



MODERN EDUCATION SOCIETY'S

The D. G. Ruparel College

OF ARTS, SCIENCE AND COMMERCE

senapati bapat marg, mahim, mumbai 400 016.

**Internal Quality Assessment Cell**  
**Report**

**2006-2007**

# The D. G. Ruparel College

## Vision

To create responsible citizens, who will be capable of shaping the future of the Country and the World, by providing them with enriching opportunities for an all-round personality development and the inculcation of a sound value system

## Mission Statement

To create and provide staff and students alike

- A penchant for academics
- Maximum curricular, co-curricular and extra-curricular opportunities
- Development of research abilities
- A scope to tap latent potential
- An awareness of the environment
- An inspiring value system
- An ambience that motivates
- Community orientation
- An all-round personality development

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

**2006-2007**

### **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.**

*After taking stock of the changes brought about in the course of 2005-2006, the IQAC decided to consolidate the gains made and work on areas which could not be addressed in 2005-2006 in 2006-2007. These were as follows*

- Introduction of interdisciplinary programmes
- Acquisition of more books for the Faculty of Science : we need to separate out the data on Science books from the library and then purchase books as per the need
- Increase in the use of modern teaching methods : Although this is being enforced by some departments, the base of it needs to be widened
- Regular maintenance and repair and upgradation of infrastructure : The College needs to generate funds and gradually take up the upkeep of the buildings in phases
- Increase in research activities, minor/major research projects and collaborative research programmes : A larger number of teachers need to be channelised into taking up research projects
- Constitution of a Committee to gather data on funding agencies
- Organisation of seminars and workshops: A larger number of intercollegiate seminars and national level seminars need to be organised by the College.
- Visits to University Departments and Advanced Centres of Learning Although this is being enforced by some departments, the base of it needs to be widened
- Taking up of consultancy services
- Conducting coaching classes for competitive examinations
- Better networking with the alumni : the Alumni Association needs to be formalised
- Formalisation of the counselling cell
- Setting up of the placement cell
- Strengthening of the institution-industry linkages
- Formalisation of the Parents-Teachers Association
- Introduction of examination reforms
- Provision of incentives to sportspersons by getting sponsorship

*Progress was made in the following areas through the year*

- Most Departments have designed new courses for our college students as well as for outsiders to supplement knowledge and make education more job-oriented. While some of these courses are being conducted in March and April 2007, most will be implemented from June 2007.
- This year the Department of English introduced the Diploma Level in Functional English.
- Interdisciplinary interaction was increased, by teachers of one department sharing their area of expertise with students from other departments.
- The Department of Chemistry purchased books for their departmental library.
- A larger number of departments made use of PowerPoint presentations, often encouraging students to do so. Moreover the IQAC conducted two workshops for all teachers on the use of innovative teaching methods and computers to make teaching more effective. Further training will be provided to teachers in specific areas of computer use in which they have evinced an interest
- Currently the funds available in the College are being diverted towards the completion of a new building with modernised infrastructure in the college campus. On its completion by June 2007, the funds will be regulated towards regular upkeep of the college infrastructure. However we are working towards a constant up gradation of technology and fulfilment of other requirements of the departments.
- A larger number of departments are taking up research projects and the younger staff members are being encouraged to take up research activities.
- Numerous committees have been revived and will be functional from the next academic year, to smoothen the functioning of the college.
- Teachers from most departments have been taking students on field visits. Moreover teachers from the Departments of English and Political Science regularly take their students to AIRC (American Information and Resource Center), in recognition of which one of the teachers was felicitated by AIRC. So too our students regularly visit BCL, AIRC, the Asiatic Library and the University Library, in response to encouragement by teachers.
- The College has set up a research committee to guide faculty members about funding agencies as well as the preparation of research proposals.
- The Department of Marathi is drawing up a course for training students for competitive examinations which will be brought into force from June 2007. However most departments from the Arts Faculty informally offer guidance to their students who wish to appear for competitive examinations.
- Training for JEE will be initiated.

- Most departments have a close tie-up with their alumni and harness their potential for guidance to present students.
- The plan for the formalisation of the counselling cell is in progress and will be made effective from June 2007 after the availability of greater space as a result of the completion of the new building.
- A placement cell has been set up and has been actively making placements for Science students. This activity needs to be expanded to cover the Arts and Commerce faculty. Further the Department of English is trying to create short term internship placements for students of the Diploma Level of the Functional English Course.
- Through the activities of the placement cell there is an automatic strengthening of the institution-industry linkage. Moreover our alumni and eminent people from the industry come and deliver guest lectures in the college under the aegis of various associations
- This year the college has made the result of the first semester in each subject available to the respective Head of Departments, as a consequence at the departmental level the teachers have implemented reforms to ensure improvement of the result for the second term.

## **Part B:**

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

The mission statement of the D.G. Ruparel College is one that reflects both the activities and aspirations of the College. Accordingly, every year the performance by the students and the staff is a step towards betterment. The College considers itself to be its own best competitor and so strive consistently towards bettering its performance.

- A penchant for academics

The D.G. Ruparel College is recognised as a premiere institute of learning, which can be seen through the manner in which people flock to seek admission to the college after the Standard Ten results. The attempt of the College is to consolidate this strength and better it, a fact reflected through the ranks and performance at University and competitive examinations by students of the college each year. Moreover the teachers too work towards keeping abreast with the latest trends in their subjects by participating in seminars either as resource persons or observers.

*See questions 6, 7, 8, 35, 40 and 41*

- Maximum curricular, co-curricular and extra-curricular opportunities and
- A scope to tap latent potential

The College makes it a point to see that the maximum number of courses and subject options are made available to the students. Also remedial courses that help to address problems of the students like the Proficiency Course in English are also conducted by the College. Moreover recognising that the need of every child is different the College tries to make maximum opportunities available for participation in various competitions and sports that fulfil the child's potential in co and extra-curricular areas.

*See questions 2, 3, 4, 8, 17, 33, 35, 40 and 41*

- Development of research abilities

In recognition of the fact that each individual needs to be taught to think independently within the given framework of the syllabus, the college encourages students to research their syllabus on their own with guidance from the teachers, as is reflected through the projects, paper and PowerPoint presentations that they undertake. The teachers also lead the way by undertaking research work through the pursuit of M.Phil., Ph.D. and major and minor research projects and publications

*See questions 9, 10, 11, 12, 13, 14 and 41*

- An awareness of the environment,
- Community orientation and
- An inspiring value system

Over and above providing the scope to staff and students to fulfil their ambitions, reach their goals and attain their maximum potential, the College also creates in them a social outlook and an awareness of their commitment towards the cause of the underprivileged and towards general public good. This is reflected through the contributions of individual teachers and the activities of the N.C.C and the N.S.S.

*See questions 8, 18, 29, 32, 39 and 41*

- An ambience that motivates and
- All-round personality development

The steady and continued achievements of the staff and students of the College and the policies of the College ensure a balanced and healthy attitude towards education. The students and teachers thus find fulfilment and emerge as citizens that would contribute constructively to the future of the nation.

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

- The Department of English introduced the Diploma Level of the Add-on Course in Functional English under the Vocational Course Scheme of the U.G.C.
- The Departments of Botany and Zoology have applied for a 3 year degree course of Biotechnology. The matter is still pending with the Government.
- A Certificate Course in Industrial Analytical Chemistry for undergraduate students of Science, Arts and Commerce is being held from 23<sup>rd</sup> March 2007 to 5<sup>th</sup> April 2007 for which 40 students have enrolled.
- M.Sc. in Analytical Chemistry will commence from the academic year 2007-2008.
- M.Sc in Computer Science has been introduced from the academic year 2006-2007.
- The department of Information Technology introduced a certificate course in Storage Technology under the EMC Academy Programme
- A short term Certificate course 'Introduction to Household Electrical Appliances' has been conducted from 21<sup>st</sup> March to 23<sup>rd</sup> March 2007 by the Department of Physics for which 20 students have enrolled.

### 3. Innovations in curricular design and transaction:

*Members of the Teaching Staff hold numerous responsible positions on University Committees, which enable them to contribute to important decisions in the teaching-learning process*

- Dr. P.A.Salvi from the Department of Economics, as a Member of the Faculty of Science and as a Member of a committee appointed by the Faculty of Science, is actively involved in designing the guidelines for an M.Phil. Course for the Faculty of Science.
- Dr. P.A.Salvi from the Department of Economics is the Chairman of the Board of Studies in Economics, Member, Academic Council; Member, Faculty of Arts and Science; Member, Board of University Teaching and Research for the Faculty of Arts and Science; Member, Research and Recognition Committee for the Board of Studies in Economics; Convenor, Committee to design Syllabi of F.Y.B.A., S.Y.B.A. and S.Y.B.Sc. ;
- As the Chairperson of the Board of Studies and as a Member of committees appointed by University bodies, Dr. Nandini Diwan from the Department of Psychology actively participated in preparing the revised syllabi for the M.A. Part I and M. A. Part II Psychology Course (brought into effect from June 2006), Advanced Diploma in Counselling Psychology (to be started in 2007), M. Phil. Degree Course (to be started in 2007)
- Dr. Nandini Diwan from the Department of Psychology is a Member of the committee of the University formulated to frame guidelines for the M. Phil. Degree Course under the Faculty of Science, and to look into all aspects of Theory and Practicals and the marking scheme for Theory, Practicals, project, viva and journals under the Faculty of Science.
- Dr. Nandini Diwan from the Department of Psychology is a Member of the Academic Council, the Research and Recognition Committee, the BUTR, the Faculty of Arts and Science and the Department of Extra Mural Studies of the University of Mumbai.
- Dr. Golatkar from the Department of Botany is a member of the B.O.S. in Botany and a Member of the Syllabus Committee formed to frame the syllabus for undergraduate and postgraduate students.
- Dr. (Mrs.) Heble from the Department of Botany is a Member of the Syllabus Committee.
- Dr. Golatkar from the Department of Botany is a Member of the Syllabus Committee to frame the syllabus for core subjects and specialization for M. Phil.
- Dr N.R. Pai from the Department of Chemistry is the Member of the Syllabus Committee appointed by the University of Mumbai to frame the syllabi of the F.Y., S.Y. and T.Y.B.Sc. course in Chemistry
- Dr. D.A. Shanbhag from the Department of Chemistry is a Council Member of the Western Zone of the Indian Chemical Society, Kolkatta from 2006-2008



- Dr. D.A. Shanbhag from the Department of Chemistry is a Council Member of the Western Zone of the Indian Association of Chemistry Teachers, Mumbai from 2006-2008
- Dr. D.A. Shanbhag from the Department of Chemistry is a Life Fellow Member of the International Congress of Chemistry and Environment at Indore
- Dr. D.A. Shanbhag from the Department of Chemistry is a Life Member of the Society for Advancement of Electrochemical Science and Technology, Karkaikudi
- Mr. S. M. Sapre from the Department of Physics has been appointed as a Member of the Syllabus Committee of the University of Mumbai, to frame syllabi for the F.Y.B.Sc., S.Y.B.Sc. and T.Y.B.Sc. course in Physics
- Dr. Tushar M. Desai from the Department of Physics has been appointed as a Member of the Research and Recognition Committee of the Board of Studies in Computer Science.
- Dr. Tushar M. Desai from the Department of Physics has been appointed as a Member of the R 32(5) committee in the subject of Physics.
- Dr. Tushar M. Desai from the Department of Physics has been appointed as a Member of the Syllabus Committee of the University of Mumbai, to frame syllabi for the F.Y.B.Sc., S.Y.B.Sc. and T.Y.B.Sc. course in Physics.
- Mr G.Y. Raosaheb from the Department of Statistics is the Convenor of the Syllabus Committee for F.Y.,S.Y., T.Y.B.Sc. and B.A.
- Mr G.Y. Raosaheb from the Department of Statistics is a Member of the Board of Studies in Statistics
- Ms S.G. Raosaheb and Ms V.V. Gokhale from the Department of Statistics are joint Convenors for the section-wise question bank for practicals of which Ms V.K. Govilkar from the Department of Statistics is a Member
- Ms A.G. Daptardar from the Department of Statistics is a Member of the Syllabus Committee for F.Y. and S.Y.B.A.
- Ms V.K. Govilkar from the Department of Statistics is a Member of the Syllabus Committee for T.Y.B.Sc.
- Mrs. Menakshi Sundaresan from the Department of Zoology is a Member of the Syllabus Committee for the revised syllabus of F.Y.B.Sc.

*The members of the Teaching Staff use various innovative teaching methods to simplify the learning process and make it more interactive and interesting*

- The entire matter for the Proficiency Course in English and Functional English has been conceptualised and designed by Ms. Preeti Shirodkar aided by Ms. Minouti Naik from the Department of English.
- The Department of English continued using varied innovations in curriculum transaction for the Proficiency in English and Functional English Courses as well as the regular courses, which included computerised worksheets, word games, group discussions, paper presentations, PowerPoint presentations, the Linguaphone package, audio cassettes, screening of and discussion on movies, role play and games using the dictionary, thesaurus and other language books and projects and field visits.

