuropsychology	6 months	Rs. 4000	Ruia College Faculty of Dept of Psychology
5.	UG	Child Psychology	6 months	Rs.4000	Ruia College Faculty of Dept of Psychology
6.	UG	Marital Therapy	6 months	Rs. 4000	Ruia College Faculty of Dept of Psychology
7.	UG	Rational Emotive Therapy	1 month	Rs.4000	Ruia College Faculty of Dept of Psychology
8.	UG	Hypno Therapy	1 month	Rs.4000	Ruia College Faculty of Dept of Psychology

5. Examination reforms implemented:

- First year and Second year examinations are conducted by the College on behalf of the University. Third year examinations are conducted by the University.
- Periodical tests/Preliminary examinations are conducted by the respective departments.
- There is also a system to conduct the additional and ATKT examination, the results of which are declared on time.
- Additional examination is also conducted for the students on Medical grounds or for sports and NCC cadets.

6. Candidates qualified: NET/SLET/GATE etc.

S.No.	Year	Exam	Faculty Name	Subject	Teacher / Student
1	2010-11	NET	Mr. Aditya Sarnaik	Life Sciences	Teacher
2	2010-11	NET	Ms Smita Patil	Life Sciences	Student
3	2010-11	NET	Mr. Swapnil Shinde	Life Sciences	Student
4	2010-11	NET	Mr. Mukul Godbole	Life Sciences	Student

Candidates with GRE/Gmat/TOEFEL(UGC-CSIR-NET,SLET,GATE, CAT, GRE,TOFEL, GMAT, Civil Services- IAS,IPS,IFS, Central/State services etc.)

S.No.	Year	Exam	Student's Name	Subject
1	2010	GATE	Mr. Fidal kumar V.T.	Biotechnology
2	2010	GATE	Ms. Girija Balan	Biotechnology
3	2010	TOEFEL	Ms. Hiral Zaveri	English
4	2011	UPSC	Abhishekh Tharwal	History

7. Initiative towards Faculty Development Programme:

S.No.	Name of the Faculty	Duration	Purpose
1.	Mrs. Louiza Rodrigues	2 Years June 2009 – June 2011	Doctoral Research
2.	Mrs. Aditi Abhyankar	2 Years June 2009 – June 2011	Doctoral Research
3.	Mr. A.K.Mapari	2 Years June 2009 – June 2011	Doctoral Research

The following staff members successfully completed their training programmes as under:

S.No.	Name of Faculty	Department	Title of the seminar/training	Local / State / National / International	Location / Date	Duration	Sponsoring Agency
1.	Bhupesh M. Mude	Physics	Refresher Course	State	Nagpur university	21 days	UGC
2.	Bhupesh M. Mude	Physics	Orientation course	State	Mumbai University	21 days	UGC
3.	Sucheta Ketkar	Statistics	Refresher Course	National	Sri Venkateswara University	21 days	UGC
4.	Dr. M. S. Hate	Chemistry	Orientation Programme	National	04/10/10 to 30/10/10	26 days	UGC

**8. Total Number of Workshops/ seminars conducted:
(Annexure 1 and Annexure 2)**

- 24 seminars/workshops were conducted along with 6 Annual/ Memorial Lecture Seminars, Seminars/Workshops are also a part of events/festivals conducted by the departments. 19 Events/Festivals were conducted by various department of the college.
- Department of Mathematics conducted workshop on '**Shapes and Mathematical Models**' for first and second year students of the college from 22nd to 27th March. It also took initiative and arranged for **Mini MTTS workshop** in the college for the benefit of mathematics students in Mumbai region. The activity was funded by **NBHM** (National Board of Higher Mathematics).
- Ruia College in Collaboration with Bombay Mathematical Colloquium arranged Memorial lecture '**Playing with dice**' in the memory of M. Huzurbazar Prof. Vivek Borkar (TIFR-Mumbai) delivered the lecture.
- The Fine Arts Society organized an intracollegiate competition in Drawing, Clay Modeling, Collage. Two workshops were then organized by Fine Arts in 'Digital Arts' and 'Creative Photography'.

9. Research Projects:

a) Newly Implemented:

1. As a Principal Investigator Major Research project entitled “Development of HPLC methods for some known phytochemical markers in medicinal plants and their validation as per ICH guidelines with Bioavailability studies” has been submitted to NMPB.
2. As a Principal Investigator Major Research project entitled “Development of a Standardized Formulation of Polyherbal Extracts as a Bioavailable Source of β -Sitosterol for Therapeutic use” has been submitted to DST.
3. As a Principal Investigator Major Research project entitled “Chemobiological profiling, molecular characterization and conservation of *Prunus nepaulensis*, *Solanum khasianum* and *Flemingia vestita*: Endemic medicinally important plants of Northeast India.” has been submitted to DBT.

b) Completed:

1. Dr. Sunita Shailajan, as a Principal Investigator Major Research project entitled “Development of HPLC methods for some known phytochemical markers in medicinal plants and their validation as per ICH guidelines (Rs. 24, 00, 000)” sanctioned by NMPB (AYUSH) was completed in 2011.
2. Dr. Sunita Shailajan, as a Principal Investigator Major Research project entitled “Standardization of a Polyherbal Formulation for Use in the Management of menopausal Symptoms (Rs.10, 16, 200)” sanctioned by UGC was completed in 2011.
3. Dr. Pratap G. Patil; 1. Minor Research Project of 1, 21,000/- has been sanctioned by the U.G.C. for further research work for 2009-2010 and 2010-2011.

c) Ongoing Research Projects:

1. Dr. Behnaz B Patel, Dr. Jessy Pius, Dr. Bhavna Narula, Dr. Sunil Shankhadarwar :
Effects of Ionizing Radiations on Non-Human Biota (Plants) It involves studying the effects of Ionizing Radiations on Plants from different Ecological Locations.
2. Dr. Vidya Dighe
Received a major UGC, New Delhi research proposal of 9,50,800 from UGC (File No39-815/2010) on standardization of rasayana plants with potential immunomodulatory activity.

3. Dr. Suhas Pednekar, Principal Investigator with Dr. Dipak Vora as Co-Investigator received Rs. 5,44,800/- grant from UGC, New Delhi for “ Green Chemistry approach to the synthesis of medicinally promising compounds” which started on 1st February, 2010

Details of the Research Projects with duration and Grants received:

Sr. No.	Name of the Faculty	Title of Project	Amount & Duration	Start Date	End Date	Funding Agency
Major Projects						
1	Dr. Behnaz Patel, Dr. Jessy Pius, Dr Bhavna Narula, Dr Sunil Shankhadarwar	Effects of Ionizing Radiations on Non-Human Biota (Plants)	Rs. 26 lakhs – 3 years	2009		DAE-BARC
2.	Dr. Sunita Shailajan	Development of a polyherbal combination as a potential immunomodulator and evaluation of its efficacy as antimycobacterial agents. (Principal Investigator)	Rs. 18,65,500/-	2010	2013	Board of Research in Nuclear Sciences (BRNS), Department of Atomic Energy
3	Dr. Sunita Shailajan	Development of HPLC methods for some known phytochemical markers in medicinal plants and their validation as per ICH guidelines. (Principal Investigator)	Rs. 24,00,000	2009	2011	National Medicinal Plants Board – Department of AYUSH, Government of India
4	Dr. Sunita Shailajan	Standardization of a Polyherbal Formulation for Use in the Management of menopausal Symptoms. (Principal Investigator)	Rs.10,16,200	2009	2011	University Grants Commission
5.	Dr. Vidya Dighe	standardization of rasayana plants with potential immunomodulatory activity	3 yrs 9,50,800	Feb 2011	Feb2014	UGC, New Delhi
6.	Mrs. Sheela Nabar	<i>"Patterns of Communal Violence and Terrorism: A Case Study of Mumbai (1947-2009)"</i>	335200	2009		UGC, New Delhi
7.	Mrs. Rohini	"The prevalence, diagnosis	702000			UGC, New

	Shivbalan	and management of neurological diseases in adult population				Delhi
8.	(Dr.)Mrs.Vidya Dighe	"Standardization of medicinal plants using modern analytical techniques and evaluation of their potential immunomodulatory activity	639300			UGC, New Delhi
6.	Dr. Louiza Rodrigues	The Genealogy of the Seth/Sethna Khandan: 1930 - 2010	16 to 20 lakhs , 2 years	23 November 2010	22November 2011	F H B Settna Trust, Mumbai
7	Dr. Phadke R.P.	"Development of RIA for VEGF using recombinant protein and monoclonal antibodies" with RMC of BARC, Parel	Rs15.7 lacks, 3years	21.11.2007	31.10.2010	DAE
8	Dr. Suhas Pednekar, Principal Investigator Dr. Dipak Vora (Co investigator)	Green Chemistry approach to synthesis of medically important compounds	5.44 Lacs 2 years	1 st February 2010	December 2012	UGC
Minor Projects						
1	Pradeep Waghmare	Contribution of Anna Bhau Sathe to Indian Labour Movement	12000/- & 2011 to 2012	1 st April 2011	31 st March 2012	Asiatic Society of Mumbai.

Research Projects carried out by students:

Sr. No.	Name of the Student & Guide	Title of Project	Amount & Duration	Start Date	End Date	Funding Agency
Major Projects						
1	Ms Neelam Sayed & Dr. Sunita Shailajan	Development of HPLC methods for some known phytochemical markers in medicinal plants and their validation as per ICH guidelines	24,00,000 for 2 years	2009	2011	NMPB
2	Nabila Kachi (guide Dr R Phadke)	Evolutionary adaptation of Pitichia for high alcohol tolerance	Rs10000/- and a 6 month fellowship & contingency	Aug 2010	Dec2011	DBT through ICT, Mumbai

			Rs10000/-			
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10. New collaborative research programs:

The following departments have collaborative research programmes:

S. No.	Department	Linkage with	Purpose	Outcome
1	Botany	Agharkar Research Institute, Pune	Submission of Research proposal to DST	Project Submitted
2	Botany	Lab India, Mumbai	Submission of Research proposal to DST	Project Submitted
3	Physics	Physics Department, Mumbai University	Characterisation of several Nano-films	UV, AFM of all nano film was executed.
4	Physics	Physics Department, Arts, Science and commerce College, Nandgaon	Preparation of Nano-films	1. Fourteen Nano-films by spray pyrolysis method. 2. Gas sensing performance of three nanofilms.
5	Physics	ALCON Analytical, Mumbai.	Characterisation of Nano-films	1.EDAX and SEM of fourteen nano-films. 2.Paper of ZrO ₂ has been sent for international conference which wil be held in New Zealand in Nov.-2011.
6	Physics	Physics Department, Mumbai University	To get an insight into the technology of Nano particles and study of the working of the instrument like a. Photoluminescence spectrometer. b. UV-NIR-Visible spectrometer. c. Digital light scattering spectrometer.	1. Gold and silver nano particle were successfully prepared. 2. Characterization of gold and silver nano particle.
7	Physics	Physics Department, Mumbai University	Magnetic and Optical Properties of Manganese Ion Implanted Gallium Nitride and their effects on Silicon Ion Irradiation	Paper has been accepted in Proc. American Institute of Physics (AIP)
8	Physics	Physics Dept., Mumbai University	Microstructure, magnetic and morphological studies of Mn ions implanted GaN	Nuclear. Inst. Of Meth. In Phys. Res. B, (online process).

9	Physics	Physics Dept., Mumbai University	Enhanced FM properties of (GaMn)N by Silicon ion Irradiation	Journal Of Appl. Phys. (online process).
10	Physics	Bhabha Atomic research Center, Mumbai	Magnetic and Microstructural studies on Mn doped GaN	Poster presentation in International symposium on Materials chemistry (ISM- 2010)
11	Microbiology	Piramal Health Car Ltd.	Antibacterial efficacy of soaps	Validation and standardization completed
12	Microbiology	Hindustan Unilever Ltd.	Evaluation of Disinfectants	Completed and Report submitted
13	Microbiology	Unilever Thailand	Comparative Studies on antibacterial activity of Fabric Conditioners	Completed and Report submitted
14	Microbiology	Unilever Industries Singapore	Evaluation of Detergent and softener Formulations	Completed and Report submitted
15	Microbiology	DBT-UICT Centre of Energy Biosciences Institute of Chemical Technology, Matunga, Mumbai 400 019	1. A collaborative project on brackish water algal biodiversity & biotechnology 2. Project for PG student of 6 months duration and contingency	7 new brackish water algal cultures isolated by students and Pitichia culture adapted to 6% alcohol handed over to ICT for cultivation scale up and fermentation respectively
16	Microbiology	Prof (Dr) (Mrs)D Deobagkar, Dept of Zoology, University of Pune	Metagenomic studies from various natural samples from extreme environment	Project is in early stages and expected outcome will be information on novel organisms as well as enzymes of extreme environment

11. Research grants received from various agencies:

Total research grants received from various agencies is Rs. 2,02,81,882

12. Details of research scholars:

Faculty with Ph.D. : 38 **Annexure 3**

Faculty Pursuing Ph.D. : 14 **Annexure 3 (a)**

13. Honors/ Awards to the faculty:

a) Dr.Sunita Shailajan

1. Invited as a guest speaker at an Interventional Hepatology Conference “Updates on interventional procedures under Sonographic guidance in Hepatobiliary diseases” at Ravello, Amalfi Coast, Italy, on 27th-30th May, 2010. It was sponsored by UGC under the travel grant scheme for University Teachers.
2. Appointed as a Reviewer of Journal of Ethnopharmacology since 2010 and have reviewed 13 research papers till date. Selected as Top Reviewer in February 2011 by the Journal of Ethnopharmacology for reviewing maximum International papers in 2010.
3. Invited as a member of International organizing committee by the Society of Ethnopharmacology for 12th International Congress entitled “Traditional Medicines and Globalization - The Future of Ancient Systems of Medicine” to be held in Kolkata on 17th- 19th February, 2012.

b) Mr. Mrudul Nile:

1. Mrudul Nile, Lecturer in Political Science department, Visited United States of America between 4th January -15th February 2011, under the Fulbright and Hydes Act programme for training in National Security Policy Making, Sponsored by the State Department, Government of United States of America. The course was conducted by the University of Delaware, USA. Mrudul Nile was the only one Participant from India out of 18 participants selected from all over the world.
2. Appointed as Ad-hoc Director of the Student’s Welfare Department, University of Mumbai.

14. Internal resources generated:

Internal resources are generated through donations given by our well-wishers and Alumni Association. The college also generate resources from consultancies provided by our staff.

The broad areas of consultancy services provided

S. No.	Name of the Faculty	Area of Consultancy	Duration From To	Organization assisted	Resources generated (Amount Rs.)
1	Dr. Sunita Shailajan	Quality control of ASU and herbal drugs/formulation	2007-till date	Millennium Herbal Care, Ajanta Pharma, Dhootpapeshwar, Praj Matrix. Vaidyas, Hakeems, Teachers from Mumbai and Other parts of India, Small Scale Industry Entrepreneurs and students from different colleges of Mumbai University, Saurashtra University, M. S. University and University of Pune	50,000/Year
2	Dr Dipak Vora	Microbiology	1987 onwards	Hindustan Lever, Cipla, Uni Lever, Ranbaxy, Marico	Approximately Rs.6 laks / year

15. Details of departments getting SAP, COSIST(ASSIST)/DST.FIST, etc

Sr.No	Particulars	Grant Received
1	UGC FIP Scheme Xth Plan (Salary)	11,89,297
2	UGC FIP Contingency Grant & Exp	85,500
3	Department of Atomic Energy (DAE)	1,78,100
4	UGC PG DIPLOMA IN SLUM STUDIES	6,56,017
5	BARC (Department .of Botany)	5,00,000
6	NMPB AYUSH PROJECT	10,00,000
7	UGC National Seminar in Zoology	25,000
8	UGC INFRASTRUCTURE GRANT NAAC ACCREDITED	10,00,000
9	International French Seminar	14,72,946
9(a)	UGC French International Seminar	1,05,000
10	DAE (BRNS) (Mrs.Sunita Shailajan)	5,86,525
11	UGC TRAVEL GRANT (Mrs.Sunita Shailajan)	1,32,866
12	UGC TRAVEL GRANT (Mr.Suhas Pednekar)	1,00,631
13	UGC XI th Plan (Additional Assistance to college covered under sec 12B of UGC)	22,50,000
14	CPE-International year of Chemistry 2010-11	1,00,000
15	COLLEGE WITH POTENTIAL FOR EXCELLENCE (CPE)	50,00,000
16	CPE for science department (Rs.5 Lacks each dept)(BSR)	60,00,000
	Total	2,02,81,882

16. Community services:

1. Ruia NCC Cadets took active participation in various social activities, which are as follows :-
 - A. They participated in the social activity for Awareness for “Don’t Drink While Driving” on highways.
 - B. Cadets helped the local police and management in assisting Ganpati Visarjan and also helped in cleaning the beaches after Ganpati visarjan.
 - C. Our NCC Cadets also donated blood to the needy in various hospitals like KEM hospital and Lokmanya Tilak hospital at Sion.
2. Ruia NSS unit had the programmes throughout the year on the following themes:
 - A. ENVIRONMENT: It had various seminars conducted on Vermi compost, paper bag making, Malaria awareness programme.
 - B. DISASTER MANAGEMENT : Ruia NSS unit helped Mumbai Police in crowd controlling on Aashadhi Ekadashi and on Ganesh Visarjan days. It also conducted workshops on disaster management.
 - C. YUVAK BIRADARI: The NSS unit had programs like Yuvak Biradari Rally 2010, UDAAN – Sadi ki Pukar..., Shanti karvan, Tree Plantation, Consumer Guidance Seminar.
 - D. SELF VISION CENTRE : NSS Volunteers helped visually challenged students by reading books, writing their exam papers, recording their notes, etc.
 - E. EDUCATION : An appeal was made to the college students to donate books of academic and non-academic relevance also this donation was further extended to donating stationary like pens, pencils, colours etc. These books and stationary material will be donated to the children in Adivasi padas. In ‘Padmabhushan Tarabai Modak School’ volunteers took Special training classes for students appearing for Middle School Scholarship examination.
 - F. RED RIBBON CLUB : MDACS had organized camp in which a lecture was conducted on psychological challenges faced by a person after HIV / AIDS diagnose stigma. The speaker told the importance of psychological and social support to HIV infected people.
 - G. Ruia NSS unit conducted AIDS Awareness Program.
 - H. Ruia NSS unit was invited by the KEM HOSPITAL on 8th Sept 2010. The doctors gave important information to the students regarding the Blood Bank.
 - I. Mumbai District Aids Control Society- International Youth Day (Yuva Jagar-2010) was held on 12th August 2010 at Prabodhankar Thakre Ground in Sewri. NSS units from all over the city had participated. Event was all about spreading awareness about AIDS in today’s youth. MDACS had

conducted many programs like Folk Dance, Western Dance, Group singing, Poster making etc.

