

THE ANNUAL QUALITY ASSURANCE REPORT
(AQAR) OF THE
INTERNAL QUALITY ASSURANCE CELL (IQAC)

ACADEMIC YEAR: 2010-11

Submitted by



Maharashtra Education Society's
Abasaheb Garware College

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To:

**NATIONAL ASSESSMENT & ACCREDITATION COUNCIL
(NAAC)**

P. O. Box No. 1075, Nagarbhavi, Bangalore 560072.

The Annual Quality Assurance Report (AQAR) of the IQAC

Name of the Institution: **M.E.S. Abasaheb Garware College**

Year of the Report: **2010-11**

Part A:

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

The IQAC of the College had successfully achieved its major objective of obtaining the 'A' Grade at the NAAC Reaccreditation in February 2010.



Dr. S. G. Gupta, (second from left) Principal, Abasaheb Garware College, receiving the NAAC Accreditation Award at NAAC, Bangalore

Keeping with its motto of continual quality enhancement, it was felt that a younger team should be incorporated within the IQAC, with a balance of experienced teachers; and the IQAC was restructured, as follows:

IQAC Coordinator:	Dr. Aparna Agashe
IQAC Members:	Dr. B. D. Bhole, Dr. Monika Vaidya, Dr. P. D. Sonawane, Dr. S. N. Suryawanshi Mrs. Chitra Nagarkar

The targets set forth for the year were:

1. Restructuring the College IQAC to function till next NAAC reaccreditation.
2. Ensure that the Quality Improvement Programmes (QIPs) of the departments are quantitatively and qualitatively enhanced
3. To continue with the ongoing process of Departmental Presentations
4. To prepare for CENTRE WITH POTENTIAL FOR EXCELLENCE
5. To Initiate the ARTS FORUM with the following objectives:
 - To ensure interdisciplinary interactions between faculty
 - To sensitize students towards issues of common concern
 - To develop a holistic attitude towards research in social science
 - Enhance communication and exchange of information between faculty
 - To motivate research projects and procurement of grants through various agencies

Part B:

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

A summary of the activities based on the above goals and objectives set for 2010-11 were accomplished as follows:

	Goal / Objective	Activity
1.	Restructuring the College IQAC	A new team of young teachers was instated, with Dr. Aparna Agashe as the Coordinator of the IQAC.
2.	Increase in number and quality of Quality Improvement Programmes (QIPs)	<ul style="list-style-type: none">• International level Conferences• National level Conferences• State level Conferences• Workshops for Curriculum update / revision / innovation• Teachers deputed for Faculty Improvement Programs (Ph.D., Refresher Courses, etc.)
3.	Continue the process of Departmental Presentations	This was postponed, however the presentations for 2009-10 and 2010-11 have been conducted at the time of submission of this report
4.	Prepare for CENTRE WITH POTENTIAL FOR EXCELLENCE	The preparations are in progress, and details are being worked out (feasibility studies) before presentation to the University and UGC.
5.	Initiate the ARTS FORUM	The <i>Arts Forum</i> was established and several programs were conducted under its aegis.

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

After the NAAC Reaccreditation, the college felt that with the present limitation of space on campus, it would be more appropriate to strengthen the existing academic systems and programs, and make the campus more congenial for student activities, rather than initiate new academic programmes. Besides this, it

is evident that the College already has a wide spectrum of subject / discipline options at both the undergraduate and postgraduate levels. Hence, no new academic programs were initiated this year.

3. Innovations in Curricular Design and Transaction:

Members of the teaching staff and the departments of the college have been involved in organizing workshops in the college for syllabus revision. This has enabled them to contribute to important decisions in the teaching-learning process.

The Departments that have held syllabus restructuring workshops are:

- **Department of Biotechnology:** This workshop was held to revise the syllabi for the S.Y.B.Sc. and T.Y.B.Sc. Practical Courses. The workshop was held on 12th and 13th August 2010.



- **Department of Botany:** The Board of College and University Development (BCUD) University of Pune sponsored a workshop to detail out and restructure the T.Y.B.Sc. Practicals. The workshop held on 31st July 2010, was very successful and the desired objective of preparing detailed protocols for each experiment was achieved.



4. Interdisciplinary programs started: No new interdisciplinary programs were initiated this year.

5. Examination reforms implemented:

Since the academic courses are affiliated to the University of Pune, the syllabi and examinations patterns are dictated by the University, the college only has the flexibility of the schedule for the Internal Examinations held by the college. Hence, no specific reforms in the Examination system were implemented, except for the Internal Test (Mid-Term Examination) which has been formalized as a central activity with a detailed week-long schedule and format for submission of marks and examination results. The objective of this exercise has been to restrict the loss of teaching days, if the examinations are conducted separately by each teaching department.

Examination Reforms

The University Grants Commission (UGC) has extended assistance to our college under the provisions of XIth Plan under Merged schemes a corpus of Rs.

2,00,000/- for examination reforms. Dr. Monika Vaidya was appointed as coordinator for this activity. Following are the activities planned and conducted during the year 2010 – 2011.

1. A meeting of all Heads of Postgraduate Departments of Arts was held on 17.02.2011 to discuss possible ways of changing the pattern of internal assessment for M.A. in Economics, Hindi, History, Marathi, Politics and Psychology.
2. A second meeting was held on 06.03.2011 at which Dr. Monika Vaidya gave information on the guidelines given by the UGC on Examination Reforms in a 2006 report. Dr Savita Deshpande, Head, Department of Psychology spoke on the present day examination system and evaluation techniques.
3. As decided in the above two meetings a centralized internal examination was held for M.A. Economics, History, Politics and Psychology from 06.04.2011. Hindi and Marathi were not included as their guidelines for internal assessment are specified by the University of Pune.

6. Candidates qualified: NET / SET / GATE, etc.

1. Miss Ila Marathe	M. Sc. Microbiology	GATE
2. Mr. Suraj Joshi	M. Sc. Microbiology	GATE
3. Miss Supriya Khedkar	M. Sc. Microbiology	GATE
4. Miss Archana Bhide	M. Sc. Microbiology	NET (JRF)
5. Mr. Vinayak Khodade	M.Sc. Chemistry	NET (JRF)
6. Mr. Dinesh Paymode	M. Sc. Chemistry	GATE

To assure the success of candidates appearing for SET / NET examinations, some college departments organize a training programme under the aegis of the University of Pune. This training is specially meant for prospective candidates belonging to the Reserved Categories, however the college also trains all other students under the same programme. The departments involved in organizing

this training programme are the Departments of Economics, History and Computer Science.

- Department of Economics: Two workshops held from 15 – 25 September 2010, and 1 – 8 February 2011.
- The Department of History coaches students for the UPSC and MPSC examinations, with a contact time of four hours per week.
- Department of Computer Science: One workshop held from 23rd May to 11th June 2011.

7. Initiative towards Faculty Development Program:

Two teachers were delegated to go for the UGC sponsored Faculty Improvement Program during 2010-2011 under provisions of UGC XIth plan.

Sr. No	Name of the teacher	Department	Date of relieving the teacher
1.	Prof. Vandana Shelar	Librarian	September 2010
2.	Prof. R. S. Rajuskar	Electronics	January 2010

8. Total number of Seminars / Workshops conducted: 9.

**SEMINARS / WORKSHOPS / CONFERENCES ORGANIZED
BY THE COLLEGE (2010-11)**

Sr. No.	Particulars	Dates	Department
1.	State level conference on “ <i>Madhyayugin Marathi Vyagnmay Etahasathil Thalak Vyagnmayin Pravah-Ek Akalan</i> ” supported by the BCUD, University of Pune under the Quality Improvement Program	7/02/2011 to 8/02/2011	Marathi
2.	National Conference on “ <i>Sensor Networks and Embedded Systems</i> ” supported by the BCUD, University of Pune under the QIP	2/02/2011 to 4/02/2011	Electronic Science

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3.	Two-Day State Level Workshop on “ <i>Recent Trends in Information Technologies and Use of ICT in Teaching</i> ” supported by the BCUD, University of Pune under the Quality Improvement Program	24/01/2011- 25/01/2011	Computer Science
4.	International Conference on “ <i>Buddhism Past and Present</i> ” supported by the BCUD, University of Pune under the Quality Improvement Program	27/01/2011 and 29/01/2011	History
5.	One-Day workshop on “ <i>Vivahpurvak Samupdeshan</i> ” supported by funding from the XIth UGC Plan Grants.	27/09/2010	Psychology
6.	One-Day Workshop on “ <i>Biodiversity Study and GPS application</i> ”	11/12/2010	Botany
7.	Three-Day Workshop on “ <i>Sports Counseling</i> ” supported by funding from the XIth UGC Plan Grants.	4/10/2010- 6/10/2010	Psychology
8.	Workshop on Preparation for NET-SET Examinations, supported by BCUD, University of Pune under the Quality Improvement Program	15/10/2010- 21/10/2010 & 10/03/2011- 15/03/2011	Marathi
9.	One-Day Workshop on “ <i>Revised syllabus of T. Y. B. Sc. Botany Practical-1(BO-347)</i> ” sponsored by BCUD, University of Pune under the Quality Improvement Program	31/07/2010	Botany

Foreign Delegates and Dignitaries at the
International Conference on “*Buddhism Past and Present*”
Organized by the Department of History



Proceedings of the Conference in College Auditorium



Release of the Proceedings of the
National Conference on “*Sensor Networks and Embedded Systems*”
Organized by the Department of Electronic Science.



Inaugural Function of the State level conference on
“*Madhyayugin Marathi Vyagnmay Etihasathil Thalak Vyagnmayin Pravah-Ek Akalan*”
Organized by the Department of Marathi.



RESEARCH PROJECTS

Newly implemented: Total 11

Supported by the Board of College and University Development
(University of Pune)

Sr. No.	Name of the teacher	Amount (Rs.)	Duration
1.	Mrs. Swati Katdare	45,457/-	Two years
2.	Dr. Neelima Deshpande	50,191/-	Two years
3.	Dr. Karuna Pardeshi	53,212/-	Two years
4.	Dr. S. M. Rathod	63,750/-	Two years
5.	Dr. S. N. Suryawanshi	71,911/-	Two years
	Total (Rs.)	2,28,521/-	

UGC Minor Research Projects

Sr. No.	Name of the teacher	Amount (Rs.)	Duration
1.	Dr. Sunita Bhagwat	1,45,000/-	Two years
2.	Dr. G. L. Bhong	2,95,200/-	Two years
3.	Dr. Surinder Kaur Sandhu	52,500/-	Two years
4.	Dr. Amol Vidyasagar	57,500/-	Two years
5.	Dr. Shobha Waghmode	57,500/-	Two years
6.	Dr. Monika Vaidya	80,000/-	Two years
	Total (Rs.)	6,87,700/-	

9. Patents generated, if any: The research work initiated is not yet near completed. There are no patents filed or awarded yet.

