



**BHARATIYA VIDYA BHAVAN'S
BHAVAN'S COLLEGE**

- **M.M.COLLEGE OF ARTS** □ **N.M.INSTITUTE OF SCIENCE**
□ **H.R.J.COLLEGE OF COMMERCE**

ESTABLISHED - 1946 - ACCREDITED B++ BY NAAC (2004-2009)

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**The Annual Quality Assurance Report
(AQAR)
2007-2008**

BHARATIYA VIDYA BHAVAN'S
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MUNSHI NAGAR, ANDHERI (W), MUMBAI 400 058

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SECTION A:

Plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement

- ❖ To encourage staff members to be abreast with the latest trends research done in their subjects.
- ❖ To explore the possibility of using technology (computers) to improve the quality of administration and examination process.
- ❖ To provide students with infrastructure to showcase their talent and to encourage students to excel in extra-curricular activities.
- ❖ Try to develop linkages with National/International bodies for academic exchange.
- ❖ Take steps to elevate the academic level of the College.
- ❖ International initiatives under the aegis of Campus Development.

SECTION B:

Details in respect of the following

Activities reflecting the goals and objectives of the institution

- ❖ ‘Amrutam Tu Vidya’, Knowledge is nectar is the motto of Bharatiya Vidya Bhavan. From the beginning of civilization people began to appreciate the importance of knowledge. Human civilization accumulated knowledge of past generations from times immemorial. From informal teaching and learning, humanity progressed to more formal and institutionalized ways of teaching and learning. Knowledge has no value if it does not generate wisdom. It is the wisdom that is the real nectar, the amrut. If we realize the dream of Mahatma Gandhi and Pope John Paul II for primary of human freedom and dignity, then this would be true Vidya and true Amrut. Amrutam Vidya.
- ❖ To keep in line with the mission and objectives of the institute, the teachers work towards keeping themselves informed with the latest trends in their subjects by participating in seminars and workshops.
- ❖ Munshiji believed in overall development of a student. In order to tap the latent potential of students the institute encourages and provided opportunities for the participation in maximum curricular, co-curricular and extracurricular activities.
- ❖ Since each individual student needs to think independently, the College encourages students participation in research work under the guidance of teachers which is evident from the projects, papers and power point presentations undertaken by them. Research work is carried out by the teachers also through pursuit of major and minor projects and publications as

New academic programmes initiated (UG and PG) - Nil

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.(Mrs.)V.I.Katchi – syllabus committee.
- ❖ Prof. Dhavanita Rao was appointed as a member of syllabus committee of F.Y/S.Y/T.Y. B.Sc. / B.A Mathematics.
- ❖ Prof. Dhavanita Rao was appointed as Convenor of the syllabus Committee of Business Mathematics in BMS Semester 1. Prof. Dhavanita Rao continued to work as Secretary of Bombay Mathemaical Colloquium.

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

Study Tours

- ❖ M.Sc, T.Y.Bsc. (Botany) and S.Y.Bsc. were taken on a study tour to explain and present the biodiversity of Mahabaleshwar by Dr. Maya Chemburkar, Dr. Kakoli Dassharma and Prof. Rupali Gore.
- ❖ F.Y.Bsc. students were taken on a one day excursion to Sanjay Gandhi National Park, Borivali by Prof. Shriharsha, Dr. Asmita Mestry, Prof. Nitin Labahane and Prof. Vishal Kamble. This was to mainly acquaint the students to the various taxonomic families available in Mumbai
- ❖ Prof. Shriharsha, Dr. Asmita Mestry, Prof. Nitin Labhane and Prof. Vishal Kamble guided the F.Y.B.Sc students on an excursion of the “Bhavans Campus” to help them know the plants therein.
- ❖ The students were taken to BhauDaji Lad City Museum at Byculla by the staff of the department of History.
- ❖ Students of T.Y.Bsc and M.Sc Zoology participated in a 9-day study tour to Kanha Tiger Reserve and Jabalpur. At Kanha, the group was lucky to see Tiger, Gaur, Sambhar, Barasingha, Chital among mammals and a myriad bird species and other life forms. The on-site learning experience is valuable and helps them to understand the habit and habitat of different animals.
- ❖ The Department of Zoology conducted an excursion for the S.Y.B.Sc. students to Dapoli, near Ratnagiri, from 6th to 9th Dec. 2007. This study tour helped students to study sea-shore organisms, visit an Agricultural College branch of Konkan Krishi Vidyapeeth and thereby helped them to know about the animals and about the by-products obtained.
- ❖ S.Y.BMS students attended an industrial Visit from 10th Nov. to 18th Nov to Chandigarh & Shimla. The visit was made to a few manufacturing industries which provided the students on sight knowledge.
- ❖ A one day industrial visit to Exide Batteries at Pune for Students of F.Y.BMS was organised, in addition to a visit to Yusuf Meher Ali Center, a small scale industry visit at Panvel.