Ruia NSS unit bagged the FIRST prize in Western Dance category.

- J. Ruia NSS unit conducted the blood donation camp in association with KEM Hospital. The Thalesemia Camp was also conducted. NSS collected 132 blood bottles which was sent to KEM Hospital.
- K. A number of volunteers gathered for the seminar on Andha Shraddha given by the Andha Shraddha Nirmulan Samiti members. The seminar incorporated the real truth in the minds of the youths and causes & solutions to the Blind Faith.
- L. Ruia NSS unit participated in a tree plantation programme was held at Kalina University on the eve of 154th anniversary of Mumbai University on 18th July 2010.
- M. The Unit undertook the project of selling rakhis made by mentally challenged children of the k. k. Institute, Malad. A total amount of Rs.1800 was collected and Rs. 317 to NAB in the month of Aug.2010

17. Teachers and officers newly recruited:

- 3 Lecturers were appointed on probation
- 27 Lecturers on temporary and 3 Lecturers were appointed on CHB basis.
- 19 lecturers were appointed by the Management.

18. Teaching-Non-Teaching staff ratio: 1 : 1.15

	Aided	Unaided	Total
No. of Teachers			
Permanent	69	--	69
Temporary/CHB/Ad-hoc	--	30	30
Total			99
No. of Non-teaching staff			
Permanent	95	--	95
Temporary	--	19	19
Total			114

19. Improvements in the library services:

a) **Memberships:** Ruia Library possesses Institutional Membership of Asiatic Library, American Library and British Council Library. It is also registered as the member of INFLIBNET ‘N-LIST’ project under which the Library provides to all Teaching Staff and Post Graduate students free access to more than 50000 e-resources including variety of e-journals & e-books. The Staff and students of college can avail this facility and access the collection of these renowned libraries & databases as well.

b) **Book Bank Scheme:** No. of students and No. of books issued given below -

Book Bank Scheme:

No. of Students	31
No. of Books issued	116

c) **Addition to the Collection**

	Number	Purchase Amount Rs.
Books	1745	655,434.00
Periodicals	118	108,702.00

d) **Book Exhibition:**

The total collection of Ruia library is nearing 1.25 lakh books. With such an extensive and varied collection, there is always a chance of many good books remaining unnoticed by the users. As a step, Ruia Library arranged a four-day ‘In-house Book Exhibition’ for the ARTS and SCIENCE students in 2010 at the venue of its Reference section. Variety of books was chosen from 24 different subjects. Nearly 500 such uncommon books were displayed openly for everyone. Many members of Staff complemented the event with their presence. This Book Exhibition was received with the warm and enthusiastic welcome especially by students.

e) **Total Collection of the Library -**

Books	122040
Periodicals	118
Back Volumes	6263
CDs	148
Maps	25
Newspapers	9

f) **External Membership: No. of Members and revenue generated:**

- No revenue is charged for the external membership.
- A total number of 224 books were issued for 15 members.
- For number of members : (**Annexure 5**)

g) **Departmental Library:**

Sr No	Particulars	Botany	Physics	Computer Science	Microbiology	French	History	Sanskrit	Philosophy
1.	Books	90	500	1745	27	30	75	550	160
2.	Journals	-		32	-	2	-	-	-
3.	CDs	-		NA	-	14	-	-	-
4.	Any other	-		NA	-	08	-	-	-

h) **Research Journals subscribed**

S.No.	Department	Title of the Journal	Subscription Period (From – to)
1	Botany	Cytologia	2010-11
2	Botany	Science Direct Journals	2010-till date
3	Commerce	Advertising Express (ICFAI)	2007 till date
4	Commerce	Human Resources Development (ICFAI)	2007 till date
5	Commerce	Marketing Mastermind (ICFAI)	2007 till date

20. New books/ journals subscribed and their value:

	Number	Purchase Amount Rs.
Books	1745	655,434.00
Periodicals	118	108,702.00

21. Courses in which students assessment of teachers is introduced and the action taken on student feedback:

Feedback is taken from all the students and the assessment report is given to the teachers.

Teachers then evaluate this feedback and take appropriate action.

22. Unit cost of education:

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

(a) Including the salary= Rs. 31012/-

(b) Excluding the salary = Rs.1,749/-

23. Computerization of administration and the process of admissions and examination results, issue of certificates:

The Computerization process in Library and General Office is complete. Admission, Examination Results, Accounts, Salary payments, etc. are all computerized.

24. Increase in the infrastructural facilities:

Under the basic grant received from UGC for the science departments laboratories in Life science, Botany, Zoology were renovated. Departments of Statistics, Mathematics and Chemistry added new computer laboratories for the usage of the students and staff. The internet access is also given to all the departments and their laboratories.

**25. Technology upgradation:
New Instruments and Equipments added**

Calcium & Lithium Filters for flame photometer	Biochemistry	1 No. each	17000/- (8500/- each)
Autoclave	Biochemistry	01	47739/-
Distillation unit	Biochemistry	01	7000/-
Conductivity meter	Biochemistry	01	6200/-
Power Supply 0-12V 1 Amp	Physics	10	10000/-+VAT
Stop watch LED display	Physics	10	12000/-+VAT
Aplab multi signal generator	Physics	02	15000/-+VAT
5V DC power supply	Physics	10	6000/-+VAT
Electronic Digital Balance Accuracy 10mg capacity 200gm	Physics	01	6000/-+VAT
Aplab 20MHz Dual Trace CRO 33058	Physics	02	39000/-+VAT
Aplab 20MHz Dual Trace CRO 33058	Physics	01	19500/-+VAT
Aplab multi signal generator	Physics	02	15000/-+VAT
Servo voltage stabilizer	Microbiology	1	17450
Neolab orbital shaker	Microbiology	1	23233
Laminar airflow	Microbiology	1	86062
Microfil cabinet laminar	Microbiology	1	137700
IMarkMicroplate Reader	Microbiology	1	220696
Thermal Cycler	Microbiology	1	278985
Verticle Autoclave	Microbiology	1	47739
Digital Colrimeter	Microbiology	3	26798
Digital Balance	Microbiology	1	20250
Refridgerator	Microbiology	1	21375
Nano photometer	Microbiology	1	281208
Analytical balance (NMPB)	Herbal Science	1	75,000

26. Computer and internet access and training to teachers and students:

Computers and internet connection is given to all the departments. One day workshop on ‘Training on Moodle software’ was organized by the college. The training was given by C-DAC experts to all the teachers.

27. Financial aid to students:

Students with weaker financial background are given financial aid under 'Each one Adopt one' scheme.

- Rs. 4,78,890/- was provided as scholarship to students. The break-up is as follows:
 - Each One Adopt One Scheme: Rs. 3,35,000.
 - Sport Scholarship: Rs. 1,43,890/-

28. Activities and support from the Alumni Association:

- a) The RCAA had contributed Rs. 5.0 lakhs towards the construction of the Alumni Hall.
- b) The medical camp was conducted successfully, for 2 days, on the 23rd, 24th November, 2010, again under the initiative of Dr. Mukund Joshi and his brother Dr. Krishna Joshi.
- c) The most prestigious event of the RCAA, the "Jewel of Ruia- 2010, was conducted on the 22nd January, 2011. This year's awardees were, Dr. Mukund Joshi, the eminent radiologist, and Mr. Ajit Wadekar, former captain of the Indian Cricket team.

29. Activities and support from the Parent-Teacher Association:

- a) The parents meet the faculty both formally and informally. A number of parents have been the alumni of the college and give suggestion for improvement. Parent - Teacher interaction is encouraged. Meetings with Parents particularly of TY and PG students is addressed by the Principal, Vice-Principal and Head of the Department to motivate the students to put in sustained efforts to improve their academic performance.
- b) Meetings are also held with parents of students seeking admission to T.Y. classes. This helps the students to make an informed choice regarding subject specialization.
- c) Heads of the Departments have interacted regularly with parents of students who have been irregular in attending lectures.

30. Health services:

- a) The college has state of art gymnasium for the use of staff and students to improve theirfitness.
- b) Badminton hall and International standard shooting range also help staff and students to keep fit.
- c) Ruia NSS unit conducted the blood donation camp in association with KEM Hospital. NSS collected 132 blood bottles which was sent to KEM Hospital
- d) The Thalassemia Camp was also conducted.

31. Performance in sports activities:

The college secured a second place in the overall sports activities of the Mumbai University.

The following are the highlights:

- a) Men Swimming Team won the General Championship in Inter Collegiate Swimming Competition organized by University of Mumbai.
- b) Men Team Secured Third Place. In Inter Collegiate Water Polo tournament organized by University of Mumbai.
- c) Women's team. won the team Championship in Inter Collegiate Badminton tournament. organized by University of Mumbai.
- d) Men Team won the General Championship in Inter Collegiate Boxing tournament organized by University of Mumbai.
- e) Won the Gold Medal in Inter Collegiate Boxing tournament organized by University of Mumbai.
- f) Women Team Secured Third Place in Inter Collegiate Kabaddi Tournament. organized by University of Mumbai.
- g) Women Team Secured Second Place. in Inter Collegiate Kho-Kho tournament. organized by University of Mumbai.
- h) Men team won the team Championship in Inter Collegiate Taekwondo tournament. organized by University of Mumbai.
- i) Women's Taekwondo team won the team Championship in Inter Collegiate Taekwondo tournament organized by University of Mumbai.
- j) College won the Team Championship in inter Collegiate Shooting(PEEP SIGHT AIR RIFLE (Men)) tournament organized by University of Mumbai.

- k) College won the Team Championship (PEEP SIGHT AIR RIFLE(WOMEN)) in inter Collegiate Shooting tournament organized by University of Mumbai.
- l) Women Team Runner up in Inter Collegiate Shooting (AIR PISTOL (Women)) Tournament organized by University of Mumbai.
- m) College won the Team Championship in inter Collegiate Shooting (OPEN SIGHT AIR RIFLE (Men)) tournament. organized by University of Mumbai.
- n) College won the Team Championship in inter Collegiate Shooting (OPEN SIGHT AIR RIFLE(Women)) tournament organized by University of Mumbai.
- o) Two students were Selected to represent All India inter University Tennis tournament held at Varanasi (U.P.) and Chandigardh
- p) College Women Team Secured Third Place. In Inter Collegiate Judo Championship. organized by University of Mumbai.
- q) RUTUJA JOSHI (SYBA) won the Individual Bronze Medal in inter Collegiate Fencing tournament organized by University of Mumbai.
- r) VAIBHAV SAGWEKAR (FYBSc) won the Individual Bronze Medal in inter Collegiate Archery tournament organized by University of Mumbai.

32. Incentives to outstanding sportspersons:

Sr. No.	Name of the Students	Class	Total Fees
1	Kachare Santosh	TYBA	2,975/-
2	Budbadkar Kirti	TYBA	2,975/-
3	Parkar Dipti	TYBA	2,975/-
4	Patil Pankaj	TYBA	2,975/-
5	Nane Namrata	TYBA	2,975/-
6	Kotian Vinit	TYBA	2,975/-
7	Adhikary Pronoy	TYBA	2,975/-
8	Kolhatkar Akshaya	TYBA	2,975/-
9	Mithbavkar Sonia	TYBA	2,975/-
10	Sakpal Darshana	SYBA	525/-
11	Raut Swapnil	FYBA	4,095/-
12	Adhikary Protik	FYBA	4,095/-

13	Matthew Poorva	FYBA	4,095/-
14	Rajpure Reshma	FYBA	4,095/-
15	Dethe Subodh	TYBA	2,975/-
16	More Sameer	TYBA	2,975/-
17	Sunanda Narasimahan	FYBA	4,095/-
18	Patil Yugandhara	SYBA	3,475/-
19	Salunke Kiran	SYBSc	16,910
20	Shenoy Anukul	SYBSc	16,910
21	Mohite Supriya	SYBA	3,475/-
22	Sirkeck Anjali	SYBA	3,475/-
23	More Sanali	TYBA	2,975/-
24	Sonawadekar Dipika	TYBA	2,975/-
25	Deshpande Sampada	TYBA	2,975/-
26	Shinde Sonali	TYBSc	3,575/-
27	Shinde Kunal	TYBA	2,975/-
28	Sapte Neha	FYBSc	15,130/-
29	Pandhare Vijayanand	TYBA	2,450/-
30	Batawle Pradeep	FYBA	4,095/-
31	Rane Shruti	SYBA	3,475/-
32	Pasi Brijesh	FYBSc	5,295/-
TOTAL			1,43,890/-

33. Students achievements and awards:

1. Mr. Siddhesh Menon, our M.Sc. II student was awarded a scholarship of Rs.40,000/- by UGC for academic excellence in 2009-10.
2. Ms Sivadha Mani, Ph.D. student obtained research fellowship of Rs.24000/- per year and contingency grant of Rs.6000/- per year from Birla Smarak Smiri Kosh for this year.
3. Ms. Swapna Joshi a student of History received Young Social Scientist Trophy at National seminar on my country India: reviving patriotism of 1885 in contemporary times organized by ICLES M. J. College .

4. The following is the list of **UNIVERSITY RANK HOLDERS** for the academic year 2010-11

Sr. no	Name of the candidate	Subject	Marks	%	Rank
T.Y.B.Sc.					
1	Khandelwal Sneha Suresh	T.Y.B.Sc	758/800	94.75	Third
		Statistics	561/600	93.5	Third
2	Bhakthanivedita Mohan	T.Y.B.Sc	739/600	92.38	Seventh
3	Banerjee Shefali Mrinal	Biotech	500/600	83.33	Second
4	Jamalabad Abhishek Shyam	Zoology	467/600	77.83	Second
5	Punetha Lata Suresh	LifeScience	465/600	77.50	Second
6	Patwardhan Aditi Umesh	Biochem	509/600	84.83	First
7	Abhyankar Neha Ashok	Biochem	470/600	78.33	Second
8	Patil Rutuja Ashok	Biochem	463/600	77.16	Third
9	Pramodha Chandrashekar	Chemistry	544/600	90.66	First
10	Magod Dhvani Sanjay	Physics	532/600	88.66	third
T Y B A					
1	Doshi Resham Jai	T Y B A	496/600	82.67	Eight
2	Patki Mrunal Suhas	T Y B A	493/600	82.17	Tenth
		Sanskrit			First
3	Arora Karishma Kamal	Philosophy	449#10/600	74.83	Second
4	Ubale Rajendra Rama	Maths	456/600	76.00	First
5	Shetty Aditi Suresh	Economics	470/600	78.33	third
6	Omale Priyanka Dilip	Sanskrit	455/600	75.83	third

INTER- COLLEGIATE PRIZES at YOUTH FESTIVAL, University of Mumbai

Sr. No.	Event	Prize
1.	Quiz	2 nd
2.	Elocution (English)	3 rd
3.	On the Spot Painting	2 nd
4.	Spot Photo	2 nd
5.	Indian Group song	1 st
6.	Western Group Song	1 st
7.	Western Solo	2 nd
8.	Marathi one act	1 st
9.	Hindi one act	3 rd
10.	Marathi mono act	2 nd
11.	Folk dance	1 st
12.	Solo dance	3 rd
13.	Folk orchestra	2 nd
14.	Indian light vocal	1 st
15.	Story writing (Marathi)	2 nd
16.	Classical percussion	1 st
17.	Sanskrit	3 rd

34. Activities of the guidance and counseling unit:

The Career Guidance Cell organized biannual signature festival 'Avenues 2010'. It was inaugurated by Wing Commander Ajay Kaul which was followed by a talk on 'Civil Services'. Eminent scholars and professionals were invited to chair a plethora of seminars spread over three days which are listed below:

- Biological sciences by Dr. A.M. Bhagwat, In-charge, NMIMS
- Chemistry by Dr. D.V. Prabhu, Ex HoD, Wilson College.
- Science Journalism by Mahua Roy, Feature writer, Chemical world.
- Physics by Kasturirangan, ICT
- Eco-Finance by the BSE
- Journalism by Somit Sen, TOI
- Management by Welingkar Management and Research Institute
- Study abroad by Edwise

Few major changes in the format of Avenues this year are:

- To help the students get better clarity about their careers, Aptitude tests were conducted by Mrs Sangeeta Kamath, In-charge, Department of Psychology and later the students were called for personal counseling.
- Instead of the booklets printed every year another path breaking feature incorporated by the CGC this year was the creation of 'Avenues 2010 Compact Discs'. A group of students researched incessantly to encompass a wide range of data on thirty eight subjects which were then incorporated into CDs and distributed for free during the festival.