10. New Collaborative Research Programs: No new programmes were initiated. The Department of Biodiversity continues to have academic collaborations with the following:

- School of Ecology and Conservation, UAS, Bengaluru.
- College of Forestry, Sirsi, Karnataka.
- Research and Action in Natural Wealth Administration, Pune.

11. Research Grants Received from Various Agencies:

The total amount of Rs. 9,16,221/= (as listed on the previous page, # 8) were received by our researchers.

12. Details of Research Scholars:

The college has several faculty members doing research. The teachers and their research areas are outlined below:

	Name of Teacher	Department	Area of Research
1.	Dr. Varada Deshpande	Economics	Micro Finance in India-An Effective Tool for Women Empowerment Banking Sector Reform in India
2.	Dr. T. S. Kamble	Economics	<i>“Grahak Sahkari Sansthacha Samajik Arthik Vikasatil Sahbhag”</i>
3.	Mr. Nitin Ade	Economics	Liberalization, Privatization & Its Impact on Balanced Regional Development
4.	Dr. R. S. Suryawanshi	Geography	Applications of Remote Sensing & GIS in Geography
5.	Dr. Jalinder Bhosale & Dr. Monika Vaidya	History	Pune: Political and Social Change
6.	Dr. Ankur Patwardhan	Biodiversity	Biotechnological interventions for conservation and utilization of forest resources; Camptothecin distribution in Endangered Medicinal Plant species

7.	Dr. S.A. Waghmode & Mrs. V.K. Kalyankar	Chemistry	Biomimicking of Cu-Zn superoxide dismutase enzyme
8.	Dr. R. C. Chikate	Chemistry	Nanomaterials and Catalysis
9.	Dr. B. D. Bhole	Microbiology	Biodegradation of Textile Dyes using Microbial Sources.
10.	Dr. Neelima M. Deshpande	Microbiology	Studies on river water sediment isolates of Actinomycetes as a source of novel secondary metabolites
11.	Dr. Sulabha K. Karandikar.	Microbiology	Optimization of Alcohol production using invertase producers
12.	Dr. S. S. Diwanay & Mr. V. G. Kshirsagar	Microbiology	Developing Novel Nutraceuticals
13.	Dr. Bharati J. Bhadbhade	Microbiology	Biodegradation of Pesticides
14.	Prof. A. B. Shinde	Physics	Low temperature synthesis and characterization of nanocrystalline ferrite.
15.	Dr. Jayashree Pant	Physics	Nanoscience
16.	Dr. Sunita Bhagwat	Physics	Material Science
17.	Dr. A. D. Padhye	Zoology	Ecodiversity

13. Citation index of faculty members and impact factor: Not defined

14. Honors / Awards to Faculty:

Several teachers of the college were elected to the statutory bodies of the University of Pune, besides achieving personal academic laurels and honours from academic and scientific organizations. These are as stated on the following page:

Faculty of Science

The teachers listed below were elected as members on their respective Boards of Studies in the University of Pune for the term 2011-2016

1. Dr. G. L. Bhong – Dept. of Economics
2. Dr. P. B. Buchade – Dept. of Electronic Science
3. Dr. R. S. Suryawanshi – Dept. of Geography

The following teachers were co-opted as members on Board of Studies in University of Pune for the term 2011-2016

1. Dr. S. S. Diwanay – Dept. of Microbiology
2. Dr. Varada Deshpande – Dept. of Economics
3. Dr. Neela Borwankar – Dept. of Hindi
4. Dr. R. C. Chikate – Dept. of Chemistry

Individual Honors / Awards received by teachers:

Department of Chemistry:

Dr. R. C. Chikate

1. Selected as a Fellow of Maharashtra Academy of Sciences for his contributions in the field of Science & Technology in the year 2010.
2. Involvement in a collaborative research program with Advance Industrial Science & Technology, Japan, in the field of catalysis. This program has been funded by the Ministry of Education & Technology, Japan, for next 3 years.

Department of Microbiology:

1. Dr. B. D. Bhole, Head, Department of Microbiology, Member of Organizing Committee for Organizing the 50th Annual AMI Conference in NCL, Pune.
Presented a Poster at 50th Annual AMI Conference in NCL, Pune.

2. Prof. V. G. Kshirsagar, Member of Organizing Committee for Organizing the 50th Annual AMI Conference in NCL, Pune.
Presented a Poster at 50th Annual AMI Conference in NCL, Pune
3. Dr. S. S. Diwanay, Presented two Posters at 50th Annual AMI Conference in NCL, Pune
4. Dr. Neelima Deshpande, Presented two Posters at 50th Annual AMI Conference in NCL, Pune, **one of which was awarded the First Prize.**
5. Dr. Sulabha Karandikar, Research Paper accepted at the XVII Int. Conference on Bio-encapsulation at Netherlands.
Presented a Poster at 50th Annual AMI Conference in National Chemical Laboratory, Pune.

Department of Biodiversity:

Dr. Ankur Patwardhan, Head, Department of Biodiversity:

Worked as one of the invitees at the Indo-Brazil South Africa, (IBSA) Ecosystem Assessment Workshop held in Pretoria South Africa in May 2010

Shri. Anagh Purandare, Department of Biodiversity:

Invited Speaker at the Young Ecologist Talk & Interact (YETI) in Bangalore, October 2010

Ms. Monali Mhaskar, Research Staff, Department of Biodiversity:

1. Won Best Poster Prize at the International Students Conference on Conservation Science (SCCS) organized by Indian Institute of Science, NCBS, & ATREE Bangalore in September 2010.

Department of Physics:

1. Dr. S. V. Gaikwad Presented a paper at the International Conference held in Abasaheb Garware College on 6-8 March, 2010.

2. Dr. S. M. Rathod Presented a paper at the International Conference held in Abasaheb Garware College on 6-8 March, 2010.
3. Dr. Sunita Bhagwat Presented a paper at the International Conference held in Abasaheb Garware College on 6-8 March, 2010.
4. Dr. Jayashree Pant Presented a paper at the International Conference held in Abasaheb Garware College on 6-8 March, 2010.

FACULTY OF ARTS

Department of Education:

Dr. Atul Kulkarni

Awarded a Ph.D. degree in Education from the University of Pune under the guidance of Dr. Snehal Tawade.

Department of Psychology:

1. Dr. Savita Deshpande – Head, lectured at Raipur University and attended a Workshop at University of Mumbai.
2. Presented Paper at National Conference at Malegaon, participated at workshop on “Pre-marital counseling” at New Arts, Science and Commerce College, Ahmednagar.

15. Internal Resources Generated:

Centre for Product Development and Analytical Testing (CPDAT)

The CPDAT is an activity of the Department of Chemistry. The Centre handles contractual research and development work for industry. This year following work was performed by the center. The details are given on the following page.

Sr.No.	Name of the Organization	Nature of work	Revenue generated (Rs.)
1.	CHEM-TECH Laboratories, Pune.	FT-IR Analysis of samples	20,350.00
2.	Specs, Holland.	Samples for screening	1615.00
3.	Poona College of Arts and Science, Pune.	FT-IR Analysis of samples	4275.00
4.	Arts, Commerce and Science College, Junnar, Dist. Pune	FT-IR Analysis of samples	225.00
5.	Jnana Prabodhini, Pune.	Consultation for Steviosides Isolation	13,500.00
Total (Rs.)			39,965.00

Research Grants

The resources generated for infrastructure / equipment additions in departments through research grants have already been outlined. The total monetary resources generated from these grants have been stated earlier.

16. Details of Departments getting SAP, COSIST (ASSIST) / DST FIST, etc. Assistance/Recognition:

UGC ASSISTANCE RECEIVED DURING XITH PLAN

Sr. No.	Head of Expense	Grant allocated (Rs.)	Grant released during 2010-2011
1.	College Development Grant	17,00,000/-	9,00,000/-
2.	Merged schemes	50,80,000/-	16,18,000/-
3.	PG Departments (Hindi, Chemistry, and Microbiology)	15,10,000/-	4,55,328/-
	Total	82,90,000/-	29,73,328/-

17. Community Services:

a. National Cadet Corps (NCC):

This year 80 senior division cadets of our college enrolled in NCC army wing. Several cadets participated in various camps and adventures held across the country and organized by 2 Maharashtra Battalion, Pune 411004.

National Integration Camp (Cultural):

This camp was held at Aurangabad from 15th May 2010 to 26th May 2010. CPL Girish Katare worked as Pune Group Senior and also got First Rank in the cultural competitions.

Annual Training Camp I: This year the first annual training camp was held at "Aundh (Maratha Light Infantry), from 19th July 2010 to 30th July 2010. Fifteen cadets participated in this camp with four first year cadets and 11 second year senior cadets. In this camp, we got the "ALL OVER CHAMPIONSHIP" Trophy for the performance of our cadets in all the competitions.

Details of achievement of our cadets in the above camp are as follows:

- 1) Squad drill competition -1st prize
- 2) Group song -1st prize
- 3) Debate competition -1st prize
- 4) Gold Medal in Debate competition: CQMS Vinayak Bhagat
- 5) Gold Medal in Debate competition (AGAINST): SGT Dattatray Nakade
- 6) Silver medal in firing: CDT Vikas Mane

THAL SAINIK CAMP [TSC]:

SGT Jagdish Patil attended this camp held at NCC HQ from 4th June 2010 to 8th September 2010. His special achievements are:

- 1st Prize in Firing
- 1st Prize in Map Reading and Best in Tent Pitching

Annual Training Camp II:

The second annual training camp was held at Kanhe Phata, from 8th September to 17th September 2010. 24 cadets from our college participated in this camp. SGT Jagdish Patil worked as a camp senior also won gold medal in firing competition. Also our college won two trophies in weapon training and map reading competition.

279 Basic Mountaineering Course:

JUO Ashwin Wadskar was only the cadet from Maharashtra who was selected for the 279 basic mountaineering courses, H.M.I. Darjeeling held from 15th September 2010 to 12th October 2010. In this camp, adventure activities such as rock climbing, mountaineering techniques, glacier walking, indoor wall climbing, ice climbing, peak climbing, etc were done by him.

National Integration Camp (Mumbai):

It was held at Mumbai in N. K. Acharya and D. K. Marathe College from 2nd November to 12th November 2010. CSM Swapnil Gugale worked as Pune Group Senior in this camp.

Special National Integration Camp (NIC):

National Integration Camp (special) was held at Kunj Bihar Fulbari (Darjeeling and Sikkim) from 31st August 2010 to 16th September 2010. SUP Sagar Londhe worked as Maharashtra Directorate Senior. In this camp, he got the opportunity to visit Bangla Desh Border, Rani Victoria House, Howra Bridge, etc. He also got chance to interact with the Border Security Force.

Special Achievements:

- 1) 1st in Quiz Competition
- 2) 2nd in Tug-of-War
- 3) Gold Medal in Poem Competition
- 4) 3rd in Cultural Competition

NIC-II Ghaziabad:

SGT Sanket Pawar was selected for this camp. It was held at Gaziabad from 18th November to 4th December 2010. He worked as All-India Senior.