- ❖ On-job training in Plant Tissue Culture was organised for Students of S.Y. B.Sc. (Biotechnology) at JIVAS at Bangalore and they also visited IndoAmerican Hybrid seeds and Biozen.
- ❖ Ms. Gayathri N. completed post-graduate Diploma in Bioinformatics conducted by Bioinformatics Institute, Noida.
- ❖ Ms. Ashwini Bandekar successfully completed the 1st module of the M.Phil. in Computer science.
- ❖ Ms. Manjusha Joshi completed Masters in Electronics Engineering.
- ❖ Ms. Ashwini Bandekar conducted an industrial visit to H.M.T at Pinjor, Chandigarh.
- ❖ An industrial visit for S.Y.Bsc(I.T) students was organised to Cochi-Munnar for the from 16th to 23rd Dec. 2007.
- ❖ The students of F.Y.Bsc.(I.T) visited New gen System, Jeevan-National Channel where they were familiarized with various software used for Live Coverage, Editing, Animation, Graphics, News.
- ❖ An industrial visit to Pune for the F.Y.Bsc.(I.T) on 3rd and 4th Feb. 2008 to CDAC Pune centre where the students were given in depth knowledge on Embedded technology, VLSI Technology and CDAC'S achievement in development of various International Products.

Inter-disciplinary programmes started

- ❖ Dr. (Mrs.) S.L.Samant continued to be a visiting professor to deliver lectures at SPCE-ME (Environmental Engineering) and in Genetics M.Sc. (Biotechnology) at Ruia College.

Examination reforms implemented

- ❖ The external assessment for the First and Second Year of the three year undergraduate programmes, is conducted by the College, while for the Third Year it is conducted by the University.
- ❖ Infrastructure as well as the services of the College staff, are availed by the University for the conduct of University Examinations.
- ❖ Assessment of answer papers is carried out in a centralized manner, for examinations conducted by both, the College as well as the University.
- ❖ Answer papers are moderated and question papers monitored by external faculty.

Candidates qualified: NET/SLET/GATE etc. - Nil

Initiative towards faculty development programme

Teachers Participation in Orientation/Refresher Courses

- ❖ Prof. Dr. P. U. Singare completed a Refresher Course in Chemistry from 14th Nov. to 4th Dec. 2007, conducted by Pune University.



- ❖ Prof. Neha Sawant attended a Refresher Course Organized by Academic Staff College Mumbai University, from 4th January to 24th Jan. 2008 at the Kalina Campus.
- ❖ Prof R.C. Patil successfully completed a Refresher course in “Instrumental Analysis in Biological Sciences “from 15th Oct. to 3rd Nov. 2007 organised at Khalsa College, on behalf of ASC, University of Mumbai.
- ❖ Prof. S.V. Raut successfully completed the Refresher course in Instrumental Analysis in Biological Sciences.” From 15th Oct to 3rd Nov.2007 organised at Khalsa College on behalf of ASC University of Mumbai.
- ❖ Prof. Kranti Gawali successfully completed a Refresher course securing an ‘A’ grade, held by the WRIC Women’s Studies department at SNDT University.

Participation of staff member: Seminars Conferences attended

- ❖ Dr. Usha Parmeshwaran, Dr. Maya Chemburkar and Dr. Kakoli Dassharma attended the National Workshop on “Fungi from Diverse Habitats” organised by Department of Botany D. G. Ruparel College, Mumbai in association with Mycological Society of India, Mumbai unit, on 8th and 9th December 2007.
- ❖ Dr. Asmita Mestry attended the “National Conference” on Medicinal Plants, organised by Patkar College on 7th and 8th September 2007.
- ❖ Prof. Sriharsha, Prof. Nitin Labhane and Prof. Vishal Kamble attended a lecture at MVLU College, Andheri (E) organised by Indian Botanical Society, Mumbai Chapter, during Jan 2008.
- ❖ Prof. Nitin Labhane attended National Conference on Bio-diversity, Conservation and Sustainable development organised by the Dept. of Botany, Nagpur University, from 7th to 9th Jan, 2008.
- ❖ Prof. S. T Tajane attended a one day seminar on “Changing Scenario of Dalit movement in Maharashtra”, organised by Shankar Narayan College of Arts & Commerce on 1st February 2008.
- ❖ Prof. Neha Sawant attended a seminar based on Foundation Course Syllabus of F.Y.B.A. organized by Hinduja College.
- ❖ Prof. Neha Sawant attended a 3-day seminar “Sahitya Vedha” organized by Marathi Dept. at Mumbai University.
- ❖ Dr. P.D. Anthappan attended the National seminar on “Commercialization of biotechnology in India: Challenges & Opportunities” on 29th & 30th Sept. 2007 at K.B.P College, New Mumbai.
- ❖ Dr.(Mrs.) S. Shrivastava attended a seminar on Future Vistas for Food Safety organised by National Institute of Food Technology and Quality Council of India (QCI) from 5th to 8th Sep 2007 at New Delhi.
- ❖ Dr. (Mrs.) S. L. Samant attended the international Conference on Marine Biotechnology held in Ruparel College on 17-18th Jan 08.
- ❖ Dr. (Mrs.) S. L. Samant attended national seminar on “Fungi from diverse habitats “ held in Ruparel college on 8th, 9th Dec '07.
- ❖ Prof. S.V. Raut attended the National seminar on “Commercialization of Biotechnology in India: Challenges& Opportunities “ on 29th & 30th Sept.2007 at K.B.P.College , New Mumbai.