35. Placement services provided to students:

The placements sessions were held and the following are the results:

S.No.	Class	Number	Industry
1	M.Sc II(Botany) & M.ScII(Herbal Science)	6	Resume India ,Encare Pvt. Ltd ,Dombivali MIDC ,Stemade Biotech Pvt. Ltd. Ecotec, Priamal Life Science Mumbai. Debon herbals
2	TYBSc Comp. Sc.	2	L & T Infotech
3	MSc Comp. Sc.	4	L & T Infotech
4	M.Sc II(Life Science)		Perkin Elmer, Analytical Solutions,

36. Development programmes for the non-teaching staff:

A month long workshop was held for the non-teaching staff on 'English usage and conversation' by the college in December,2010. It was conducted by Indo American Society.

37. Healthy practices of the institution:

- a) The college has the Self-vision centre for the benefit of the visually challenged students.
- b) Conducting events/festivals, workshops, lectures by visiting faculties, etc. are regular activities of the college.
- c) Departments organize workshops, seminars and lectures by prominent guests for students to make them understand the subject and its use in practical situations.

38. Linkages developed with National/ International, academic/ Research bodies:

- A collaborative project on brackish water algal biodiversity & biotechnology was undertaken by S Y B Sc students with DBT-UICT Center of Energy Biosciences, Institute of Chemical Technology, Matunga, Mumbai 400 019. It resulted in isolation of several pure cultures of algae with a potential application in Bioenergy area.
- Nabila Kachi of M.Sc.Part-II was selected by DBT-UICT Centre of Energy Biosciences, Institute of Chemical Technology, Matunga, Mumbai 400 019. This scheme includes a contingency of Rs10000/- and a 6 month fellowship. The project undertaken for participation in a joint research project on evolutionary adaptation of *Pitichia* for high alcohol tolerance.
- A collaborative project on metagenomics studies of samples obtained from extreme environments for novel microorganisms and enzymes with Prof (Dr) (Mrs) D Deobagkar, Dept of Zoology, University of Pune, involving UG and PG students.

39. Any other relevant information:

Paper Presentations/ Guest Lecture at International conferences/ University:

- a. Dr. Sunita Shailajan presented a paper entitled “HPTLC, a versatile quality control tool: from single plant drug to complex polyherbal formulations” at an International Symposium for High-Performance Thin-Layer Chromatography (HPTLC, 2011), Basel, Switzerland on 6th -8th July, 2011.
- b. Dr. Sunita Shailajan was invited as a guest speaker at an Interventional Hepatology Conference “Updates on interventional procedures under Sonographic guidance in Hepatobiliary diseases” at Ravello, Amalfi Coast, Italy, on 27th-30th May, 2010. It was sponsored by UGC under the travel grant scheme for University Teachers.
- c. Dr. Sunita Shailajan presented a paper at the 1st Asia Pacific Congress on India System of Medicines entitled “Wound healing Efficacy of *Jatyadi Taila*: *in vivo* evaluation in rat using excision wound model” organized by World Ayurveda Congress, Kuala Lumpur, Malaysia on 24th – 26th September, 2010.
- d. Dr. Jyoti D. Vora was invited to Oxford University for the First UK International Functional Foods Conference where she made a presentation. During her visit to the UK she was invited to Department of Science & Technology, University of Nottingham Trent. Her talk on ‘Advent of Nutraceutical Science:

Its implications to the Chemist and Biologist,' was very well received. She was also invited to Tudor Meridian Graduate College, London, for a presentation and an academic interaction.

- e. Dr. Jyoti D. Vora was invited to the 4th General Assembly of The Third World Organization of Women in Science at Beijing. Where she was an invited speaker. Her presentation on 'Perspectives of Indian Women towards Science Education' was well received.
- f. Abhijeet Gole visited Egypt and presented research paper on "A Systematic Algorithm for 3-D Reconstruction of MRI based Brain Tumors using Morphological Operators and Bicubic Interpolation" in 2nd International Conference on Computer Technology and Development ICCTD 2010 Cairo, Egypt. November 2-4, 2010.
- g. Abhijeet Gole visited Singapore and presented a papers on "An Effective Model based Application for Forecasting Stock Prices by Scrupulously trained Neural Networks" and "An Algorithm to automatically generate schedule for school lectures using a Heuristic approach" at 2011 3rd International Conference on Machine Learning and Computing (ICMLC 2011) Singapore, February 26-28, 2011.
- h. N.S. Pradhan presented a paper 'Zero-Field And Field-Cooled Studies Of Gallium Nitride Implanted With Manganese Ions', at International conference on Physics of Emerging Functional Materials (PEFM-2010) ,Bhabha Atomic research Center, Mumbai, 22-24 th September,2010.
- i. N.S. Pradhan presented a paper 'Magnetic and Optical Properties of Manganese Ion Implanted Gallium Nitride and Their Effects on Silicon Ion Irradiation', at International conference on Magnetic Materials (ICMM- 2010), Saha Institute of Nuclear Physics, Kolkatta, 25th-29th October 2010.
- j. N.S. Pradhan presented a paper 'Magnetic and Microstructural studies on Mn doped GaN', International symposium on Materials chemistry (ISMC-2010), Bhabha Atomic research Center, Mumbai, 7-11thDecember 2010.
- k. Dr. Vasumathi Badrinathan was an invited speaker at the International Conference on Intercultural Dialogue: Pedagogical, Linguistic, Literary Dimensions, University of Languages, Azerbaijan, Oct 2010
- l. Dr. Vasumathi Badrinathan was invited speaker and participant at the International Forum of Francophony in France and Switzerland- an intellectual, artistic event, organized by the Foreign Affairs ministry of France, International Organisation of Francophony. The event concluded with the prestigious International Summit of Francophony in Montreux, drawing heads of states of 30 francophone nations. Dr. Badrinathan spoke at Seminars, workshops on language teaching, mutations in French language and intercultural discussions and round tables. November 2010

a) **Major Research Facilities available**

Instruments like FTIR, HPTLC, HPLC, Karl Fischer, Tablet Dissolution, Friability and Disintegration Apparatus and UV-Spectrophotometer are routinely used for quality evaluation of Modern, Herbal and ASU drugs. UG, PG and Teachers in and around Mumbai are given Hands on training on these Instruments.

Department of Microbiology has following specialized facilities developed during last 5 years.-

1. Hybridoma Laboratory for Animal Tissue culture
 2. Molecular Biology Facility
 3. Lab-on-chip fabrication and testing facility with clean room
 4. Computer laboratory cum Smart Classroom
- b) Every year, department comes out with a departmental magazine “Micromag” in the month of January at the time of intercollegiate annual biodiversity exhibition “Microbes”. This magazine contains contributions of present and past students, highlighting their subject knowledge and literary skills.
- c) In 2011, amongst 4 students for the International Youth programme in France, organized by the French government, the Embassy of France has selected 1 student from Dept of French, Ruia College 2011- One student of Ruia French Dept will visit France on an exchange programme for a month.

Part C: Detail the plans of the institution for the next year:

On the Eve of Platinum Jubilee of the College, the following activities are planned for the next academic year:

- To organize National Conferences to promote research culture in staff and students.
- To develop overall personality of the students by organizing various activities, seminars, workshops
- To compete with the global challenges by making teaching and non-teaching ICT friendly.
- To arrange workshops on effective use of ICT in teaching.
- To merge co-curricular activities of departments under one umbrella.

Annexure 1: Anuual/Memorial Lectures:

S.No.	Department	Lecture Title	Key speaker	Prominent feature
1	Physics	Renewable Energy and its uses in society	Prof. A.B.Pandit	Annual lecture
2	Physics	Particle Accelerators – Rise of Machines	Dr. Shreenivas Krishnagopal	Annual lecture
3	Dept. of History	“Two Decades of Economic Reforms in India.”	Dr.Venkatesh Atireya	Prof D.D.Kosambi Memorial Lecture
4	Sanskrit	Sanskrit and Sanskriti	Dr. Ashok Akalujkar	Annual lecture
5	Philosophy	Memorial lecture in the memory of Dr. N.V.Joshi	Need for standardization of languages	Prof. Awinash Biniwale

Annexure 2: Seminars/Workshops Conducted for students:

S. No.	Class/es	Title of the seminar/training	Local / State / National / International	Location / Date	List of Speakers
1	Post Graduate Diploma in Nutrition and Dietetics	An insight in Biochemical and nutritional experiments	Local	Ruia College	Dr. Jyoti D Vora, Mr. Prashant M Masali, Mrs. Mona A Desai, Ms. Sneha R Makavana, Ms. Padma Lakshminarsimhan
2	Under graduates, Post graduates, Industry Staff & Others	Sensory Evaluation	Local	Ruia College	Dr. Jyoti D Vora, Mr. Prashant M Masali, Mrs. Mona A Desai, Ms. Sneha R Makavana, Ms. Padma Lakshminarsimhan
3	T.Y.B.Sc. Chemistry	Spectroscopy Workshop	Local	Ruia College	Dr.M.Sudarshanan, Dr.D.V.Prabhu,Dr. S.D.Samant
4	UG and PG Comp. Sci.	Introduction to Embedded Systems and Industrial Applications	local	Ruia College June 2010	Prof. Kiran Datar
5	UG and PG Comp. Sci	Ethical Hacking Seminar and Workshop	local	Ruia College Sept. 2010	Mr. Anirudh
6	T.Y.B.Sc. (Microbiology)	"Unpalatable" cellular proteins and their utility in defining novel approaches for cancer therapy.	Local	Ruia College	Dr Abhishek Chakarabarty, Postdoctoral fellow at Harvard University
7	(Microbiology)	"Project Brahma" which deals with documenting biodiversity of India using semantic wiki.	Local	Ruia College	Mr Gaurav Moghe, Michigan State University
8	FY/SY/TY/ M.Sc.(Physics)	Relativity- Thoughts & Genesis	Local	27 th September 2010	Dr. Sudhir Jain
9	FY/SYI/TY/ M.Sc. (Physics)	Particle Accelerators – Rise of Machines	Local	31 st January 2011	Dr. Shrinivas krishnagopal
10	FY/SYI/TY/ M.Sc.(Physics)	Exo-Planets	Local	24 th January 2011	Mr. Rishikesh Joglekar
11	M.Sc II Life Science	Scientific Writing'	Local	Ruia	Dr Kanchan Chitnis

	Junior and Senior college students	Two workshops under Fine Arts, 'Creative Photography', 'Digital Art'	Local	College, Sept 2010 Ruia College, Sept 10	Mr Jatin
12	First, Second and Third Year B.A. B.Sc.	"How to Lead Yourself"	Local	31 st August 2010	Mr. Neeraj Manchanda
13	Second year	'Case Study Discussion Session in Marketing'	Local	31 st August 2010	Mr. Gejo Srinivasan, Consultant in career launcher and CEO, Elyon Education.
14	F.Y.S.Y.T.Y.B.A.	New Frontiers in Historical Research	Local	21 st July 2010	Dr. Mridula Rammana
15	UG	Bombay City Improvement Trust	Local		Satavant Belase
16	UG	Architecture of Colonial Mumbai	Local		Shraddha Bhatavdekar
17	UG	Workshop on numismatics studies	. Local	4 th Sept.2010	
18	FY,SY,TYBA,MA	Workshop on Alankara	state	Mumbai30th Jan,2011	1)Dr. G.P.Mahulikar 2)Dr. U.C.Vaidya 3) Dr. Asha Gurjar 4) Dr. Kamal Abhyankar
19	UG	Improving Decision Making	Local	Ruia, Jan' 11	Pooja Joshi (lecturer) Sangeeta Kamath (Visiting Faculty)
20	UG	Transactional Analysis	Local	Ruia, Jan' 11	Pooja Joshi (lecturer) Sangeeta Kamath (Visiting Faculty)
21	FY, SY & TY BA	'The Literay Genius of Vinda and Chitre:A Tribute'	Local	Mumbai, 2nd Sept. 2010	Dr. Vijaya Rajadhyaksha, Shri. Satish Kalsekar, Prof. Meena Gokhale, Shri Shreepad Samant
22	FYBA to TYBA and FYBSc to TYBSc	Workshop on creative writing	Local	Ruia college, 6 th and 7 th aug, 2010	Ganesh Achval, Anjali Kulkarni and Aparna Padgavkar
23	FYBA to TYBA TYBA	Seminar on tribute to vinda karandikar and dilip chitre (in collaboration with department of English) Workshop on Unicode	Local Local	Ruia college Ruia college	Dr. Vijaya Rajyadhyaksha, Satish Kalsekar, Meena Gokhale, Shripad Samant. Rammohan Khanapurkar
24	FYBA to TYBA and FYBSc to TYBSc	Workshop on creative writing	Local	Ruia college, 6 th and 7 th aug, 2010	Ganesh Achval, Anjali Kulkarni and Aparna Padgavkar

Annexure 3: No. of Teachers with Ph.D.

S.No.	Name of the faculty	Subject	Thesis Title	University & Year	Research Interests
1.	Dr. Jyoti D Vora	Biochemistry	“Biochemical characterization of extracellular enzymes from the carnivorous fungus <i>Arthrobotrys oligospora</i> ”	University Of Mumbai, 1985	Enzymology, Plant Biochemistry, Nutrition & Dietetics, Biochemistry, Bioanalytical Sciences, Nutraceuticals
2.	Dr. Behnaz B Patel	Botany	Studies in Papilionaceae(Fabaceae) Cytohistochemical investigations in genus <i>crotalaria</i> Linn.	Mumbai,1980	Cytogenetics
3.	Dr. Sunita Shailajan	Botany	Standardization of herbal Medicine - <i>Asteracantha longifolia</i> Nees.	Mumbai, 2002	Quality Control and Standardization of Herbal/ASU formulations, Instrumentation (HPTLC and HPLC), Toxicity and Efficacy studies, Pharmacokinetic Studies
4.	Dr. Bhavna Narula	Botany	Physiology of crop plants: Responses of <i>Gossypium arboreum</i> var. Y-1 to NaCl stress.	Mumbai, 1997.	Plant Physiology
5.	Dr. Jessy Pius	Botany	<i>In Vitro</i> Studies in Finger millet and Pearl millet	Mumbai,1993	Plant biotechnology, Mycology
6.	Dr. Sunil Shankhadarwar	Botany	Eco –Physiological studies on toxic waste water algae.	Nagpur, 2002	Phycology

7.	Dr.Suhas Pednekar	Org. Chemistry	"Synthesis of Heterocyclic Compounds having Potential Biological Activities".	Mumbai 1983	Green chemistry (environment friendly chemistry, pharmacological and chemical investigation of medicinal plants
8.	Dr. S.P.Sathe	Anal. . Chemistry	Studies in some less familiar trends in applied analytical Chemistry	Mumbai,1986	Chemistry
9.	Dr.P.A.Sathe	Anal. . Chemistry	Some newer trends in electroanalytical techniques	Mumbai,1985	Electoanalytical methods, herbal medicine standardization
10.	Dr.R. Venkatachalam	Inorg. . Chemistry	Synthesis and Characterisation of metal complexes of Schiff bases derived from salicylaldehyde derivatives	Mumbai, 2008	Chemistry
11.	Dr.V.V.Vaidya	Anal. . Chemistry	Concurrent assay of drugs in formulation and raw materials by HPLC.	Mumbai, 2002	Application of instrumental techniques in analysis of active pharmaceutical ingredients in formulations, bulk drugs, herbs and herbal products. Synthesis, characterization and properties of Schiff's bases.
12.	Dr.V.V.Dighe	Anal. . Chemistry	Analytical and Bioabsorption Studies of important Formulation, Mum	Mumbai 1991	herbal medicine standardization, Pharma Analysis
13.	Dr. C.M.Rege	Org. . Chemistry	. MOM Chloride a new reagent in the study of Mannich reaction and amino methylation of aromatics	Mumbai,2008	Chemistry

14.	Dr.J.S.Patwardhan	Phy. . Chemistry	Studies In Metal Complexes	Mumbai , 1988	Chemistry
15.	Dr. M.S. Hate	Anal. . Chemistry	Electrochemical Studies of Metallic Ions Employing Various Electroanalytical Techniques	May 2004	Electoanalytical methods, herbal medicine standardization
16.	Dr. K.J.Donde	Inorg. . Chemistry	Synthesis and studies on metal complexes of some oximes.	Mumbai, 2002	Coordination Chemistry, Bioinorganic Chemistry
17.	Dr. V. Chavan	Inorg. . Chemistry	X-Ray, Thermal, Magnetic And Biological Properties Of Schiff Base Complexes	Mumbai, 2010	Co- ordination
18.	Dr. S. Chatterjee [appoint. In F.I.P.]	Anal. . Chemistry	Electrochemical investigations of some biologically important compounds	Indian Institute of Technology (IIT) Roorkee, 2010	Organic electrochemistry, Nanomaterials, Sensors
19.	Dr. Jyoti Rao	Theoretical Physics	Recursive method for soliton solution of some non linear evolution equations	Bombay University, 1989	Theoretical Physics
20.	Dr. R. Neogi	Thermodynamics	Glass corosion	IIT, Kharakpur, 1983	X-ray technique and Nano particle Physics
21.	Dr. Pratap G. Patil	Textile Physics	Study of Inverse creep in some textile yarns.	Mumbai University 2009.	Textile Physics, Gas sensing nano-materials.
22.	Dr. Phadke Ravindra P	Microbiology	Study of The Reduction system in Yeast	University of Bombay 1994	Computational Biology, Microfluidics Lab-on-chip & Lab-on-Paper, Molecular biology
23.	Dr. Vora Dipak	Microbiology	Biological Control of Insect Larvae	University of Mumbai 1999	Enzymology, Probiotics & Endophytes
24.	Dr. Ganesh Iyer	Lifescience	Aerobiology	University of Mumbai, 1987	Life Science
25.	Dr. Seema Menon	Lifescience	Botany	University of Mumbai, 1992	Botany