Army Attachment camp:

It was held in M. I. R. C. (Mechanized Infantry Regiment Center, Ahmednagar) from 8th November 2010 to 22nd November 2010. Following cadets were selected for this camp. JUO Sujit Takwale, CQMS Vinayak Bhagat, SGT Dattatray Nakade and CPL Ashish Singh. In this camp, they had different lectures on field craft, battlecraft, section battle, platoon drill, fire control order, jungle shooting, map reading etc. They also visited the Ahmednagar Fort, BMP-II tank museum and MIRC.

Pre Republic Day camp:

CDT Vishal Khedekar of our college was selected for this camp and completed it.

NCC Day celebrations:

On 21st December 2010, NCC day was celebrated at NCC Headquarters. SUO Sagar Londhe and other 4 cadets of our college had given the Guard of Honor to the Director General of NCC.

Social Activities:

- 1) Cadets of our college worked as volunteers for the Pune Marathon and Ganesh festival.
- 2) Cadets of our college also donated blood during the ATC camps.
- 3) 20 cadets from our college had participated in Urja Rally organized by NCC Group HQ and Vidnyan Bharathi.

During the visit of former President of India, Dr. A. P. J. Abdul Kalam for GIST 2010 conference organized by Maharashtra Education Society and Vidnyan Bharati (at Abasaheb Garware College), our cadets worked as volunteers in security arrangements from 25th December to 26th December 2010 at our college,

NCC Naval wing:

This year 44 cadets (41 boys and 3 girls) enrolled in Naval Wing of NCC. Many cadets participated in various camps and adventure activities organized by 3rd (Mah) Naval unit NCC, as follows:

1.	Cadet Captain Vinod Kadam	Scuba Diving Camp held at Mumbai, between 18 th June and 22 nd July 2010. During this camp he got an opportunity to visit the Indian Naval Ships INS Trishul, INS Mumbai (Destroyer class) and INS Sindhuvijay (Submarine).
2.	P. O. Cdt. Ankit Zaveri	All India Nau Sainik camp, 2010, held at Visakhapattanam (Andhra Pradesh). He bagged silver medal in service subjects and bronze medal in Health and Hygiene .He visited the Indian Naval ship INS Magar.
3.	P. O. Cdt. Vivek Birajdar	All India Nau Sainik camp, 2010, held at Visakhapattanam (Andhra Pradesh).
4.	P. O. Cdt. Supriya Pandit	All India Nau Sainik camp, 2010, held at Visakhapattanam (Andhra Pradesh). She was honored by bronze medal in Pulling competition and Bronze medal in communication skill. She visited the Indian Naval Ship INS Magar.
5.	V P. O. Cdt. Ankit Zaveri	All India Nau Sainik camp, 2010, held at Visakhapattanam (Andhra Pradesh).
6.	Cdt. Vikram Bhor	Chilka sailing camp at Orissa in November 2010. He was awarded by Gold medal in sailing competition
7.	Cdt. Amol Chandane	National level National Integration camp at Kolkata in November 2010

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8.	Cdt. Nilesh Kalbhor	National Level Ship Attachment Camp at Mumbai in May 2010
9.	Leading Cdt. Mahesh Ghorpade	All India Shri Shivaji Trekking Expedition camp at Kolhapur in November 2010
10.	Cdt. Raviraj Shinde	Pre Nau Sainik Camp at Mumbai in November 2010
11.	Cdt. Vaibhav Deshmukh	Pre Nau Sainik Camp at Mumbai in November 2010
12.	Cdt. Sucheta Ghogare.	Pre RD cultural camp at Patna

About 30 cadets from our college had participated in the Annual Training camp held at Balewadi and Kanhe phata, Pune in September/Oct 2010, where they earned laurels for the College, and were awarded as follows:

1.	Cdt.Dinesh Sarode	Gold Medal in Slogan Competition
2.	Cdt. Akash Kakade	Silver Medal in Solo Dance competition
3.	Leading Cdt. Navnath Gawas	Silver Medal in Cultural Competition
4.	Cdt. Omkar Khandekar	Silver Medal in Communication
5.	Cdt. Shrikant Bansod	Silver medal in Group Discussion
6.	Cdt. Mayur Chitale	Silver medal in Group Discussion

Each year, our cadets render assistance to the Pune Police to keep law and order situation under control during the *Ganesh Festival* and Pune International Marathon.

The result of 'B' and 'C' certificate examination was 90%.

Naval wing NCC officer LT D. Kamble completed the Associate NCC officers (Naval) Refresher Course (Senior Division) between 7th June and 26th June 2010 at NCC Group Visakhapatnam. He also participated in the Pre Nau Sainik Camp

held at Mumbai between 20th and 29th October 2010 to prepare the team of Nau Sainik Camp of Maharashtra Directorate.

b. National Service Scheme (NSS):

300 students were admitted to the NSS program during the year 2010 – 2011. Various programs were organized throughout the year. These are listed below.

1. Anti-narcotics day: This function was organized at Police Head Quarters, Shivajinagar. Our NSS students participated in the function. It helped to get them awareness with respect to ill effects of drug abuse and legal side pertaining to it.
2. Independence Day: On this day cleaning of college campus was undertaken by the NSS team.
3. On August 23, 2010, the teacher organizers of NSS viz. Dr. T. S. Kamble, Dr. Megha Biware, Prof. Gorakshanath Dhanawale and Principal Dr. Shrikant Gupta explained the importance, objectives of NSS, and its role in personality development and towards social commitment to the newly recruited students.
4. Teacher's Day was celebrated on 6/09/2010 at village "Shere" in Mulshi tehsil. It was accompanied by tree plantation drive.
5. 8th September 2010 was celebrated as "Virsmruti Din" in remembrance of the revolutionaries from Pune, who participated in 'Indian Freedom Struggle'. The students organized a rally and visited memorials on that day.
6. NSS day: Our College has adopted village 'Male' under the University of Pune Integrated Development Scheme. NSS day was celebrated on 24 Sept. 2011 in the village. Students staged street plays and sang "Bhajans" to develop social integrity among the villagers.
7. Students of NSS organized a one-day excursion to the coastal town of "Murud-Janjira" along with the students of Department of Politics.

8. Group discussion on “*Suicides by Farmers in Maharashtra*” was organized by students of NSS. This activity was supervised by Prof. Rahul Pungaliya.
9. The University of Pune had organized a youth festival “*Rainbow 2010*” in which students of NSS had participated.
10. Blood Donation Camp was organized by the students of NSS. They collected 30 bags of blood, which were donated to the “*Janakalyan Blood Bank*”, Pune.
11. On 28th November 2010, students of NSS visited the residence memorial of “Mahatma Jyotiba Phule” to inculcate social integrity and social equality among them.
12. A preparatory workshop was organized to decide the details of annual winter camp on 15th December 2010.
13. Annual winter camp was organized between 18/12/2010 to 24/12/2010 at *Vitthalwadi Tal. Mulshi*. Mr. Rambhau Thombare, Director *Sant Sahakari Sakhar Karkhana* inaugurated the camp and Mr. Vinayak Shukla, Secretary, Maharashtra Education Society presided over the valedictory function. During this camp, NSS students cleaned the village areas, did some road repairs vermicomposting, etc.
14. Our NSS students were selected to participate in the University of Pune arranged State Level NSS camps at Mumbai and Nagpur.
15. On 10/2/2011, our NSS students and NSS students of Bharati Vidyapeeth held a joint health check up camp at the BVDU Katraj campus. The camp’s focus was dental check up.
16. The term-end function of NSS was arranged on 11/3/2011. The best performing student was felicitated at the hands of Principal Dr. S. G. Gupta. The teachers who guided the students throughout the year were praised by the Principal, for their exemplary work.

c. Youth Red Cross (YRC) Unit:

The following activities were conducted by the Youth Red Cross Unit of our college in the academic year 2010-11.

1. Introduction of Red Cross Society: Introduction session to Red Cross Society was organized by Youth Red Cross Unit of Abasaheb Garware College in association with Pune District Red Cross branch on for the undergraduates' students. The session was followed by lectures conducted by the Youth Leaders on topics such as mind control, effective communication skills and meditation. Mrs. Renuka from Pune District Red Cross branch conducted the session.

2. River cleaning drive:

On 27th October, 2010 the Youth Red Cross Unit of Abasaheb Garware College carried out a "River Cleaning Drive", to segregate the biodegradable and non - biodegradable waste from the Mutha river flowing near the college. 35 students participated with enthusiasm and we collected 25 gunny bags of waste were gathered, the waste segregated and handed over to the Pune Municipal Corporation for disposal.

3. Myths/Mis-concepts about HIV AIDS

A lecture on MYTHS/ MIS-CONCEPTS about HIV/AIDS was organized for the undergraduate students in association with Pune District Red Cross branch, on 24th December 2010. Mr. Sameer who is a software engineer and a HIV Positive person was a speaker; his lecture was a eye opener for all the students. It was a very interactive and thought provoking session where in the queries of the students were answered very satisfactorily with scientific backing. The lecture was followed by HIV/AIDS awareness rally which started from Abasaheb Garware College, and went through the streets of Pune city. Fifty students participated in the rally along with the members of Pune District Red Cross branch. The students carried placards, posters, banners and slogans. The rally was carried

went through Prabhat Road, over S.M. Joshi Bridge, Tilak Road and Deccan Gymkhana area. The students participated with a lot of enthusiasm.

4. Greeting Card and Poster competition:

Greeting card and poster competition was organized by the Indian Red Cross Society Pune District Branch on 30th January, 2011. Ms. Gauri V. Shirsagar Ms. Yogita V. Gaikwad and Ms. Prajakta Deokar participated in the competition.

5. Visit to the School for the Deaf and Dumb:

The Youth Red Cross Unit of Abasaheb Garware College visited the school for the Deaf and Dumb on M. G. Road on the occasion of *Sankranti* on 2nd February, 2011. Forty five students participated and distributed sweets and prizes to the students. Various games, origami, dance, toy making activities were conducted for the students. The members enjoyed and spent nearly two hours in the school.

6. HIV / AIDS Workshop:

Five S.Y.B.Sc. students of the Youth Red Cross unit and Youth leaders attended the workshop held at Aundh Chest Hospital, Aundh, Pune on 11th February, 2011.

18. Teachers and Officers (Non–Teaching) Newly Recruited:

Grant-in-aid Courses:

Non-teaching staff:

There were no appointments of non-teaching personnel made during the year 2010-2011 as the Government of Maharashtra has declared a ban on such appointments.