- ❖ Prof Ms. S. Redkar attended the 48th Annual AMI conference at IIT Chennai from 18th to 21st December 2008.
- ❖ Prof Ms. S. Redkar attended the International Conference on Marine Biotechnology held in Ruparel College on 17-18th Jan 08.
- ❖ Prof.M.G.Bhatia attended a one day workshop on “VLSI Course “organised by the Western Regional Instrumentation Centre Kalina on 27th August 2007
- ❖ Prof. Krant Gawali attended a 2 day Annual Conference held by the Bombay Psychological Association held on 7th and 8th January.
- ❖ Prof. G. M. Nibrad attended International Conference on Statistics & Applications in O.R.Management/Life Sciences at Nagpur University between 10th and 12th January.
- ❖ Ms. Deepali Kolhatkar attended seminar at Sophiya College on Current Trends in Biotechnology.

Papers Presented

- ❖ Prof. Dr. V. G. Bhave presented a paper at a National conference held at Nagpur on 29th October 2007 with his Ph. D student, Mr. J.J Kadam.
- ❖ Prof. A. Venkatchalam presented a Two Papers at the Indian Council of Chemist 25th and 27th December 2007.
- ❖ Dr. Singare presented research papers at the following conferences:
 - UGC-SAP National Seminar on Synthesis of New Materials for industrial applications, organised by Department of Chemistry Shivaji University, Kolhapur, February 2008.
 - National Conference on Green Chemistry, Sant Gadge Baba Amravati University, Amravati February, 2008.
- ❖ Prof. Nirmala Pawar and Prof. Gita Mohandas jointly presented a paper titled, “Impact of Globalization, Industrial and Financial Sectors in India, in the present scenario” in the two- day National Seminar organized by Poona College Camp, Pune.
- ❖ Prof R.C. Patil presented a paper in conference on Medical Botany organised by Patkar College.
- ❖ Prof.Bhatia presented a Research Paper (oral presentation) titled “PIC Microcontroller Based Temperature Monitoring and Control System “at Shankarrao Mohite Mahavidyalaya. Akluj at the National Seminar on “Recent Advances in Sensors & Instrumentation” held on 15th & 16th October.
- ❖ Prof.Bhatia presented a Research paper entitled “ Study of Compressibility and Refractive Index of Cholesteryl Pelargonate Solutions”at the National Conference on Physics of Semiconductor Devices & Smart Materials(NC-PSDSM-07)organized by Karamveer Bhaurao Patil Mahavidyalaya Vashi held on 22nd and 23rd December 2007 .
- ❖ Prof. S.M. Bhatia presented a poster titled “Study of phase transition temperature and Refractive Index of Cholesteryl Pelargonate” at the National Conference on Physics of Semiconductor Devices & Smart Materials(NC-PSDSM-07)organized by Karamveer Bhaurao Patil Mahavidyalaya Vashi held on 22nd and 23rd December 2007 .



- ❖ Prof. K.M. Mude presented a paper on “Role of III-IV semiconductors in IR detector” in the International Conference held at Bangalore in August 2007 organized by I.I.Sc. Bangalore and Material Research Society of India.
- ❖ Ms. Gayathri N. presented a paper in the International Conference of the 8th Asian Fisheries Forum held in Cochin, Jan 2008.
- ❖ Ms. Gayathri N. presented a poster in the Research Scholars Meet conducted by the Institute of Science, Mumbai Dec 2007.