- The students of Functional English are trained in using packages like Pagemaker and are assigned practical projects like the making of a newspaper by the Department of English.
- Students of the Department of English are encouraged to participate in and present papers at seminars within and outside the college and are provided with extensive guidance for doing so.
- The Department of Marathi had arranged a field visit to the Borivali National Park on 9<sup>th</sup> September, 2006.
- Students of the Department of Marathi participated in a “Kavi- sammelan” (Poets Meet) arranged in the college on 25<sup>th</sup> January, 2007.
- The Department of Marathi had arranged screening of CDs of Nakshatrache Dene on poets Suresh Bhat and Vinda Karandikar and watched the Marathi play Ga Ma Bha Na related to the syllabus.
- The Department of Marathi has introduced project work for F.Y. and S.Y.B.A. classes.
- The Department of Psychology uses methods like role play, skits, presentations and group discussions and encourages students to attend workshops and lectures in other colleges.
- The Department of Chemistry has screened a short video, played games and conducted a memory training programme for the students

#### **4. Inter-disciplinary programmes started:**

- Dr. Salvi from the Department of Economics delivered lectures for T.Y.B.Sc. (Botany) in the Subject of Entrepreneurship in Horticulture;
- Ms. V.R.Utpat from the Department of Economics, Ms. Deepali Bhide from the Department of Geography and Dr Golatkar from the Department of Botany delivered an Orientation Lecture each on Environmental Studies for Teachers of the Junior College;
- Ms.Anita Hamand from the Department of Economics delivered a Series of Lectures on the Indian Economy; to the staff of the Reserve Bank of India
- Mr. Sagar Kotekar Patil from the Department of Information Technology delivers lectures on Computer Applications to the BMS students of the College
- Ms. Preeti Shirodkar from the Department of English has conducted a series of PowerPoint presentations for students of the Department of Statistics entitled *Effective Communication* covering Presentations and Group Discussions
- Ms. Preeti Shirodkar from the Department of English delivered a talk in the Department of Marathi entitled *Vishwa Shakespeareche*
- Ms. Gayatri Gadgil and Ms Minouti Naik from the Department of English deliver lectures on Effective Business Communication to BMS students of the College
- Ms. Gayatri Gadgil from the Department of English delivers lectures on the Professional Skills Development Course to F.Y.B.Sc. I.T. students of the College
- Ms. Preeti Shirodkar and Ms. Minouti Naik from the Department of English accompanied the students on a trip to the Nehru Planetarium organised by Ms. Deepali Bhide from the Department of Geography

- Ms. Preeti Shirodkar from the Department of English acted as a judge for the debate and group discussions organised under Astutes (the Computer Science and Information Technology festival)
- D. Rekha Gore from the Department of History delivered a talk in the Department of Marathi on *Status of Maharashtra during Yadav period*

#### **5. Examination reforms implemented:**

- The Department of Economics has actively participated in revising the paper pattern of T.Y.B.A. Economics by holding a workshop of Teachers of T.Y.B.A. Economics in the Ruparel College on 25<sup>th</sup> August, 2005
- The Department of English regularly collects assignments from students and provides a detailed feedback so as to prepare them to write long answers in the subject of English Literature
- Students of the T.Y.B.A. were given tests on a regular basis with a detailed feedback about their performance by the Department of English, as their scores at S.Y.B.A. in the subject were very poor
- A question bank was designed and used for tutorials in the subjects of Communication Skills in English and Business Communication by the Department of English. Students were encouraged to solve additional exercises to improve their performance
- Class tests were conducted for weak students in the subject of Business Communication by the Department of English
- Regular tests were conducted for students of Mass Communication by the Department of English
- Class tests for T.Y.B.A. students were conducted by the Department of Philosophy.
- The Department of Political Science conducts chapter-wise unit tests for the students of T.Y.B.A.
- Special guidance and feedback sessions were organized for F.Y, S.Y. and TYBA students by the Department of Psychology. The students were given brief summaries of the topics, question banks and guidelines to prepare for the exams. They were encouraged to write lecture notes and answers which were regularly assessed by the teachers. They were given information about effective study habits and exam preparation. T.Y. students were also taught certain mnemonics to enhance their understanding and memory of the subject matter. Additional study and reference materials were prepared and distributed.
- The Department of Accountancy conducted class tests in both terms for students of F.Y. and S.Y.B.Com.
- The Department of Commerce conducted class tests in both terms for students of F.Y. and S.Y.B.Com.
- All the staff members of from the Department of Botany give projects to the students of F.Y.B.Sc. and S.Y.B.Sc. on various topics in Botany such as environmental science,

vitamins, economic importance of plants, biodiversity in campus of college etc to enhance their knowledge in the subject. Students are encouraged to use reference books and internet facility available in department and in the library. (The projects are not the part of their curriculum.)

- Periodic tests and seminars are taken for undergraduate students by the Department of Botany
- Research related topics are given to T.Y.B.Sc. and M.Sc. students by the Department of Botany to give them an idea of research work in Botany.
- Students of F.Y., S.Y. and T.Y.B.Sc. are counselled by the Department of Chemistry and helped to solve subject difficulties by assigning them to different teachers
- Periodic tests are conducted by the Department of Chemistry for a batch of 20 students selected as the merit batch
- Quarterly tests for T.Y.B.Sc. students were conducted by the Department of Statistics. Guidelines were provided to all students with more emphasis on weak students.
- A fresh set of Practicals and Tutorials are created for students of F.Y., S.Y. and T.Y.B.Sc. and F.Y.B.Com. respectively by the Department of Statistics.

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

- Ms. Minouti Naik from the Department of English cleared the SET examination in June 2006
- Ms. Simmin Bawa from the Department of Philosophy cleared the NET Exam in June 2006.
- Miss Prathma.A.Nemane and Miss Kavita.M.Baddi from the Department of Commerce cleared the SET examination in the month of June, 2006.
- Mr K.J.Chavan from the Department of Chemistry passed the GATE examination in March 2006

#### **7. Initiative towards faculty development programme:**

- The IQAC of the College had organised a half day workshop on *Innovative Teaching Techniques* conducted by Mr Solomon Raj, Department of Wilson College on 30<sup>th</sup> September, 2006
- The IQAC of the College had organised and conducted a half day workshop on *Preparation for Re-accreditation* on 22<sup>nd</sup> February, 2007
- The IQAC of the College had organised a two hour workshop on *Using Computers to Enhance Teaching* on 23<sup>rd</sup> February 2007
- Mr Avinash Kolhe from the Department of Political Science has passed the theory papers of the M.Phil. Degree of the Madurai Kamraj University and is now preparing the dissertation.
- Dr. D.A. Shanbhag from the Department of Chemistry procured an M.B.A. in May 2006. He secured a First Class

- Mr. G. S. Madkaikar from the Department of Physics has successfully completed M.Phil. Program in Physics, from the University of Mumbai.

*The Teaching Staff regularly attends seminars and workshops either as resource persons or participants to share and update their knowledge*

#### **Teachers as resource persons**

- Ms. V.R. Utpat from the Department of Economics attended a seminar on *Environment* and presented a paper on *Valuation of Environmental Changes* along with Ms. Deepali Bhide from the Department of Geography on 14<sup>th</sup> and 15<sup>th</sup> February, 2007 at the Smt.B.M. Ruia College.
- Ms Preeti Shirodkar from the Department of English chaired a session at a seminar on *Women's Voices in Contemporary British Literature* held in the Sophia College on 15<sup>th</sup> December, 2006.
- Ms Preeti Shirodkar from the Department of English will be presenting a paper entitled *(X)Changing Ideas: A Petition for Intercollegiate Collaboration* at a seminar being conducted by the Rajiv Gandhi Centre for Contemporary Studies, affiliated to the University of Mumbai as per the recommendations of the Knowledge Commission on 30<sup>th</sup> and 31<sup>st</sup> March, 2007 at the Orchid Hotel, Mumbai.
- Dr. Rekha Gore from the Department of History presented a paper entitled *Conceptual Development & Problems of Iron and Steel Industry* at Akhil Bharitya Itihas Parishad 15<sup>th</sup> session on 11<sup>th</sup> and 12<sup>th</sup> December, 2006 at the Sharadabai Pawar Mahila College, Baramati.
- In October 2006 Ms. Anagha Mandavkar gave a lecture on *Personality Development Through Language* at an Inter-school Personality Development workshop organized by CCRT.
- Ms.Raksha Vaidhya from the Department of Philosophy presented a paper on *Yoga not Yuj to join but to Contemplate* at the Delhi International Seminar on 20<sup>th</sup> December, 2006
- Ms.Raksha Vaidhya from the Department of Philosophy presented a paper on *Yoga in Modern Age* at Goveli College in the month of December 2006.
- Mr Kolhe from the Department of Political Science was invited to chair a session and guide youth doing research projects with 'Pukar' a Mumbai-based NGO 'about the *Impact of Caste Factor in Politics*
- Dr Nandini Diwan from the Department of Psychology was a resource person at a workshop on the *Revised format of the T.Y.B.A. Practicals exam* held in KC College on 29<sup>th</sup> Jan. '07 for the teachers of Practicals from all Colleges of the University.
- Ms. Tatke from the Department of Psychology was a recourse person at a workshop on *Leadership through Sports* conducted by the Department of Physical Education, SNDT University on 25<sup>th</sup> July 2006.

- Dr. Diwan from the Department of Psychology was a resource person at a symposium on *Problems of today's youth* a State-level Workshop on *Counselling Skills for teachers* at S. K. Somaiya College held on 1<sup>st</sup> December, 2006
- Dr. Diwan from the Department of Psychology gave a talk on *Research methodology in Social Sciences* in a programme organized by the Social Sciences Association of Acharya Marathe College.
- Dr. Diwan from the Department of Psychology participated as a Psychologist in a panel discussion on *Joint vs. nuclear families* in 'Dilkhulaas' a T.V. programme on Mee Marathi channel on 5<sup>th</sup> March, 2007.
- Dr. Diwan from the Department of Psychology was a resource person at a symposium organized by the University of Mumbai for its women staff members in the Convocation Hall on 25<sup>th</sup> January, 2007, and gave a talk in Marathi on *Problems of Women in the Modern Times*.
- Dr. Diwan from the Department of Psychology attended a *National Conference on Empowerment of Women* held at K. J. Somaiya College on 15<sup>th</sup> and 16<sup>th</sup> January, 2007 and presented a paper entitled *Empowerment of Women: the Quest for Identity*.
- Ms Tatke from the Department of Psychology made a PowerPoint presentation on *Imagery* for MA Part I students of Psychology of the MMP Shah College on 21<sup>st</sup> March, 2007
- Ms Tatke and Ms Khale from the Department of Psychology taught the B.M.M. students of Ruia College during the academic year 2006-2007
- Mr. Rajendra Sardesai from the Department of Accountancy conducted seminars for qualified Chartered Accountants at Goa, Surat, Ahmedabad and various places in Mumbai.
- Mr. Rajendra Sardesai is a visiting faculty at the Jamnalal Bajaj Institute of Management, Mumbai.
- Mr. Rajendra Sardesai was invited as a resource person for a U.G.C. sponsored 'Refresher Course' conducted by the S.K. Somaiya College of Arts, Science & Commerce for Accountancy Teachers and his subject was *Information System Audit*.
- Dr. Golatkar and Dr. (Mrs.) Heble from the Department of Botany participated in a two day National Workshop on *Fungal Bio-remediation* conducted by the Mycological Society of India, Mumbai Unit and S.I.E.S College, Mumbai on 14<sup>th</sup> and 15<sup>th</sup> Oct. 2006. Dr. Golatkar was on the organizing committee and report and review committee where as Dr. (Mrs.) Heble worked as a resource person and demonstrated experiments in the practical session to the participants in the workshop.
- Dr. (Mrs.) S. A. Sawant from the Department of Botany was invited as a resource person for the Refresher Course in *Life Sciences* conducted by Birla College, Kalyan.
- Dr. Golatkar from the Department of Botany delivered a lecture for students of the Ayurvedic Department of K.E.M. Hospital, Bandodkar College and Patkar College on *Scope of Research in Botany*.
- Dr. (Mrs.) Heble from the Department of Botany was invited by Global Lexicon School, Mumbai as a guest lecturer. The young school students were told about soil erosion, its implications for the ecosystem and about water conservation and its importance.

Teachers from the above school met Dr. (Mrs.) Heble and other Biology faculty members to talk about projects that can be undertaken by school students on environment and ecology.

- Dr. N. R. Pai from the Department of Chemistry presented a paper entitled *Methylene substituted Oxygen Heterocycles from Alkyl Fischer Carbenes*
- Dr. R.S. Manjrekar from the Department of Chemistry presented a poster on *Use of Secondary Siliceous in Concrete: A Sustainable Approach in Green Chemistry*
- Dr. N.R. Pai presented three posters on *Drug Synthesis and Design* at an international conference at AUrangabad in February 2007
- Dr. R.S. Manjrekar from the Department of Chemistry was a resource person for a *Stress Management* workshop for the Canara Bank and State Bank Employees of India in January 2007 and March 2007
- Dr. R.S. Manjrekar from the Department of Chemistry presented a paper at the 13<sup>th</sup> National Conference on *Corrosion Control* in October 2006 at Mangalore
- Dr. R.S. Manjrekar from the Department of Chemistry was also invited as a guest lecturer for the second and third year Engineering students of VJTI on Control of Corrosion in September 2006
- Mr. Sagar Kotekar-Patil from the Department of Information Technology presented and published three papers in a three day National Conference conducted by B.N. Bandodkar College on *Linux* in November 2006.
- Mr. Subodh Sapre, Mr. Madhav Londhe and Mr. Dilip Maske from the Department of Physics were resource persons at the Expert Lecture Series for T. Y. B. Sc. Physics at Karmaveer Bhaurao Patil College, Vashi.
- Dr. Madhavi Indap from the Department of Zoology delivered plenary lectures at the following conferences:
  - *Angiogenesis: A therapeutic target*, a plenary lecture at a National Symposium on *Recent Trends in Life Sciences*, Sawantwadi, on December 1<sup>st</sup> and 2<sup>nd</sup> 2006.
  - *Bioactive Compounds from Marine Organisms*, a plenary lecture at a National Conference on *Substantial Utilization of Aquatic Resources and Marine Biotechnology*, held at Chiplun, on 19<sup>th</sup> & 20<sup>th</sup> January 2007.
- Members from the Department of Zoology made numerous paper and poster presentations, the details of which are as follows
  - Paper and Poster Presentations at the 7<sup>th</sup> Asia-Pacific Marine Biotechnology Conference, Kochi, India, 2<sup>nd</sup>- 5<sup>th</sup> November 2006.
    - a. Paper Presentations
      - i) Aditya Akerkar and Madhavi Indap presented a paper on *Extraction and HPTLC analysis of Mackerel extract showing Immunostimulatory activity*.
      - ii) Rupa Phatak and Madhavi Indap presented a paper on *Antibacterial and Insecticidal activity of Mackerel and some Invertebrates collected from Intertidal Shore of Mumbai*.
      - iii) Sushama Parab and Madhavi Indap presented a paper on *Protective effect of Marine extracts on Cyclophosphamide-induced Clastogenecity*.