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Teachers: (recruited in 2010-11)

Sr. No.	Name	Department
1.	Smt. Watekar Anita Baban	Mathematics
2.	Mr. Sonkamble Dileep	Sociology
3.	Mr. Patil Rupesh	Physics
4.	Mr. Ade Nitin Dushing,	Economics
5.	Mr. Shelar Avinash	Geography
6.	Mr. Ghodke B.R.	English
7.	Smt. Samudra Bhavana	Statistics
8.	Smt. Joshi Rutuja	Statistics
9.	Mr. Motegaonkar Santosh	Economics
10.	Smt. Hemalata Kaware	Economics
11.	Mr. Kute Mangesh B.	Physics
12.	Mr. Mohammed Rizwan	Electronics
13.	Mr. Shede Prafulla Namdeo	Microbiology
14.	Mr. Kulkarni Atul Prakash	Education
15.	Smt. Huprikar Varsha	Psychology
16.	Smt. Karad Suvarna B.	Education
17.	Mr. Patil Niranjana	Microbiology
18.	Dr. Pisolkar Yogesh M.	Geography
19.	Dr. Barsode Ushaprabha	Chemistry
20.	Smt. Bulakh Gayatri	Chemistry
21.	Smt. Joshi Priyanka	Chemistry
22.	Smt. Yadav Suman	Chemistry
23.	Smt. Pawar Kumudini	Electronics
24.	Smt. Shinde Pooja Shridhar	Logic & Philosophy
25.	Smt. Neha Sanjay Phadke	Chemistry
26.	Smt. Karve Shraddha M.	Microbiology (CHB)
27.	Dr. Bindu Arora	Microbiology

Teachers (Non-Grant Courses)

Sr. No.	Name	Department
1.	Ms. Swati Swati	Computer Science
2.	Ms. Kiran Tiwari	Computer Science
3.	Ms. Sai Joshi	Computer Science
4.	Ms. Gunjan Shah	Computer Science
5.	Mr. Atish Rajebhosale	Computer Science
6.	Ms. Madhuri Pawar	Computer Science
7.	Ms. Snehal Joglekar	Computer Science
8.	Ms. Rasika Rahalkar	Computer Science
9.	Ms. Manisha Kshirsagar	Psychology M. A.
10.	Mr. Aparna Satpute	Psychology M.A
11.	Ms. Dhanashri Sowani	Psychology M.A
12.	Ms. Asim Auti	Central Facility
13.	Ms. Vaishali Pisal	Biotechnology
14.	Ms. Vandana Mhaske	Biotechnology
15.	Ms. Gauri Abhyankar	Biotechnology
16.	Ms. Suniti Phatak	Biotechnology
17.	MS. Priyanjali Dixit	Biotechnology
18.	Ms. Jog Maithilee	Biotechnology
19.	Ms. Madhura Damle	Biotechnology
20.	Ms. Priya Francis	Electronics M. Sc
21.	Ms. Madhavi Chhuguni	Electronics M. Sc
22.	Ms. Trupti Kulkarni	Electronics M. Sc
23.	Ms. Madhura Khadilkar	Psychology M.Sc.
24.	Ms. Ashwini Alegaonkar	Chemistry
25.	Ms. Madhura Walunjkar	Chemistry
26.	Mr. Vinay Chati	M. A. Journalism
27.	Mr. Vinay Kulkarni	M. A. Journalism
28.	Ms. Prachi Garud	M. A. Journalism
29.	Ms. Amruta Joglekar	Biodiversity
30.	Ms. Neha Shintre	Biodiversity

19. Teaching : Non-teaching Staff Ratio:

Grant-in-aid Courses: Teaching : Non-teaching = $95/100 = 0.95$

20. Improvements in the Library Services: This year library was equipped for preparing and issuing identity cards to all the students admitted to the college.

21. New Books / Journals Subscribed to and their Cost: This year 2164 titles were purchased in the library and 138 journals and periodicals were subscribed. The total cost of purchase is Rs. 7,67,302/-

22. Courses in which Student Assessment of Teachers is introduced and the Action taken on Student Feedback:

Since the feedback from students is done every alternate year, this year the activity was not carried out.

23. Unit Cost of Education:

The unit cost of education (average) is Rs. **52,149/-**

24. Computerization of Administration and the Process of Admissions and Examination results, issue of Certificates:

1. The admission process is done by the College Office, which uses specialized software *Vruddhi* for issuing fee receipts and records of students admitted to each discipline / course / class. This year this software was also used in arrangements to conduct F. Y. B. A. and F. Y. B. Sc. Examinations which were handed over to colleges by University of Pune for the first time. This software was used to generate seating arrangements, preparation of mark statements and declaration of results.

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2. The College Office purchased an official copy of the software “Tally ERP- 9” which is used for accounting purposes. This way office is using the latest version of accounting software. Office also purchased the “Internet Firewall software for all the office computers connected to internet.
3. This year, from March 2010, the biometric system of attendance of the staff was introduced as per the directives of Government of Maharashtra. This ensures timely record of entry and exit of each staff member. Weekly reports are generated for attendance of the staff for effective monitoring and administration.

25. Increase in the Infrastructural Facilities:

The management of Abasaheb Garware College looks after the infrastructure maintenance and up-gradation. In the year 2010 – 2011 following infrastructure up-gradation and modification was done.

DETAILS OF REPAIRS DURING 1.04.2010 TO 31.3.2011

Work	Dept. / Site	Name of the contractor	Amount (Rs.)
Road work	College campus		440,620.00
Fans	Assembly Hall	Jogdeo & Co.	7,560.00
Renovation, alteration and furniture work	Biotechnology	Bharat & Associates	1,045,784.00
Painting work	Ladies Hostel, Biotechnology Dept.	Vijay Decorators	214,109.00
Misc Repairs	History Dept	Gurudeo Construction	62,061.00
Misc Repairs	Ladies Common Room	VRB Associates	374,852.00
Misc Repairs	Ladies and Gents Toilets	Gurudeo Construction	98,485.00
Misc Repairs	Genset		30,260.00
Misc Repairs (Electricals)	Assembly Hall	Buildwell Enterprises	40,560.00
Architect fees	above works	Group Ø	101,989.00
Total (Rs.)			2,416,280.00

26. Technology upgradation:

Our college has installed eight more CCD cameras this year to improve campus security for which total of Rs.1,99,855/- were spent. The Biometric System for recording attendance of the staff was installed at the cost of Rs.58,800/- . A new LCD projector was purchased for the use of teaching purpose. A UPS worth Rs. 85,613/- was purchased for uninterrupted use of computers used in office.

27. Computer and Internet access and Training to Teachers and Students:

Most departments of the college have computers and an individual internet node. The use of this facility is free of charge to the students. All the college administrative officers have an internet node in their offices.

The internet system is managed by the Department of Computer Science.

Following additions in computers were made this year.

Department of Computer Science

During the academic year 2010-11, we upgraded the Computer Science Laboratory by replacing 5 of the existing computers with new computers having latest configuration. The configuration details of the new computers are : Core 2 duo 2.93 GHz DG41 mother board, DDR2 1 GB RAM, 250 GB SATA Hard disk, Logitech keyboard and mouse, 17” CRT supercom Monitor, Intex cabinets: **5 Nos.**

Following printers are purchased: 1007 HP Laser printer LX300

+ Dot Matrix printers 4 nos.

Department of Electronic Science

The computers with following details are purchased by department of Electronic Science.

1. Intel Core 2DUO CPU 2.93 GHz, Intel original mother board, RAM 1 GB, DDR II 250 GB HDD, DVD Writer 18.5", LCD Monitor, Micro Soft Key Board & Mouse 2 Nos.

2. Intel Core 2DUO CPU 2.93 GHz, Intel original mother board, RAM 2 GB DDR III, 500 GB HDD, DVD Writer, 18.5 LCD Monitor, Micro Soft Key Board & Mouse 2 Nos.

28. Financial aid to students:

Financial aid to students was given through the following:

1. Government and State Government Scholarships.

- a. Scholarships given to SC, ST, OBC, and Minorities students:

Sr. No.	Category	Number of students	Amount (Rs.)
1	SC	156	12,35,905
2	ST	35	3,73,452
3	OBC	99	5,61,491
4	Minorities	4	15,810
	Total	274	21,84,658

- b. Free ships given to SC, ST, OBC, and Minorities students

Sr. No.	Category	Number of students	Amount (Rs.)
1	SC	126	12,86,900
2	ST	12	72,892
3	OBC	7	34,150
4	Minorities	6	22,750
	Total	151	14,16,692

- c. Free ships given to EBC, PTC, etc. students

Sr. No.	Category of scholarship / free ship	Number of students availing this facility	Amount (Rs.)
1.	Economically Backward Class (EBC) Students	4	305
2.	P.T.C. Students	4	1,955
3.	S.T.C. Students	3	1,310
4.	Ex-Servicemen / Service persons students	3	985
5.	<i>Ekalavya</i> scholarship	22	1,10,000
6.	Hindi scholarship	1	12,000
	Total	37	1,26,555

- 2. Poor Boys Fund Scheme:** Under this scheme following students received financial aid for the year 2010 – 2011. In all fifteen students received the aid. Their names and amount distributed to them is indicated below. The students were selected based on their academic performance and family background to assess the need for the aid.

Senior college (Grant – in – aid Section)

- | | |
|--------------------|------------|
| 1. Shaikh Sanha | Rs. 1500/- |
| 2. Seth Aakanksha | Rs. 1500/- |
| 3. Deokar Prajakta | Rs. 1500/- |
| 4. Arnale Mangesh | Rs. 1500/- |
| 5. Ghadge Lalit | Rs. 1500/- |
| 6. Pathan Shafi | Rs. 1500/- |

Senior College (Non-Grant; Self financed Section)

- | | |
|---------------------|------------|
| 1. Jadhav Suryabhan | Rs. 2000/- |
| 2. Kashd Prasad | Rs. 2000/- |
| 3. Chopade Sheetal | Rs. 2500/- |
| 4. Kadam Ashok | Rs. 2500/- |
| 5. Khandve Gitaram | Rs. 2500/- |
| 6. Kotkar Navnath | Rs. 2500/- |
| 7. Kakde Gayatri | Rs. 2500/- |

29. Support from the Alumni Association and its Activities:

The College has initiated the process for constituting a College Alumni Association. The Departments individually host their alumni associations and organize functions.

Department of Computer Science (Alumni interactions):

- Alumni as Visiting faculty: Mr. Shrenik Vikam, Mr. Abhijeet Sathe, Mrs. Pradnya Kashikar, Mr. Ravindra Mijar and Mr. Yogesh Chavan.
- Help as project guides
- Help in project evaluation
- Provide sponsorship for the Departmental Association (CSA) activities (Mr. Kapil Gadgil and Mr. Hemant Chavan).

Department of Biotechnology (Alumni interactions):

The Department of Biotechnology is a relatively new department of the college, and hence has only two batches of M.Sc. The students from these batches often come back to visit the department, and their interaction with the present students is facilitated to give them the immediate prospects regarding the scope and employability after their education.

30. Support from the Parent-Teacher Association and its Activities:

Individual departments conduct parent teacher meeting at regular intervals.