Workshops

- ❖ Prof. R. J. Prajapati and Prof S. G. Gaurkhede participated in a one day workshop on “Revised syllabus in M. Sc part II (E1) lab experiments organised by G. N. Khalsa College on 25th August 2007.
- ❖ Prof.P.G.Patki and Prof.(Smt.) U.A. Pathak participated in the National Workshop on ‘Recent Trends in Statistics’ organized by Modern College, Pune , under the Quality Improvement Programme of University of Pune, from 8th December 2007 to 10th December 2007.
- ❖ Prof Kranti Gawali attended a 2 day workshop on “Disaster Management “on 16th and 17th of March 2007 held at Maniben Nanavati College Vile Parle.
- ❖ Prof. Kranti Gawali attended a one day workshop “Vivek Wahini” on 28th September 2007 held at the SPJIMR and organised by Bhavan’s College.
- ❖ Prof.P.G.Patki and Prof.(Smt.) U.A. Pathak participated in the National Workshop on ‘Recent Trends in Statistics’ organized by Modern College, Pune , under the Quality Improvement Programme of University of Pune, from 8th December 2007 to 10th December 2007.
- ❖ Prof. (Smt.)S.S.Naralkar and Prof. P. G. Patki participated in a one day workshop to discuss the New Topics introduced in revised syllabus at F.Y.B.A. / B.Sc. and S.Y.B.A. course in the subject of statistics at D.G.Ruparel college on 22nd January 2008.
- ❖ Dr. Asha Jyoti Rao participated in a workshop on ‘Immunoassays for screening natural products for their immunomodulatory activities held at D. G. Ruparel College on 17th January 2008.
- ❖ Prof. Shaila Mane and Dr. B. M. Gore participated in a 3-day workshop on “Marine Biology to Marine Biotechnology” organized at Ruparel College from 18th to 20th Jan., 2008.
- ❖ Prof. Shaila Mane participated in a workshop by “Vivek Vahini” of Bhavan’s college on 28th Sept., 2007.
- ❖ Ms. Deepali Kolhatkar attended a 5-day workshop on Advances in Bioinformatics at Bandodkar College.

Staff as resource person

- ❖ Prof. Nitin Labhane was invited by the Central Bee Research Training Institute (CBRTI), Pune, as resource person to deliver lecture on “Bee-Pollination” for Diploma students.
- ❖ Nitin Labhane was invited by the Mahatma Gandhi Institute for Rural Industrialisation (MGIRI) Wardha, as resource person to deliver lecture on



- Commercial Viability of Pollution Service and use of bee-hives in increasing the yield of Crop plants on 29th March 2008.
- ❖ On 20th March 2008, Prof Nitin Labahane was invited, by the Department of Botany, Shivaji University Kolhapur, as a resource person to speak on “Molecular Embryology” and to guide the NET and SET students.
 - ❖ Dr. R. K. Sharma was invited by the M.V.L.U College, Andheri for giving a talk on Career & Scope after B.Sc.
 - ❖ Prof. Neha Sawant was invited as a judge for inter collegiate Mono acting competition “Dyan Manthan” organized by Royal College.
 - ❖ Prof. Neha Sawant was also invited as a judge for Dance competition organized by Shailendra College
 - ❖ Prof. Dhavanita Rao was a resource person at the workshop organized by Bombay Mathematical Colloquium to discuss the proposed syllabi of F.Y. B.A/B.Sc.
 - ❖ Prof. Dhvanita Rao delivered lectures for the INMO training camp at HBCSE.
 - ❖ Dr. (Mrs.) P.D Anthappan was invited as resource faculty for conducting lectures for Environmental Microbiology in the ME post graduate course at SPCE College on August-September 2007.
 - ❖ Dr. (Ms.) Z.P.Bhathena was invited as Resource faculty during the UGC sponsored refresher course for college teachers held at Khalsa College on 3rd Nov 07.
 - ❖ Prof R.C. Patil was invited by The Indian Science Congress Association to present a paper on “Biological Warfare” at Vishakapatnam on 5th Jan 2008, during its 95th Annual Symposium.
 - ❖ Prof.M.G.Bhatia was invited as a resource person for a one day workshop on “Revised Syllabus in M.Sc.-II (E1) Lab Experiments “ organised by G.N.Khalsa college on 25th August 2007.
 - ❖ Prof.Jyotsna Gandhi was invited by Vikas College & Viva College for delivering a lecture on the Topic “Counselling the T.Y.B.Sc. Students of Physics.”
 - ❖ Prof. Kranti Gawali was invited as a chief guest for the Women’s Day programme held on 10th March 2007 by the “Karmaveer Dadasaheb Gaikwad Sabagraha”
 - ❖ Prof.P.G.Patki was invited to associate with the school of Science, NMIS University, as an Expert Adviser in Statistics.
 - ❖ Prof.P.G.Patki was invited as Resource Person for UGC sponsored state level workshop on ‘Biostatistics and its Applications in Research organised by dept. of Biosciences at Royal College on 24th November 2007 Mira Road(East).
 - ❖ Prof P.G. Patki was invited as a judge for the inter collegiate competition by J.M. Patel College ,Goregaon (West) on 18th January 2008.
 - ❖ Prof.P.G.Patki and Prof. (Smt.) U.A. Phatak were invited as Resource Persons for the Workshop on Biostatistics organized by Bhavan’s Botanical Society on behalf of Dept. of Botany, Bhavan’s college on 1st and 3rd December 2007 for Graduate and Post graduate students in Botany.
 - ❖ Prof. (Smt.) S.S.Naralkar was invited as a Resource Person for the one day workshop sponsored by Kirti College, Dadar on the Revised Syllabus for “Mathematical and Statistical Techniques” at F.Y.B.Com.Course on 3rd January 2008.
 - ❖ Dr.P.K.Pandya was invited to deliver two talks for two-day Regional PEAS Conference at Maharashtra nature park in which Several schools participated where he emphasised the “Effect of festivals on the Environment” and a slide show on the “Biodiversity in Mumbai”.