- b. Poster presentations:
  - i) Madhavi Indap and Chetan Ponshe presented a poster on the topic *In-vivo and In-vitro estimation of Immunomodulatory activity of three marine organisms*. This was awarded US\$1500 for the best presentation to represent India at Israel at the 8<sup>th</sup> International Marine Biotechnology Conference
  - ii) Reena Pandit and Madhavi Indap presented a poster on *The mode of action of antiangiogenic activity of Crinoid sp.*
  - iii) Babita Balakrishnan and Madhavi Indap presented a poster on *Immunomodulatory and antimitotic activity of Loligo duvauceli d'Orbigny*
- Paper presentation
  - N. Thakur, Madhavi Indap and W. E. G. Muller presented a paper entitled *From functional genomics to natural products of marine microorganisms* in Germany in June 2006.
- Presentations at Sawantwadi in a National Symposium on *Recent Trends in Life Sciences* on December 1<sup>st</sup> and 2<sup>nd</sup>, 2006.
- Paper presentations
  - i) Babita Balakrishnan & Madhavi Indap presented a paper on *Evaluation of Leucas aspera extracts for immunomodulatory activity*. This paper was awarded an appreciation prize for the best presentation
  - ii) Aditya Akerkar, Madhavi Indap presented a paper on *Immunostimulatory activity of mackerel extract and preliminary chemical analysis*
  - iii) Sushama Parab, Madhavi Indap presented a paper on *Inhibitory effect of Tethya lyncurium extract on cyclophosphamide-induced chromosomal aberrations*.
- a. Poster Presentations
  - i) Chetan Ponshe, Madhavi Indap presented a poster on *Immunomodulatory potential of marine organisms*.
  - ii) Monica Chavan and Madhavi Indap presented a poster on *Effect of Bombay High Crude oil on Primary Productivity*
  - iii) Mahadik Gauri, Bhandari Kavish, Nikam Sunita and Madhavi Indap presented a poster on *Antibacterial activity of Chloroform extract of the leaves of Leucas aspera*.
  - iv) Vrushali Datar and Madhavi Indap presented a poster on *Effect of extracts of Amoora rohituka and Azardriachta indica against aspirin induced ulcers in mice*. This poster was awarded the first prize for best presentation
- In March 2007 Dr. Madhavi Indap attended the 8<sup>th</sup> International Marine Biotechnology Conference held at Eilat, Israel from 10<sup>th</sup> to 16<sup>th</sup> March and presented three papers along with her students Dr. Chetan Ponshe and Mrs. Reena Pandit. The title of the presentations are as follows:
  - i) Madhavi Indap, Reena Pandit, Annamma Anil, Arvind Lali, Sushama Parab, presented a poster on *Bioactive potential of Oleic acid from marine sponge Tethya lyncurium (LINN)*.



- ii) Chetan Ponshe, Aditya Akerkar, Madhavi Indap presented a poster on *In vivo and in vitro estimation of immunomodulatory activity of three marine organisms*.
- iii) Reena Pandit, Annamma Anil, Arvind Lali and Madhavi Indap presented a poster on the topic *Interaction of Cholesterol isolated from Loligo duvauceli D'Orbigny with tubulin*
- Dr. Pradip Karnik, Librarian was invited as a resource person at Y.C.M.O.U., Nashik for providing guidance to students of the Journalism Course for the topic of *Voice Culture* on 29,30 & 31<sup>st</sup> Aug., 2006.
- Dr. Pradip Karnik, Librarian was invited as a resource person at Y.C.M.O.U., Nashik for M.Lib.Sc. on 8 & 9<sup>th</sup> Nov.,2006.
- Dr. Pradip Karnik, Librarian was invited to Pancham Khemraj College, Sawantwadi as a resource person for M.Phil. in the subject of Library and Information Sc. of Y.C.M.O.U., Nashik programme on 11,12 & 13<sup>th</sup> Nov.,2006.
- Dr. Pradip Karnik, Librarian was invited as a resource person at Shri Wamanraj Publication, Pune for their Silver Jubilee programme on 12<sup>th</sup> March, 2007. He presented on books published by Shri Wamanraj Prakashan in the 25 years.

### **Teachers as participants**

- Ms. V. R. Utpat and Ms. Anita Hamand from the Department of Economics participated in a workshop conducted by Raheja College on the Revised Syllabus of S.Y.B.Com. on 1<sup>st</sup> July 2006.
- Dr. P. A. Salvi, Ms. V. R. Utpat and Ms. Anita Hamand from the Department of Economics attended a seminar on *Infrastructure* at the Department of Economics, University of Mumbai on 6<sup>th</sup> and 7<sup>th</sup> February, 2007.
- Ms. Anita Hamand from the Department of Economics participated in a workshop organized by the Mithibai College to discuss the Revised Syllabus of Business Economics Paper III at T.Y.B.Com. on 20<sup>th</sup> Jan 2007.
- Ms Gayatri Gadgil and Ms. Minouti Naik from the Department of English attended a workshop on Syllabus Revision for Communication Skills in English at Siddharth College on 29<sup>th</sup> November, 2006
- Ms Minouti Naik from the Department of English attended a seminar on *Women's Voices in Contemporary British Literature* held in the Sophia College on 15<sup>th</sup> December, 2006.
- Mr Surendra Athawale from the Department of English attended a seminar entitled Emerging Trends in Bhasha Literature on the Kalina Campus in December 2006
- Ms Minouti Naik from the Department of English attended and served as a rapporteur for a seminar on Microcredit in India organised on 1<sup>st</sup> February 2007 at the Mirador Hotel
- Ms Gayatri Gadgil and Ms. Minouti Naik from the Department of English attended a Yoga Workshop conducted by the Department of Philosophy on 15<sup>th</sup> February, 2007

- Ms. Deepali Bhide from the Department of Geography participated in a one-day seminar on *Women Empowerment* organized by N. K. T. Thanawala College, Thane in September 2006.
- Ms. Deepali Bhide from the Department of Geography successfully completed an Orientation Programme organized by the UGC Academic Staff College, University of Mumbai, from 3<sup>rd</sup> November 2006 to 2<sup>nd</sup> December 2006 with 'A' Grade. organised by the Department of Geography, University of Mumbai on 23<sup>rd</sup> March, 2007
- Ms. Deepali Bhide from the Department of Geography participated in a one-day workshop on *Remote Sensing Techniques* organised by the Department of Geography, University of Mumbai on 23<sup>rd</sup> March, 2006.
- Dr. Rekha Gore from the Department of History participated in a workshop organized by the Bombay History Teachers Academy on 25<sup>th</sup> June, 2006 at Jai Hind College, Mumbai.
- Dr. Rekha Gore from the Department of History participated in a 3 day National workshop on *Reason and Religion in Akbar's India* held on 14, 15 & 16 September, 2006 at the Department of History, University of Mumbai.
- Dr. Rekha Gore from the Department of History participated in a 2 day state level interactive workshop on *Research Methods, Areas & Trends in History* held on 1<sup>st</sup> and 2<sup>nd</sup> July, 2006 at the Department of History, University of Mumbai.
- Dr. Rekha Gore from the Department of History participated in a workshop on *Revision of Syllabi of Foundation Course Paper I & II* organized by the Nagindas Khandwala College, on 20<sup>th</sup> July, 2006.
- Ms. Vaishaili Jawalekar from the Department of Marathi successfully completed MSCIT course in July 2006
- In November 2006 Ms. Anagha Mandavkar from the Department of Marathi participated in a workshop organized by C-DAC regarding proof reading and translation.
- Ms. Vaishaili Jawalekar from the Department of Marathi attended a seminar on *Linguistics* conducted by the Department of Marathi, University of Mumbai on 14<sup>th</sup> and 15<sup>th</sup> March, 2007
- Ms. Anupama Yende from the Department of Philosophy attended a workshop on 14<sup>th</sup> July, 2006 held at Palghar Sonopant Dandekar College to discuss revision of syllabus at the undergraduate level
- Ms. Simmin Bawa from the Department of Philosophy attended a seminar held on 20<sup>th</sup> July, 2006 to brainstorm a new syllabi for Foundation Course I & II
- Ms. Simmin Bawa from the Department of Philosophy attended a seminar on "Wither Higher Education" organized by the Bombay Philosophical Association at the University of Mumbai, Kalina Campus, held on 18<sup>th</sup> November, 2006.
- Ms. Anupama Yende from the Department of Philosophy attended an orientation programme organized by UGC from 3<sup>rd</sup> November to 2<sup>nd</sup> December at the University of Mumbai
- Ms. Raksha Vaidhya from the Department of Philosophy attended a seminar held on the occasion of World Philosophy Day at the University of Mumbai on 25<sup>th</sup> November, 2006.
- On 20<sup>th</sup> January, 2007, Ms. Anupama Yende and Ms. Simmin Bawa from the Department of Philosophy attended a one-day workshop at BNN College to discuss the changes in the syllabi at the undergraduate level.

- Ms. Anupama Yende from the Department of Philosophy attended a two-day national seminar on *Bioethics* on 24<sup>th</sup> and 25<sup>th</sup> of January 2007 at Joshi Bedekar College.
- Dr. Diwan, Ms. Tatke and Ms. Khale from the Department of Psychology attended a State-level Workshop on *Counselling Skills for Teachers* at S. K. Somaiya College on 1<sup>st</sup> and 2<sup>nd</sup> December, 2006
- 12 students of S.Y. B.A., 6 students T.Y.B.A and 3 teachers from the Department of Psychology attended the Annual Conference of Bombay Psychological Association on *Child and Adolescent Mental Health* held at S.N.D.T. University, Churchgate; Dr. Diwan co-chaired a session of paper presentations by professionals and teachers on 8<sup>th</sup> and 9<sup>th</sup> January, 2007
- Ms. Tatke and Ms. Khale from the Department of Psychology attended a workshop on *Building Awareness - Reducing Risk: Mental Illness and Suicide* at MMP Shah College, on 10<sup>th</sup> October, 2006.
- Ms. Tatke from the Department of Psychology and T.Y.B.A. students attended a talk on *Neuropsychology* by Dr. Rajesh Miranda at the Department of Applied Psychology of University of Mumbai on 28<sup>th</sup> September, 2006.
- Ms. Shama Khale from the Department of Psychology attended a programme on *Cross-cultural Perspectives on Child and Adolescent Mental Health* organized by the Department of Applied Psychology, University of Mumbai on 6<sup>th</sup> October, 2006.
- Mr. P. S. Shet and Mr. N. V. Kulkarni from the Department of Accountancy attended a one day workshop on *Implementation of project work in Accountancy for the applied component subject at T.Y.B.Com* organised by C. L. Valia College, on 30<sup>th</sup> August, 2006.
- Mr. R. S. Netawate and Ms. Prathma Nemane from the Department of Commerce attended a one day workshop on *Implementation of Project Work in Commerce for the applied component subject at T.Y.B.Com* organized by the C. L. Valia College, on 30<sup>th</sup> August, 2006.
- Ms Prathma Nemane from the Department of Commerce attended a 2 day UGC sponsored National level seminar on *Entrepreneurship-Perspectives in the Changing World* organized by the M. D. Shah Mahila College on 19<sup>th</sup> and 20<sup>th</sup> February, 2007.
- Dr. (Mrs.) Heble and Dr (Mrs.) S.A. Sawant from the Department of Botany attended a three day National Seminar on *Emerging trends in plant metabolites* from 16<sup>th</sup> to 18<sup>th</sup> November, 2006 at Jhunjhunwala College.
- Mrs. Swain and Mrs. Neha Sawant from the Department of Botany attended a Refresher Course in *Life Sciences* conducted by Birla College, from 30<sup>th</sup> October to 18<sup>th</sup> November, 2006.
- Mrs. Neha Sawant from the Department of Botany attended a National Conference on *Environmental Technology – Biological Perspectives* on 9<sup>th</sup> and 10<sup>th</sup> February, 2007 and a seminar on *Opportunities in Horticulture* on 22<sup>nd</sup> January, 2007.
- Dr. R. K. Jadhav from the Department of Botany attended an Orientation Programme conducted by the University of Mumbai and sponsored by UGC from 2<sup>nd</sup> February to 3<sup>rd</sup> March, 2007 and was awarded the B grade.
- Mr. K.T. Waghmode from the Department of Chemistry completed an Orientation Course in October 2006.

- Dr. R.V. Rele and Dr. J.V. Patil from the Department of Chemistry completed a Refresher Course with 'A' Grade in October 2006.
- Dr N.R. Pai Dr. D. A. Shanbhag, Dr. R.S. Manjrekar from the Department of Chemistry attended an International Conference on *Emerging Trends in Chemistry* at the Department of Chemistry, University of Mumbai
- Dr. D.A. Shanbhag from the Department of Chemistry participated in an International Seminar on *Nanotechnology : Perspective and Prospects* held on 25<sup>th</sup> and 26<sup>th</sup> May, 2006 at TIFR organised by the Indian Institute of Chemical Engineers
- Dr. D.A. Shanbhag from the Department of Chemistry attended the Annual Convention of Chemists hosted by the Department of Chemistry, Dr. Balasaheb Ambedkar Marathwada University, Aurangabad organised by the Indian Chemical Society, Kolkatta from 23<sup>rd</sup> to 27<sup>th</sup> December, 2006
- Dr. D.A. Shanbhag from the Department of Chemistry attended a lecture by Dr. Henry Schaefer on *Combustion Chemistry : The Mysterious Ortho-Benzynes* at Wilson College on 16<sup>th</sup> January, 2007
- Dr. N. R. Pai from the Department of Chemistry attended the 19<sup>th</sup> Research Scholars Meet 2007 at Thakur College in February 2007
- Ms Priti Sutar and Ms. Pallavi Surve from the Department of Computer Science attended a seminar on the syllabus for T.Y.B.Com. at N.M College.
- Ms. Kanchan from the Department of Computer Science attended a workshop to discuss the revision of syllabus and practicals for T.Y.B.Sc. in Computer Science held at Kirti College.
- Mr. Sagar Kotekar-Patil from the Department of Information Technology attended a five day training programme on *Storage Technology* conducted by EMC at Bangalore from 19<sup>th</sup> to 23<sup>rd</sup> June, 2006.
- Mr. Sagar Kotekar-Patil from the Department of Information Technology attended a panel discussion on *Impact of Intelligent Information Infrastructure on Human Resources and Indian Economy* conducted by EMC at Bangalore on 14<sup>th</sup> March, 2007.
- Mrs. Rakhee Rane from the Department of Information Technology attended a one day workshop on *Industry Academic Synergy* in November 2006.
- Mrs Jayshree D. Mehta from the Department of Mathematics attended a seminar entitled *Symmetry* held at Jai Hind College on 18<sup>th</sup> November, 2006.
- Mrs. Abhaya Chitre from the Department of Mathematics participated in a National Symposium on *Combinatorics* organized as a part of the Sesquicentennial Celebrations of the University on 15<sup>th</sup> and 16<sup>th</sup> January, 2007.
- Mrs Jayashree Mehta and Mr. V. B. Shinde from the Department of Mathematics attended a half day workshop on *Revision of Syllabus for F.Y.B.Com. (Mathematical and Statistical Techniques)* organized jointly by the Board of Studies in Mathematics and Statistics , University of Mumbai, held at the K.P.B. Hinduja College of Commerce on 13<sup>th</sup> December, 2006