Department of Biotechnology



Department of Microbiology (Parents-Teachers Meet)



31. Health Services:

Students Health Scheme

Students Medical Check-up program for the year 2010-11 was held between 13th to 20th January 2011. All the students of F. Y. B. Sc. class were supposed to get the check up done between this time period. However, the number of students who appeared for check up was less. So the program was organized again for the students who missed it during the first schedule, between 8th to 10th March, 2011. In all 408 boys and 434 girls took an advantage of this program. Some of them were directed to the 'Student's Health Center' of Pune University. Panel of eight gent doctors and five lady doctors examined the students. Dr. Shah was the Medical Officer leading this panel.

32. Performance in Sports activities:

Intercollegiate sports event began this year with chess tournaments and ended with baseball event. Abasaheb Garware College was host for Pune City Sports Zonal Committee sponsored sports events with Dr. Shrikant Gupta, Principal of our college, as Chairman of the Committee and Dr. Asha Bengle (Director, Physical Education) as the Secretary. Various events such as cycling, rifle and pistol shooting, and table tennis were organized by our college for University of Pune. The Annual Sports Awards distribution ceremony was held on 31st January, 2011. Prizes were distributed at the hands of Principal, Dr. Sopan Kangane, of Chandrshekhar Agashe College of sports, Pune. Following students of our College were selected for All India Inter University teams.

- | | |
|--------------------------|-----------------|
| 1. Ms. Ujjwala Balkawade | Pistol Shooting |
| 2. Ms. Devika Jidgikar | Swimming |
| 3. Mr. Abhijit Jori | Archery |
| 4. Mr. Sujit Khandgire | Archery |

The following table lists the names of players who have participated in inter zonal matches in various teams.

Sr. No.	Name of the player	Class	Event
1.	Ms. Sneha Rathod	S. Y. B. Sc.	Netball
2.	Ms. Surabhi Dalvi	F. Y. B. Sc.	Netball
3.	Ms. Nayna Gandhi	F. Y. B. Sc.	Netball
4.	Ms. Kalyani Jadhav	F. Y. B. Sc.	Netball
5.	Ms. Devika Jidgikar	F. Y. B. Sc.	Swimming
6.	Mr. Aniruddha Joshi	T. Y. B. A.	Cricket
7.	Mr. Ajit Kulkarni	T. Y. B. A.	Archery
8.	Mr. Shrikant Tilave	S. Y. B. A.	Karate
9.	Mr. Tousif Sayyed	M. A. Part II	Pistol Shooting

33. Student Achievements and Awards:

Lila Poonawala Foundation Award. This much coveted award was won by Miss Gayatri Kakade, Miss Asmita Thorve and Miss Ankita Jagtap of the Chemistry Department.

The College also endows academic awards to students of the college. These awards are presented at a special function in the College. Following are the names of students who have received awards for various categories at the college level.

STUDENTS FROM FACULTY OF SCIENCE

Sr. No.	Name of Award	Eligibility Norms (Amount)	Name of Student
1.	Smt Leelavati Jeur Award	Deserving student of F. Y. B. Sc.	Ms. Shweta Barbhai
2.	Late Hemant Janardan Thatte Memorial	Deserving Konkanaatha Brahmin student of F. Y. B. Sc.	Mr. Aashay Ranade – Computer Science
3.	Late Principal Harishchandra Trambak Desai Memorial Award	Student belonging to Backward Class- Secured 1 st Class at S. Y. B. Sc. has a good moral conduct. Cooperative with students, staff, & colleagues Recommended by HOD, finalized by Committee constituted by Principal	Mr. Sanjay Bhosale Comp. Science
4.	Sou Chitra Ajit Damale 'Jidda' Puraskar	XI to Post Graduate physically challenged student	Mr. Parmeshwar Khoje M A Pol.
5.	Raobahadur Bapu Hari Godbole Award	S. Y. B.A. / B. Sc. student > 60% marks, selected by Principal & committee	Ms. Sneha Statistics
6.	Late Shivprasad Gore Memorial award	Best Music Performance Singer & Composer	Mr. Yatin Mazire
7.	Late Padmashree Dr. Abasaheb Garware Memorial Award	1 st Amongst All subjects at T. Y. B. Sc.	Mr. Abhishek Subramanian Dept. of Zoology
8.	Late N. S. Jamadagni Memorial award	1 st in degree examination	Abhishek Subramanian Dept. of Zoology

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DEPARTMENT OF PHYSICS			
9.	B. Y. Ogale Prize	I st in T. Y. B. Sc. Physics	Ms. Rohini Ahirekar
10.	S. N. Pawar Prize	I st in T. Y. B. Sc. Physics II nd in T. Y. B. Sc. Physics I st in T. Y. B. Sc. Electronics II nd in T. Y. B. Sc. Electronics	Ms. Rohini Ahirekar Ms. Amruta Jadhav Ms. Anagha Bakare Ms. Uttara Joshirao
11.	Late Kamal Yashwant Bhat Memorial award	I st in T. Y. B. Sc. Electronics	Ms. Anagha Bakare
12.	PHYL-79 Award	I st in T. Y. B. Sc. Physics I st in T. Y. B. Sc. Electronics	Not held

DEPARTMENT OF CHEMISTRY			
13.	Late Govind Keshav Mandke Award	I st in M. Sc. Organic Chemistry	Ms. Priyanka Joshi
14.	Late Ramchandra Narayan Vidwans memorial Award	I st in B. Sc. Chemistry I st in M. Sc. Chemistry	Mr. Rahul More Ms. Priyanka Joshi
15.	Late Dattatraya Neelkanth Pujari Memorial	I st in M. Sc. Chemistry	Ms. Priyanka Joshi
16.	Late Sachin Bauskar Memorial Award	1 or 2 deserving students studying in M. Sc. Chemistry (1,000/- each) this year	Ms. Kisan Alhat Mr. Lalit Ghadge
17.	Late Dr. Suhas Gadre Memorial Award	Best Outgoing Student award for i) Organic Chemistry ii) Analytical Chemistry	Mr. Amit Zodge Ms. Meena Lande
18.	Late D. M. Pethe Quiz Competition	Not held due to staff strike & Swine Flu.	

DEPARTMENT OF STATISTICS			
19.	Late Vishwanath Mahadev Deval Memorial Award	I st in S. Y. B. Sc. Statistics	Ms. Sneha Gowande
20.	Late Sunil Rajaram Darekar memorial Award	I st in T. Y. B. Sc. Statistics	Ms. Megha Ingale

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DEPARTMENT OF COMPUTER SCIENCE			
21.	Late Dattatraya Neelkanth Pujari Memorial	I st in M. Sc. Comp Sc.	Mr. Unmesh Joshi
22.	Dr. M. J. Pujari	Inter College Lecture Com.	Ms. Manisha Yende (Anal. Chem. II) IInd prize Mr. Amit Zodge (Org. Chem. II) Consolation prize
23.	Dr. M. J. Pujari	Inter College Software Exhibition Competition	Mr. Parth Kale – I st prize.

DEPARTMENTS OF BIOLOGICAL SCIENCES			
24.	Late Deepali Vilas Gorade Memorial Award	Securing highest marks in S. Y. B. Sc. Botany Final Exam	Mr. Jagrook Mondal
25.	Satguru Bhagwan Shreedhar Swami Memorial Award	I st in T. Y. B. Sc. Botany	Mr. Pankaj Dhoot
26.	Late Dr. M. V. Athavle Memorial Award	I st T. Y. B. Sc. in Botany / Zoology / Microbiology	Abhishek Subramanian
27.	Late. Smt. Pratibha Prabhakar Bodhani award	A needy deserving Student passing S. Y. B. Sc. and taking Zoology for T. Y. B. Sc. not receiving any other award.	Ms. Prajakta R. Deokar
28.	Late Vaishali Atre Memorial Award	Deserving student of F. Y. B. Sc. (Microbiology) -	Ms. Sayali Phansalkar
29.	Late Sunil Newaskar Memorial award	i) I st M. Sc. (Microbiology)	Ms. Archana Bhide
30.	Late Jaideep Naik Memorial	Talent of the year, FY SY I st Class, Overall extracurricular	Ms. Shweta Bendre
31.	Late Jaideep Naik Memorial	M. Sc. Student cleared CSIR/ GATE/ NET I st Attempt	Ms. Archana Bhide
32.	Late Dr. Ramchandra Joshi Memorial Award	i) Student securing Highest marks at B.Sc.- Microbiology ii) Student securing highest marks at B. Sc.- Biotechnology	Ms. Shweta Bendre Ms. Aishwarya Iyer
33.	Sathe Foundation Award	Ist in T. Y. B. Sc. and having taken admission for MSc at Abasaheb Garware College	Ms. Sneha Tapadia

ARTS FACULTY: ACADEMIC AWARDS

Sr. No.	Name of Award	Eligibility Norms	Name of Student
1.	Late Mohan Ranade Memorial Award	A deserving student studying in T. Y. B. A. and who is not getting any other assistance	Mr. Anil Pawar
2.	Late Prof. G. S. Shukla Memorial award	Highest marks in TYBA Marathi	Ms. Mrunmayee Purandare
3.	Late R. N. Gadre Memorial Award	i) 1 st in FYBA in Marathi & admitted to SYBA Special Marathi	Ms. Smita Pargaonkar
		ii) 1 st in 'Sahitya Vichar'-TYBA Marathi Special	Ms. Pallavi Javalkar
4.	Late Principal Harishchandra Trambak Desai Memorial Award	Backward Class student – Secured 1 st Class at SYBA has a good moral conduct. Cooperative & compatible with students, staff, & colleagues Recommended by the HOD& finalized by Committee constituted by Principal.	Ms. Vanita Hagawne
5.	Late Dattatraya Govind Natu Memorial Award	1 st in English at TYBA- i) Female Student ii) Male student	1. Ms. Shraddha Nivalkar 2. Mr. Uttam Sanap
6.	Late Gopalrao Vaze Memorial Award	Backward Class student passing in all subjects getting - >50% marks in T.Y.B.A.	Ms. Sunetra Gondkar
7.	Late Smt. Rukmini Vasudev Medhekar Memorial Award	Girl student –1 st in T. Y. B. A. Political Science Special	Ms. Kalyani Bacchav
8.	Late G. D. Kulkarni Memorial Award	Passing in all subjects of T. Y. B. A. & scoring highest marks in Economics	Ms. Surekha Sangale
9.	Dr. M.K. Gadgil Awards for Hindi	Deserving Student with Hindi at i) F. Y. B. A ii) S. Y. B. A. iii) T. Y. B. A.	Ms. Sharda Nande <u>Ms. Nitu Singh</u> (essay prize) Ms. Monika Tapkir
10.	Dr. M.K. Gadgil Awards for Hindi	B.A. Hindi –Deserving Student	Ms. Dhanashri Jadhav
		M.A. Hindi –Deserving Student	Ms. Nitu Gaurav
11.	Late Principal Harishchandra Trambak Desai Memorial Award	Student of TYBA- Psychology special getting highest marks at SY & TY	Ms. Nikita Bhand
12.	State Level Essay Competition in Hindi	1 st Prize	Ms. Nitu A. Singh

ACTIVITIES OF THE STUDENTS' ASSOCIATIONS

Computer Science Association (CSA)

An exclusive platform has been made available for computer science students for conducting various academic and co-curricular activities under the banner of “*Computer Science Association*”, with the objectives of exploring current trends and technologies and also career development and team management. This year the activities started with the Inaugural Function on 17th Aug 2010. The Chief Guest for the function was Mr. Sanjay Inamdar, Co-Founder BHAU Institute of Innovation, COEP Campus, Pune. He addressed the students on the topic “*Entrepreneurship and Leadership*”. The Guest of Honor for the function was Mr. Vinay Sathe, Director, Soft Spin Services Pvt. Ltd. He addressed the students on the topic “*Mobile Computing*”. Principal Dr. S. G. Gupta, Vice-Principal Dr. P. B. Buchade, Prof. R.V. Kulkarni, Director, Non Grant Unit and Vice-Principal Dr. Bharati Bhadbhade also graced the occasion.