- ❖ Prof. (Smt)S.S.Naralkar and Prof.P.G.Patki were invited as visiting faculty to take P.G.Lectures (M.Sc. Statistical by NMIS University).
- ❖ Prof.P.G.Patki was invited to associate with the school of Science, NMIS University, as an Expert Adviser in Statistics. He was invited as Resource Person for UGC sponsored state level workshop on 'Biostatistics and its Applications in Research organised by dept. of Biosciences at Royal College on 24th November 2007 Mira Road(East).He spoke on 'Use of Computers in Biostatistics using EXCEL.Prof P.G. Patki was invited as a judge for the inter collegiate competition by J.M. Patel College ,Goregaon (West) on 18th January 2008.

Training Programmes

- ❖ Ms. Deepali Kolhatkar completed on-job training in Plant Tissue Culture at JIVAS, Bangalore.
- ❖ Dr. (Mrs.) S. L. Samant attended an advanced training weekly program at CIFE on Biotechnology and fish genetics

Total number of seminars/workshops conducted

- ❖ The Department of organized "History Week" between 9th to 14th August, 2007. The programmes held were an Elocution competition, a Mehandi competition, an Arts and Crafts Exhibition and a Patriotic songs competition. The chief guest was Dr. Uma Rele, Principal Nalanda Nritya Kala Academy. She spoke on the "Changing Attitude of the Society towards Dance". Her talk was informative and interesting, and it was accompanied with the demonstrations of "Mudras".
- ❖ Prof. S.V. Raut convened a four-day workshop on techniques in Environmental Microbiology for SPCE engineering college post graduate students from 1st-4th October 2007.
- ❖ The "Coenozoo" of Department of Zoology organized on 20th Dec. 2007, a talk by Dr. Vivek Kulkarni who, while speaking on the topic of "Conservation of Mangroves", stressed on how Mumbai was losing the boundary of mangroves at a rapid rate and how students could contribute to its protection.
- ❖ Dr. Pandya conducted a 3-Hour Environmental Awareness programme for 130 Commerce students of the N. M. College .

Research projects

Ongoing		Completed	
Staff	Students	Staff	Students
04		05	10

Patents generated, if any - Nil

New collaborative research programmes



Ulster University Ireland for twinning programmes in Biotechnology and microbiology.
ITIN France for BSc IT Programme.

Research grants received from various agencies

Faculty	Agency	Amount
Dr. S. Shrivastava	University of Mumbai	35,000/-
Dr.S.L.Samant	University of Mumbai	20,000/-
Prof. S.V. Raut	University of Mumbai	25,000/-
Prof. M.G.Bhatia	University of Mumbai	40,000/-

Details of research scholars

Teachers as research scholars:

Following teachers are pursuing/completed Ph.D.:

- ❖ Mr. B. M. Gore; Ms. Shaila Mane; Ms. Rekha Shinde; Ms. Archana Calangutkar; Ms. Gita Shetty; Mr. R. C. Patil are pursuing their doctoral studies

Teachers as research guides:

Under the guidance of Dr. P.D. Anthappan

- Eruch Gorwalla completed M.Sc. degree (by research) on “Probiotics: Some Studies Related to Dairy Foods and Human Health”
- Ms.Nutan Pathare completed M.Sc degree (by research) on ‘Some Studies on the use of food grade acids(acetic,propionic,lactic)to improve meat quality for domestic and international markets’.
- Under the aegis of YMCOU course leading to M. Phil in Environmental science Ms. Dipti Kale and Ms.Waheeda Rehman completed their projects on ‘Effective Microorganisms (EM) Technology-A New Solution for Water Treatment and Biosorption of Heavy metals by Echhorniacrassipes’ respectively.

Under the guidance of Dr. Zarine Bathena

- Pallavi Murugkar completed her M.Sc. degree guidance and was conferred a degree by Mumbai University.
- Ms. Dina Rairakhwada completed her Ph.D. Degree.

Citation index of faculty members and impact factor

Publications:

- ❖ Dr. Uttam. M. Yadav published two research papers.
- ❖ “Synthesis and screening of some electrolytic compounds for their antibacterial activity with special reference to benzamides derivatives” in the Oriental journal of Chemistry
- ❖ “Antibacterial activity of some newly synthesized 3- (4,6-BIS-Arylamino-(1,3,5) Triazin-2-yl) 5-Arylide nethiazolidine-2, 4-dione derivatives”, in the bulletin of Pure and Applied sciences.