- Mrs. Abhaya Chitre and Mr. Pramod Jadhav from the Department of Mathematics attended a workshop-cum-training programme in DBMS, RDBMS, SQL held at Kirti College organised jointly by the Board of Studies in Mathematics and Statistics from 13<sup>th</sup> June to 16<sup>th</sup> June, 2006.
- Mrs. Abhaya Chitre and Mr. Pramod Jadhav from the Department of Mathematics attended a workshop-cum-training programme on *Networking* held at Mithibai College, organized jointly by the Board of Studies in Mathematics and Statistics on 19<sup>th</sup> and 20<sup>th</sup> June, 2006
- Mrs. Abhaya Chitre and Mr. Pramod Jadhav from the Department of Mathematics attended a workshop-cum-training programme in *C Programming* held at Ramniranjan Jhunjhunwala College organised jointly by the Board of Studies in Mathematics and Statistics on 21<sup>st</sup> and 22<sup>nd</sup> June, 2006.
- Mrs. Abhaya Chitre and Mr. Pramod Jadhav from the Department of Mathematics attended a workshop in the subject of *Computer Programming and System Analysis* held at the Department of Computer Science, University of Mumbai, on 11<sup>th</sup> December 2006.
- Dr. Tushar Desai, Mrs. Vidya Patil and Dr. Mugdha Patki from the Department of Physics attended a two day workshop for M.Sc.-II (Physics) Revised Syllabus conducted by the Department of Physics, University of Mumbai in July 2006.
- Mr. Dilip Maske, Mr. Ganesh S. Madkaikar and Mr. Bipin P. Sonawane from the Department of Physics attended a Sesquicentennial Year Celebration workshop on *Frontiers of Physics* organized by the Department of Physics, University of Mumbai in association with the Indian Academy of Sciences, Bangalore from 9<sup>th</sup> to 11<sup>th</sup> October, 2006 at the University Department of Physics
- Mr. Dilip Maske and Mr. Ganesh S. Madkaikar from the Department of Physics attended a one day seminar on *Advanced Materials* organized by the Department of Physics, G.N. Khalsa College, on 23<sup>rd</sup> September, 2006.
- Mr. Dilip Maske and Ms. Jyoti Lokhande (Mrs. Amare) from the Department of Physics attended a one day workshop on *Quantum world of matter and light* at N. G. Acharya and D. K. Marathe College on 3<sup>rd</sup> February, 2007
- Mr. Dilip Maske from the Department of Physics attended a one day workshop on *Lasers – The Wonder Light* organized by the Department of Physics, G.N. Khalsa College, on 12<sup>th</sup> January, 2006.
- Mr. Dilip Maske from the Department of Physics attended a National Seminar on *New Horizons in Physics* organized by the Department of Physics, Yeshvantrao Chavan Institute of Science, Satara on 20<sup>th</sup> and 21<sup>st</sup> January, 2007.
- Mr. Dilip Maske from the Department of Physics attended a workshop on *Nanotechnology and Ion Beams* at the Department of Physics, University of Mumbai on 1<sup>st</sup> and 2<sup>nd</sup> March, 2007
- Ms. Jyoti Lokhande (Mrs. Amare) from the Department of Physics attended a Sesquicentennial Year Celebration four day conference on *Liquid Crystal* organized by Department of Physics, University of Mumbai from 5<sup>th</sup> December to 8<sup>th</sup> December, 2006.

- A one-day workshop on *Guidelines to conduct Practical Course for T.Y.B.Sc. Statistics* conducted by the Kirti College was attended by all teachers of the Department of Statistics.
- Mrs. V. V. Gokhale and Mrs. V. P. Kanitkar from the Department of Statistics participated in a half day workshop on *Revision of Syllabus for F.Y.B.Com. (Mathematical & Statistical Techniques)* conducted in K. P. B. Hinduja College of Commerce.
- Ms. Maneesha Dabir from the Department of Zoology attended a workshop on the revised syllabus for M. Sc. Part II organized by the Biological Association.

## 8. Total number of seminars/workshops conducted:

*The College has a lot of Associations, which are usually related to the subjects offered by the College. These Associations conduct seminars, workshops and other activities on a regular basis to encourage students and expose them to organisational skills and build in them confidence and leadership qualities*

### **Activities of the Associations**

- RUPELA: THE RUPAREL ENGLISH LITERARY ASSOCIATION
  - Screenings  
*Wuthering Heights*  
*Pride and Prejudice*  
*The Great Gatsby*
  - Scripting, direction and performance  
*City Poems* – Ms Preeti Shirodkar and students of SYBA  
*Hayavadana* – Ms Minouti Naik and students of SYBA  
*Post-its* – students of St. Xavier’s College
  - Regular class presentations by students of S.Y.B.A. on Background topics
  - Competitions
  - Students of Functional English Levels I and II submitted three entries for a poster, jingle and print ad campaign on the Right to Information Act
  - Ms. Divya Nadkarni and Swati Ghiya presented a paper entitled *Cop(e)ing with the Modern Times* at an intercollegiate paper presentation competition held at the Sophia College
  - Ms. Ruta Karve and Ms. Rucha Danait presented a paper entitled *Contemporary Women Writers: A (B)Lessing in Disguise* at an intercollegiate paper presentation competition held at the Sophia College
  - Workshop on Creative Writing
- The Department of Geography formed an association entitled named Genesis. The inaugural lecture entitled *Aristotle to Big Bang* was delivered by Mr Achyut Godbole in August 2006
- The Department of Geography had arranged a field trip to the Borivali National Park in September 2006 for F.Y., S.Y.B.A. and F.Y.B.Com. students

- A one day workshop on *Competitive Examinations* was conducted by the Department of History on 29<sup>th</sup> July, 2006. Mr. Ajit Joshi (IAS Officer) & Bhushan Deshmukh (IAS Coaching Classes convenor) were invited as resource persons.
- The Department of History organized an educational visit to the Nehru Science Centre.
- A video on Ajanta, Ellora & Elephanta caves was shown to students of the college by the Department of History.
- The Department of Marathi conducted a workshop on *Literary Skills in the Media* conducted by Ms Rashmi Warang a Radio Jockey in November, 2006
- Mr. Jaydev Hattangadi (a well known theatre personality) was invited by the Marathi Vangmay Mandal to deliver a lecture on 1<sup>st</sup> December, 2006
- Ms. Kavita Mahajan (a well known Marathi author) was invited by the Marathi Vangmay Mandal to deliver a lecture on 25<sup>th</sup> July, 2006
- A poetry competition was organized for students by the Marathi Vangmay Mandal in the First Term and the results were declared in January 2007 during the *Kavi Sammelan*.
- The Department of Philosophy conducted a seminar on *Kriya Yoga* for students on 24<sup>th</sup> August, 2006
- The Department of Philosophy held a workshop on *Yogasanas and Pranayama* for the staff of the college on 15<sup>th</sup> February, 2007
- A student of the Department of Political Science is given 10-15 minutes to present his paper, which is normally on any burning political topic of the day [e.g. suicides of farmers in Vidarbha.] Nearly a dozen students participate in this every year.
- This year students were taken to the AIRC and Tata Institute of Social Sciences for a half-day workshop on *Research Methodology* by the Department of Political Science
- A 3-hour lecture-cum-demonstration session on *Benefits of Yoga, Pranaayam, and Shavaasana* by Ms. Kunda Upasani (Yoga Teacher) was organized in the College Gymkhana for students of F.Y., S.Y. and T.Y.B.A. on 15<sup>th</sup> September, 2006 by the Department of Psychology
- Dr Anagha Barve delivered a talk in the Department of Psychology on *Psychology of Happiness* on 17<sup>th</sup> February, 2007
- The Department of Psychology had arranged a field visit to the Tata Memorial Hospital where they attended three talks on *Palliative Care for Cancer Patients* by counsellors and social workers.
- CASSO had organized a guest lecture on *Management* by Dr. Surnis, Principal of Chetana College in September 2006.
- CASSO had organized a guest lecture on *Investment Analysis & Portfolio Management* by Mrs. Shanti Suresh of SIES College in September 2006.
- CASSO had organized an industrial visit to the Parle-G Biscuit factory in the month of November 2006.
- CASSO had organized a talk on *Marketing & Advertising* by Mr Mangesh Borse from Wellingkar Institute of Management & Research in December 2006.

- Chemarc
  - The Department of Chemistry conducted a *Clinical Research* seminar by Dr. R.T. Sane.
  - A lecture on career guidance was delivered by Dr. Prabodh Chobe, General Manager, BASF India Ltd. on 22<sup>nd</sup> August, 2006.
  - Seminar on *NMR Spectroscopy* by Prof. S.D. Samant, Head, Department of Chemistry & Dean, Academic Programmes, UICT on 24<sup>th</sup> January, 2007
  - A lecture on *Clinical Research: The Future Now* delivered by Dr R.T. Sane, Director, International Centre for Training in Clinical Research (ICTCR) and Ex-Principal Ruia College on 9<sup>th</sup> February, 2007.
  - A talk on *Pursuing Higher Studies Abroad* by Dr. Nikhil Bhiwankar, Sr. Scientist, St. Gobain on 13<sup>th</sup> January, 2007.
  - Throughout the academic year 2006-2007 students of T.Y. B.Sc and M.Sc. have participated in seminars on various topics within the syllabus and out of the syllabus.
  - A half day workshop on *Consumer Awareness* on 24<sup>th</sup> March, 2007 from 9:30 am to 1:30 pm for housewives, faculty, non-teaching staff and NSS volunteers. It dealt with the rights & responsibilities of the consumer, advertisements, the Consumer Protection Act and food adulteration.
- The Department of Computer Science conducted the following programmes
  - *Career Guidance, Personality Development and Interview Techniques* by Mr. Satish from Career Forum
  - Interactive session on *JSP and Servlets* by Ms. Aparna Shrotriya from Wipro, Pune
  - Three day departmental festival entitled ASTUTES
  - Presentations by students of T.Y.B.Sc. Computer Science
- The Department of Mathematics held a talk on *Improving Memory and Concentration* which was delivered by a Brahmakumari.
- The Department of Mathematics had organised a talk on *Career Guidance* by Mr. Chinmay Tumble
- A two-day workshop was conducted by the Department of Physics on 5<sup>th</sup> and 6<sup>th</sup> March 2007 on the topic *Preparation of manuals for F.Y.B.Sc. and S.Y.B.Sc. Physics Practicals*. All teachers attended the workshop.
- The Department of Zoology organized a one day symposium entitled "*Green and Blue Treasures of India*, a programme based on their excursion to Amboli, Periyar and Silent valley. All S. Y. B. Sc. and T. Y. B. Sc. students participated in the symposium.
- The Department of Zoology had organized a *Meet Our Alumni* programme on 13<sup>th</sup> Feb.2007, where Dr. Sujala Pathare (Clinical Research Scientist, Aventis) spoke on *Stem Cell Research*; Dr. Narsinha Thakur (Head, Marine Natural Products, Nicholas Piramal) spoke on *Marine Sponges and associated Micro-organisms* and Sushil Sule (General Manager, Marketing, Solvay pharma.) guided the students about *Prospects of Biology in the Pharmaceutical Industry*.



- Dr. Ganu, Director, VHB pharmaceuticals, inaugurated Bioneers Club a joint venture of Botany and Zoology Department and delivered a talk on “In the Wonderland of Pharma Industry” on 16<sup>th</sup> September, 2006.
- Department of Zoology had organized a talk on “Sea food safety- Biotechnological application” on 1<sup>st</sup> March 2007 by Dr. Iddya Karunasagar, Director of Research, Karnataka Veterinary, Animal and Fisheries Sciences University, for Post Graduate students and University Teachers.

## 9. Research projects

### a) Newly implemented:

- Ms Preeti Shirodkar has been sanctioned a minor research project by the University of Mumbai entitled *Alternative Teaching Learning Methodologies : A Case Study of Plays in English for Children performed in Mumbai*
- Ms. Neeta Tatke from the Department of Psychology has undertaken a minor research project on *Physical Fitness & Mental Health in Competitive Sportsmen in Mallakhamb, Judo, Kho-Kho and Gymnastics* sanctioned by the University of Mumbai
- Mr. K.T.Waghmode of the Department of Chemistry is working on a project sanctioned by the University of Mumbai for research on *Study of the Green Chemical Processes. Intensification Rates and Selectivities.*
- Department of Zoology
  - i. Dr Madhavi Indap has received Rs 61000 from Rameshwardasji Birla Smarak Kosh for the project *Immunomodulatory and antioxidant activities of extracts from marine organisms* for 1 year (2006-2007)
  - ii. Dr Madhavi Indap has received a U.G.C. Major Research project – *Modulatory effect of extracts of different marine organisms on drug induced clastogenecity.* The amount approved is 6, 41,600/ for the duration of 1/4/2007- 31/3/2010

### b) Completed:

- Dr. N.R. Pai from the Department of Chemistry has completed a UGC minor project file no 47-371/2004 of amount Rs.49000/ entitled *Studies and Synthesis of Antidiabetic and Antibiotic Compounds and Separation by Chromatographic Methods*
- Mr. Subodh Sapre, Mrs. Vidya Patil and Dr. Mugdha Patki from the Department of Physics have completed and submitted the project on *Effect of Temperature Variation and Electric Field on Exogenous Neurotransmitters- Adrenaline and Dopamine* to the University of Mumbai in August 2006.
- A project undertaken by the Department of Zoology which is in its last phase of completion is *Isolation, purification and stabilization of tubulin.* This was funded by the Department of Science and technology. The Sanction letter No. and date – SR / S3 / CE / 45 / 2003 – SERC-Engg., dated 10<sup>th</sup> February 2003. The amount approved and utilized is

Rs 15,77,723 (This project is in collaboration with MUICT and the share of Ruparel College is Rs. 10,28,123) for the duration of 3 years (2004-2007).