26.	Dr Kanchan Chitnis	Biochemistry	Estimation of Protein components and other Biochemical parameters of human follicular fluid and serum	Mumbai University, LTMM Hospital, Biochemistry dept, Sion Hospital.1996-2000	Proteomics, Genomics, Phytochemistry, Enzymology
27.	Dr. Vasumathi Badrinathan	Didactics of foreign language teaching/Learning, French language, cultures, educational practices	Autonomie et Identite des enseignants non natifs du FLE: Cas de l'Inde Non native teacher identity in foreign language teaching : Case of the French language teachers in India	University of Charles de Gaulle, Lille 3, France, With Highest Grade-Felicitations du Jury	Didactics, Foreign language teaching, intercultural approach, pedagogical improvement, teacher and learner autonomy, ICT in language learning
28.	Mrs. Urmila Moon	Commerce	Role of Nationalized banks in supporting Higher Education through Education Loans with respect to Mumbai region	Tilak Maharashtra University, Pune, 2011	Higher Education, Student finance and loan policies, economics & finance of higher education, Government policies for higher education, equity in higher education. Banking, CSR, Retailing. SSI and Entrepreneurship.
29.	Dr.Mohsina Mukadam	History	Transformation of Indian Food Culture During the British Period.	Mumbai 2009	Culinary History History of Mumbai and Konkan
30.	Dr. Louiza Rodrigues	History	Forest Conservancy in Western India in the Nineteenth Century	Mumbai 2011	Environmental History of Western India, Genealogy and Art History
31.	Dr. Manjusha Gokhale	Sanskrit	Vakrokti:Concept and Evolution	Mumbai, 1986	Vedic-Classical Sansk.Literature
32.	Dr. Anjali Bhelände	English	A Study of The Works of Ethel Wilson Through The Stand-Point of	S.N.D.T. Mumbai, 1995	Canadian Literature; Spirituality

			Indian Philosophical Thought		
33.	Dr. Rabindra M. Pai	Zoology	Comparative Haematological study of certain vertebrates	University of Mumbai, 1986	Zoology
34.	Dr. Sanjay V. Bhagwat	Zoology	Further Investigation on histochemical and neurosecretory aspects of the garden slug <i>Semperula maculate</i> (templeton)	University of Mumbai, 1988	Zoology
35.	Dr. Vaishali T. Phusate	Zoology	Toxicity study of heavy metals in rats with special reference to endocrine glands	University of Mumbai ,2009	Zoology
36.	Dr. Durga Patkar	Zoology	Fishery and biology of <i>Metapenaeus brevicornis</i> (H. Milne Edwards) off Northwest Coast of Maharashtra.	University of Mumbai January 2002	Zoology
37.	Dr. S.B.Pandey	Lifescience	Studies of Erecrece	University of Mumbai 1979	Taxonomy of Plants, Environmental science
38.	Dr. Nilima Lankeshwar	Life Sciences	Microbial resistance to certain antimicrobials	Mumbai University, Deptt. Of Lifescience, Kalina 1998-2002.	Microbiology, Nanotechnology, Genetics, Genetic engineering,
	Total - 38				

Annexure3 (a): No. of teachers registered/pursuing Ph.D.

S.No.	Name of the faculty	Subject	Thesis Title	University & Year of Registration	Guide / Institution
1	Mr. Prashant M Masali	Bioanalytical Sciences	Biochemical and Environmental characterization of Aloe vera	University Of Mumbai, June - 2010	Dr. Jyoti D Vora, Ramnarain Ruia College
2	Ms. Manjusha Nikale	Botany	Autoecology, pharmacognostic and pharmacological study of <i>Salcia macrosperma</i> and <i>Salacia chinensis</i> in comparison with <i>Salacia reticulate</i> , an antidiabetic drug found in the Western Ghats.	Mumbai, 2004	Dr. R M Mullani
3	Ms. Dhvani Goradia(Thesis submitted)	Botany	Effect of chemical nutrients vis-à-vis some bionutrients on <i>Capsicum frutescens</i> and <i>Hibiscus esculentus</i> .	Mumbai, 2007	Dr.Sudha Sawant
4	A.M.Mapari	Inorg.Chemistry	Studies on Complexing Properties of Schiff Bases derived from 2-hydroxy-1-naphthaldehyde.	University of Mumbai 04 th March, 2005	Dr. K. V. Mangaonkar
5	M. Badole	Anal.Chemistry	Standardization of medicinal plant with potential immunomodulatory activity.	University of Mumbai 25 th November 2008	Dr. V. V. Dighe
6	V.M.Wagh	Anal.Chem.	Simultaneous determination of active ingredients of Antibiotic drug formulation by Electroanalytical	University of Mumbai 03/06/2011	Dr. P. A. Sathe

			method/(s).		
7	Prof. Vijay Mayekar	Textile Physics	Study of Pilling of textile	Mumbai,2010	Dr. R. P. Nachane
8	Prof. Nana Pradhan	Spintronics	Study of (GaMn)N and (GaMn)Sb dilute magnetic semiconductors prepared by energetic ion beams	Mumbai-2009	Dr. S.K. Dubey
9	Ms. Shukla Varsha	Microbiology	A Study on the effect of Natural Extracts on Biofilms of Bacterial Pathogens	University of Mumbai 2008	Dr. Zarine Bhathena, Bhavans College, Andheri, Mumbai
10	Aditi Abhyankar	Economics		Synopsis submitted on 27-04-2011 ABOUT TO BE SUBMITTED.	Dr.Neeraj Hatekar
11	Prasad Bhide	Sanskrit	Sanskrit Lexicography and IT Analysis	IIT, Mumbai 2011	IIT, Mumbai
12	Vaibhavi Palsule	Politics	India-Pakistan relations: From confrontation to dialogue	University of Mumbai, January 2007 (submitted thesis in May 2011)	Dr Uttara Sahasrabuddhe, Department of Civics and Politics, University of Mumbai
13	Mrudul Nile	Politics	Right to Information	University of Mumbai 13-03-2008, Synopsis for Thesis is Submitted.	Dr. Jose George Professor, Dept. Political Science University of Mumbai
14	Samhita Joshi	Politics	Local governance	University of Mumbai, June 2011submitted thesis	Dept. Political Science University of Mumbai
	Total - 14				

Annexure 4: Research Papers Published :

S.No.	Faculty Name	Research Paper Title Date/Volume (Std Format)	Refereed Journal with ISBN/ISSN No.
1	Dr. Jyoti Vora	Food for healthy brain function	Everyman's Sciences. Vol. XLV No. 3, Aug '10 – Sept. '10
2	Dr Behnaz B Patel	Patel B P J and Patel B B (2011). Ecology Balance through Solar Energy. <i>BionanoFrontier special Issue -6.</i>	International Conference on Sustainable Environment- Eco Revolution 2011. : 230-235
3	Dr. Sunita Shailajan	Shailajan, S., Yeragi, M., 2011. Optimization of microwave assisted extraction of Luteolin from leaves of <i>Vitex negundo</i> Linn. and its comparison with conventional extraction method.	International Journal of Pharmaceutical Research and Development 3(5), 128-134.0974-9446
4	Dr. Sunita Shailajan	Shailajan, S., Bhalerao, R., Sayed, N., Deshmukh, S., 2011. High Performance Thin Layer Chromatography of β -sitosterol from <i>Bluea lacera</i> .	Bionano Frontier, 4(2), 347-349. 0974-0678
5	Dr. Sunita Shailajan	Shailajan, S., Yeragi, M., Purohit, A., 2011. Optimized Separation and Quantification of Eugenol from a Traditional Unani Medicine <i>Jawarish-e-Bisbasa</i> using HPTLC.	International Journal of Pharmaceutical Sciences Review and Research 9(1), 146-151 0976-044X
6	Dr. Sunita Shailajan	Shailajan, S., Menon, S., Hande, H., Method validation of Marmelosin from fruit pulp of <i>Aegle marmelos</i> (L.) Correa using HPTLC technique	Journal of Pharmacy Research 4(5), 1353-1355.0974-6943
7	Dr. Sunita Shailajan	Shailajan, S., Menon, S., 2011. Polymarker based standardization of an Ayurvedic formulation, <i>Lavangadi Vati</i> using High Performance Thin Layer Chromatography.	Journal of Pharmacy Research 4(2), 467-470. 0974-6943
8	Dr. Sunita Shailajan	Shailajan, S., Singh, A., Tiwari, B., 2010. Quality Control and Standardization of an Ayurvedic Taila formulation. International	Journal of Biomedical Research and Analysis 1(2), 78-81. 2229-3353
9	Dr. Sunita Shailajan	Shailajan, S., Shah, S., 2010. High Performance thin Layer Chromatographic Quantitation of β -sitosterol from Stem bark of <i>Symplocos racemosa</i> Roxb. and its formulation	. Journal of Herbal Medicine and Toxicology 4(2), 133-139. 0973-4643
10	Dr. Sunita Shailajan	Champanerkar, P. A., Vaidya, V., Shailajan, S., Menon, S., 2010. A sensitive, rapid and validated liquid chromatography – tandem mass spectrometry (LC-MS-MS) method for determination of mimosine in <i>Mimosa pudica</i> Linn.	Natural Science 2(7), 713-717. 2150-4105
11	Dr. Sunita Shailajan	Shailajan, S., Shah, S., Sayed, N., 2010. HPTLC method development and validation of a secondary metabolite β -sitosterol from <i>Caesalpinia bonduc</i> (Linn.) Roxb. Emend. Dandy & Exell. Seeds.	International Journal of Pharma and Biosciences 1(3), 1-10. 0975-6299
12	Dr. Sunita Shailajan	Sarfare, S., Menon, S., Shailajan, S., 2010. Cornsilk as a Bioavailable Source of Betasitosterol: A Pharmacokinetic Study Using HPTLC. Asian Journal of Plant Sciences 9(1), 44-50.	International Journal of Pharma and Biosciences 1(3), 1-10. 1812-5697 (e) 1682-3974 (p)

13	Abhijeet Gole	<p>Abhijeet Gole ,Anantatamukala Amruta, Yogesh Karunakar “A Systematic Algorithm for 3-D Reconstruction of MRI based Brain Tumors using Morphological Operators and Bicubic Interpolation”</p> <p>Abhijeet Gole, Priti Jha, Yogesh Karunakar “An Effective Model based Application for Forecasting Stock Prices by Scrupulously trained Neural Networks” 2011 Abhijeet Gole,Anirudha Nanda, Manisha P.Pai "An Algorithm to automatically generate schedule for school lectures using a Heuristic approach" 2011</p> <p>Abhijeet Gole, Yogesh Karunakar, Priti Jha “Precise Stock Price Prediction System using Neural Networks trained by enhanced and meticulous learning”</p>	<p>2nd International Conference on Computer Technology and Development ICCTD 2010 Cairo, Egypt. November 2-4, 2010.</p> <p>3rd International Conference on Machine Learning and Computing (ICMLC 2011) Singapore, February 26-28, 2011</p> <p>International Journal of Computer Science and Emerging Technologies (IJCSET) Volume 1, Issue 4, 2010.</p>
5	Dr.P.A.Sathe.	<p>“Simultaneous determination of Tinidazole and Ciprofloxacin Hydrochloride in combined Formulation of the two using Differential Pulse Polarography.” is published In Trade Science, India.Vol.10, Issue 5, 2011, 5-9.</p> <p>Determination of Tinidazole and Ciprofloxacin Hydrochloride in single formulation tablet using Differential Pulse Polarography.” is accepted In Journal of Analytical and Bioanalytical Techniques, USA.</p> <p>“A Simple Electroanalytical Method for Simultaneous Quantification of Ofloxacin and Ornidazole from Combined Drug Formulation” In Trade Science, India.Vol.10, Issue 6, 2011, 5-9.</p> <p>Simultaneous Spectrophotometric Estimation of Ofloxacin and Ornidazole from Combined Tablet Dosage form.” In INTERNATIONAL JOURNAL OF PHARMA WORLD RESEARCH. IJPWR VOL 2 ISSUE 1 (Jan – Mar) – 2011, 1-24.</p> <p>“Simultaneous Spectrophotometric Estimation of Norfloxacin and Tinidazole from Combined Tablet Dosage form.” is published by Asian Journal of Research in Chemistry; Vol: 4No:5: May:-2011, 729-733.</p> <p>A Simple Electroanalytical Method for Estimation</p>	<p>Trade Science, Analytical chemistry an Indian journal</p> <p>Journal of Analytical and Bioanalytical Techniques, USA.</p> <p>Trade Science, Analytical chemistry an Indian journal</p> <p>INTERNATIONAL JOURNAL OF PHARMA WORLD RESEARCH.</p> <p>Asian Journal of Research in Chemistry</p>

		<p>of Norfloxacin and Tinidazole individually From Pharmaceutical Formulation is published in Research journal of Pharmaceutical, Biological and Chemical Sciences; April - June volume 2 Issue2, 495-505.</p> <p>Simultaneous Determination of Norfloxacin and Tinidazole in combined formulation by a simple electroanalytical technique is published in International Journal of Pharma Research and Development-IJPRD, 2011; Vol 3(3):15; May 2011,115 – 121.</p> <p>Simultaneous Quantification of Ofloxacin and Ornidazole In Combined Drug Formulation by a Simple Electroanalytical Technique.’ is accepted by International Journal of Pharmaceutical sciences and Research and will be published In upcoming Vol. 2, Issue 08; August, 2011issue of IJPSR.</p> <p>A Simple Electroanalytical Method for Simultaneous Determination of Norfloxacin and Tinidazole from Combined Pharmaceutical Drug Formulation” is accepted by International Journal of ChemTech Research and will be published in issue: Vol.3,No.3, July- 2011</p> <p>A Simple Electroanalytical Method for Estimation of Ofloxacin and Ornidazole individually From Pharmaceutical Formulation is accepted by International Journal of Pharmaceutical Research and will be published in October - December 2011 issue.</p>	<p>Research journal of Pharmaceutical, Biological and Chemical Sciences</p> <p>International Journal of Pharma Research and Development</p> <p>International Journal of Pharmaceutical sciences and Research</p> <p>International Journal of Chem Tech Research</p> <p>International Journal of Pharmaceutical Research</p>
6	A.K. Mapari	<p>Synthesis, Characterization and Antimicrobial Activity of Mixed Schiff Base Ligand Complexes of Transition Metal(II) ions, A. K. Mapari and K. V. Mangaonkar,</p>	<p><i>International Journal of ChemTech Research</i> 3(1), 477-482, 2011. (ISSN : 0974-4290)</p>
		<p>2 Stability Constants of Mixed Ligand Complexes of Transition Metal(II) Ions with <i>N</i>-(2-Hydroxy-1-naphthylidene)-2,6-diisopropylaniline as Primary Ligand and <i>N</i>-(2-Hydroxybenzylidene)-2,3-dimethylaniline as Secondary Ligand, A. K. Mapari and K. V. Mangaonkar,</p>	<p><i>E-Journal of Chemistry</i> (ISSN : 0973-4945)</p>

		3 Synthesis, Characterization and Antimicrobial Activity of Mixed Ligand Complexes of N-(2-hydroxy-1-naphthylidene)-2,6-diisopropylaniline and N-(2-hydroxybenzylidene)-2,3-dimethylaniline with Co(II), Ni(II), Cu(II) and Zn(II) ions, A. K. Mapari and K. V. Mangaonkar,	<i>International Journal of ChemTech Research</i> 3(2), 636-641, 2011 (ISSN : 0974-4290)
		4 Mixed Ligand Complexes of Transition Metal(II) ions with N-(2-hydroxybenzylidene)-2,3-dimethylaniline as Primary Ligand and N-(2-hydroxy-1-naphthylidene)-4-chloroaniline as Secondary Ligand, A. K. Mapari and K. V. Mangaonkar	<i>International Journal of ChemTech Research</i> 3(2), 802-805, 2011. (ISSN : 0974-4290)
		5 Stability Constants of Mixed Ligand Complexes of Transition Metal(II) ions with N-(2-hydroxybenzylidene)-2,3-dimethylaniline as Primary Ligand and N-(2-hydroxy-1-naphthylidene)-4-nitroaniline as Secondary Ligand, A. K. Mapari and K. V. Mangaonkar, <i>E-Journal of Chemistry</i>	<i>E-Journal of Chemistry</i> , , 8(2), 859-862, 2011. (ISSN : 0973-4945)
		6 Synthesis, Characterization and Antimicrobial Activity of Mixed Schiff Base Ligand Complexes of Co(II), Ni(II), Cu(II) and Zn(II), A. K. Mapari, M. S. Hate and K. V. Mangaonkar, <i>E-Journal of Chemistry</i> ,	<i>E-Journal of Chemistry</i> , 8(3), 2011. (ISSN : 0973-4945)
7	Dr. Kamini J. Donde	Antimicrobial Activity of Transition Metal Complexes of Ligands Containing Oxime and Dioxime Group, <i>Journal of Pharmacy Research</i> , 4(1), 206-209 (2011). Synthesis, spectral and antimicrobial studies on mixed ligand Cu(II) complexes of schiff base 2-amino-4-nitrophenol-N-salicylidene and some amino acids,	<i>Journal of Pharmacy Research</i> , 4(1), 206-209 (2011). ISSN No. 0974-6943 <i>Journal of Pharmacy Research</i> (In press). ISSN No. 0974-6943
8	Dr. M.S.Hate	Effect of Oxidizing as well as Reducing agents on the reduction of Molybdenum using Differential Pulse Polarography.	Rajkot, Gujrat Interational
9	Dr. Vidya V. Dighe	HPLC-DAD/UV-MS determination of major flavonoids rutin and isoquercitrin in two morus species. 6 Aug 2010, 2, 1-15 High Performance Liquid Chromatographic method for quantitation of apigenin from dried root powder of <i>Gmelina arborea</i> Linn.	<i>International Journal of Pharma, Research and Development-Online</i> ISSN: 0974 - 9446 <i>International Journal of Pharma and Bio Sciences</i> ISSN 0975-6299