CSA's annual activity “*Interface 2011*” started with this function from 18th Jan 2011. The Intercollegiate Competitions were conducted at two levels undergraduate and postgraduate.

In CSA's well known Intercollegiate Software Project Competition and Exhibition around 23 project entries from various colleges were received. Software professionals Mrs. Manisha Kothari from Compulink, Ms. Amruta Sasane from IBM, Mr. Vijay Nemade and Mr. Sachin Nagwade from Sanavi worked as judges for this activity. This year, an Intercollegiate Web Designing Competition was conducted in addition to other competitions. The response of students from other colleges was overwhelming for all the competitions. About 250 students from various colleges across Pune University participated in the Intercollegiate Programming Competition. Salad and Flower arrangements, Mehendi drawing and other theme based drawing competitions were also held during this period.



The CSA annual activities concluded on 21st Jan, 2011 with prize distribution ceremony. The Chief Guest for the function was Mr. Vinay Manglani, Director, Calsoft Technologies. Prize winners of various events were felicitated at the hands of Mr. Manglani. He addressed the students on the topic “Emotional Quotient (EQ)”. Principal Dr. S. G. Gupta, Vice-Principal Dr. P. B. Buchade and Vice-Principal Dr. Bharati Bhadbhade also graced the occasion. Dr. M. J. Pujari, ex-Vice Principal of our college, past students of the Computer Science Department, Mr. Kapil Gadgil and Mr. Hemant Chavan, and CYBRIDGE sponsored the various prizes. CSA organized these various activities through the year. Guest lectures were organized for B.Sc. (Computer Science) and M. Sc. (Computer Science) and M.C.A. students, which included “Different Career Roles in Software Industry” by Ms. Amruta Sasane from IBM Technologies and a lecture series on “Cloud Computing” from Peepal group. This year the responsibilities of the CSA were shouldered by - Dr. S.G. Gupta: President, Mrs. Chitra Nagarkar, Head, Department of Computer Science, Mrs. Manisha Bharambe (In-Charge), Mrs. Meghana Palkar (Member) and Mrs. Kanchan Mule (Member).

Microbiology Department (*MICROFEST* 2010-11)

The students' activity MICROFEST 2010-11 was held in the first week of January 2011. Several activities were organized this year.

The MICROFEST was inaugurated by Principal Dr. S. G. Gupta. At the inaugural function, Dr. Sanjeev Galande (Scientist, IISER, Pune), the Shantiswaroop Bhatnagar awardee (from the Council for Scientific and Industrial Research, India) for 2010, delivered the Keynote Address. Five of our past students were honored for their academic, entrepreneurship and research achievements. A citation was presented to them on behalf of the College and the Department.

An exhibition, MEXHIB 2010- 11 was organized in the AV Hall of the college, which was well attended by students and staff, of our and other colleges. School students also visited the exhibition.

Glimpses of *MICROFEST* 2010-11



Students enjoyed themselves with quiz competitions, treasure hunts, outdoor and indoor games. The culmination of the fest was a Cultural Program, where the talent of the students was showcased, followed by a dinner.

Zoology Association

Zoology Association is the association of the students, by the students and for the students. Each year, a variety of programs such as guest lectures and exhibition are organized by the students. In the year 2010-2011 the inauguration of the association was carried out by organizing a poster exhibition on Biodiversity, environment, and themes on pollution for school children. The exhibition was organized in NCL School on 15th August 2010. Along with the students, parents have also visited the exhibition. The inauguration of the exhibition was done by well known Ornithologist from Pune, Dr. Satish Pande. The exhibition received a very warm welcome and students from all the classes visited it. The queries of the children were answered by T.Y.B.Sc students of Zoology Department. In the second semester, Guest lecture by Dr. Ghate was organized on “Animal Extinction”. Dr. Ghate is Head of Zoology Department. Modern College, Shivajinagar, Pune. Dr. Ghate has received the State’s ‘Best Teacher Award’. He is a well known entomologist and renowned person in the field of Zoology. He is also an alumnus of our department. On the occasion of completion of 150 years to M. E. Society, Dr. Ghate was felicitated at the hands of Principal Dr. Shrikant Gupta and a memento by M. E. Society was offered to him. The lecture was a great success with overwhelming response from the students.

There is a lot of talk about Global warming. We want the students to think and take initiative in activities regarding environment. To motivate students for the research and actual action plan, an activity was organized with Mrs. Subhalaxmi, Coordinator of International Climate Challenge. The activity was a group discussion, wherein students in groups of 8 discussed among themselves, the 8 perspectives of global warming. Their responses, reactions to the perspectives helped them to create their own impressions. The activity revealed that everyone

could play a role and have a variety of ideas / action plans to work on to save the earth.

The last activity of the Zoology Association was conducted on 23rd Feb 2011. The biodiversity of marine life was showcased. Presentations based on the study tours conducted by the department for S.Y. and T.Y.B.Sc students were made.

The **Department of Electronic Science** has a students' association named as **Electronic Millennium Association (ELMASSO)** under the aegis of which it organizes several activities for student benefit. The activities of the Association were inaugurated by Prof. Prasanna Joshi and he delivered a invited talk on *"Embedded System"*.



The other activities of the Association included cultural activities, Quiz Competition, Poster competition, Talent search, Antakshri and Treasure Hunt.

34. Activities of the Guidance and Counseling Cell:

Jeevan Margadarshan Kendra, of the Department of Psychology of our College, is run under the guidance of Dr. Mrs. Savita Deshpande (Head). Students and public at large take advantage of the counseling facility. University Grants Commission awarded a sizeable amount to continue and expand the Guidance and Counseling cell. Apart from individual counseling and guidance, various other programs were conducted to the benefit of specific group of students.

On September 27th 2010 a one day workshop was organized on “**Pre marital Counseling**”. 350 girl students participated in a day long workshop. Principal Dr. Shrikant Gupta presided over the function. Dr. C. G. Deshpande, Dr. Savita Deshpande, and Dr. Madhugita Sukhale guided the students. The staff members of Psychology department helped to make this function a grand success.

A three-day “**Sports Counseling**” program was conducted under the leadership of eminent counselor Dr. C. D. Agashe, from Pandit Ravi Shankar University, Raipur on 4, 5, and 6th October 2010. Students from Abasaheb Garware College and Garware College of Commerce registered for the counseling. In all 35 students were benefitted from this activity. They were counseled for mental and emotional balance. The program was recorded on a video. Feed back forms were collected from the participants. Participants expressed their satisfaction for counseling and urged the organizers to arrange such a activity every six months.

35. Placement Services provided to students:

The Placement Cell of the college is working enthusiastically and several companies recruit students each year.

Several companies visited college for campus placements of T. Y. B. A., T. Y. B. Sc. and M. Sc. Part-II students in the year 2010-11.

The details are given on the following page:

1. Infosys technologies selected five candidates on 21st March, 2011, out of which, four candidates were B.Sc. (Computer Science) students and one was B.Sc. (Electronic Science) student.
2. Cognizant Technologies selected seven candidates. All the candidates were B. Sc. (Computer Science) students.
3. ADP selected two candidates. Both candidates were B.Sc. (Computer Science) students.
4. Wipro BPO selected one candidate. The candidate was B.Sc. (Computer Science) student.
5. Tech Mahindra selected three candidates. All the candidates were B.Sc. (Computer Science) students.
6. One student from M.Sc. (Computer Science) was selected in Quick Heal company.

M.Sc. (Computer Science) Part-II Placement details are as follows:

Sr. No.	Name of the company	Number of selected candidates
1.	Harbinger	3
2.	Persistent	3
3.	eQ Technology	3
4.	Eth	3
5.	Product Horizon	2
6.	Vertex Solutions	3
7.	Web Tech	1
8.	Ensarm Solutions	9
9.	Logical DNA	6
10.	IMRB	1

36. Development programs for non-teaching staff: No specific activities in this direction were conducted during this year.

37. Best Practices of the Institution:

(1) Soft Skill Development Workshop

A workshop on “Soft Skill Development” was organized by Abasaheb Garware College and University of Pune (*Gunavatta Sudhar Yojana*) for third year B.A., B.Sc. and M.A. and M.Sc. students on 15th, 16th and 17th December 2010. The purpose of this workshop was to help the students to develop an overall personality, good and effective communication skills, confidence and public speaking so that when they pass out as fresh graduates and post graduates, they get an edge over other students in their endeavor to secure employment or to set up an enterprise as well as become good human resource in society.

The program was inaugurated at the hands of **Dr. Mohan Agashe**, a well known personality from Marathi Theater, followed by his talk. Later, several eminent persons from different fields addressed the students during this workshop.



A brief summary of the contents of these sessions is given here. It was indeed a good fortune for all students to be instructed by an eminent person of great repute like Dr. Mohan Agashe. He was emphatic in stating that extra-curricular

activities play a very important role in human life. Dr. Agashe stressed that 'Art' is interesting factor of society and a person's hobby is his/her mind's natural aptitude. Also, education should match one's interest as well as his/her ability.

Dr. Satish Nargundkar was the speaker for the second session of the workshop and he spoke at length about 'Personality Development' and its virtues.

Prof. Rajan Ganpule, the speaker for the third session, spoke about relatively unfamiliar topic of 'Emotional Intelligence'. He explained to us that emotional intelligence includes Analytical reasoning, Verbal skills, Spatial ability (giving space to others), attention, Memory and Discretion (Better part of judgment). He also told us that everyone should develop an ability to handle frustrations and manage one's own emotions, social skills, etc. We should try to motivate ourselves as well as others.