- ❖ Dr. (Mrs.) P.D Anthappan along with Miss Dalvi, published a paper in collaboration with MUDCT on “Amylase and pectinase from single source for simultaneous de-sizing and scouring” in Indian journal of Fibre and Textile Research.
- ❖ Dr. Zarine Bathena published three papers
 - Production and application of compatible solutes glycine betaine from *A. halophila* in the journal Ecology Environment and Conservation.
 - Use of Myxobacterial pigment as textile dyes in the journal Pollution Research.
 - Lignocellulosic biodegradation profile of four Maharashtra soil samples in the journal Pollution Research.

Honors/Awards to the faculty: National and International

- ❖ Prof. Dr. P. U. Singare was awarded Life Membership of Indian Council of Chemists, Agra.
- ❖ Prof. Nirmala Pawar was appointed as a member of Youth Festival Organizing Committee, University of Mumbai.
- ❖ Prof. Nirmala Pawar represented University of Mumbai as a team manager at the Zonal Level Cultural competitions and the team won the Overall Championship Trophy at Gwalior, Madhya Pradesh.
- ❖ Prof. Nirmala Pawar was appointed as a team manager by the University of Mumbai for the National Youth Festival, held at Kolhapur and the team won the overall National Championship Trophy.
- ❖ Prof. Neha Sawant was awarded 1st prize in State level Story Writing Competition organised by Shri Akshardham Prakashan.
- ❖ Prof. Neha Sawant also won 3rd Prize in State level Essay writing Competition organized by Palghar Mahila Samiti.
- ❖ Dr. (Mrs.) S. Shrivastava was deputed as the executive Head of BRC (Bhavan's Research Center for Microbiology) since October 2007.
- ❖ Prof R.C. Patil received the Best Research Scholar Award from University of Mumbai, Dept of Life Science.
- ❖ Prof. S.V. Raut was the coordinator for the UGC recognized add-on course in Molecular Microbiology offered in the department
- ❖ Dr.Parvish Pandya was felicitated by Sanctuary Magazine in December 2007 for bringing the light of awareness about nature to citizens, groups of students and the public at large.
- ❖ Sport Coordinator Mr. R.K. Asthama participated in Master's Athletic tournament and won the Gold Medal in 3000 meters Walk event. He has also been selected for the state Level Tournaments.
- ❖ Ms.Gita S. Shetty from the Department of Commerce presented a paper at the International Commerce and Management Conference organized by University of Mumbai on “Issues in International Scenario Special Economic Zones” on ‘ Outsourcing and Internal Marketing’, for which her paper was declared outstanding.

Internal resources generated – Nil



Details of departments getting assistance/recognition under SAP, COSIST (ASSIST)/DST, FIST, and other programmes – Nil

Community services

- ❖ Amanpreet Singh of B.Sc. (IT) worked for NGO CRY for child rights awareness program.
- ❖ In August 2007, N.S.S. volunteers participated in the “Peace rally” organised by Bombay Sarvoday Mandal along with the N.S.S. Units of Mumbai University and S.N.D.T. University.
- ❖ On the Independence Day, the N.S.S. volunteers distributed sweets in the nearby slum area and also presented cultural performances in the college.
- ❖ A token flag selling activity was conducted to raise funds for mentally challenged children.
- ❖ A Rakhi selling project by the N.S.S. volunteers was undertaken, wherein the rakhis were prepared by the hearing impaired students of “saanskardham vidhyalaya”.
- ❖ To mark the “International Literacy Day”, the N.S.S. volunteers took up a week long literacy awareness programme in the Dongri slum near the college.
- ❖ N.S.S. volunteers participated in a programme “Chalo Mumbai Saath Saath” organised by “STREE MUKTI SANGHATNA”.
- ❖ A cleanliness drive was organised in the campus where all N.S.S Volunteers cleaned the College, along with other students.
- ❖ Tree Plantation was also done at the hands of Vice-Principal Prof.Jyoti Moghe & Prof.Rekha Sharma. Students planted about 30 coconut and palm saplings. The survival ration of the plant is almost 99%.
- ❖ During Ganesh Festival, about 60 volunteers helped the Mumbai Police in traffic and crowd control, on the day of Ganesh Immersion.
- ❖ Gandhi Jayanti was observed on 2nd Oct. , by organising a “Ahimsa Rally”, thereby giving the message of Non-Violence and Truth.
- ❖ On 1st Dec. WORLD AIDS DAY was celebrated. Volunteers performed street plays in the campus and near Shakti Nagar Slum. Pamphlets regarding AIDS AWARENESS were also distributed during the street plays.
- ❖ From 22nd Dec. To 31st Dec. 2007, a 10 day Special Rural Camp was organised at Kompada, Vangaon, Tal. Dahanu, District Thane. 80 volunteers attended the camp and undertook various human labour based social activities like pit digging, gutter cleaning, ground levelling, grass cutting road cleaning, etc. Volunteers also performed skits, street plays and songs to generate awareness about literacy, health Drugs, smoking, alcoholism and superstitions. This camp provided an insight of the rural life to the volunteers and taught them the dignity of labour.
- ❖ A BLOOD DONATION CAMP, organised on 7th Jan. 08, in association with B.S.E.S. (Bramha Kumari) Hospital, Andheri (W.). 220 units of blood were collected.
- ❖ A free Thallaseamia check-up was also provided to the students.
- ❖ NCC cadets along Traffic Police officials participated in traffic Control week.
- ❖ During Gauri-Ganapati Visarjan, 20 volunteers rendered help for crowd control at Versova.