		<p>Jan-Mar 2011, (2), 1, 742-749.</p> <p>Comparison of extraction techniques for quantitative determination of rutin from <i>Morus alba</i> Linn by reverse phase high performance liquid chromatography Jan-Mar 2011, (2), 1, 750-756.</p> <p>Quantitation of β-Sitosterol from <i>Celastrus paniculatus</i> Wild. Using validated high performance thin layer chromatography method Apr – Jun 2011, (2), 2 , 117 – 123.</p>	<p>International Journal of Pharma and Bio Sciences ISSN 0975-6299</p> <p>International Journal of Pharma and Bio Sciences ISSN 0975-6299</p>
10	Dr.Suhas Pednekar	<p>1 Microwave-assisted extraction of Gymnemic acid, a potent antidiabetic agent from <i>Gymnema Silvestre</i> R.B. and its comparison with conventional extraction technique Suhas Pednekar, Nilesh Joshi, Sasikumar Menon, Sunita Shailjan and Bhalchandra Khairnar.</p> <p>2 Quantitation of β-sitosterol in <i>Ipomoea digitata</i> L. Root Powder by High-performance Thin-Layer Chromatography Suhas Pednekar, Pratibha Sawant & Gayatri Tondapurkar</p> <p>3 'Microwave-assisted synthesis of quinolone derivatives and related compounds' Suhas Pednekar & Anil Kumar Pandey</p> <p>4 'Facile <i>p</i>-TSA Catalyzed One Pot Synthesis of Tetrahydropyrimidinones Derivatives in Water or Under Solventless Condition'. P. Sirisha, Suhas Pednekar and Anant R Kapdi</p>	<p><i>Asian Journal of Chem</i>, 2011 (in press)</p> <p><i>Journal of Bio Sci., Alternative and Holistic Medicine (IJBSAHM)</i>, 2011 (in press)</p> <p><i>J Hetrocycl Chem</i>, 2010, 47, 1104-1108</p> <p><i>IBulletin of the Catalysis Society of India</i>, 9(2010), 20B, 709</p>
12	Dr Kanchan Chitnis	<p>'Chemical Evaluation of Tamra Bhasma', (April – June) 2011, Vol 2, Issue 2,</p>	<p>International Journal of Pharma and Biosciences ISSN 0975-6299 Pollution Research</p>
13	Dr Seema Menon	<p>1. "Effect of Acid Rain on the leaves of <i>Pedilanthus tithymeloides</i>. Linn" <i>Poll Res.</i> 29(4):625-626 (2010).</p> <p>2. 'Stigmatic Receptivity In <i>Malachra capitata</i> Linn" <i>Ecol, Env & Cons.</i> 16(4):2010; pp (627-628)</p> <p>1) Pollination studies in <i>Scoparia dulcis</i> L.</p>	<p><i>Ecology environment & Conservation.</i> ISSN 0971-765X , Vol 16, No.(4) 2010 pg627-628.</p> <p><i>Ecology Environment & Conservation</i> ISSN 0971-765X vol.16 No.(4) 2010</p>
14	Dr. Vasumathi Badrinathan	<p>Relevance of teacher autonomy in pedagogic independence. Study of Indian teachers of French.</p>	<p><i>Indians Streams Research Journal</i>, pp.252-257, 2011 ISSN- 2230-7850</p>

		<u>Book</u> F. Dervin, V. Badrinathan (ed) : L'enseignant non natif : identités et légitimité dans l'enseignement-apprentissage des langues étrangères EME & Intercommunications : Belgium, Forthcoming	Forthcoming
15	Dr. Urmila Moon	'Retail revolution in India', Sydenham College of commerce and economics, Churchgate, Mumbai, 10 th and 11 th February 2011.	Conference Proceedings Book with ISBN No. : 978-93-80697-62-8
	Dr. Urmila Moon	'Corporate Social Responsibility in India', Babasaheb Gawde Institute of Management Studies, Tardeo, Mumbai, 26 th March 2011.	Conference Proceedings with ISBN No. 978-81-8424-681-0
	Dr. Urmila Moon	'Role of Self-Help Group Bank Linkage Model in Women Empowerment', June 2011,	International Journal APJRBM ISSN (online): 2229-4104.
16	Dr. Mohsina Mukadam	Mahatma Gandhi's Experiment with Dietetics', Critical Enquiry , Vol. II, Issue IV, October – December, 2010 Public Library Movement in Nineteenth Century Maharashtra', , Library Movement Management and Melange, Certain Perspective, Collection of Articles in Honour of Mrs Shobha Badiger	.ISSN 0975-0096 ISBN :81-89217-18-6
17	Dr. Louiza Rodrigues	<ul style="list-style-type: none"> 'Naoroji Furdoonji's Battle Against Income Tax Act of 1870: Defending 'Indians' Interests in British Parliament' 	National journal, Research Horizons, Vol. 5, July 2010.
18	Dr. Manjusha Gokhale	Concept of Abishtaka in Taittiriya Aranyaka	'Studies in the Aranyakas', Vaidic Samshodhan Mandal, Pune, 2011

Annexure:5: List of External Members and Books Issued

Sr. no.	Member's name	No. of books issued
1	Bhave, Pushpa	11
2	Deshpande, Snehalata	5
3	Dravid, Swati	3
4	Gokhale, Meena	1
5	Jadhav, Suresh	16
6	Joshi, Achala	3
7	Joshi, Neelima	41
8	Kane, Sandhya	21
9	Muzumdar, Neela	9
10	Naik, Surekha	5
11	Navare, Madhuri	12
12	Pednekar, Vithoba	2
13	Raghuraman, K.	12
14	Sinha, V. K.	5

15	Somaiya, Medha	78
	Total	224

Annexure 6:Subjectwise Book Acquisition

Sr.	Class	Subject	2010-2011	19	O	French	0
1	2	Library Science	-	20	O15	Sanskrit	16
2	A	General Science	8	21	O152	Hindi	88
3	B	Mathematics	39	22	O154	Gujrathi	-
4	B28	Statistics	27	23	O155	Marathi	127
5	C	Physics	115	24	Q	Religion	50
6	C12-8	Computer Science	226	25	R	Philosophy	60
7	D	Engineering	26	26	S	Psychology	36
8	E	Chemistry	338	27	T	Education	19
9	G	Biology	76	28	U	Geography	5
10	GOE	Biochemistry	8	29	V	History	54
11	GOF	Biotechnology	9	30	W	Political Science	56
12	G9E	Microbiology	32	31	X	Economics	100
13	I	Botany	42			Total	1745
15	L	Medicine	5				
16	M	Useful Art	7				
17	N	Fine Art	23				
18	O	English	67				

Annexure 7: Faculty Invited as a Speaker/Resource Person:

S. No	Name of Faculty	Title of the seminar/trainin g	Local / State / National / International	Location / Date	Title of the Talk	Sponsoring Agency
1	Dr. Jyoti D Vora	First National Women's Science Congress	National	Bijapur	An Assessment Of Perspectives And Attitudes Towards Science Education :A Study On Urban Indian Females	Women's Science Congress
2	Dr. Jyoti D Vora	Third World Organization for Woman in Science	International	China	An Assessment Of Perspectives And Attitudes Towards Science Education :A Study On Urban Indian Females	Third World Organization for Woman in Science
3	Dr. Sunita Shailajan	Updates on Interventional procedures under Sonographic Guidance in Hepatobiliary Diseases"	International	Italy, 27 th -30 th May.	Evaluation of Medicinal Plants as Potential Hepatoprotectants : A Modern Approach	Italy
4	Dr. Sunita Shailajan	Herbal Cosmetics – An Overview"	Local	17 th August 2010.	Cosmetology	Kishinchand Chellaram College
5	Dr. Phadke R. P	M E (Environmental Science) VJTI, Mumbai	Local		Staining techniques for microorganisms	
6	Dr. Vora D.	Faculty for M.Sc Bioanalytical Sciences	Local	15 Days		
7	Ms.Shukla V.S	Faculty for M.Sc Bioanalytical Sciences	Local	12 days	Basics of Microbiology	
8	Dr.-Chandana Rege	workshop in spectroscopy	Local	K.J Somaiya college Mumbai on 1 st December 2010.	UV Spectroscopy	K.J Somaiya college Mumbai
9	Dr. Chandana Rege	spectroscopy workshop	Local	Ramnarain Ruia College	Structures of organic compound	Ramnarain Ruia College

					from spectroscopy	
10	Madhavi Badole	Workshop on spectroscopy	Local	Ramnarain Ruia College	Structures of organic compound from spectroscopy	Ramnarain Ruia College
11	Dr Rukmani.V	Workshop on spectroscopy Workshop on Revised syllabus in TYBSc Chemistry Applied component-2011	Local Local	R.Ruia RK Talreja, Ulhasnagar	Problem solving in spectroscopy Portion of the Revised Drugs syllabus	R.Ruia Board of Studies Chemistry.
12	Dr.V.V.Vaidya	Revised T.Y.B.Sc. syllabus.	Local	1.Khalsa college, Matunga 2. SPK College, Sawantwadi	Different topics in revised T.Y.B.Sc. syllabus.	University of Mumbai
13	Dr.P.A.Sathe	Revised T.Y.B.Sc. Syllabus	Local	1.Khalsa college, Matunga 2. SPK College, Sawantwadi	Convener of the workshop	University of Mumbai
14	Varsha Malwade	Resource Person on at Shikshan Parishad- 'KG to PG'	Local	WE School, Mumbai, 30th January 2011	'Globalization and Education in India'	Shivsena
15	Varsha Malwade	Invited as a member of panel in a program on 'Lokmanas' on DD Sahyadri	International	DD Sahyadri on 25th March 2011	'Maharashtrachaa Arthsankalp (Maharashtra's Budget)'	DD Sahyadri
16	Devayani Ganpule	To Comerer a Symposium	Local	Prarthana Samaj, Mumbai, April, 2009 2 April, 2010	"Shikshanacha Bazar"	Prarthana Samaj, Mumbai
17	Varsha Malwade	Resource Person on at Shikshan Parishad- 'KG to PG'	Local	WE Sc hool, Mumbai, 30th January 2011	'Globalization and Education in India'	Shivsena
18	Dr. Vasumathi Badrinathan	National Seminar : Departure to France Exploring professional avenues with French Language	National, Embassy of France in India Embassy of France in India	July 2010 Oct 2010	Being Desi, Being Global : Negotiating Identities between India & Francophone spaces Did you say teaching? FLE it is !	Embassy of France in India Embassy of France

19	Dr.Mohsina Mukadam	'My County India: Reviving Patriotism of 1885 in Contemporary Times'	National	ICLES Motilal Jhunjhunval College of Arts, Science and Commerce. 30 th June 2010	National Movement in Maharashtra	Dept. of History, ICLES' Motilal Jhunjhunwala college, Navi Mumbai, and Mani Bhavan.
20	Dr Louiza Rodrigues	Inauguration of History Association	Local	Patkar College o Arts and Science, 13 December 2010	Delivered lecture 'The Bombay Association' on 13 December 2010.	History Dept, Patkar College, Goregaon
		Special Lecture	Local	Mumbai University, Kalina, 10 December, 2010	Contribution of Bombay Association to the political development of Bombay.	History Dept. University of Mumbai,
		Resource person for SET/NET workshop.	Local	University of Mumbai, 15 th May 2011.	Special guidance for Modern India and Concepts in Contemporary World History	Mumbai University
21	Pradeep Waghmare	Special lecture for NSS students.	Local	Shantivan, Panvelon 22 nd Oct.2010.	"How to prepare Competitive Exams"	NSS Unit of Gurukul College of Commerce, Ghatkopar.
		Resource person for SET/NET workshop.	Local	Andheri on 9 th Dec.2010.	How to Clear SET/NET in History	Bhavan's College, Andheri. Dept. of History, Swami
		Special lecture for FYBA students.	Local	Dombivali on 7th Feb.2011.	"Educational and Literary Progress of Maharashtra between 1848 to 1960"	Vivekanand Night College, Dombivali
		Resource person for SET/NET workshop		University of Mumbai, 14 th & 15 th May 2011.	How to Clear SET/NET in History and Special guidance	University of Mumbai,

					for Ancient India Elective.	
22	Prasad Bhide	Workshop on NET	Local	Mumbai 2010	Preparation for NET	Mumbai Uni. Dept. of Sansk.
23	Prasad Bhide	Training Course for Sansk. Teachers	Local	Mumbai2010	Sanskrit Literature	IES Sanskrit Kendra
24	Vatsala Pai	Students symposium at S P College	Local	Pune	Plato	Ruia
25	Himani Chaukar	Workshop for students giving NET/SET	Local	Mumbai University	Unit II from the syllabus	Ruia
26	Himani Chauka	Guest Lectures for Sathye college students	Local	Sathye College, Vile Parle, Mumbai	Eduction and immediate inference	Ruia
27	Jyoti Waghmare	SET/NET Workshop Vipassana Meditaton Training	Local Local	University of Mumbai, 29/06/10 Igatpuri, 18/12/2010	Comparitive Religion The historic - philosophic Vipassana Meditaton Practices	Ruia
28	Vaibhavi Palsule	M.A. Panel Discussion on Indian Education System	Local local	Department of Civics and Politics, University of Mumbai, 11 th January, 2010 Ramnarain Ruia College 28th January 2010	Emerging Trends in India-Pakistan relations Indian Education System	Nil nil
29	Leena Kedare	Chief guest at inaugural function of Marathi literary association Chief guest for women's day programme	Local Local	Sonopant dandekar college,palghar Shur sambhaji raje kridamandal, kurla	Importance of cultural activities Women empowerment	Sonopant dandekar college,palghar Shur sambhaji raje kridamandal, kurla

Annexure 9: Papers Presented:

S. No	Name of Faculty	Department	Title of the seminar/training	Local / State / National / International	Location / Date	Title of the Paper
1	Dr. Jyoti D Vora	Biochemistry	First National Women's Science Congress	National	Bijapur	An Assessment Of Perspectives And Attitudes Towards Science Education :A Study On Urban Indian Females
2	Dr. Jyoti D Vora	Biochemistry	Third World Organization for Woman in Science	International	China	An Assessment Of Perspectives And Attitudes Towards Science Education :A Study On Urban Indian Females
3	Dr. Sunita Shailajan	Botany	International Symposium for High-Performance Thin-Layer Chromatography (HPTLC, 2011)	International	Basel, Switzerland, 6 th - 8 th July, 2011.	HPTLC, a versatile quality control tool: from single plant drug to complex polyherbal formulations.
4	Dr. Sunita Shailajan	Botany	1 st Asia Pacific Congress on Indian System of medicine.	International	Kuala Lumpur, Malaysia, 24 th – 26 th September.2010	Wound healing Efficacy of <i>Jatyadi Taila</i> : in vivo evaluation in rat using excision wound model
5	Dr. Sunita Shailajan	Botany	Updates on Interventional procedures under Sonographic Guidance in Hepatobiliary Diseases”	International	Italy, 27 th -30 th May.	Evaluation of Medicinal Plants as Potential Hepatoprotectants: A Modern Approach
6	Dr. Sunita Shailajan	Botany	International conference on Folk and Herbal medicine.	International	Udaipur,Rajashthan 25 th -27 th November.	Novel approaches for activity based standardization of herbal formulations containing <i>Psoralea corylifolia</i> Linn.