#### **10. Patents generated, if any:**

- The Department of Zoology has applied for a patent for *A one step flow through adsorptive purification of tubulin from tissue homogenate* by A.M Lali, A. Annamma, Madhavi Indap, Reena Pandit. Filed in India dated 03.05.2004, ref. No. 222 / DEL / 2000 (funding agency DST)
- The Department of Zoology has also applied for a permanent patent for the same

#### **11. New collaborative research programmes:**

- Dr. N.R. Pai from the Department of Chemistry is working on a Ph.D. programme in collaboration with BASF

#### **12. Research grants received from various agencies:**

- Ms. Preeti Shirodkar from the Department of English was awarded a grant of Rs. 10,000/- by the University of Mumbai for a minor research project entitled *Alternative Teaching Learning Methodologies : A Case Study of Plays in English for Children performed in Mumbai*
- Ms. Neeta Tatke received a Research Grant of Rs 18,000/- from University of Mumbai for research on *Physical Fitness & Mental Health in Competitive Sportsmen in Mallakhamb, Judo, Kho-Kho and Gymnastics*
- Research Grant of Rs. 20,000 has been received by Mr. K.T.Waghmode of the Department of Chemistry from the University of Mumbai for research on *Study of the Green Chemical Processes. Intensification Rates and Selectivities.*
- Rs 1 lac received from Ms.Seksaria Chemicals in 2004 for conducting research under Dr N.R. Pai from the Department of Chemistry.
- Dr Madhavi Indap from the Department of Zoology received Rs. 13,600/- from Rameshwardasji Birla Smarak Kosh.
- Dr Madhavi Indap from the Department of Zoology received Rs. 2,60,000/- From D.S.T. in the year 2006-07.

#### **13. Details of research scholars:**

##### *Teachers as research scholars*

- Mr. K.J.Chavan. from the Department of Chemistry has registered for Ph.D. under Dr. U.P. Mashelkar and Mr. V.L.Chavan. for M.Phil. at Allagappa University.
- Mrs. A.G. Daptardar from the Department of Statistics has enrolled for M.Phil. in Statistics

*Teachers as guides*

- Department of Economics
  - Dr P A Salvi  
*2 students for Ph.D.*  
Ms. Neelam Gawade  
Mr. Sameer Anvekar
- Department of Botany
  - Dr V.V. Golatkar  
*4 students for Ph.D.*  
Deepak Sohoni  
Manjiri Bhave  
Neeraja Ambiyee  
Komal Palande
  - Dr S.A. Sawant  
*2 students for Ph.D.*  
Dhwani Goradia  
Neeta Patil
- Department of Chemistry
  - Dr. (Mrs.) N. R. Pai  
*3 students for M.Sc.*  
Chaudhari Sanket Pandit  
Mhatre Vinayak Shamrao  
Pusalkar Deeptaunshu Atul  
*6 students for Ph.D.*  
Borate Kailaskumar A  
Chavan Ameya Arun  
Dubhashi Deepnandan S.  
Kulkarni Parag P.  
Samel Amrish B.  
Waghmode Krishnakant T  
Vishwasrao Sandesh G. *(to be registered. Research proposal approved).*
  - Dr. D. A. Shanbag  
*3 students for M.Sc.*  
Khumdagale Amit N.  
Jayraman Sunita  
Mahale Umakant P.
- Department of Zoology
  - Dr. Madhavi Indap  
*6 students for Ph.D.*  
Mr. Aditya Akerkar.  
Ms. Sushama Parab.  
Ms. Babita Balakrishnan.  
Mrs. Reena Pandit.

Mrs. Monica Chavan.

Mrs. Rupa Phatak.

- Dr. Pradip Karnik, our Librarian has been selected as a Ph.D. & M.Phil. guide for Y.C.M.O.U and Alagappa University, for the subject of Library and Information Sc. Eight students have enrolled under .his guidance for M.Phil. in Library and Information Sc.

#### 14. Citation index of faculty members and impact factor:

Not available

#### 15. Honours/Awards to the faculty:

- Ms. Tatke from the Department of Psychology was felicitated for her work in the field of sports by the Chief Minister of Maharashtra Shri Vilasrao Deshmukh, at the *Indradhanushya Cultural Festival* organised by the University of Mumbai on 9<sup>th</sup> November, 2006.
- Ms. Tatke from the Department of Psychology was felicitated for her contribution to the Indian Physical Culture by the Governor of Maharashtra Shree S. M. Krishna on 1<sup>st</sup> May, 2006. She was also felicitated during the South Asian Universities Youth Festival on 11<sup>th</sup> March, 2007.
- Mr. R. S. Netawate from the Department of Commerce was given an Ideal Teacher Award by Dr. Babasaheb AAmbedkar Dalit Mitra Sansthan, Jail Road, Nashik
- Dr.Ganesh Pathre from the Department of Chemistry received the best thesis award of cash prize of Rs. 10,000/- at U.I.C.T
- Dr. Madhavi Indap from the Department of Zoology was awarded the 1<sup>st</sup> prize for the best presentation for her paper entitled *In-vivo and in-vitro estimation of immunomodulatory activity of three marine organisms* of USD 1500/- for representing India at Israel at the 8<sup>th</sup> International Marine Biotechnology Conference in March by Wondercare Pvt. Ltd. Kolkatta.
- Miss Babita Balakrishnan from the Department of Zoology has been selected from one lakh applications to be awarded a research scholarship of Rs. One Lakh by 'Fair and Lovely' to pursue her doctoral work entitled *Evaluation of extracts of some marine molluscs on bone metabolism: An experimental study* for the term of two years .from January 2007-2009.
- Dr. Pradip Karnik, our Librarian has received a prize for valuable contribution in the field of Library and Literature from the Deshbhakta Vishnu Ganesh Als. Tatyasaheb Shenai-Kharkhate Trust.
- Dr. Pradip Karnik, our Librarian has received the 'Dr. Babasaheb Ambedkar Smruti Grantha Sanskruti Puraskar' from the Konkan Marathi Sahitya Parishad for his book *Granth, Granthalaya Ani Granthasanskriti*.

## 16. Internal resources generated:

- The Department of English has collected Rs. 51,200 by way of fees collected from students for the Certificate and Diploma Courses in Functional English under the Add on Vocational Courses Scheme of the U.G.C. and Rs. 10,800 for the Proficiency in English Course under the COHSSIP Scheme of the UGC
- A laptop has been donated by Mr Deepnandan Dubashi a student for use of the faculty of the Department of Chemistry
- Library
  - i. Internet Fee 12,325=00 up to 7.03.07
  - ii. Fine 25,400=00 up to 7.03.07
  - iii. Book Bank 29,406=00 from the University of Mumbai

## 17. Details of departments getting SAP, COSIST (ASSIST)/DST. FIST, etc. assistance/ recognition:

- The Department of English continues to conduct the Proficiency Course in English under the COHSSIP Scheme
- The Department of English continues to conduct Functional English under the Vocational Courses Scheme

## 18. Community services:

- Ms Minouti Naik from the Department of English has taught a course in *Effective Communication* to volunteers of the Aditipuri Charitable Trust.
- Disha Counselling Centre had organized a Counselling Helpline service for the people affected by the Mumbai bomb blasts. 25 TYBA students received training for this on 22<sup>nd</sup> July, 2006 and they worked as volunteers of the service from 24<sup>th</sup> to 30<sup>th</sup> July, 2006.
- Ms Neeta Tatke from the Department of Psychology teaches yogasanas and mallakhamb to visually challenged students from Victoria Memorial School for the Blind and Kamla Mehta School for the Blind
- Dr N Diwan from the Department of Psychology has been donating Rs 6000 to Prabodhini an institute for the mentally challenged at Nashik for the past two years
- All the lecturers in the Department of Accountancy are practicing Chartered Accountants. Numerous present and past students and their friends approach them for practical training and are taught writing of books of accounts, in the audit and taxation fields.
- Dr. Golatkar from the Department of Botany gives guidance to the students of Anjuman –I-Islam school in Bandra to improve their performance in the HSC exam.
- Dr D.A. Shanbhag and Dr. N.R. Pai of the Department of Chemistry contributes money to charity organizations like CRY and Ashram Shala at Wangani

- Dr R.S. Manjrekar is involved in community services through various projects and activities of the Rotary Club and Aavishkar an NGO in the fields of education and for senior citizens.
- Services given by Library

#### Special Readers

No.	Name of User	No. of Books Issued
1	Prof. Gangadhar Gadgil ( Eminent Writer )	02
2	Shri. M. D. Paradkar ( Eminent Scholar )	04
3	Smt. Shubhada Choukar ( Columnist in Loksatta )	04
4	Smt. Sunanda Bhosekar ( Columnist in News Paper)	05
5	Smt. Rani Durve ( Columnist in News Paper )	06
6	Advait Dadarkar ( Director, Marathi Theater )	06
7	Mr. Chandrakant Bhonjal (Sanchalak, YCMOU, Nashik )	08
8	Mr. S. S. Sompurkar ( Ex-Librarian )	02
9	Mr. Jayant Moghe ( Ex-Librarian )	02

#### Retired Staff

No.	Name of User	No. of Books Issued
1	Prin. Dr. B.R.Shinde (Ex-Principal )	37
2	Mrs. Seema Toraskar (Ex-HOD, History Dept.)	12
3	Prin. Dr. P. M. Sule (Ex-Principal, Chairman-Modern Edu .So.)	08
4	Prof. G. R. Shinde (Ex-Prof., Economics Dept.)	05
5	Prof. V. M. Lele (Ex-Prof., Physics Dept )	04
6	Prof. M. M. Shirodkar (Ex-Astt. Librarian )	04
7	Prof. Sudha Sukla (Ex-HOD. Botany Dept. )	03

8	Prof. M. B. Sutavani (Ex-Prof., Physics Dept. )	03
9	Prin. Yevalekar (Ex-Principal )	02
10	Dr. Wani (Ex-Librarian, New Law College )	01

### Bibliographical

Institute/Person	Subject
Disha (Monthly Periodical)	Bibliography of Bharat Sasne
Mr. Dasu Vaidya (Poet)	Bibliography of Bharat Sasne
Prin. P.G.Hirlekar sir	List of Competitive Exam. Books available in the College Library
Sunanda Bhosekar	Marathitil Kaviyatri : Kavyalekhan 1800-1960
Shri. Shirishdada Kavade	Loksahitya, Bhashashastra, aani Santsahitya Suchi
Future Principals	List of Books about University-Rules, Education etc.
Dr.T.M.Desai (Com.Sc. & IT)	List of Books related to Computer Sc. & IT.
Dr. Santosh Dastane	Party Politics in Maharashtra
Physics / Chemistry / Botany / Zoology Dept.s	List of Books for M.Sc. Class.
University Guest for Sesquicentennial Celebrations of the Uni. Of Mumbai	Bibliography of books on Uni. Of Mumbai, Pub.s of Uni. Of Mumbai & Mumbai City.
Dr.P.A.Salvi (DMS / BMS)	List of Books related to DMS / BMS subject.

- The N.C.C. and N.S.S. students of our college regularly organise blood donation camps
- The N.C.C. cadets of our college help in maintaining law and order during Ganapati Visarjan
- The N.S.S. unit of the D. G. Ruparel College carried out the Rakhi Project by selling 1000 rakhis prepared by mentally retarded children from the Kokoomal & Keslibai Vocational Rehabilitation Centre for males and females.
- The N.S.S. volunteers of the college cleaned the Shivaji Park beach the day after Ganapati Immersion in order to protect the environment and save the beach.

- A One-O-Two Study Class Project was conducted at the Dadar Municipal School. Each volunteer taught two students English, Mathematics, and Science. About 50 students of class 8<sup>th</sup> & 9<sup>th</sup> benefited from this project.
- The D. G. Ruparel College N.S.S. unit organized SCTS 2006 with the objective of giving senior citizens a chance to participate and perform before a live audience in the D. G. Ruparel College. About 26 senior citizens participated in this programme and were happy to receive certificates and prizes.

#### **19. Teachers and officers newly recruited:**

- Ms. Shilpa More has been appointed on C.H.B. in the Department of Economics
- Ms Minouti Naik has been re-appointed on CHB in the Department of English
- Mr AB Pashte has been re-appointed on CHB in the Department of Hindi
- Ms. Simmin Bawa and Ms. Raksha Vaidhya have been appointed in the Department of Philosophy on a consolidated and CHB basis respectively
- Ms. Shama Khale was appointed in the Department of Psychology w.e.f. 17<sup>th</sup> July, 2006 on CHB in place of Mr. Gangurde who resigned.
- Miss Prathma Nemane was appointed in the Department of Commerce from 26<sup>th</sup> July, 2006 on a consolidated basis
- Miss Kavita M. Baddi was appointed in the Department of Commerce from 7<sup>th</sup> November, 2006 on a consolidated basis
- Mr CA Sawant was appointed on CHB in the Department of Commerce
- Ms Priti Sutar was appointed in the Department of Computer Science on a consolidated basis.
- Ms Pallavi Surve was appointed in the Department of Computer Science on a consolidated basis.
- Ms Rubina Shaikh was appointed in the Department of Computer Science on a consolidated basis.
- Ms. Smrutika Dekhate was recruited in the department of Information Technology in the academic year 2006-2007 on a consolidated basis.
- Mr Pramod Jadhav was recruited in the department of Information Technology in the academic year 2006-2007 on a consolidated and part-time basis
- Mr Pramod Jadhav and Miss Usha Bag were appointed in the Department of Mathematics on 29<sup>th</sup> June, 2006 on a Clock Hour Basis.
- Ms Shruti Save has been appointed in the Department of Physics on CHB in July 2006
- Ms. Babita Balakrishnan, Ms MR Chavan and Mr AJ Akerkar have been appointed in the Department of Zoology on a Clock Hour Basis

#### **20. Teaching – Non-teaching staff ratio:**

85 (65 permanent+20 temporary) : 100



## 21. Improvements in the library services:

- The Teachers from the Department of Economics issue books to students after borrowing them on their account
- The Department of English ran a departmental library by selecting important books from the Library, storing them in the Department and issuing them to students.
- 10 books were added to the departmental library by the Department of Psychology
- A departmental library has been set up by the Department of Botany for post-graduate students so that they will have more books available for their studies and project work.
- The Department of Chemistry has started a departmental library (with the help of our library staff), with about 100 books which are received as complimentary copies and have added Rs. 9500/- worth books.
- A separate library facility is made in the department of Information Technology for post graduate students of Information Technology and Computer Science.
- Open accesses for Computer Magazines are made available to all Information Technology students.
- A departmental library facility for T.Y.B.Sc. & M.Sc. students are offered by the Department of Physics.
- The Library held an exhibition on 24<sup>th</sup> January, 2007 for students of B.M.S. which focussed on reference material.
- Books issued out to the Departmental Library for a year, for effective service.