- ❖ As a part of community services, various events like Pulse Polio programme; a blood donation drive; Hygiene & Sanitation drive were held.

NCC

- ❖ The College has a strong NCC unit. NCC camps are conducted throughout the academic year. During such camps they understand the merits of community living and also learn more about the Army and practice drill, physical training and fatigue works, way of organising people and places: like sentry posting and manning the water guard.. The rigorous routine in the camps also make the cadets more disciplined and organised.
- ❖ The Annual Training Camps (ATC) are most frequently organised camps. It is mandatory for every cadet to atleast attend 2 annual trainings camps to qualify for the examinations. In these camps, every aspect of NCC training is covered. Cadets are trained in the usage of 22 rifles, 7.62mm SLRs and also thorough practical training in map reading and military subjects. They also receive good training in free and arms drill. The annual training camps can be conducted separately for girls and boys or sometimes combined annual training camps and held for both girls and boys. Annual training and camps are conducted during college vacations.
- ❖ Bhavan's NCC cadets had an opportunity to attend two National Integration Camps (NIC) which are conducted on all India basis and help bridge the cultural gap among various states of India. NIC camps in the training period and total 7 cadets took an advantage of it. 4 cadets attended the All India Girls Trekking Camp renewed at Shimla(Kuffri hills) dated from 6th June to 17.06.07. J.U.O Harsha Kamble, CPL. Anita S and Cdt.Sonam Khair represented Maharashtra and won 2nd prize for group dance and group song.3 cadets cdt.Meena Lokhande,cdt Poonam Gaonkar attended National Integration Camp(NIC) renewed at
- ❖ 52 cadets were enrolled in N.C.C. (boys) Army wing (Bhavan's College) for this academic year. The enrolment started from 7th July. 2007. Principal, Dr. (Smt.) V.I Katchi administered NCC oath our college cadets. Sr. u.o Jayesh Mishra commanded Bhavan's college cadets. Group songs and group dance and skit were performed by N.C.C Boys and Girls including NSS Boys and Girls.
- ❖ ATC (Annual Trg. Camp) was held in May 2007 at Pendharkar College, Dombivali and was attended by Cpl. Umesh Sharma, Cpl. Vinod Gupta, Cpl. Deepak Wakchuare, Cpl. Vaibhav Pednakar. TSCI (Thalseva Camp) was conducted in May 2007 at INPT Uran –New Cpl. Vinod Gupta attended and selected for TSC II Mumbai and completed successfully. A PRE TSC camp was organised in Aug 2007 at Pune. Cpl. Vinod Gupta attended in the contingent of Mumbai- A-group of Maharashtra Dte (Directorate)
- ❖ Cpl. Umesh Sharma, Cpl. Deepak Wakchuare, Cpl. Vaibhav Pednakar attended a Disaster Management Camp held in June 2007 at Shivaji University, Kolhapur –y. Cpl. Deepak Wakchuare awarded best cadet of 3 MAH BN NCC and presented with GOLD MEDAL. A Disaster Relief training Course was conducted in January 2008 at CRPF Center, Pune Cpl. Umesh Sharma and Cpl. Vaibhav Pednakar attended this phase II camp and were selected for phase III camp to be held at Amravati group of Maharashtra Dte (directorate). Pre RDC NN 2007 was held at JNPT Uran-Cpl. Swapnil Tawade and cdt. Rajeev Dubey attended.



AQAR: 2007-2008

- ❖ Traffic Control Week – Our cadets along with 14 cadets of Sathye College and 19 cadets of Thakur College participated from 18th November to 23rd November 2007 in collaboration with Traffic Police officials. Cpl. Swapnil Tawade took active part. N.C.C. day celebrations were held at the Army centre, Colaba in which 9 cadets of our college participated in a demonstration of “SECTION IN ATTACK”. Cpl. Vaibhav Pednekar was section commander. Army attachment took place in December 2007 at Colaba; 7 cadets attended and completed the same successfully.
- ❖ As a part of community services, various events were held. Pulse Polio programme was held on 25th October, 2007, at Andheri (E), in which 24 cadets participated; Hygiene & Sanitation drive was on 27th October, 2007, again at Andheri (E), in which 24 of our cadets took part; a blood donation campaign was organised at our college in which 19 of our cadets donated blood; during Gauri-Ganapati Visarjan celebrated on 21st September, 2007 at Versova, 20 volunteers from our college rendered help and on the occasion of Ganpati Visarjan on 25th September, 2007 at Versova, 22 cadets were deployed from our College.