7	Dr. Sunita Shailajan	Botany	International conference on Folk and Herbal medicine.	International	Udaipur, Rajasthan 25 th -27 th November.	Quality Control and Standardization of <i>Hingvadi Taila</i> ,
8	Dr. Sunita Shailajan	Botany	International conference on Folk and Herbal medicine.	International	Udaipur, Rajasthan 25 th -27 th November.	Quantification of Lupeol from <i>Cuscuta reflexa</i> Roxb growing on different host and evaluation of its efficacy as an anti-mycobacterial agent.
9	Dr. Sunita Shailajan	Botany	International conference on Folk and Herbal medicine.	International	Udaipur, Rajasthan 25 th -27 th November.	Evaluation of estrogenic activity of <i>Nelumbo nucifera</i> Gaertn. used in the treatment of menopausal symptom.
10	Dr. Sunita Shailajan	Botany	International conference on Folk and Herbal medicine.	International	Udaipur, Rajasthan 25 th -27 th November.	Evaluation of content of β -sitosterol from stem bark and flowers of <i>Salmalia malabarica</i> collected from different regions.
11	Dr. Sunita Shailajan	Botany	International Conference on Herbs and Herbo Mineral Formulations.	International	Thanjavur, Tamil Nadu, 6 th -7 th February, 2010.	Phytochemical Fingerprinting, Quantitation of β -sitosterol and Pharmacokinetic studies on <i>Vitex negundo</i> Linn. Fruits
12	Dr. Sunita Shailajan	Botany	62 nd Indian Pharmaceutical Congress.	Natioanl	Manipal, 17 th -19 th December 2010.	Validated analytical RP-HPLC-PDA method for Embelin based standardization for <i>Embelia ribes</i> , marketed herbal formulations and pharmacokinetics study.
13	Dr. Sunita Shailajan	Botany	62 nd Indian Pharmaceutical Congress.	Natioanl	Manipal, 17 th -19 th December 2010.	A rapid, sensitive and validated Densitometric method for simultaneous

						determination of Quercetin, Kaempferol, β -sitosterol and Lupeol from <i>Cuscuta reflexa</i> Roxb by HPTLC.
14	Dr. M.S.Hate	Chemistry	15 th ISCB International Conference	Interational	Rajkot, Gujrat.	Effect of Oxidizing as well as Reducing agents on the reduction of Molybdenum using Differential Pulse Polarography.
15	Dr. Vidya V. Dighe	Chemistry	International Conference on Folk and Herbal medicine International Conference on Folk and Herbal medicine 23 rd Research Scholar's Meet, – 2011.	Inter-national Inter-national National	Udaipur Nov 25-27,2010. Udaipur Nov 25-27, 2010. Acharya Marathe College 25 - 26 Feb 2011	High Performance Thin Liquid Chromatographic method for the determination of camptothecin, an anticancer drug from <i>Nothapodytes foetida</i> (wight) sleumer Determination and assay validation of apigenin in <i>gmelina arborea</i> Linn. by RP-HPLC Study and development of quality control methods for standardization of medicinal plant with antibacterial activity
16	Dr. S. R. Pednekar	Chemistry	15th ISCB International Conference 1 st Asia Pacific Congress on Indian System of Medicine XXIVth European Colloquium on Heterocyclic Chemistry	International International International	Rajkot 4-7Feb. 201 Kuala Lumpur, Malaysia, September 24-26, 2010 Vienna, Austria, August 23-27, 2010.	Microwave-assisted extraction of Vasicine, a potent bronchodialator from <i>Adhatoda vasica linn.</i> as an alternative to conventional extraction techniques and evaluation of its bioavailability 'Wound Healing Efficacy of <i>Jatyadi Taila</i> : In vivo

						evaluation in rat using excision wound model' 'Environmentally Benign Synthesis of Aza And Oxa-heterocycles'
17	Dr.V.V.Vaidya	Chemistry	1.23 rd Research Scholars' Meet 2011. 2. National Seminar on Environmental pollution and monitoring.	Local National	A&M College, Chembur 25-26 February 11 CKT College, New Panvel. 17-18 September 10	1. Bioanalytical approach to standardize plant having anti-inflammatory activity. (By Mrs.N.J.Rane) 2. Application of analytical techniques in quality control of medicinal plants. (By P.A. Champanerkar) 1. A validated reverse phase HPLC and HPTLC method for simultaneous estimation of Rutin and Quercetin in Azadirachta indica A.Juss. leaves. (By W.J.Shah)
18	Dr. Vora D.	Microbiology	Conference of the Association of Microbiologists Nutraceutical Summit	International International	Ranchi, 14 th Dec 2010 Feb 2011	Production of Dextrans using Lactobacilli Dextran Production by Lactic Acid Bacteria and its application in gastronomy.
19	Dr. Pratap G. Patil	Physics	International Conference and Workshop on Emerging Trends in Technology 2010 – ICWET – 2010”.	International	Thakur College of Engineering and Technology, Thakur Village, Kandivali (East), Mumbai – 400101, India. January 27 -28 TH 2011.	Measurement of Inverse creep in some cotton yarns.
20	Dr Kanchan Chitnis	Life Science	Environmental Biotechnology	National	University of Mumbai, Kalina, Dec 10	Presented poster ; 'Phytoremediation',

21	Varsha Malwade	Economics	Roundtable “Maharashtra @ 50: Issues and Policy Implications”	State	Yashwantrao Chavan Pratishthan, Mumbai 8 th March 2011	‘Human Resource and Skill Development in the Education and Skill development Services Sector in Maharashtra’
	Varsha Malwade	Economics	Interdisciplinary National Seminar on “Healthcare in India: Issues & Challenges”	National	Ramniranjan Jhunjhunwala College, Ghatkopar, Mumbai 4 th & 5 th February 2011	‘Education & Health In Policy’
	Varsha Malwade	Economics	International Conference on “Contemporary Scenario in Higher Education: Employability, Values, Opportunities and Challenges”	International	Nagindas Khandwala College, Malad, Mumbai 28 th - 29 th January 2011	‘Skill Development: The Way Ahead’
22	Dr. Vasumathi Badrinathan	French	Changing Dynamic Education in India	National Conference	Feb 9, 10, 11, Shillong	Fostering learner autonomy : Case study of an online chat initiative between Indian and Finnish students of French
	Dr. Vasumathi Badrinathan	French	Intercultural dialogue: “Linguistic pedagogical and literary aspects Autonomie de l’enseignant et de l’apprenant. Fostering Learner/Teacher Autonomy in Educational practices: languages & Beyond	International Conference International Conference	24,25, 26 Nov 2010, Azerbaijan University of Languages French Dept, Ruia College	Cross cultural Challenges in foreign language teaching. Figures d’altérité et autonomie : chat virtuel I entre les étudiants indiens et finlandais
23	Dr. Urmila Moon	Commerce	National level Conference titled ‘Higher Education: Challenges’	National	Pragati College of Arts and Commerce, Dombivali, on 7 th and 8 th January, 2011.	‘Higher Education- a Powerful Tool for Women Empowerment’

	Dr. Urmila Moon	Commerce	'Emerging trends in Indian Retail Management'	National	Sydenham College of commerce and economics, Churchgate, Mumbai, 10 th and 11 th February 2011	'Retail revolution in India'
	Dr. Urmila Moon	Commerce	'Corporate Social Responsibility-Issues and Challenges' held on, conducted by	National	Babasaheb Gawde Institute of Management Studies, Tardeo, Mumbai, 26 th March 2011	'Corporate Social Responsibility in India'
24	Dr.Mohsina Mukadam	History	'Heritage Tourism: Prospect and Challenges'	International	ICLES' Motilal Jhunjhunwala College of Arts, Science and Commerce on 1 - 2 Sept. 2010	Gastro Nomads: New Age Tourists'
25	Pradeep Waghmare	History	1."My Country India: Reviving Patriotism of 1885 In Contemporary Times" 2."Heritage Tourism : Prospects sand Challenges"	National International	Vashi, Navi Mumbai, June 30 th & July 1 st 2010. Vashi, Navi Mumbai, 1 st & 2nd Sept. 2010.	"Contribution of Shahir Anna Bhau Sathe to the Sanyukta Maharashtra Movement" "Mumbai as a city of Museums"
26	Dr. Louiza Rodrigues	History	1."My Country India: Reviving Patriotism of 1885 In Contemporary Times" 2.Heritage Tourism : Prospects sand Challenges" 3.Business and Merchant Communities Promotion and Preservation of Indian Culture" 4.Antiga Goa E Nova Goa	National International Local National	Vashi, Navi Mumbai, June 30 th & July 1 st 2010. Vashi, Navi Mumbai, 1 st & 2nd Sept. 2010. 10 July 2010 Maniben Nanawati Women's College, and Mani Kamerkar College Vile Parle Andrews College, Bandra 20-21 Jan 2011 Gaur Banga University, Malda,	Preliminary Political Awakening in Western India in the Nineteenth Century: Significance' The Development of Mahableshwar Hill station: Governor's Summer Residence, Sustenance'' Art Furniture and Household decoration: Role of the Parsi mercantile community in promoting Art Furniture in India and Across the

			5.Indian History: Modern India	National	Kolkata 11- 13 Feb 2011	globe. In the Nineteenth Century’ The Evolution of Goan Christian Culture In Mumbai: Cultural Identity’ Building Railways in Bombay: Land-use Policy of the British in Bombay and Salsette: 1845 – 1855’
27	Dr. Manjusha Gokhale	Sanskrit	1)Vedanga Chhandas 2)Ancient Indian Statecraft	National National	Pune 2010 Mumbai 2011	Contribution of Chandas in Literary Appreciation External Affairs in Smruti Literature
28	Himani Chaukar	Philosophy	Afro-Asian Philosophical Congress	International	Oct	Ethical Implications of Privatization of water resources
29	Jyoti wghmare	Philosophy	“Health Care in India- Issues and Challenges”	UGC Sponsored Interdisciplinary National Seminar	Mumbai, 4 – 5th Feb. 2011	“Euthanasia: The Buddhist perspective with Special reference to four noble Truths”
30	Vaibhavi Palsule	Political Science	Two Day State Level Multidisciplinary Conference on "Maharashtra 1960-2010: Imaging the Past and Envisioning the Future"	State	Vaze College, Mulund, 22 nd and 23 rd January, 2010	The Farmer’s Agitations: Purposes And Limits
31	Saroja Ganpathy	English	International Conference of the English Language Teachers Association of India (ELTAI)	International	5 th to7 th August 2010 at Anna Adarsh College, Chennai	Designing Materials for English Language Teaching at the Undergraduate Level
32	Leena Kedare		Sahitya sangeeti	Local	DAV college, bhandup, 17 th april, 2011	<i>Adhunik marathi sahyatil stri chitran</i>

Annexure 10: Workshops and Seminars attended by Faculty

S. No.	Name of Faculty	Department	Title of the seminar/training	Local / State / National / International	Location / Date
1	Dr. Jyoti D Vora	Biochemistry	First National Women's Science Congress	National	Bijapur
	Dr. Jyoti D Vora	Biochemistry	Third World Organization for Woman in Science	International	China
	Ms. Vidhi Shah & Ms. Rini Ravindran	Biochemistry	Advanced course in Bioinformatics	Local	Mumbai
2	Ms. Supriya Kale	Biotechnology	1. Workshop on Revised T.Y.B.Sc. Syllabus (Theory)	Local	R. Jhunjhunwala College
	Ms. Supriya Kale	Biotechnology	2. Workshop on Revised T.Y.B.Sc. Syllabus, Paper I & IV (Practicals)	Local	Mithibai College
	Ms. Supriya Kale	Biotechnology	3. Course on 'Accent Neutralization By Indo American Society'	Local	R. Ruia College
3	Mrs. Vinaya Rane	Biotechnology	1. Workshop on Revised T.Y.B.Sc. Syllabus (Theory)	Local	R. Jhunjhunwala College
	Mrs. Vinaya Rane	Biotechnology	2. Workshop on Revised T.Y.B.Sc. Syllabus, Paper II & III (Practicals)	Local	K. C. College
	Mrs. Vinaya Rane	Biotechnology	3. Workshop on Effective Teaching	Local	R. Ruia College 19 th March 2011
	Mrs. Vinaya Rane	Biotechnology	4. Workshop on Revised T.Y.B.Sc. Syllabus of Horticulture & Gardening	Local	Kirti college
4	Mrs. Sonali Purav	Biotechnology	1. Workshop on Revised T.Y.B.Sc. Syllabus, Paper I & IV (Practicals)	Local	Mithibai College
5	Ms. Hiral Zaveri	Biotechnology	1. Workshop on Revised T.Y.B.Sc. Syllabus, Paper II & III (Practicals)	Local	K. C. College
6	Mr. Aditya Sarnaik	Biotechnology	1. Extramural Activities, University of Mumbai Course on Astronomy & Astrophysics	Local	Nehru Planetarium (July 2010 – Feb. 2011)
	Mr. Aditya Sarnaik	Biotechnology	2. Course on 'Accent Neutralization By Indo American Society'	Local	R. Ruia College
	Mr. Aditya Sarnaik	Biotechnology	3. Workshop on Effective Teaching	Local	R. Ruia College 19 th March 2011
7	Mrs. Neha Jogalekar	Biotechnology	1. Workshop on Effective Teaching	Local	R. Ruia College 19 th March 2011

8.	Dr. Behnaz B patel	Botany	Workshop on TY B Sc Botany (Revised) Syllabus, at Ramniranjan Jhunjhunwala college, July 2010	Local	Mumbai
9.	Dr. Sunita Shailajan	Botany	International Symposium for High-Performance Thin-Layer Chromatography (HPTLC, 2011)	International	Basel, Switzerland, 6th-8th July, 2011.
			1st Asia Pacific Congress on India System of Medicines organized by World Ayurveda Congress	International	24th – 26th September, 2010, Kuala Lumpur , Malaysia.
			Updates on Interventional procedures under Sonographic Guidance in Hepatobiliary Diseases”	International	Ravello, Italy, 27 th -30 th May.
			International conference on Folk and Herbal medicine	National	Udaipur,Rajasthan, 25 th -27 th November
			International Conference on Herbs and Herbo-Mineral Formulations	National	Thanjavur, Tamil Nadu, 6 th -7 th February,2010
			62 nd Indian Pharmaceutical Congress.	National	Manipal, 17 th -19 th December 2010.
			National conference on Natural Products: Green interface between Chemistry and Environment.	National	Dehradun, 18 th – 19 th June 2011.
			International Conference of Integrative medicine and 1 st SAARC Conference on Unani medicine.	National	Aligarh, 2 nd -4 th February, 2011.
			National Conference on current trends in biological sciences.	National	Mumbai, 29th-30th January, 2011.
			15th ISCB International Conference.	National	Rajkot, 4th-7th February, 2011.
			National conference on role of chemistry in health and diseases.	National	Mumbai, 17 th -19 th January 2011.
			Participated in one day Instrumentation training programme on LC/MS/MS	National	Gurgaon, April 2011

10.	Dr. Bhavna Narula	Botany	Workshop on TYBSc Botany (Revised) Syllabus,	local	Ramniranjan Jhunjhunwala college, Mumbai July 2010
11.	Dr. Jessy Pius	Botany	Workshop on TYBSc Botany (Revised) Syllabus, National Seminar on frontiers in Biotechnology, C K T college, Panvel	Local National	Ramniranjan Jhunjhunwala college, Mumbai July 2010 3-4 dec 2010
12.	Ms. Manjusha Nikale	Botany	Workshop on TYBSc Botany (Revised) Syllabus, Revised syllabus T.Y.B.Sc. Horticulture, gardening (Applied Component) 2010	Local local	Ramniranjan Jhunjhunwala college, Mumbai, July 2010 Mumbai
13.	Ms. Anjali Lade	Botany	National Seminar on frontiers in Biotechnology, C K T college, Panvel	National	3-4 dec 2010
14.	Dr. Sunil Shankhadarwar	Botany	Workshop on TYBSc Botany (Revised) Syllabus, National Seminar on frontiers in Biotechnology, C K T college, Panvel	Local National	Ramniranjan Jhunjhunwala college, Mumbai July 2010 3-4 dec 2010
15.	Ms. Dhvani Goradia	Botany	Workshop on spectroscopy and chromatography Workshop on effective teaching	Local Local	1 st -12 th june 2010 19 th march 2011
16.	Ms Shama Zaidi	Botany	Workshop on Environmentals Biotechnology: Recent Advances Workshop on Effective Teaching	National Local	Mumbai 20 th December 2010 19 th March 2011
17	Dr. Suhas Pednekar	Chemistry	'Catalysing Change' organised by EDGE (Emerging Directions in Global Education)	International Conference	New Delhi, March 3-5, 2010
18	Dr. Chandana Rege	Chemistry	Workshop in chemistry on revised syllabus of organic chemistry for T.Y.B.Sc	Local	S.S and L.S. Patkar College, Mumbai
19	Mr. Vaibhav M. Wagh	Chemistry	1) International conference on supramolecular chemistry and nanomaterials. 2) Chemistry in 21st century for junior and senior	International Local	University of Mumbai TIFR,

			college teachers. 3) Chemical education at tertiary level. 4) Carbon credit and carbon trading. 5) Accent Neutralization 6) Workshop on spectroscopy. (As a resource person) 7) National seminar on 'Environmental pollution and monitoring' 8) Role and function of the union in 21st century. 9) Revised syllabus in physical chemistry for T.Y.B.Sc.	Local Local Local Local National Local Local	HBCSE MDD College R. Ruia college, R.Ruia college, C.K.T. College Uni. of Mumbai. Sathaye College,
20	Dr. M. S. Hate	Chemistry	15 th ISCB International Conference	International	04/02/11 to 07/02/11
21	Dr.J.S.Patwardhan	Chemistry	Workshop on Moodle training	Local	21st April 2011 Ruia College.
22	Dr. V. L. Chavan	Chemistry	1. Supramolecular Chemistry And Nanomaterials 2. Accent neutralisation by Indo-American society 3. Role and Function of the Union in 21 st Century	International Local Local	University Of Mumbai Ramnarain Ruia College BUCTU and the Demartment of Civics and Politics
23	Dr. Vidya V. Dighe	Chemistry	One day workshop conducted on revised syllabus in subject of Applied Component –Drugs and Dyes Conference on “The Role of Chemistry in Health & Diseases”	Local National National	R.K. Talreja College , Ulhasnagar. 28 th June 2010 SVKM’s Mithibai College 17 th – 19 th January 2011. Acharya Marathe College 25 and 26 Feb 2011