Dept.	No. of Books
English (U.G.)	157
Botany (P.G.)	44
Zoology (P.G.)	05

- Books purchased by the Library with CD's : 34 Books
- The Library has started circulating books from the Lending Section using the computer (with barcode) from June 2006.
- Night Reading Facility
  - i. 5.30 pm To 8.00 pm 18.09.2006 to 11.11.2006
  - ii. 5.30 pm To 8.00 pm February, 2007 to April, 2007
- Data Entry: Added 2617 entries to our data.
- Key Words: Added keywords to our data for 450 books.
- Editing of Book records: Data of 200 books has been edited and checked, for the improvement of our record.
- Extra reading material given for project and research work

English Dept.	15	books
Philosophy Dept. (Yoga)	23	books
Marathi Dept.	18	books
Political Science Dept.	12	books
Psychology Dept.	22	books
M.Sc. Teachers	04	books

## 22. New books/journals subscribed and their value:

- About Rs. 9500/- worth books have been ordered by the Department of Chemistry for its departmental library

### Number of books added to the Library

Category	Year 2005-06	Titles added in 2006-07( Up to 7 <sup>th</sup> March,2007)	Total Books	Amt.
General	65880	821	66707	2,17,967=00
H.S.	9181	392	9573	23,355=00
U.G.C.	10773	69	10842	13,861=00
Book Bank	11990	564	12554	60,205=00
Donation	9906	523	10429	-
Vocational (I.T., B.M.S. etc.)	928	248	1176	62,541=00
<b>Total</b>		<b>2617</b>		<b>3,77,929=00</b>

### Number of Periodicals added to the Library

Category	Year2005-06	Titles added in2006-07	Total Periodicals	Amt.
Arts	33	02	35	9,314=00
Science	30	01	31	26,564=00
Commerce	13	-	13	7,192=00
<b>Total</b>	<b>76</b>	<b>03</b>	<b>79</b>	

6 periodicals have been discontinued due to the discontinuation of their publication

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

- The Department of English has taken a written and verbal feedback from students, who have opted for the Vocational Course in Functional English and their parents, as well as students of the Proficiency Course in English. This feedback is being used to bring about changes in teaching material and implementation.
- In July 2006 and March 2007, T.Y.B.A. students of the Department of Psychology filled out Feedback forms about the teachers and some changes were made in teaching according to their suggestions.

**24. Unit cost of education:**

- Rs 18,226

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

Most of our office work has been computerised long ago and we continue to update it. . The software for the examination results is regularly upgraded in house as per the requirements.

**26. Increase in the infrastructural facilities:**

- In the post-graduate laboratory of the Department of Botany a chamber has been built specially for research students
- One of the teaching staff rooms of the Department of Chemistry was converted into a seminar room.
- Four new workstations were purchased by the Department of Information Technology for the new certificate course on *Storage Technology* for conducting laboratory sessions.
- License of Matlab Ver.7 software was purchased for the purpose of the M.Sc (I.T.) practicals.
- Library

	Lending Section	Reading Hall
i. Fans	01	04
ii. Tubes node	02	-

**27. Technology upgradation:**

- The Department of Psychology received two additional computers in February 2007; CDs of 3 T.Y.B.A. textbooks Instructor's Manuals were procured.
- Post graduate students of the Department of Botany were using a traditional inoculation chamber to grow fungal cultures. Now a 'laminar flow' has been installed for the post-graduate and research students. Similarly, one additional upgraded computer has been installed for the staff and post graduate students.

- A laptop is available in the Department of Chemistry for seminars and workshops, etc for their faculty
- The entire campus network is replaced with fiber optic cables to provide high bandwidth and good reliable connectivity to all nodes.
- The Department of Physics has modernized the apparatus in the laboratory for example mercury thermometers have been replaced by digital thermometers; analog meters have been replaced by digital meters. Moreover the Department also had numerous non functional equipments creating a shortage of apparatus. A Maintenance Camp was organised in association with the WRIC and a majority of the instruments were repaired at an appreciably low cost.
- Three additional computers have been provided for the use of the Department of Statistics. In addition they have also be given 45 new calculators.
- Library

<b>Particulars</b>	<b>No. of Items</b>
Barcode Scanner	02
Client in HRS	01
CD Writer	01

## **28. Computer and internet access and training to teachers and students:**

- The teachers of the Department of English have a computer and internet access both at home and in the department room. Moreover all the teachers in the department are well versed in computers and have been submitting all reports, worksheets and question papers of the department in a computerised form. The students of the Department and other Departments from the Arts Faculty make extensive use of the computer in the Department for making PowerPoint presentations, preparing seminar papers and projects as well as for reference work by surfing the Net.
- One computer in the Department of Psychology has Internet access, which was used by teachers and students.
- Computer and internet access is available in the Department of Chemistry for its post graduate students and staff members.
- In the Library

<b>Users</b>	<b>No. of Users</b>
Staff Members	210
Students	1235
<b>Total</b>	<b>1445</b>

### **29. Financial aid to students:**

- Five students of the college have been given Rs. 9760.00 from the Student Mutual Aid Fund of the College
- Ms. Preeti Shirodkar, Ms. Minouti Naik- teachers from the Department of English and Mr. Abhishek Mande and Mr. Ameya Naik- alumni from the Department have gifted a computer to an alumna to facilitate her further education.
- Dr. Nandini Diwan, Ms. Neeta Tatke and Ms Babani from the Department of Psychology and Ms. Deepali Bhide from the Department of Geography helped Ms. Sonali Varadkar, an ex-student of Psychology Department by providing an aid of Rs. 1000.00 each as tuition fees for her Post-Graduate Studies. Dr. Diwan further gave Rs. 1,400 to her for purchasing books and other expenses, in Jan-Feb.'06.
- By the Library
  - i. Book Bank Rs. 29,406=00
  - ii. Data entry payment 14 students given data entry work @ Rs.1 per entry.

### **30. Activities and support from the Alumni Association:**

- The Department of English makes use of the knowledge and expertise of the alumni of the Department for guidance to present students and students of the add-on courses as well as for placements.
- An e-group of alumni of the Department of Psychology named 'Rupmaanas' was formed on 20<sup>th</sup> July, 2006. At present there are 107 members, living in Mumbai, other parts of India, and other countries like Singapore, Australia, and U.S.A. The members are in regular touch with each other through e-mails, sharing information about jobs available, academic courses and career options, studies abroad, research done by the alumni and past and present teachers of the Department Psychology. Many of the alumni visited the department and gave talks for/ interacted and shared experiences with the present students
- An informal association has been formed of graduates and post graduates of the Department of Botany working in the industry or in the teaching field. The contact helps the teachers to know the needs of the industry. The ex-students come to meet the teachers of the Department of Botany for identification of plants or plant products and to know about book resources.
- The proposed Chemistry alumni association will be officially formed in the month of April 2007.
- An Alumni Association is operational at the departmental level in the Department of Zoology under the aegis of which they had organized the programme *Meet Our Alumni* on 13<sup>th</sup> Feb.2007
- A few of the students of the Department of Political Science have gone to JNU, Delhi. When they come to Mumbai, they are invited to share their experiences with the current students.

### **31 Activities and support from the Parent-Teacher Association:**

- Every year the Department of Economics conducts a Parents-Teachers Meeting for parents of the TYBA students
- Meetings at the Departmental level are arranged with parents of T.Y. B.A. English students to keep them abreast with expectations from their ward and the ward's progress.
- The Department of English corresponded with the parents of defaulters from the F.Y.B.A. and F.Y.B.Com. to inform them about the performance of their wards and resolved their queries.
- Moreover parents of students of the Certificate and Diploma Levels in Functional English are invited on the day of the declaration of their results and certificate distribution and are provided with a detailed feedback by their teachers Ms. Preeti Shirodkar and Ms. Minouti Naik. This is followed by a feedback session from both students and their parents.
- A meeting of the parents of TYBA students was organised by the Department of Psychology on 2<sup>nd</sup> August, 2006.
- A Parent-Teacher meeting of T.Y.B.Sc. students was arranged by the Department of Zoology on January 6, 2007 to discuss the progress of the students.

### **32. Health services:**

- The Department of English maintains a basic First Aid box for use in emergency situations and the teachers often administer First Aid to students on the campus
- The teachers of the Department of Psychology gave the T.Y.B.A. students tips on diet, exercise, sleep, relaxation, healthy food for breakfast and lunch. Simple neck exercises, Pranaayam and chanting of 'om' were practiced at the onset of lectures on some days to help students to deal effectively with stress.

### **33. Performance in sports activities:**

- Our girl's team secured the first place at an inter-collegiate badminton tournament.
- Apurva Singare, Malina Karkade, Preenet Panisar were selected for the national level basketball tournament organised by the Sports Authority of India
- The chess team secured the seventh position at the University Championship
- The senior college women's cricket team secured the second position in the Mumbai University Inter-collegiate Tournament and Cresinda D'costa, Sonali Kumbhari, Priya Kenny and Sneha Patil have been selected to play at the inter-University level.
- Both the girls team and the boys team won the inter-collegiate Kho-Kho championship organised by the University of Mumbai
- Both the girls team and the boys team won the inter-collegiate Yoga Championship organised by the University of Mumbai

### **34. Incentives to outstanding sportspersons:**

The students who participate in various games and sports often miss class as they are out playing in tournaments. The teachers thus provide them all the required guidance and help so as to enable them to catch up with their studies

### **35. Student achievements and awards:**

#### *Academic Achievements*

- Ms. Sandhya Krishnan from the Department of Economics has secured the 1<sup>st</sup> Rank and Ms. Rucha Randive the 2<sup>nd</sup> Rank at the University at the T.Y.B.A. Examinations held in March 2006
- Students of the Department of English scored a cent percent First Class result at the T.Y.B.A. University Examination
- Ms. Vijayalakshmi Ramachandran from the Department of Psychology secured the 10<sup>th</sup> rank in the overall B.A. merit list of the University of Mumbai in March 2006.
- Miss Prajakata Deshmukh of T.Y.B.COM stood third in the overall B.Com. merit list of the University of Mumbai.
- Mr. Dhanajay Rawool and Mr. Omkar Tamke of T.Y.B.Sc. from the Department of Botany secured a prize at a floral arrangement competition held at Royal College of Arts and Science, Mira Road.
- Nisha Verghese stood first in the University in the subject of Chemistry at the T.Y.B.Sc Examination.
- Mr Ameya a research student from the Department of Chemistry presented a paper entitled Studies and Synthesis of Antidiabetic Compounds at the 19<sup>th</sup> Research Scholars meet 2007 at Thakur College in February 2007
- Second year I.T. student Firuza Aibara has written a book on HTML and her book was acknowledged by Dr. Phatak from IIT Mumbai.
- Mr Bhargav Vaidya stood second in the stood 2<sup>nd</sup> in the University Merit list and 1<sup>st</sup> in the subject of Physics at the T.Y.B.Sc. Examinations held in March 2006
- Mr Kanchan Ulman stood 3<sup>rd</sup> in the subject of Physics at the University Examinations held in March 2006
- Mr Bhargav Vaidya, Mr Kanchan Ulman and Mr Sanved Kolekar students of the Department of Physics secured positions in the national level top 1% of the National Level Graduate Physics Examination. At the final level the latter two bagged the gold medal and were awarded scholarships.
- Undergraduate and Post-Graduate students of the Department of Zoology participated in the selection process for 1<sup>st</sup> inter University research meet where the following work was presented

- *Antibacterial activity of Chloroform extract of the leaves of Leucas aspera*, Mahadik Gauri, M. Sc II
- *Evaluation of Leucas aspera extracts for immunomodulatory activity*, Babita Balakrishnan
- *Ruparel College- An Oasis In Mumbai*, Roshan Thakur, Yashada Kulkarni & Charuta Sarang -T.Y.B.Sc. Zoology
- *Do We Dare Disturb The Silence* A short Documentary on Silent Valley by – Charuta Sarang, Yashada Kulkarni, Gargi Rane, Siddesh Deorukhkar – T.Y.B.Sc Zoology

#### *Achievements in co-curricular activities*

- Devendra Pai (SYBA) won the 3<sup>rd</sup> prize for Creative Writing at *Enigma* organised by Podar College, Matunga .
- Devendra Pai (SYBA) won the consolation prize for extempore at the Asian Youth Centre.
- Devendra Pai (SYBA) and Sanchit Srivastava (SYBA) won the 2<sup>nd</sup> prize for debate at *Rostrum* organised by the Podar College, Matunga.
- Devendra Pai (SYBA), Mayuresh Ganpatye (SYBA) and Parth Phalke (FYBA) won the 2<sup>nd</sup> prize for Business Quiz at *Mantra* organised by NES Ratnam College, Bhandup.
- Devendra Pai (SYBA), Mayuresh Ganpatye (SYBA) and Parth Phalke (FYBA) won the 1<sup>st</sup> prize for connections at *Mantra* organised by NES Ratnam College, Bhandup.
- Devendra Pai (SYBA), Nandan Joshi (FYBA) and Parth Phalke (FYBA) won the 1<sup>st</sup> prize for Linguaquiz at *Mantra* organised by NES Ratnam College, Bhandup.
- Sanchit Srivastava (SYBA), Devendra Pai (SYBA) and Parth Phalke (FYBA) won the 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> prizes respectively at the A.D. Shroff Memorial elocution competition organised by D.G. Ruparel College.
- Devendra Pai (SYBA), Mayuresh Ganpatye (SYBA), Heena Gokhale (SYBA), Sanchit Srivastava (SYBA) and Nandan Joshi (FYBA) won the 1<sup>st</sup> prize for the Ad Mad competition at *Revolution* organised by St. Andrew's College, Bandra
- Devendra Pai (SYBA), Sanchit Srivastava (SYBA) and Parth Phalke (FYBA) won the 1<sup>st</sup> prize for debate at *Revolution* organised by St. Andrew's College, Bandra
- Devendra Pai (SYBA) and Parth Phalke (FYBA) won the 1<sup>st</sup> prize for creative writing at *Brouhaha*, organised by Sydneham College, Churchgate
- Devendra Pai (SYBA) and Sanchit Srivastava (SYBA) won the 1<sup>st</sup> prize for puzzles at *Byte IT* organized by Sathaye College, Vile Parle.
- Devendra Pai (SYBA) and Nandan Joshi (FYBA) won the 1<sup>st</sup> prize for debate at *Yuva* organised by SIWS College, Wadala
- Devendra Pai (SYBA), Mayuresh Ganpatye (SYBA) and Parth Phalke (FYBA) won the 1<sup>st</sup> prize for Investigative Journalism at *O2* organised by Bhavans College, Andheri.
- Devendra Pai (SYBA) and Nandan Kini (SYBA) won the 2<sup>nd</sup> prize for the business quiz at *O2* organized by Bhavans College, Andheri.
- Devendra Pai (SYBA) won the 1<sup>st</sup> prize for elocution at *Antarang* organised by Kirti College, Dadar.