The highly interactive fourth and fifth session was about 'Group Discussion' (GD). It was conducted by **Dr. Jyoti Gogte**. Firstly, Dr. Gogte spoke about what is Group Discussion, what an observer looks for in a participant of group discussion, what are the Do's and Don'ts in group discussion and then secondly, she conducted two group discussions for the benefit of all students- one in English and another in Marathi. In the second part of her session she conducted a group discussion with students. The topics given for discussion were 'Are TV channels killing our culture?' and 'Effect of Cinema on Youth.' A group of 10-12 students participated in the discussion and Dr. Gogte observed and gave her comments. The students were benefited a lot by this demonstration. It was one of the most enjoyable and informative of all the sessions.

The fifth session was conducted by **Mr. Vivek Velankar** of the *Sajag Nagrik Manch*. A specialty of this session was the manner in which Mr. Velankar conducted it. He told and explained incidents of how the Right to Information Act (RTI) was used by people and by the *Sajag Nagrik Manch* for benefit of the society. Mr. Velankar, in his session, proved to all of us that the "pen" is indeed mightier than the sword.

The Seventh session on 'Effective Spoken Communication' by **Dr. Shreedhar Gokhale**, proved to be of great value to all students as effective spoken communication is a pre-requisite in everybody's career. Dr. Gokhale began by

stating that an effective communication gives pleasure to the speaker and to the listener. The speaker must speak confidently and he should be happy during the communication.

The seventh session by **Dr. Lily Joshi** on 'Health and Fitness' stood out in the entire workshop because it was an attempt of its own kind to guide the students to live a healthy life. Dr. Lily Joshi started the session by stating that every person strives to maintain the Quality of his/her Life. It depends on a person's optimal health (stamina, energy, enthusiasm and fitness). Dr. Joshi requested all the students to take care of their health as Health is indeed a person's Wealth.

The ninth session by **Mr. Anil Kale** gave the students an insight into 'Writing Skills' which are very important when any student writes his/her CV, resume, etc. The session started with general discussion on why writing skills are important and how a good resume or bio-data leaves an impression on the reader. He then explained the minute nuances of 'Letter Writing' stating that letter writing is an art.

The tenth session on 'Leadership Qualities' by **Mr. Atul Gopal** was one to remember. His lecture started with a general interaction with the audience about how a very general idea of making a movie about something, results in the formulation of a plot and a well-executed storyline can create an unforgettable impression on the audience. This session turned out to be extremely memorable because of the audio-visual in which Mr. Gopal put forth his views- using clippings of blockbuster movies. The program was very well received by the students.

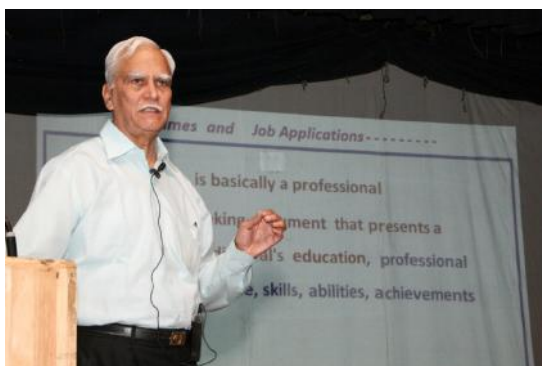
Members of the Organization Committee of the Soft Skills Workshop:

Dr. Neelima Deshpande – In-charge

- * Dr. Varada Deshpande,
- * Dr. Gauri Haval,
- * Dr. Varsha Todmal,
- * Dr. Sujata Kale,

- * Dr. Shobha Karekar,
- * Dr. Atishkumar Gavit
- * Dr. Nivedita Ghayal
- * Mr. D. K. Kamble

Glimpses of the Soft Skills Development Workshop



(2) "Savitribai Phule Vidyarthini Manch"

Under the UGC initiative, the *Savitribai Phule Vidyarthini Manch* had organized a one-day workshop on pre-marital counseling for undergraduate and postgraduate girls in the college on 27th September 2010. The workshop aimed at orienting girl students to various psychological and social issues related to the institution of marriage. The workshop was organized in two sessions.

In the pre-lunch session, experts delivered lectures on the above mentioned aspects while in the post-lunch session, students interacted with the experts, voicing their concerns, expressing their opinions and seeking answers to their queries. The first lecture was delivered by **Prof. Dr. C. G. Deshpande**, an eminent and senior psychologist, who guided the students about social issues concerning various aspect of marriage, right from making choice of life partner to leading happy married life with the family of the spouse. To explain his points he often guided girls by giving examples from various case studies that he had come across during his career as a counselor. This made it very easy for the students to relate to his talk and they also sought his guidance during the interactive session. The next lecture was delivered by Retired Judge **Madhumita Sukhatme**. She focused her discussion on legal issues related to marriage, such as social and economic rights of girls as daughter, wife and daughter in law. However while ending her lecture she also emphasized that girls entering into the marital association must also be aware of there responsibilities and duties as daughters, wives and daughters in law and must seek legal counsel only in case of injustice encountered during their married life at various levels but advised them not to misuse law. Prof. **Dr. Savita Deshpande**, the Head, Department of Psychology of our College, delivered a lecture on personality development of young girls of marriageable age. She emphasized that only an individual with pleasant, confident and mature personality will attract equally good individual. Just as every girl takes effort to groom herself with respect to

outward appearance, she must also take equal if not more efforts to develop good social and personal habits, communication skills, good moral values which will make her a better individual in society. In the post lunch session the girls formed various groups to discuss the points given to them as guidelines. They elected a leader in their group who then took the stage to express their opinions about various personal, social and legal aspects of marital life, which many of them would surely enter in near future. They also received satisfactory answers to their queries and doubts in this session from the experts.

Overall the program was of great help to the students preparing to enter in the society as an individual. Savitribai Phule Vidyarthini Manch, & SHAKTI (Women wing of Vigyanbharati) jointly organized an interview with **Dr. Sanghamitra Bandopadhyaya**, recipient of Shantiswaroop Bhatnagar Award in Engineering Science, 2010. This was held on Thursday, 3rd February 2011 in the Audiovisual Hall of the Computer Science Department.



Dr. Sanghamitra Bandopadhyaya is a Professor at Indian Statistical Institute, Kolkata, India. She has received this recognition for her pioneering contributions

to the theory and algorithms in evolutionary computation, pattern recognition and bioinformatics. Her computational studies on *miRNAs* and their involvement in cancer provide deeper insight into the functioning of these bio-molecules, critical for developing new lines of therapy. In her interview she answered questions about her education, career, research areas, her experiences, and her family. She insisted that there is no alternative to hard work. The students in the audience received a direct exposure to a confident personality of a woman researcher who has balanced her research, career and family equally well.

Legendary vocalist Pandit Bhimsen Joshi, who enthralled generations of connoisseurs with his renditions of Hindustani classical music, passed away at a age of 89, after a prolonged illness. As a tribute to the greatest musical genius, a screening of a short film directed by Gulzar “Bharat Ratna Bhimsen Joshi” was held on Thursday, 10th Feb 2011 at 10.30 a. m. in Assembly Hall of our college. The film unfolds Bhimsen Joshi’s life, highlighting his single minded pursuit of his goal of learning the Hindustani classical music, in spite of humble family background and hardships. On one hand the film shows the importance of dedication and hard work to achieve goals in life and on the other it emphasizes the importance of remaining down to earth and humble even when you are on the highest pedestal of success. The message from his life, as seen from the film was very well received by the students and the staff of the college.

(3) Grievance Redressal Cell

The committee was set up for the academic year 2010-11 to work for the Grievance Redressal Cell. The committee constituted – Dr. S. G. Gupta (Principal), Vice-Principals – Dr. Mrs. Bharati Bhadbhade, Dr. G. L. Bhong, Dr. P. B. Buchade, Mr. S. B. Bhosale (Registrar), NAAC Coordinator (Dr. Mrs. Aparna Agashe), Dr. S. T. Ghodke, Dr. Mrs. Varda Deshpande, Dr. Mrs. Sujata Kale; Dr. S. S. Diwanay worked as secretary for the committee.

The norms and guidelines for working of the Grievance Redressal Committee were set up and conveyed to all staff and students for information. A box has been placed in the central office for receiving the complaints and is opened by the Secretary in presence of Principal every Wednesday. Based on the nature of complaint, it is addressed immediately or in the monthly meeting of the committee. The concerned persons are called for a meeting and the complaints are resolved to the satisfaction of the grieved persons. In 2010-11, there were in all 16 complaints from the students that were mainly concerned with library facilities, scholarships, classrooms, teaching schedules and teachers. All the complaints were redressed to the satisfaction of the students. Taking clues from the nature of grievances, certain improvements are being implemented for the next year e.g. developing a mechanism to convey internal marks to students of Faculty of Arts and facilitating teacher-student interaction.

Eventhough, this committee worked mainly to redress students' grievances, certain issues of the teaching staff were also addressed by the committee. There were three such cases where an intermediary and pacifying role was played by the Committee to re-establish an academic, positive and peaceful environment in the departments.

(4) Science Forum Activities 2010-2011

The inaugural function of the Science Forum was held on 29th July 2010 in the college Assembly Hall at the hands of Honourable Vice Chancellor the University of Pune, **Dr. Raghunath Shevgaonkar**. The Vice Chancellor enlightened the audience with his deep insight on the topic '*Radio Astronomy*'. The students were spellbound as they were taken into the light of galaxies, supernova remnants, quasars and pulsars. The enthralling talk was followed by a question – answer session.

Inaugural Function of the *Science Forum* Activities (2010-11)



In another function, a talk by **Dr. A. D. Shaligram**, Head Dept of Electronic Science-University of Pune was organized on 3rd September 2010. Mrs. Supriya Patil faculty-department of Electronics took the initiative in arranging this lecture. He spoke on the topic *E waste* (Electronic waste) highlighting the ignorance, hazards and malpractices associated with its disposal.

Dr. Subhash Walimbe gave us a thought provoking insight on *Biological Anthropology and Understanding of Indian Society*. The talk was held on 30th November 2010. Gauri Haval of the Department of Zoology took the initiative in arranging this talk. It was indeed enlightening to know the archaeological and anthropological aspects of our ancestral origins. It was also interesting to know how the study of bones can be used to trace the cause of death, age of person, diet, habitat, nutritional deficiency and diseases.

A **Science Quiz** was arranged on 21st January 2011 in the AV hall of the college. Mrs. Madhura Damle , Mrs. Satinder Kaul, Ms. Gauri Haval, Ms. Sujata

Joshi, Mrs. Supriya Patil and other committee members took immense efforts in preparing the questions and successfully conducting the quiz competition. There were five teams (50 students). All the teams were enthusiastic and a large audience was present to cheer them. The winning team was given prizes on 28th February 2011 during the concluding session by presided by Mr. Vivek Sawant, Managing Director, Maharashtra Corporation Limited. An essay competition on 15 different topics was also held. The 12 participants of the essay competition were given certificates on 28th February by our guest speaker Mr. Vivek Sawant after his talk. A **quiz** was held at *IISER* (Indian Institute of Science Education and Research)- *Mimamsa* in January 2011. Three teams from the college participated in it. A lecture was held on 28th February 2011. The speaker **Mr. Vivek Sawant** (Managing Director, Maharashtra Knowledge Corporation Limited) delivered a talk on 'Partnership between Human and Artificial Intelligences'.