			Participated in 23 rd Research Scholar's Meet, –2011		
24	Dr. Kamini J. Donde	Chemistry	Conference on “The Role of Chemistry in Health & Diseases” Supramolecular Chemistry And Nanomaterials	National International	SVKM's Mithibai College 17 th – 19 th January 2011. University Of Mumbai 14-16 Feb 2011
25	Madhavi Badole	Chemistry	Conference on “The Role of Chemistry in Health & Diseases” Research Scholars Meet2011 (RSM)	National Local	SVKM's Mithibai College 17 th - 19 th January 2011 Acharya Marathe College, Chembur 25 th – 26 th Feb 2011
26	Dr Rukmani. V	Chemistry	Workshop on Revised syllabus for TYBSc Chemistry P-III	Local	S.S and L.S Patkar College
27	Dr.V.V.Vaidya	Chemistry	1.23 rd Research Scholars' Meet 2011. 2. National Seminar on Environmental pollution and monitoring.	Local National	A&M College, Chembur 25-26 February 11 CKT College, New Panvel. 17-18 September 10
28	Ms. Megha Sawant	Computer Science	Conference on 3T (Teaching, Training and Testing)	National	SIES College, Nerul 12/02/2011
29	Mr. Mahavir Advaya	Computer Science	Conference on 3T (Teaching, Training and Testing)	National	SIES College, Nerul 12/02/2011
30	Mr. Mahavir Advaya	Computer Science	Workshop on Net/Set Examination	State Level	Thakur College
31	Ms. Rasika Belsare	Computer Science	Grid computing Cryptography	Local	-
32	Mrs G.M. Kshirsagar and Dr M. D. Patwardhan	Mathematics	Syllabus workshop for T.Y.B.Sc (Compulsory Papers)	Local	17/7/10 in Vaze Kelkar College
33	Mrs G.M. Kshirsagar and Dr M. D. Patwardhan	Mathematics	Syllabus workshop for T.Y.B.Sc (Elective Paper)	Local	31-7-10 in Mithibai College
34	Dr. Phadke R. P	Microbiology	“Third Cycle of Accreditation”	National	12 th Feb 2011 Birla College, Kalyan
35	Mrs. Phadke L.R.	Microbiology	Clinical Proteomics: technology and beyond	National	26 th & 27 th November 2010 Advanced Centre

					for the Treatment, Research & Education in Cancer
	Mrs. Phadke L.R.	Microbiology	International Conference on Current Research in Biosciences	International	21st & 22 nd Dec 2010 at St Xaviers College, Mumbai.
36	Dr. Vora D.	Microbiology	Workshop on TY.B.Sc syllabus (new)	Local	August 2010
37	Mrs. Sucheta Ketkar	Statistics	“Practicals of T.Y.B.Sc. (Statistics)	Local	R.N. Jhunjhunwala College, Ghatkopar 30 th Jan, 2011
38	Sujata Suvarnapathki	Statistics	SAS Forum	National	Mumbai/ 23rd March 2011
39	Mrs. Asha Kamat	Statistics	“Practicals of T.Y.B.Sc. (Statistics)	Local	R.N. Jhunjhunwala College, Ghatkopar, 30 th Jan, 2011
40	Dr. Rabindra M. Pai	Zoology	Attended and participated in an one day workshop on ‘Revised syllabus of TYBSc,Zoology. Attended workshop on The credit system and its implications on examination and syllabi. Workshop on Revision of syllabus in Marine Science Applied Component T.Y.B.Sc (Zoology) Attended International Bilingual Conference, organized by Department of French, Ruia College UGC Interdisciplinary National Bioscience Seminar.	Local Local Local International National	17 th July 2010 Patkar College 6 th Mar 2011 D.G. Ruparel College 7 th and 8 th January 2011 26-27 Nov 2010
41	Dr. Sanjay V. Bhagwat	Zoology	Attended TYBSc revised syllabus workshop	Local	Aug.10
42	Dr. Vaishali T. Phusate	Zoology	Attended an Intercollegiate workshop on Bioinformatics. Attended ‘XXI Indian Nuclear Society Annual Conference’ on Impact of Radiation Technology on Human Health and Environment UGC Interdisciplinary National Bioscience Seminar	Local National National	21 st August 2010 7-8 th January 2011 26 – 27 Nov
43	Dr. Durga Patkar	Zoology	Workshop on Fishery Biology	Local	2 nd Feb 2011

44	Mr. Manoj Kadam	Zoology	Workshop on Fishery Biology Attended a workshop on 'Revised Marine Science Syllabus' at on	Local local	2 nd Feb 2011 24 th July, 2010
45	Ms. Adithi Muralidhar	Zoology	Attended a seminar on 'Biodiversity Conservation' organized by on at Kirti College, Mumbai.	Local	12 th February, 2011
46	Miss. Mithila Tamba	Zoology	Workshop on Bioinformatics	Local	29 th Jan 2011
47.	Dr Kanchan Chitnis	Life Science	1.2 wks workshop on Accent Neutralization, Oct 2010 2.2 wks hands on workshop on Advances in Biotechnology, March 2011 Seminars: 1. Contributed a paper on 'Pharmacognostic Evaluation of S cumini seed formulations' and attended International conf of Analytical Sciences cumini seed formulations' and attended International conf of Analytical Sciences 2. Presented poster on 'Phytoremediation' and attended conf on Environmental Biotechnology 3. International conf 'Fostering Teacher- Learner Autonomy' 4. International Conf 'Current Research in Biosciences' 5. 'Environment Management and Challenges for Sustainable Development 6. 'Ethics in Science and Tech' 7. 'Essential Oils, Fragrances and Flavours'	Local National International National International International National National National	Ruia College, Oct 2010 NIRRH, Parel, March 2011 Cochin, Kerala, Nov 2010 Life Sci dept , Kalina, Univ of Mumbai, Dec 10 Ruia College, Jan 11 St Xaviers College, Dec 10 M.D.College, Mumbai Feb 11 Navi Mumbai, Jan 11 IIT, Bombay, Nov 10
48.	Dr Seema Menon	Life Science	1)"Biodiversity Resources"-	National	Homi Bhabha centre for

			<p>National Seminar 2) "Physiology & Molecular approaches to Crop Improvement under changing Environment"- National Conference.</p> <p>3) Poster presentation: "Noise pollution & effects"- Seminar</p> <p>4) "Environment management & challenges for Sustainable Development"- National Conference Paper presented:- Species diversity of Fungal genera; Chaetomium around Mumbai.</p>	<p>National</p> <p>State</p> <p>National</p>	<p>science education. Mumbai..11-12 Dec 2010</p> <p>Banaras Hindu univ. 25-27 Nov, 2010.</p> <p>Dept of Lifescience. Mumbai Univ.</p> <p>M.D.College Mumbai.2-3rd Feb 2011</p>
49	Aditi A Abhyankar	Economics	Research Methodology	Local	Academic Staff College
50	Varsha Malwade	Economics	International Seminar on 'Economics of Higher Education: Changing Role in the New Global Order'	International	Hazarimal Somani College, Mumbai, 20 th - 21 st September 2010
	Varsha Malwade	Economics	Two- days National Conference on 'MSMEs- Gearing up to Global Competitiveness'	National	IES Management College, Bandra, Mumbai 26 th - 27 th August 2010
	Varsha Malwade	Economics	'Indo-US Summit on Higher Education'	International	Mumbai 30 th - 31 st July & 1 st August 2010
	Varsha Malwade	Economics	Chief Minister's Conclave 2010- Maharashtra	Local	Mumbai 8 th September 2010
	Varsha Malwade	Economics	Roundtable on 'Higher Education Policy of Maharashtra- The Road Ahead' with Shri Rajesh Tope, Minister, Higher & Technical Education, Govt. of Maharashtra	Local	Mumbai 8 th July 2010

51	Devayani Ganpule	Economics	'Indo-US Summit on Higher Education'	International	Mumbai 30 th - 31 st July & 1 st August 2010
52	Dr. Urmila Moon	Commerce	Workshop on 'Case Studies in Marketing and Human Resource Management'	Local	Jhunjhunwala College, Mumbai on 30 th July 2010.
	Dr. Urmila Moon	Commerce	Seminar ""Best Practices in Colleges' conducted by IQAC	National	Jhunjhunwala College, Mumbai on 15 th and 16 th December 2010.
	Dr. Urmila Moon	Commerce	Seminar titled 'Third Cycle of Reaccreditation'	National	Birla College, Kalyan, On 12 th February 2011
	Dr. Urmila Moon	Commerce	Seminar 'Higher Education: Challenges'	National	Pragati College of Arts and Commerce, Dombivali, on 7 th and 8 th January, 2011,
	Dr. Urmila Moon	Commerce	Seminar 'Emerging trends in Indian Retail Management'	National	Sydenham College of commerce and economics, Churchgate, Mumbai, on 10 th and 11 th February 2011.
53	Dr.Mohsina Mukadam	History	1.The International Conference entitled Mumbai – Socio – Cultural Perspective: Contribution of Ethnic Groups and Communities 2.Work shop on Numismatics Studies 3."my country India: reviving patriotism of 1885 in contemporary times" 4.Heritage Tourism: Prospect and Challenges. 5."The CWD: Concerns, Challenges and the Course Ahead" 6."Business and Merchant Communities Promotion and Preservation of Indian Culture" 7.History of Mumbai: Unconventional Sources II"	<i>International</i> Local National International Local State Local	Sophia's College 7 th 8 th Jan11 Ramnarain Ruia College 4 th September 2010 <i>ICLES' Motilal Jhunjhunwala College of Arts, Science and Commerce</i> 30 th June 2010. <i>ICLES' Motilal Jhunjhunwala College of Arts, Science and Commerce</i> 1 -2 Sept. 2010. St. Xavier's College 30 th August Maniben Nanawati Women's College, Vileparle on 10th July Asiatic Society of

					Mumbai on 30 th March 2011
54	Pradeep Waghmare	History	<p>“Business and Merchant Communities Promotion and Preservation of Indian Culture”</p> <p>“Sixty years of the Indian Constitution: Retrospect and prospects”</p> <p>“Politics of Language, Culture and History in Maharashtra”</p> <p>“Mumbai – Socio – Cultural Perspective: Contribution of Ethnic Groups and Communities”</p> <p>“Antarbharti Sahitya Samwad, 2011”</p> <p>“Perceptive of Early India: Archaeological, Anthropological and Historical”</p> <p>Training of Accent Neutralization</p>	<p>Local</p> <p>National</p> <p>National</p> <p>Inter-National</p> <p>National</p> <p>Local</p> <p>Local</p>	<p>Vileparle, 10th July 2010.</p> <p>Jai Hind College, Mumbai on 20,21 & 22 Sept. 2010.</p> <p>Uni. of Mumbai 27th to 29th Sept. 2010</p> <p>Sophia College for Women, Mumbai 7th & 8th Jan. 2011</p> <p>Mumbai on 8th & 9th Jan. 2011.</p> <p>Mumbai, 6th Feb. 2011.</p> <p>Ruia College, Oct. 2010</p>
55	Dr. Manjusha Gokhale	Sanskrit	<p>Vedanga Chhandas</p> <p>Ancient Indian Statecraft</p>	<p>National</p> <p>National</p>	<p>Pune 2010</p> <p>Mumbai 2011</p>
56	Vatsala Pai	Philosophy	Students symposium at S P college	Local	Pune
57	Himani Chaukar	Philosophy	<p>Indian Philosophical Congress</p> <p>Indo German Colloquium Between East and West</p>	<p>National</p> <p>International</p>	<p>Mumbai</p> <p>Mumbai</p>
58	Jyoti Waghmare	Philosophy	<p>Indo German Colloquium Between East and West</p> <p>Accent Neutralization training</p> <p>Training on Disaster Risk Reduction in Higher Educational Institutions</p>	<p>International</p> <p>Local</p> <p>State</p>	<p>Mumbai / 22 - 23 Nov 10. C</p> <p>14th Dec Oct 2010</p> <p>14th Dec, 2010</p>
59	Vaibhavi Palsule	Political Science	Two Day State Level Multidisciplinary Conference on "Maharashtra 1960-2010: Imaging the Past and Envisioning the Future"	<p>State</p> <p>State</p>	<p>Vaze College, Mulund, 22nd and 23rd January, 2010</p> <p>University of</p>

			State Level Seminar on Politics of language, culture and history of Maharashtra		Mumbai 27 th to 29 th September, 2010
60	Mrudul Nile	Political Science	National Seminar on "India's Energy Mix: The Next Trajectory (Path) of Development" at Nagindas Khandwala College, Chaired the session on "Energy Mix: Operational, Financial and Administrative Inefficiencies of State Electricity Board"	National	12 th & 13 th March 2010
61	Pooja Joshi	Psychology	Accent Neutralization	Local	Ruia College, October 2010
	Pooja Joshi	Psychology	Language Development with emphasis in Comprehension and Expressive language	Local	Don Bosco, Andheri
	Pooja Joshi	Psychology	Revised Syllabi for papers VII, VIII, and IX in Psychology at TYBA	Local	Ruparel College, Matunga
62	Anjali Bhelade	English	1. The Literary genius of Vinda and Chitre: A tribute 2. Forgiveness & healing across religion.	Local Inter-collegiate International	15 Sept. 2011 Mumbai 11 th Jan. 2011 Mumbai
63	Saroja Ganpathy	English	The Literary genius of Vinda and Chitre: A tribute	Local	15 Sept.
64	Arjun Kharat	English	The Literary genius of Vinda and Chitre: A tribute	Local	15 Sept.
65	Leena kedare	Marathi	Syllabus of SYBA Marathi <i>Vidyarthi Sahitya Sammelan</i> Akhil bhartiya Marathi sahitya sammelan Marathi bhasha ani vangmay mandal vidyarthi pratinidhi melava A tribute to vinda karandikar and dilip chitre Antar bharti sahitya samvad Sahitya sangeeti	Local Local Local Local National Local	Dadasaheb limaye college, Navi mumbai, 16 th july 2010 Patkar college, goregaon, 17 aug, 2010 Thane, 25 th , 26 th , 27 th dec 2010 Somaiya college, vidyavihar, 14 th and 15 th jan, 2011 Ruia college, 25 th sept, 2010 Welingkar institute, 8 th and 9 th jan, 2011 DAV college, bhandup, 17 th april, 2011
66	Shilpa Neve	Marathi	Syllabus of SYBA Marathi Vidyarthi Sahitya	Local Local	Dadasaheb limaye college, Navi mumbai, 16 th july 2010

		Sammelan			Patkar college,goregaon,17 aug,2010
		Akhil bhartiya Marathi sahitya sammelan	Local		Thane,25 th ,26 th ,27 th dec 2010
		Marathi bhasha ani vangmay mandal vidyarthi pratinidhi melava	Local		Somaiya college,vidyavihar,14 th and 15 th jan,2011
		A tribute to vinda karandikar and dilip chitre	Local		Ruia college,25 th sept,2010
		<i>Antar bharti sahitya samvad</i>	National		Welingkar institute, 8 th and 9 th jan,2011

Annexure 11:

Invited as a Judge:

S. No.	Name of Faculty	Title of the seminar/training	Local / State / National / International	Location / Date	Nature of the judging activity
1	Dr Jyoti D Vora	Tata Scholarship	Local	Ruia College	Tata Scholarship for college students
2	Dr. Jyoti D Vora	International Conference of the Association of Clinical Biochemists of India	International	Mumbai	Poster Session
3	Dr. Sunita Shailajan	Paradigm	Local	Mumbai, November 2007,	Quiz Competition
4	Abhijeet Gole	1) 2011 3 rd International Conference on Machine Learning and Computing February, 2011 Singapore	International	Singapore/ February 26-28, 2011	Session Chair
	Abhijeet Gole	2) International Journal of Emerging Technology in Learning	International		Peer Reviewer
	Abhijeet Gole	3) A National Conference on engineering and technology (NCETET - 2011) March 11 th , 2011 approved by AICTE and University of Mumbai	National	Mumbai/ March 11 2011	Peer Reviewer/ Session Chair
	Abhijeet Gole	4) 3rd International Conference on Mechanical and Electrical Technology	International	China	Peer Reviewer

		ICMET 2011 China.			
6	Dr.Suhas Pednekar	15th ISCB International Conference	International	Rajkot 4-7 feb. 2011	Peer Reviewer
7	Dr. Vora D.	Bioanalyze	Local	Khalsa College	Debate Competition and Collage Competition
8	Varsha Malwade	Judge, 'Arth- Gyaan 2010'	Local	Ramniranjan Jhunjhunwala College, 11th December 2010	Inter- collegiate students' event
	Varsha Malwade	Judge, elimination round, IAS Young Ambassador contest	National	Indo- American Society, 10th & 11th December 2010	elimination round, IAS Young Ambassador contest
	Varsha Malwade	Judge, Diwali Magazine Competition	State	NA	Diwali Magazine Competition
9	Devayani Ganpule	Judge,at "Arth-Gyan"	Local	R.Jhunjhunwala College,Mumbai	Event-"I-Lead"
10	Dr. Vasumathi Badrinathan	French Festival	Local	Hill Spring International School	Chief Guest at the French Festival. Judging students' events/addressing the gathering
11	Pradeep Waghmare	43 rd Mumbai University Inter-Collegiate Cultural Competition 2010-2011.	Zonal	SIES college of Commerce and Economics, Sion, 7 th Aug. 2010. Ruia College, 11 th & 12 th Jan.2011.	Debate and Elocution
12	Dr Kanchan Chitnis	Paradigm	Local	Nov 10	at 'Paradigm' event of Khalsa College for poster making
13	Shilpa Neve	Poetry recitation competition	Local	Patkar college,goregaon	Judging self-composed poems presented by students
	Shilpa Neve	Poetry recitation competition	Local	Andheri	Judging self-composed poems presented by visually challenged students

Annexure 12: Industrial Visits organized:

S.No.	Class	Organization visited	Purpose	Month and Year & Duration of the visit
1	MSc I & II (Biochemistry)	Jaipur National University, Jaipur hand-printing and handicraft's, Jaipur Dairy	Study tour	November 6 days
2	UG&PG (Biotechnology)	Bangalore	Tto interact with the industry experts and find the current trends and research in industry.	December 2010
3	T.Y. B.Sc. Biotechnology	Horticulture Training Centre, Pune	Educational Visit	January 2011
4	T. Y. & M.Sc.(Botany)	ICT	Food processing unit, Fermentor & Bioreactor	Feb 2011 One day
5	M Sc Herbal Science	ICT	To study Fermentor & Bioreactor	Feb 2011 One day
6	S.Y.B.Sc(Chemistry)	BASF Factory at Turbhe, NaviMumbai	Industrial exposure to the students	March,2011
7	T.Y.B.Sc. (Chemistry)	United Breweries Ltd ACTREC	To understand industrial setup and live processing Instrumentation, interaction regarding Cancer Biology	14 th Jan2011
8	FYBA , SYBA , TYBA (Economics)	Nasik- Sula Wines, Pravaranagar Cooperative Sugar Factory, Yeola Paithani Making	Understanding the operations and functioning of Wineries, Cooperative Sugar Factory, Yeola Paithani Making	August 2010
9	FYBA , SYBA , TYBA (Economics)	Kutch	Kutch earthquake rehabilitation, tribal art, forest resources, naturotherapy centre	January 2011
10	S.Y./T.Y.B.A. (History) S.Y./T.Y.B.A S.Y./T.Y.B.A S.Y./T.Y.B.A S.Y./T.Y.B.A	Deccan College of Post Graduate and Research Institute. Dinesh Mody Institute of Numismatics and Archaeology Bhau Daji Lad Museum Maharashtra Nature Park, Mumbai Bhopal, Sanchi and Bhimbetaka	To visit one of the leading PG and research institute of archaeology To study the History of Indian Numismatics To see the glory of Mumbai's past and its various communities. To visit world heritage sites	5 th August 2010 One Day 17 th July 2010 one day 24 th August and 4 th December one day 24 th January 24 th November to 28 th November. four days
11	FY,SY,TYBA	Kanheri Caves	To study ancient Indian sculptures	Nov.2010
12	TYBA	Lohagad fort and karlebhaje caves and walwan dam	To generate awareness about historical places	1 st and 2 nd march,2011