- Devendra Pai (SYBA) and Parth Phalke (FYBA) won the 1<sup>st</sup> prize for debate at *Antarang* organised by Kirti College, Dadar.
- Devendra Pai (SYBA) won the 1<sup>st</sup> place for presentations at the Kani Memorial Prize organised by the Bombay Geography Association of Mumbai.
- Devendra Pai (SYBA) won the 2<sup>nd</sup> prize for break off letter writing at *Ehlaan* organised by SIWS BMS College, Wadala.
- Devendra Pai (SYBA), Mayuresh Ganpatye (SYBA), Mansi Chandorikar (SYBA) and Nandan Joshi (FYBA) won the 2<sup>nd</sup> prize for the Ad Mad competition at *Ehlaan* organised by SIWS BMS College, Wadala.
- Devendra Pai (SYBA), Mayuresh Ganpatye (SYBA), Mansi Chandorikar (SYBA) and Nandan Joshi (FYBA) won the 2<sup>nd</sup> prize at the Ad Mad competition at *Spirit* organised by Kirti College, Dadar
- Devendra Pai (SYBA), Mayuresh Ganpatye (SYBA), Mansi Chandorikar (SYBA) and Nandan Joshi (FYBA) won the 1<sup>st</sup> prize for the Ad Mad competition at *Magma* organised by Babasaheb Gawde Institute of Management Studies, Mumbai Central.
- Devendra Pai (SYBA) and Mayuresh Ganpatye (SYBA) won the 1<sup>st</sup> prize for Ad Film making at *Iris* organised by St. Francis Engineering College, Borivali
- Devendra Pai (SYBA), Sunith Kunder (FYBA) and Nandan Joshi (FYBA) won the 2<sup>nd</sup> prize for impromptu at *Iris* organised by St. Francis Engineering College, Borivali.
- Devendra Pai (SYBA) won the 1<sup>st</sup> prize in the personality contest at *Iris* organised by St. Francis Engineering College, Borivali.
- Devendra Pai (SYBA) won the 1<sup>st</sup> prize for the English speech at *Iris* organised by St. Francis Engineering College, Borivali
- Devendra Pai a student of S.Y.B.A. participated in a presentation competition organized by the Bombay Geographical Association and won the first prize. The topic of his presentation was *Agricultural Crisis in Maharashtra*.
- Tejashree Panchal, a student of TYBA was nominated by the Department of History to attend the sub-national seminar entitled “1857 Revisited: A Timeless Journey: Myth & Reality”, which was held at Jai Hind College, Mumbai on 24<sup>th</sup> & 25<sup>th</sup> January 2007.
- Devendra Pai, Prathmesh Gokhale & Rhuta Sonsurkar, students of SYBA were nominated for historian’s workshop on the theme *Research Methodology & Reconstructing History* at Heras Institute of Indian History & Culture, St. Xavier’s College, Mumbai.

#### *Achievements in extra curricular activities*

- Prizes won at the Youth Festival 2006, an intercollegiate cultural competition organized by the University of Mumbai.

##### *Music events*

- a. Indian classical vocal
  - Consolation prize to Ms. Madhura Kumbhar (FYBA)
  - Classical instrumental (non- percussion)
  - 3<sup>rd</sup> prize to Mr. Sagar Sathe (TYBCom)
- b. Indian group song

- 2<sup>nd</sup> prize to a group of following students: Ms Madhura Kumbhar, Ms Vaibhavi Deshpande, Ms Hetal Varia, Ms Chaitali Phadke, Mr. Sagar Sathe, Mr. Abhijeet Joshi.

#### *Literary events*

- Mansi Joshi won the 2<sup>nd</sup> prize in the elocution competition.
- Mr. Abhishek Chitnis is awarded with consolation prize in poetry recitation Group 'A'.

#### *Theatre events*

- We staged 'Aazgar & Gandharva' in Marathi for which our actors namely Bhakti Desai and Swapnil Phadke got the 2<sup>nd</sup> best actresses and consolation prize respectively.
  - In the Hindi one act play 'Chaalbaaz' we got the 2<sup>nd</sup> best actor prize.
    - Ms Sangam Narvekar was awarded the 1<sup>st</sup> prize for mono acting.
- At the INT competition our Marathi one act play 'Mrughache Paas' was awarded the 3<sup>rd</sup> prize with Aarti Wadbagalekar being adjudged as the 2<sup>nd</sup> best actress and Swapnil Phadke winning consolation prize.
  - The same one act play won the 3<sup>rd</sup> prize at 'Mrugajal'
    - Best actress 1<sup>st</sup> prize- Aarti Wadgabalkar.
    - Best actor 2<sup>nd</sup> prize- Swapnil Phadke.
    - Best writer 1<sup>st</sup> prize- Irawati Karnik.
  - At 'Umbartha' one act play competition
    - Best director – Adwait Dadarkar.
    - Best set designing- Irawati Karnik
    - Best actress 1<sup>st</sup> prize- Aarti Wadgabalkar.
    - Outstanding performance was awarded to Swapnil Phadke.
  - The Marathi one act play 'Padhya Maghcha Pravesh' won :
    - 1<sup>st</sup> prize for best set designing – Irawati Karnik.
    - Best music- Amol Sankulkar.
  - At IPTA our Hindi one act play 'Dharma Putra' was awarded the 1<sup>st</sup> prize. Best actor prize was given to Kunal Jadhav. An outstanding performance award was given to Sangam Narvekar.
  - This year our student Bhakti Desai acted in commercial theatre, performing in 'Rudhayi Vasant Phulatana'. The play 'Palkhi' directed by our alumini Adwait Dadarkar and accompanied by our present college students has played its silver jubilee.
  - Other Intercollegiate Competitions
    - At the 'Maharashtra Utsav' organized by the Elphinston College our students Geetanjali Rane, Karishma Pandit, and Kadambari Waze won awards for elocution, fine art and dance respectively.

- Ms Ruta Sonsurkar and Ms Mansi Joshi also won awards in various elocution competitions.
- Ms Snehal Gavde won prizes at poster making competitions organized by the University of Mumbai, Podar College and Kirti College as well as at 'Harshollas' organized by the Syd college.
- Our student Pooja Damle, Amruta Sahastrabudhe, Kalyani Sohani won awards for debate , creative writing and antakshari competitions respectively.

#### *Achievements of the NCC Girls Unit*

- Suo Asmita Patil was felicitated by a memento on a special recommendation of commanding officer of 5 – Mah. Girls' battalion.
- Cdt Nupur Wahi stood 1<sup>st</sup> & Cpl Uttara Joglekar stood 2<sup>nd</sup> in the signals competition.
- Cdt Ujwala Magdum won a gold medal in a poster making competition.
- Our college won the 1<sup>st</sup> prize for salad – making, poster – making competition.
- Cdt Smita Kesarwani won the 1<sup>st</sup> prize for debate & 2<sup>nd</sup> prize for cross country.
- Cdt Nupur Wahi was a Maharashtra nominee for map reading. She won a silver medal for volleyball. The TSC Maharashtra team could secure the 1<sup>st</sup> place in the Directorate General competition because of her contribution.
- Pre – Cat Cdt Tejal Parashare won the 2<sup>nd</sup> position in individual drill competition in Group Selection II
- Cdt Nupur Wahi was the representative of 5 – Mah girls' battalion. She stood 1<sup>st</sup> in this competition. Her contribution helped the group to secure 3<sup>rd</sup> place.

#### *Achievements of the NCC Boys Unit*

- Our cadets received gold medal in kabaddi, volleyball and line –layout competition.
- Our cadets received gold medal in guards.
- L/Cpl Mahesh Jachak received silver medal in rifle shooting.
- Our cadets received gold medal in guards. Cpl Sanjeev L. Chavan received gold medal in rifle shooting.
- Cdt. Pranit Dhanavade received a gold medal in cross country.
- Cdt. Rushikesh Salkar received a gold medal in rifle shooting.
- Cdt. Krunal Rane received a gold medal in cultural activities.
- Our cadets received a gold medal in the kabaddi competition.
- Our cadet Cdt. Aditya Vaje received a gold medal in a cultural event.
- Csm Vinod S. Walunj represented our college in an inter collegiate yoga competition.
- He was also selected to represent our University in the Inter University competition.
- Juo Vikarm D. Pawar and Csm Hitesh R. Kharat won the silver medal in Air Pistol Shooting.

### *Other achievements*

- NSS volunteer, Prachi Sawant secured the first place in the individual championship at the University of Mumbai, Inter Collegiate Sports Tournament held in August 2006.

### **36. Activities of the Guidance and Counselling unit:**

- Regular guidance and counselling is provided to students of add-on as well as regular courses both as regards their personal or career dilemmas by teachers of the Department of English
- Ms. Preeti Shirodkar and Ms. Minouti Naik from the Department of English provide regular guidance to M.A regular and IDE students
- Ms. Gayatri Gadgil from the Department of English provided guidance to students of M.A (English) Part 1 for project work in Language, Communication and Culture
- Ms. Gayatri Gadgil from the Department of English provided guidance to an ex-student for the language component of the U.P.S.C examination
- Informational and emotional support was provided to students by the Department of Psychology
- A merit batch had been formed for the top 20 students of Chemistry and weekly tests are conducted for the merit batch students in various topics of all the papers.
- Activities of the Library
  - Books added to the section of
    - i. Career Guidance 64 books
    - ii. Competitive Exams 260 books
  - Library Orientation
    - i. OPAC – [ Personal guidance by Library staff for six months ]
    - ii. Reference Work – Guidance given to the readers for their projects, competition etc. by the librarian from time to time.
    - iii. Other Help – Letters given to our students for doing reference work in other libraries in the city.
    - iv. Outside Students – Guidance given to the B.Lib.Sc. students of S.N.D.T. University, Mumbai, for one student every year.

### **37. Placement services provided to students:**

- The Department of English would be making internship placements for students of the diploma Level in Functional English in April 2006
- As all the lecturers in the Department of Accountancy are practicing Chartered Accountants, they provide jobs to past and present students in their office and /or in their clients' organisations.
- Dr. Golatkar from the Department of Botany has been appointed as the teacher-in-charge of the placement cell of the College. J P MorganChase conducted campus interviews and selected 4 candidates from T.Y.B.A. Economics and T.Y.B.Com students. Other organizations

like the Taj Hotel Group, Akanksha foundation, Titan Industries Ltd, Lauren Information Technologies, Suprene Petrochem Ltd etc approached the college for recruiting students from various faculties for positions in their organizations.

- Placements for M.Sc. students in April 2006 are as follows:
  - Pradnya Shinde: Calyx Chemicals, Boisar.
  - Sushant Desai: Gharda Chemicals, Dombivli.
  - Vinod Tarmale: Gharda Chemicals, Dombivli.
  - Rohini Phadke: Sekhsaria (Watson) Chemicals, Ambarnath.
  - Amod Darne: ACC Cement Ltd., Turbhe.
  - Nikhil Patil: Galaxy Surfactants, Talaja.
- About 25 students form B.Sc. (I.T.) have been placed in the reputed companies like Patni, Infosys, Accenture, Cognisent, IBM, Wipro.

### **38. Development programmes for non-teaching staff:**

- The IQAC of the College had organised a two hour workshop on Communication Techniques conducted by Ms Preeti Shirodkar from the Department of English for the Non Teaching Staff on 23<sup>rd</sup> March, 2007
- The IQAC of the College had organised a two hour workshop on Stress Management conducted by Dr Diwan from the Department of Psychology for the Non Teaching Staff on 29<sup>th</sup> March, 2007
- The IQAC of the College had organised a two hour workshop on Documentation Techniques conducted by Dr Tushar Desai, Co-ordinator of the Departments of Information Technology and Computer Science for the Non Teaching Staff on 30<sup>th</sup> March, 2007
- Ms. Tatke and Ms. Khale from the Department of Psychology taught the Laboratory Assistant of their department Mr. Pawar basic operations of the computer.
- The Department of Information Technology conducted a computer course for all non-teaching staff of the office to help them improve their efficiency by using computers.
- Many of the members of the non teaching staff of the Department of Physics have successfully completed the MSCIT course and started using computers in the day to day activities of the laboratory with the help of the teachers of the department.
- In 2006 Mr. Naik, Lab- Assistant from the Department of Zoology has joined FYBA in YCMOU.
- From the Library
  - For all Staff Members of the Library 'Group Reading' programme was organized by the Librarian for the betterment of the library staff for half hour every Friday.
  - Assistant Librarian [Shri. Y. M. Mane ]
    - i. Enrolled for M.Phil. degree in the subject of Lib.& Inf. Sc. for the Y.C.M.O.U., Nashik.
    - ii. Attended a CDS / ISIS (Library automation software) training at Wada College on 18<sup>th</sup> July, 2006.
    - iii. Attended a one day seminar on *Reading Habit*