All the activities of the Science Forum 2010-2011 were possible due to co-operation of all the committee members.

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

Dr. R. C. Chikate (Department of Chemistry) is involved in a collaborative research program with Advanced Industrial Science & Technology, Sendai, Japan in the field of Catalysis. The collaborative program is in **Development of sustainable catalytic reaction system using CO₂ and water**. Contribution from Garware College: **Development of nanomaterials as a catalyst**

This program is funded by Ministry of Education & Technology, JST, Japan for the period of 3 years. Under this program, there will be exchange of faculty and students as well as funding for arranging conferences in the field of "Catalysis".

Our college has signed a “Joint Research Agreement” with AIST, Japan and the first meeting of collaborators was conducted at National Chemical Laboratory, Pashan, Pune during 4-5 Oct. 2010.

39. Any other relevant information:

The College also has several other activities to support and train students for additional skills. These activities are department based, so as to impart specialized subject-oriented training and exposure to the subject other than classroom training. Such activities include:

1. Publication of Newsletters:

The departments of Biotechnology, Mass Communication & Journalism and Political Science publish Newsletters.

The **Department of Biotechnology** publishes *BioQuest* an annual Newsletter highlighting the progression and activities of the year.

Release of *BioQuest* 2010-11



The **Department of Mass Communication & Journalism** publishes *Samvaad*, a publication that highlights the major events held in the College through the year.

Release of the GIST Issue of *Samvaad*



The Political Science Department publishes *Swatchandi*, which is a magazine documenting important events of the Department. This is prepared and published by the students of the Department.

2. Study Tours and Visits to Academic and Research Establishments:

The process of learning within the college campus is supplemented with visits to academic, research and industrial establishments, which gives the student a better understanding of the scope of application and use of the subject being learnt.

Almost all departments conduct such study tours, and besides the educational aspects, such tours allow the students and staff of that department to interact in a relatively non-formal environment, leading to better relations.



Department of Geography in North-East India



Department of Political Science at Tata Institute of Social Sciences (Mumbai)



Biotechnology Department at the Bharatiya Agro Industries Foundation (BAIF), near Pune



Botany Department near Dapoli (Western Ghats)



Chemistry Department at Sudarshan Chemicals (Roha)



Department of Electronic Science at an Electronic Equipment manufacturing unit.



Microbiology Department visit to the
Armed Forces Medical College, Pune
(Electron Microscope)

Psychology Department visited the Kaivalyadham Yoga Institute, Lonavala, near Pune. 10 students from MA participated in a camp at a special college for training teachers for deaf and dumb children. Students under the guidance of Prof. Aparna Satpute performed SPM and 'Draw A Man' test for measurement of IQ of over 25 students.

The students of the **Zoology Department** visited CBRI, Agriculture College, Pune, and a tour was arranged to the Konkan coastal region to observe marine aquatic life.

The **Department of Economics** arranged visits for the students of Post Graduate Diploma in Foreign Trade (PGDFT) on 05.02.2010 and 17.02.2011 to the at 'Hindusthan Logistic Company', Talegoan,

The **Department of Physics** arranged study tours to the BSSK Sugar Mill (for FYBSc), to the GMRT, Khodad, Narayangaon (for SYBSc) and the National Institute of Oceanography, Goa (for TYBSc).

3. Lectures of Experts

Guest lectures and lectures of experts in the field are arranged by the college / departments on a regular basis to augment and update subject information. Several such lectures were arranged, and these are as follows:

- i) The **Department of Economics** arranged several guest lectures during the year. These are as follows:
 - Dr. B. D. Kulkarni: 'Research Methodology; 'Special Economic Zone'; 'International Marketing'.
 - Dr. K. R. Sanap : 'Globalization & Indian Economy'.
 - Mr. Madhav Apte: 'Export by India'.
 - Mr. Popatrao Pawar: 'Remedies for Ideal Village'.
 - Mr. Rajas Parchure: 'International Trade of India'.
- ii) The **Department of Political Science** arranged a lecture by Dr. Pathira Phom, Lecturer, Rajbhatt University, Thailand.
- iii) The **Department of Marathi** arranged a talk by senior journalist and litterateur Shri Mahavir Jondhale on "*Lalitgadya - Ek Akalan*" on 06 Oct, 2010. On 13 Oct, 2010 advocate Nandkumar Suryavanshi guided students on "*Shabadocharatun Vyaktimattav Vikas*".
- iv) The **Department of Education** arranged a lecture by Dr. Milind Suryawanshi on 'Education Based on Structuralism'.
- v) The **Department of Botany** arranged a lecture by Mrs. Meenakshi Raina, Director, *The People for Planet*, on "*Promoting Development, Saving the Planet*", on 20 August 2010.
- vi) The **Department of Mathematics** arranged a lecture by Dr. V. V. Acharya, Head, Department of Mathematics, Fergusson College, Pune, on '*2x2 Matrices*' on 24th Dec 2010 for S.Y. and T.Y. B.Sc. Students.

- vii) The **Department of Microbiology** arranged the annual *Sunil Newaskar and Jaydeep Naik Memorial Oration* lecture. This year, Prof. David W. Severson, Director, Eck Institute for Global Health, University of Notre Dame, delivered a lecture on '*Aedes aegypti* : Dengue and Global Health' on 19th August 2010. The other guest lectures were by Dr. Anuradha Sowani on Cancer in October 2010 and by Dr. V. G. Puranik on X-ray crystallography in February 2011.
- viii) The **Department of Zoology** arranged a Lecture with slide show by Ms. Naoko Kimura from Japan on '*Integrated Lake Basin Management*'. The other guest lectures were by Dr. Ghate, Head of Department, Modern College, Pune, on the topic-Animal Extinction, and on Global Warming by Mrs. Subhalaxmi from the Center of Education.

4. College Faculty Members as Resource Persons:

A large proportion of our teachers are senior faculty in their own subjects. With this experience, they are often sought as Resource Persons for several programmes. Some of these are listed below:

- i) **Dr. S. D. Sathe (Head, Department of Botany):** Lead lecture at National Seminar on GIS application in Environmental Science, Organized by school of Earth Science., SRTMU , Nanded, on 29/10/2010 ; Plenary lecture at – National Seminar on “Biodiversity and Environmental Awareness” at Lasalgaon, on 7 January 2011.
- ii) The teachers of the **Department of Microbiology** were also invited as Resource Persons for subject related topics, especially at the postgraduate level. Besides this, Mr. R.A. Walhe and Mrs. Seema Rodge gave their valuable guidance at the NET/ SET preparation workshop. Dr. B. D. Bhole gave presentations regarding NAAC Accreditation at

D.Y. Patil College, Abeda Inamdar College and Centre for Education Development Administration (CEDA Conferences).

- iii) Mr. A. R. Darekar (Head, **Department of Statistics**) delivered a lecture at D. Y. Patil College, Pimpri on “Importance of Statistics in Computer Science”, on 21/1/2011. Mrs. S. A. Ranade and Mr. V. R. Pawgi of the same department, worked as a Resource person for the “Refresher training program on Biostatistics for ISS (Indian Statistical Service) Officers of Central Government” held at YASHADA organized by Modern college, Shivajinagar, Pune and sponsored by National Academy for Statistical Administration (NASA), Government of India.
- iv) Mrs. Swati S. Katdare, of the **Zoology Department** was called to deliver lectures; at *Navin Marathi Shala*, Pune, on Human bones (28th Feb 2011) and at *Vidyan Bharati* workshop on Insects (15th April 2011). Mrs. Gauri A. Haval of the same department was a resource person for the integrated M. Sc. Biotechnology course, at the Institute of Bioinformatics and Biotechnology (IBB), University of Pune.

5. Innovative activities for improved student education:

- a) **Science Saturdays**: This is an activity of the Department of Biotechnology. Stalwarts from the field of science research and / or industry are invited to address the students and enlighten them with the updates in the field of biotechnology and allied sciences. This year, Dr. P. K. Dhakephalkar (Agharkar Research Institute, Pune), Dr. M. G. Watve (Indian Institute of Science Education and Research, Pune), Dr. Vyas (Praj Industries, Pune), Dr. Anil Kumar Challa (Hyderabad), Dr. Kelkar (Sahyadri Hospital, Pune) and Dr. Bikash Aich, Director, GeneOmbiotechnologies) were called for the interactive sessions.

Dr. P. K. Dhakephalkar at the *Science Saturday* session.



- b) The Department of Biotechnology organized a *Videoconference Course* on 'Proteomics, Genomics and Bioinformatics' on 30 September to 30 October, 2010. This was in collaboration with the Ohio State University (Columbus), USA.

Videoconferencing



- c) With the concept of outreach, the students of the Biotechnology Department participated in *KISAN 2010*, India's biggest Agriculture show at Moshi near Pune from 15th to 19th Dec 2011. They also specially called students from various schools to visit their annual exhibition *Bio Verve* (held on January 28, 2011), where they explained the various facets of biotechnological application in day-to-day life.

Students of Department of Biotechnology interacting with students
at *Bio Verve* and at *KISAN 2010*.



- d) *“Problem of the week”*, an activity of the Department of Mathematics, wherein, each week an interesting mathematical (logical) problem is displayed on the notice board. Students of junior as well as senior college are invited to solve the problem and drop in their solutions in the solution box kept in the department. Names of the correct entries are displayed along with the solution during the next week. This activity was started from year 2007-08. Besides this, to know and understand mathematics beyond the text book syllabus the department has taken a step ahead and started an activity, *History of Mathematics*, wherein a historical note is displayed on the departmental notice board for the information of students. The historical notes include the history of a particular topic (which the students are familiar with), its development over the years and the challenges that still exist in that field.
- e) In 2010-11 a new activity *STAT QUEST* was started for the students by the Department of Statistics. Statistical data published in newspapers are displayed on the notice board and students are expected to analyze the data. Cash prizes are given for the best presentation (based on the analysis) at the end of the academic year.

- f) Special efforts are being to ensure placement after academics. The Department of Computer Science, trains students through Aptitude Tests, Technical Tests and Mock Interviews.

Part C

Plans of the Institution for the Next Year:

Plans for 2011 - 2012

1. Take feed back from the outgoing students of the college.
2. Conduct a work shop on “Equity in higher education” for teachers in the college.
3. Conduct a department review for the last two academic years.
4. Conduct a soft-skills work shop for non teaching staff of the college.
5. Conduct a soft-skills workshop for young, freshly appointed teachers.

Dr. Aparna A. Agashe

Dr. S. G. Gupta

(PRINCIPAL)

Name & Signature of the Coordinator. Name & Signature of the Chairperson.

IQAC

IQAC