Annexure 13: Seminars/Workshops Attended by Students Elsewhere:

S. No.	Name of Students /Class	Title of the seminar/training	Local / State / National / International	Location / Date	Duration
1	MSc	Hematological techniques	Local	Mumbai	4 days
2	MSc students	Health Fair	Local	Mumbai	2 days
3	Ms. Sharvari Malshe and Ms. Harshal Naik	Paneer making Competition	Local	Mumbai	1 day
4	MSc Students	Processed Foods and Nutraceuticals	Local	Mumbai	2 days
5	M.Sc part II Biotechnology	International Conference for Current Research in Biosciences	International Conference	St. Xavier's college	21 st -23 rd December 2010
6	M.Sc PartII Biotechnology	UGC Interdisciplinary National Bioscience Seminar- Planet Earth Take Care Take Charge	National	Jai Hind College	26 th -27 th November 2010
7	M.Sc. Part I Students	Industrial Training at Ross Life-sciences Pvt Ltd, Pune	State	Pune	30 days
8	M Sc- 1. 1.Sudhir Khodwekar 2. Humanaaz S 3. Jagdeep Patil 4.Pradnya Bhosale 5. Ashwini Chiplunkar 6. Reshma Varhadi 7. Shrutika kumtekar	National Seminar Vision 2025- Technological developments in Biological Sciences, Patkar college, 5 th young researchers conference, ICT, Mumbai National Seminar on frontiers in Biotechnology, C K T college, Panvel	National	Mumbai, 17-19 Jan , 2011	3 days
			National	Mumbai, 13-14 th jan 2011	2 days
			National	3-4 dec 2010	2 days
9	Ms. Mansi Yeragi (Ph. D.)	International conference on Folk and Herbal medicine	International	Mohanlal Sukhadia University, Udaipur, Rajashthan, 25 th -27 th November, 2010.	3 days

	Ms. Mansi Yeragi (Ph. D.)	National conference on role of chemistry in health and diseases	National	Mithibai College, Mumbai, 17th-19th January 2011.	3 days
	Ms. Mansi Yeragi (Ph. D.)	National Conference on current trends in biological sciences	National	R K Talreja College, Kalyan, 29 th -30 th January, 2011.	2 days
	Ms. Mansi Yeragi (Ph. D.)	15 th ISCB International Conference	International	Rajkot, 4 th -7 th February, 2011.	3 days
	Ms. Mansi Yeragi (Ph. D.)	National conference on Natural Products: Green interface between Chemistry and Environment (NCGC – 2011)	National	Maya Institute of Technology and Management, Dehradun, 18 th – 19 th June 2011.	2 days
10	Ms. Neelam Sayed (Ph. D.)	National Conference on current trends in biological sciences	National	R K Talreja College, Kalyan, 29 th -30 th January, 2011.	2 days
	Ms. Neelam Sayed (Ph. D.)	1 st SAARC Conference on Unani medicine	International	Aligarh Muslim University, Aligarh, 2 nd -4 th February, 2011.	3 days
	Ms. Neelam Sayed (Ph. D.)	National conference on Natural Products: Green interface between Chemistry and Environment (NCGC – 2011)	National	Maya Institute of Technology and Management, Dehradun, 18 th – 19 th June 2011.	2 days
11	Ms V Maru of M.Sc Part II	Summer research fellowship of Indian Academy of Sciences		May-June 2010 at Prof. S.Dayananda's Laboratory, University of Hyderabad.	two months
12	Yogesh D Walawalkar	“Avishkar-2010 (Inter University Research Festival) won 2 nd prize was awarded a cash prize of Rs.3000/- and also selected for national level competition	State level	Avishkar 2010	3 days
13	Mr. Rajesh Mehta	“Avishkar-2010 (Inter University Research Festival) won 3rd prize at intrauniversity level & was ranked fifth in interuniversity level	State level	Avishkar 2010	3 days
14	Nabila Kachi	‘Evolutionary adaptation of Pitichia for high alcohol tolerance’ selected by DBT-UICT Centre of Energy Biosciences, Institute of Chemical Technology, Matunga. This	Local	DBT-UICT Centre of Energy Biosciences, Institute of Chemical Technology, Matunga.	6 months

		scheme includes a contingency of Rs10000/- and a 6 month fellowship.			
15	Ms Sailee Lavekar of F Y B SC	training camp at BARC	Local	BARC	one week
16	Ms Niranjana Krishnan	won 3 rd Prize in “Quiz of the Decade”	Local		
17	Ms. Amruta Sadhu	Gravitation Way Astronomy	National	13 th Dec to 23 rd Dec Delhi	10 Days
18	Ms. Sitara Menon	Summer School in Astrophysics	National	Bangalore May	8 Days
19	Ms. Amruta Sadhu	Gravitation Way Astronomy	National	13 th Dec to 23 rd Dec Delhi	10 Days
20	BSc Life Science	International Conference on Current Research in Biosciences	International	Xaviers College, Mumbai, Dec 10	2 days
21	Sara Ashraf & Tamanna Ahmed	Seminar on International Economy by Lord Meghnad Desai	Local	St. Xavier’s College, Mumbai 14 th August 2010	One Day
22	Swapna Joshi- T.Y.B.A.	‘Heritage Tourism: Prospect and Challenges’	International	ICLES M.J.College	Two Days
23	Anuja Joshi –S.Y.B.A.	‘Heritage Tourism: Prospect and Challenges’	International	ICLES M.J.College	Two Days
24	Sukhada Joshi	‘Heritage Tourism: Prospect and Challenges’	International	ICLES M.J.College	Two Days
25	Maithili Sawant	‘Heritage Tourism: Prospect and Challenges’	International	ICLES M.J.College	Two Days
26	Sayali Sawarkar	‘Heritage Tourism: Prospect and Challenges’	International		Two Days
27	Swapna Joshi- T.Y.B.A.	Avishkar	State	University of Mumbai	One Day
28	Vishakha Naik T.Y.B.A.	Avishkar	State	University of Mumbai	One Day
29	Sabita	Research Methodology	Local	Heras Institute	
30	Swapna Joshi- T.Y.B.A.	“My country India:	National	ICLES	Two Days

		reviving patriotism of 1885 in contemporary times”		M.J.College	
31	Veenit Sawant	“my country India: reviving patriotism of 1885 in contemporary times”	National	ICLES M.J.College	Two Days
32	FY,SY,TYBA Total no. of studts 25	Seminar on Kautiliya Arthashastra	state	Pune, Jan. 2011	2 days
33	Srushti Haldipur (FYBA), Pawan Swami, Neha Podar, Ekta Bhor, Ishant chinchalkar (TYBA)	Presented papers at Student’s symposium organized by the Dept. of Philosophy, S. P. college, Pune	Local	Pune	2 days
34	Gayatri Lele,Sayuri Gavaskar,Anushri Phadnis,Gauri Pange,Palavi Moghe,Maithili Sawant,Omkar Chavan,Asawari Fadke,Snehal Bhosle and Shalmali Redkar	Vidyarthi sahitya sammelan (represented college for self-composed poetry and selected for comparing and interview session)	Local	Mumbai	1 day
35	Gayatri Lele,Sayuri Gavaskar, Anushri Phadnis,Gauri Pange,Palavi,Shraddha Kusrkar,Sayali Sawarkar,Maitraye Mhane,Snehal Bhosle,Prajakta Bhide,Asawari Phadke Gayatri Lele,Sayuri Gavaskar Prajakta Bhide,Samir Dighe,Mrunmayi Kenekar Sayuri Gavaskar	Akhil bhartiya sahitya sammelan Navodit kavi sammelan (upcoming poets selected for reciting their self composed poems) Vachankatta (Literary programme on Aakashvani) Coffee house (Opportunity for episode-writing for Aakashvani)	National State State State	Thane,maharashtra,24 th ,25 th ,26 th dec 2010 Mumbai Mumbai Mumbai	3 days 1 day 1 day Occasional

Annexure 14: Events/Festivals conducted :

S.No.	Event/Festival	Department	Month/Year	Purpose & brief description	Inaugurated by / Guest / Organization
1	Appetisers	Biochemistry	January 2011	Extra – Academic & Extra – mural (Departmental Festival)	Mrs. Sulabha Arya – Ruia Biochemical Canvas
2	Chimera	Biotechnology	November-2010	Intercollegiate festival to interact with the students all over Mumbai university and to develop their organizational skills and to make platform available for interaction with eminent Industrial personalities and know about the current scenario at the industrial levels.	Ms. Devayani Ganpule
3	Kingdom plantae forFY, SY, T Y , M Sc Botany&M.Sc Herbal Sci.	Botany	Jan 2009	competition	Internal
4	Chemfest for UG	Chemistry	Sep,2010	Providing platform to the students for developing skills in chemistry, Intercollegiate competitions such as chemquiz, seminar presentation, poster presentation aptitude test	Internal
5	Chemfest for PG	Chemistry	Jan.2011	Providing platform to the students for developing skills in chemistry, Intercollegiate competitions such as seminar presentation, poster presentation aptitude test	Internal
6	Techstorm	Computer Science	December 2010	Techstorm' 10 an Intercollegiate IT Festival organized every year by the Department.	Mr. Mhatre Vice President Patni Computer Systems (PCS)
7	“Microbes 2010-11”	Microbiology	14 th Jan 2011	Annual intercollegiate event & exhibition of biodiversity . M.Sc. part II students exhibited their research projects	Internal
8	Infinity	Physics	Jan.2011	To students and staff of the college , other than Physics , the thrill of experimental physics	Prof.D. Kothari

9	Synapse 11	Life Science	Jan 11	To hone skills of students, they learn more through these fests by understanding team work and management	Mrs Devayani Ganpule, Vice Principal, Ruia College
10	ELIXIR	Economics	December 11	To provide opportunity for Inter-college competitions and organizing skills for the students,	Mr Girish Kuber, Executive Editor, Loksatta
11	French Day Celebrations	French	July 2011	Developing student interest and autonomous functioning. Special talk by Chief Guest on Being Indian, Being French: Life of Indian diaspora in France	Mr. Sylvain Julien, Legal Attache, French Consulate.
12	Treasure Hunt	French	Sept 2011	Think innovate and improve French skills. Acquaint non French students with beauties of French language/culture. Acquaint students with the hidden French touch in Ruia.	Prof Jyoti Rao, Head, Dept of Physics, Ruia College
13	“COMSENSE-2011”	Commerce	on 13 th and 14 th January 2011	Business quiz, Debate & Powerpoint competitions were conducted and on 14 th January 2011, Logo makeover and ‘Salesman of the year’ competitions were held.	Mr. Rajesh Dedhia, Director, Vantage Academy – conducting courses in CFP
14	Kalidasadin	Sanskrit	July 2010	A talk on meghaduta	Dr. Parinita Deshapande
15	Sanskrit-day	Sanskrit	Aug.2010	A talk on Kautiliya Arthashastra	Dr. Uma Vaidya
16	Dept. festival ‘Reconquista’	Philosophy	3 days intercollegiate festival	To develop students interest in the subject	Internal
17	We The People	Political Science	January 2011	To generate political awareness amongst Youth. It includes various events like Quiz on Politics, Youth Parliament, Power-Point Presentation competition and Political Skit competition.	IRS officer, Mr. Sameer Wankhede
18	Perceptions- Psychology dept Intra collegiate annual festival	Psychology dept	Jan’ 11	Annual Psychology festival to orient students to current psychotherapies.	Internal
19	Mad Hatters- Inter-Collegiate Literary Festival	English	Local	Mumbai, 17 th , 18 th Jan 2011	Film Maker Ms. Sanika Prabhu

Annexure 15: No. of teachers with Ph.D. Guide status

S. No	Name of the faculty	Subject	University & Date of Recognition	No of students		Research Interests
				Completed	Registered	
1	Dr. Jyoti D Vora	Bioanalytical Sciences	University Of Mumbai	NA	01	Enzymology, Plant Biochemistry, Nutrition & Dietetics, Biochemistry, Bioanalytical Sciences, Nutraceuticals
2	Dr. Behnaz B Patel	Botany	Mumbai, 2005	-	3	Cytogenetics
3	Dr. Sunita Shailajan	Botany, Bioanalytical Science	Mumbai,	-	4	Herbal Science
4	Dr. Bhavna Narula	Botany	Mumbai, 2009		2	Plant Physiology
5	Dr. Jessy Pius	Botany	Mumbai, 2009		2	Plant biotechnology
6	Dr. Suhas Pednekar	Org. chemistry	Mumbai 1983	Ph.D. 09 & Research 10	Ph. D. 08	
7	Dr. P.A. Sathe	Anal. Chemistry		1	6	
8	Dr. V.V. Vaidya	Anal. Chemistry	Mumbai, June 2006.	06(03 submitted thesis) (12 M.Sc.)	07 + 02(At SRTM Uni.) + 01 M.Sc.(Res)	Instrumental methods of analysis. Schiff's bases.
9	Dr. V. V. Dighe	Anal. Chemistry	Mumbai, PG/2/1872 dt 17.6.2006	9 M.Sc, 1 Ph.D, 3 gave thesis	8	Pharma analysis, herbal medicine standardization
10	Dr. V. V. Dighe	Bioanal Science	Mumbai, PG/2/3639 dt 6 Oct 2009	NA	NA	Bioanalytical Sc.
11	Dr. Jyoti Rao	Physics	Mumbai-2008	One	One	Theatrical Physics
12	Dr. Ravindra Phadke	Microbiology	Mumbai	Nil	Nil	
13	Dr. Dipak Vora	Microbiology	Mumbai	Nil	03	Enzymology, Probiotics & Endophytes
14	Dr. Sanjay V. Bhagwat	Zoology	Mumbai ,2001			Ecology, Cytology
15	Dr. Ganesh Iyer	Life Science	Mumbai			
16	Dr. Manjusha Gokhale	Sanskrit	Mumbai, 2008		01	Vedic and classical Sansk. Literature
	Total: 16					

Annexure 16: No. of Ph.D students registered in the department

S.No.	Name of the Student	Subject	Thesis Title	University & Year of Registration	Guide
1	Mr. Prashant M Masali	Bioanalytical Sciences	Biochemical and Environmental characterization of Aloe vera	University Of Mumbai, June - 2010	Dr. Jyoti D Vora, Ramnarain Ruia College
2	Ms. Smita Nair	Botany	Development of transgenic plants with metal transporter genes for ohytoremediation	Mumbai.2010	Dr. Jessy pius
3	Ms. Shrutika Kumtekar	Botany	Evaluation of bioactive compounds and biosynthetic potential of in vitro cultures of <i>Mirabilis jalapa</i> L	Mumbai, 2010	Dr. Jessy pius
4	Ms. Harshada Hande	Bioanalytical Sciences	Study of <i>Aegle marmelos</i> Linn. (Corr.), <i>Punica granatum</i> Linn. and <i>Urtica dioica</i> Linn. as anti-diabetic agents	Mumbai, 2010	Dr. Sunita Shailajan
5	Mr. Harshvarshan Joshi	Bioanalytical Sciences	Bioanalytical approach to standardization of Quercetin rich plants <i>Argyrea nervosa</i> (Burm. F.) Bojer, <i>Cuscuta reflexa</i> (Roxb.) and <i>Euphorbia hirta</i> (Linn.) in the management of hyperlipidemia	Mumbai, 2010	Dr. Sunita Shailajan
6	Minu Mansoor Ali	Microbioogy	Isolation, Characterization and industrial potential of certain bacterial endophytes	Mumbai May 2011	Dr. Vora D.
7	Sheela Sarang	Microbioogy	Comparative study of Tannases from Lactobacillus and Related organisms	Mumbai Dec 2010	Dr. Vora D.
8	Dipti Khot	Zoology	Zoology	Mumbai	Dr Sanjay Bhagwat
	Total: 8				

Annexure 17:**Students registered for M.Sc. by research:**

S.No.	Name of the Student	Subject	Thesis Title	University & Year of Registration	Guide
1	Ms. Namrata	Botany	Novel products from <i>Cyanobacteria</i> and microalgae and their use	Mumbai, 2010	Dr. Sunil Shankhadarwar

Members of the IQAC

Dr. Suhas Pednekar, Principal – Chairperson.

Dr. (Mrs.) Urmila Moon)- Coordinator.

Mrs.Sucheta Ketkar- Co-coordinator.

Dr. S. D. Samant, Professor of Chemistry, Dept. of Applied Chemistry, ICT - Member.

Dr. S. G. Bhalerao, Member of the Managing Council, S. P. Mandali, Pune - Member.

Dr. (Mrs.) Louiza Rodrigues – Member.

Dr. Jessy Pius – Member.

Dr. Sunil Shankhadarwar – Member.

Dr. (Mrs.) Manik Patwardhan – Member.

Dr. (Mrs) Vaibhavi Palsule – Member.

Mr. S.P.Dabhade – Member.

Dr. Urmila Moon

Coordinator - IQAC

Dr. Suhas Pednekar

Chairperson - IQAC