- iv. Attended a three days seminar on *Research Methodology* at Pancham Khemraj College, Sawantwadi on 11,12 &13<sup>th</sup> November, 2006.
  - v. Attended a lecture delivered by John on the topic *Copyright and Fare use* on 16<sup>th</sup> February, 2007 at USIS center, Mumbai.
- Attendant [Shri. Sachin Garate ]
  - i. Enrolled for M.Phil. degree in the subject of Lib.& Inf. Sc. from the Alagappa University, Karaikuddi.
  - ii. Delivered a series of 12 lectures for the Library Certificate Course of the Maharashtra Government in the subject of Library Cataloguing at the Andheri Centre.
  - iii. Attended CDS / ISIS (Library automation software) training at Wada College on 18<sup>th</sup> July, 2006.
  - iv. Attended a lecture delivered by John on the topic of *Copyright and Fare use* on 16<sup>th</sup> February, 2007 at the USIS Center, Mumbai.
  - v. Attended a Two days state level seminar on 'Achieving Excellence in Higher Education, through Library as Learning Reseource Centre' on 16<sup>th</sup> and 17<sup>th</sup> March, 2007 at V.K. Menon College, Bhandup.
- Clerk [Shri. Suresh V. More ]
  - i. Delivered a lecture on 'Dnyaneshwari' at D.G. Ruparel College on the occasion of Satyanarayan Puja for the Non-teaching Staff on 14<sup>th</sup> Oct., 2006.
- The non-teaching staff of the college participated in various intercollegiate competitions and won numerous prizes the details of which are as follows
  - i. The Rolling Trophy for the best overall performance at the Intercollegiate Nonteaching Staff Sports Tournament and Cultural activities organised by Khandwala College
  - ii. 2<sup>nd</sup> Prize at the Intercollegiate Cricket Tournament
  - iii. First prize at the Intercollegiate Kabaddi tournament
  - iv. Mr Prakash Shende was awarded Man of the Match for the first round of the Kabaddi Tournament
  - v. Mr Milind Newrekar was awarded Man of the Match for the second round of the Kabaddi Tournament
  - vi. Mr Milind Newrekar was awarded Man of the Match for the third round of the Cricket Tournament
  - vii. Mr Pravin Bendre was awarded Man of the Match for the second round of the Kabaddi Tournament
  - viii. Mr Sandeep Salvi was given the Best Bowler Award
  - ix. Mr Sandeep Salvi was awarded Man of the Match for the second round of the Cricket Tournament
  - x. Ms Reshma Lendhi was a runner up at the carrom tournament
  - xi. Mr Deepak Salvi won the second prize for solo singing
  - xii. Ms Varsha Karade was awarded for the best performance in solo dancing
  - xiii. Ms Jyoti Brid and Ms Varsha Karade won the second prize for a computer presentation at the MD Shah Mahila College

### 39. Healthy practices of the institution

- The Department of Economics organizes Educational Tours annually. Students of the F.Y.B.A., S.Y.B.A. and T.Y.B.A. classes visited Uttarakhand during the Diwali Vacation
- Ms. Preeti Shirodkar takes active interest and regularly offers suggestions for the Vote Mumbai campaign being run by Loksatta
- Continuation of 'Book Review Club' by the Department of Political Science, which inculcates reading habits in students. Because of this, many students have started visiting book exhibitions held in Mumbai.
- The Department of Political Science runs a wall paper 'Open Forum', which is a weekly activity, where a group of students put together a wall paper carrying useful, relevant information for the students.
- For F.Y.BA students, a different type of programme is run by the Department of Political science where they are encouraged to visit the library and do reference work. For example, a student would be told to make a small speech about Dr. Martin Luther King Jr. In addition, same student would read out Dr. King's famous speech 'I have a dream..'
- The Department of Chemistry counsels weak students - extra efforts are put in to improve their study habits.
- The Department of Chemistry motivates its students to take part in intercollegiate presentation competitions. This helps in developing presentation skills and stage presence.
- Miss. Neha Satam and Miss. Gauri R. of T.Y.B.Sc won 2<sup>nd</sup> prize at a seminar competition held at Ratnam College on 14<sup>th</sup> September 2006. The topic of discussion was "Computer Aided Drug Design".
- Miss Nazema Buddha, a student of T.Y.B.Sc (Chemistry) won 2<sup>nd</sup> prize for the seminar on Topic "Green Chemistry" at National College.
- Neha Bapat and Kamakshi Kore participated a workshop on forensic science held at National College.
- Ms Priti Sutar and Ms. Pallavi Surve from the Department of Computer Science have developed software for maintaining attendance records of the staff.
- Post graduate and research students of the Department of Zoology formed a journal club through which once in a week students presented a recently published paper from renowned journals. This highly interactive activity will also be continued during following years.
- S. Y. B. Sc. students of the Department of Zoology were motivated to do small research projects such as separation of proteins electrophoretic technique, column chromatographic separations of natural products and anti- bacterial activity. Our aim is to make students acquainted with basic techniques in Biotechnology.
- All M. Sc. students of the Department of Zoology are doing research projects based on problems related to their syllabus. Dr. Madhavi Indap and her research students are helping them in their research work.
- T. Y. B. Sc. students of the Department of Zoology have come up with a new concept of sustainable butterfly gardening.

- The activities of the Library
  - Museum: Educational Museum is a rare activity conducted by our Library. This year the library has added five rare books with signatures of eminent persons to our collection.
  - Creative Unit: The Library has developed a Creative Unit for preparing bibliographies, handbooks and other material. This year the library has created a bibliography on 'Mumbai City and the University of Mumbai'. The Library has also compiled a volume of articles on 'University Education'. These articles are collected from the 'University News' (periodical published by Association of Indian Universities, New Delhi).
  - Granth Tulas: Our library has established a 'Granth Tulsi Vrindavan' in the library. Every week or fortnightly the library displays outstanding new books in the Vrindavan. This year the library has displayed 28 books under this activity.
  - Prakashatil Vyakti: It is a clip display activity of our library. The library has displayed books with a list and clippings on a personality, who is in the news. This year we have displayed 34 clippings with a list and books. Every year the library prepares a volume of these clippings with the list of displayed books. Four volumes have been added to our reference section.
  - Periodical Content Pages: The library displays content pages of current periodicals so as to inform readers about new articles published in the journals. After a year the library compiles these pages according to the periodicals. This is a ready reckoner for article indexing. 12 volumes have been added to the reference section through this activity.

#### **40. Linkages developed with National / International, academic / Research bodies**

- Linkages with institutes like the Institute for Psychological Health at Thane and Disha Counselling Centre were continued through project work for the TYBA students.

#### **41. Any other relevant information the institution wishes to add:**

- Dr.Salvi from the Department of Economics is on the Visiting Faculty for the Advanced Course in Acturial Sciences at the S.N.D.T. University, Juhu
- Ms.Anita Hamand from the Department of Economics was a Visiting Faculty at Chetana College for the B.M.S. course;
- Ms. Shilpa More from the Department of Economics is a Visiting Faculty at Chetana College for the B.M.S. course;
- The Department of English regularly takes its students to AIRC for screening of films related to literature and to book exhibitions
- Ms Preeti Shirodkar and ms Minouti Naik deliver lectures at the Institute of Distance Education, University of Mumbai for the M.A. English Language and Literature Course
- Mr Abhishek Mande an alumnus of the Department of English, who is currently working as a journalist regularly delivers lectures and interacts with students of the Diploma Level in Functional English



- Ms Shilpa Raut an alumna of the Department of English, who is currently pursuing MLISc at SNDT, was invited by the Ministry of Human Resources to witness the Republic Day Parade from the Prime Minister's Box
- The Department of English designs its own marksheets and certificates for the add-on courses.
- The students of F.Y.B.A (Communication Skills in English) of the Department of English participated in a survey conducted by Ms.Sarah Matthew to facilitate her doctoral research. (Department of Education, Sathaye College)
- Dr. Rekha Gore was invited as a Faculty by the Institute of Distance Education, University of Mumbai, to deliver the lectures to MA students on *Research Methodology and History of Modern Maharashtra*.
- In January 2007 Ms. V. V. Jawlekar from the Department of Marathi in association with the Amar Hind Mandal organized a state level elocution competition.
- Ms. V. V. Jawlekar from the Department of Marathi helped a NGO CARE in translation and designing of study material in December 2006
- Ex-students of the Department of Marathi gave career guidance to the current students on Guru Poornima
- Ms. Shefali Pandit, Associate Director of The Indian Institute of Public Opinion, New Delhi, contacted Dr. Diwan from the Department of Psychology for conducting a survey on 'International Images' in June 2006; about 20 students of TYBA and SYBA collected data for this survey in different parts of Mumbai.
- Ms. Tatke from the Department of Psychology worked as
  - Chief Coordinator and Technical official at the Intercollegiate Yoga Competition conducted on 29<sup>th</sup> August, 2007.
  - Judge at the Intercollegiate Rope-Mallakhamb Competition.
  - Judge at the State Level Mallakhamb competitions conducted from 23<sup>rd</sup> to 25<sup>th</sup> December, 2006, at Miraj.
  - Judge at National Mallakhamb competitions conducted from 2<sup>nd</sup> to 4<sup>th</sup> February, 2007.
- Research paper of Dr. (Mrs.) S. A. Sawant from the Department of Botany entitled *Thermostability of Microorganisms* is accepted for publication by the Asian Journal of Microbiology, Biotechnology and Environmental Sciences, for issue No. 3 of the year 2007.
- Research paper of Dr. R. J. Jadhav from the Department of Botany entitled *Phytotoxic influence of Deproteinised leaf extracts* is accepted for publication by 'BIOINFOLET'.
- Dr S.A. Sawant from the Department of Botany was a judge for science projects at a science exhibition held at Rizvi College
- Dr. R.S. Manjrekar from the Department of Chemistry published a paper entitled *Repairs and Rehabilitation of the Town Hall, Calcutta* in the Proceedings of the 2<sup>nd</sup> International Conference on Design and Sustainability of Structural Concrete, Kuwait, March 2007
- Mr. Madhav Londhe from the Department of Physics engaged P. G. (M. Sc. Part – II) lectures at the Department of Physics of the University of Mumbai
- Dr. Mugdha Patki from the Department of Physics worked in the capacity of interviewer for the 'Homi Bhabha Balvaidyanik competition' held on 19<sup>th</sup> February, 2006.

- Mr. Dilip Maske from the Department of Physics engaged P. G. (M. Sc. Part – I) lectures at the Institute of Science. He also made his expertise available to setup a Physics laboratory for T.Y. B. Sc. at Shet J. N. Paliwala College, Pali, on 18<sup>th</sup> & 25<sup>th</sup> February 2007.
- Forthcoming publications of members of the Department of Zoology
  - V. Datar, Madhavi Indap, *Immunomodulatory effects of Amoora rohituka*, Advances in pharmacology & Toxicology, 2006, 7(3), 5-12.
  - R. A. Pandit, S. Pathare and Madhavi Indap, *Antispermatogetic activity of Starfish extract in mice*, Advances in pharmacology & Toxicology (ISSN: 0973 2381)
  - R. A. Pandit and Madhavi Indap, *Defining the role of angiogenesis in human health and diseases: A Review*, International journal of pharmacology and biological sciences.
  - S. R. Parab, R. A. Pandit, A. N. Kadam and Madhavi Indap, *Effect of Bombay high crude oil on phytoplankton biomass*, Pollution Research
  - S. R. Parab, R. A. Pandit, A. N. Kadam and Madhavi Indap, *Effect of water-soluble fraction of crude oil on growth and metabolism of Thalassiosira sp.*, Indian J Mar Sci
- Dr. Pradip Karnik, our Librarian, attended a meeting as a Member of a committee of Prof. A.K.Priyolkar Smruti Paritoshik for the best thesis of Marathi, submitted to the University of Mumbai, on 11<sup>th</sup> August, 2006.
- Dr. Pradip Karnik, our Librarian, was invited as a member editor of 'Vari Kosh' a project undertaken by Shri Wamanraj Prakashan, Pune.
- Publications of Dr. Pradip Karnik ( Librarian )
  - “प्रा.जे.एच.शेरा यांची तत्त्वप्रणाली भाग २”. *ज्ञानगंगोत्री*. वर्ष ६ अंक ४ मार्च—एप्रिलमे .२००६. पृ.४'२४.
  - “ज्ञानपीठ पारितोषिकानिमित्त मराठी कवितेला अनोखा मुजरा डॉ. महेश केळुसकर : पांडमय अंपदा” ह्यभाग १ह. *द्विषा*. वर्ष ७ अंक १२ नोव्हें. २००६. पृ. ९' २१.
  - “ज्ञानपीठ पारितोषिकानिमित्त मराठी कवितेला अनोखा मुजरा डॉ. महेश केळुसकर : पांडमय अंपदा” ह्यभाग २ह . *द्विषा*. वर्ष ८ अंक १.
- Other activities of the library
  - The Library had arranged an 'Art to Art' exhibition on 5<sup>th</sup> & 6<sup>th</sup> December, 2006.
  - The Library had organized a books and photographs exhibition on the Mumbai City and University of Mumbai on the occasion of the Sesquicentennial celebrations of the University of Mumbai on 5<sup>th</sup> & 6<sup>th</sup> January, 2007.
  - An idol of the Goddess Saraswati (with an acrylic frame) was donated by Mrs. Archana S. Garate (Ex-Student of M.Lib. & I.Sc, YCMOU, Nashik, Ruparel Centre.; Librarian Rajiv Gandhi Engineering College, Varsova) on the occasion of 'Gurupournima'.
  - 8 books have been received from Mr. P.C. Singhi, IAS (Ret.), Chairman & Hon. Director, Society For Public Health Awareness & Action, Mumbai
  - 126 books have been received from Smt. Bharti Barcha, Ex-Librarian of BCI, Mumbai.

## **Part C:**

### **Detail the plans of the Department / Institution for the next year (2007-2008)**

- Most Departments propose to begin at least one self sustaining course for students or the public
- Setting up a language laboratory to strength communication skills in English as per the recommendation of the Knowledge Commission
- Increase in research activities
- Greater innovations in teaching methodology
- Greater attempts to address the deficiencies of weak students
- Formalisation of the counselling cell
- Widening the scope of the placement cell
- Formalisation of the Parent Teacher Association
- Widening the scope of the institutional industry linkage
- Arranging more guest lectures, seminars, workshops
- Beginning training for competitive examinations.

Dr. Tushar Desai  
**Coordinator, IQAC**

Dr. Pradeep Kulkarni  
**Chairperson, IQAC**

Mumbai  
29<sup>th</sup> March 2007

Seal

# The D. G. Ruparel College

## Internal Quality Assessment Cell (IQAC)

**2006-2007**

Principal Dr. Pradeep Kulkarni	Chairperson
Mr. G. Y. Raosaheb	Vice Principal
Dr. Ajit Naik	Teacher Member
Mr. S. M. Sapre	Teacher Member
Dr. Nandini Pai	Teacher Member
Dr. Madhavi Indap	Teacher Member
Dr. Prakash Salvi	Teacher Member
Dr. Nandini Diwan	Teacher Member
Ms. Preeti Shirodkar	Teacher Member
Dr. Pradeep Karnik	Librarian
Dr. P. M. Sule	Member from Management
Mr. Subhash Dandekar	Nominee, Local Society
Dr. Tushar Desai	Coordinator (Vice Principal)