Teachers and officers newly recruited

Mr. C. B. Patil (Physically handicapped)	Department of English
Ms. Rosy Yumnum	Department of English
Mr. A. M. Ghule (contract basis)	Department of Chemistry
Mrs. Aarti Khole (Leave vacancy)	Department of History
Non-teaching -05	

Teaching – Non-teaching staff ratio

Teaching staff		Non-Teaching - Staff	
Male	Female	Male	Female
46	43	117	17

Ratio -1:15

Improvements in the library services

- ❖ Two library attendants have been deputed to the S.N.D.T University Education and manpower training in Library services.
- ❖ Doubled faced steel racks replaced the wooden cupboards providing more room and easy accessibility of books to the students from both sides.
- ❖ Additional furniture was incorporated along with the existing furniture.
- ❖ An exhibition cum sale of books was organized on 17th and 18th Dec. 2007. A large number of students, faculty and staff members attended the same.



BHARATIYA VIDYA BHAVAN'S
BHAVAN'S COLLEGE

(M.M. College of Arts, N.M. Institute of Science, H.R.J. College of Commerce)
(Established – 1946 – Accredited B++ by NAAC)

New books/journals subscribed and their value:

- ❖ During this academic year The Bhavan's Library added a valuable collection of around 1125 books costing approximately 3,02,702/-. Around 68 periodicals are being subscribed costing Rs. 53047/-. The Department of Microbiology has received a grant of Rs. 48544/- for the development of undergraduate and Post Graduate students.

Year	Amount spent on books	Amount spent on periodicals	Total expenditure
2007-08	384030.00	64897.00	448927.00

Courses in which student assessment of teachers is introduced and the action taken on Student/ stakeholders feedback

- ❖ The written suggestions regarding improvements in teaching-learning received from the students through the feedback forms were considered and necessary action was taken at the departmental level.

Unit cost of education - Rs. 20664/-

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

- ❖ The College Office, especially administration and accounts, is fully computerized
- ❖ Examination section is fully equipped with computerized system; it provides detailed mark-sheets to students on the date which is communicated by college to students and parents in advance.

Increase in the infrastructural facilities

- ❖ The College was established in the year 1946 and most of the present infrastructure has withstood the test of time. This has been possible because of extensive repairs that need to be carried out at intervals. This year resources were made available to restructure the staff toilets for female students and for the play ground, and the cultural office. An Office for the SFC courses was made available in the main administrative wing.

Technology upgradation

- ❖ With the introduction of Computer Application as an applied Component in the syllabus of Statistics computer were purchased and computer laboratory was upgraded. New software was purchased for teaching of revised syllabus.



Computer and internet access and training to teachers, non-teaching staff and students

- ❖ The college conducts short term training programs in basics of ITC during the vacation. Many teacher, students and non teaching staff have taken advantage of this program.

Financial aid to students

Financial aid to students is provided in the form of freeships and scholarships.

2007-2008	Freeships		Scholarships	
	Number	Amount (Rs)	Number	Amount (Rs.)
Aided Section	418	9,15,826/-	277	9,02,017/-
Unaided Section	46	5,91,925/-	45	5,22,471/-

Activities and support from the Alumni Association

- ❖ Informal association has been formed in most of the departments with graduates and post graduates, who are working in the industry or in teaching field. Reference letters are given to alumni to help them to get jobs in the industry or admission to foreign universities. They help the teachers to know the needs of the industry.
- ❖ Many alumni of the college are now working in the media and entertainment industry.

Activities and support from the Parent-Teacher Association

- ❖ In an attempt to increase the awareness among students towards their studies, the department of Physics conducted open house for the T.Y.B.Sc. students twice during this academic year. An undertaking was taken from students and their respective parents/guardians with regards to studies, attendance and punctuality. These endeavours resulted in improved accountability from the students.

Health services

- ❖ Dr. Harish Shetty, noted Psychologist was invited to enlighten students about the issue on “Stress Management”.
- ❖ SPARC

Performance in sports activities

- ❖ Students from B.Sc. (I.T.) won the rink football tournament set a record for the biggest win in Classroom football with a 13-2 victory at the Fest, Fiesta-e-Josh organized by Patkar College, Goregaon.



AQAR: 2007-2008

- ❖ T.Y.Bsc (IT) students Vishal Shinde, Rohit Sawant, Amarpreet Singh, Nishad Kadam, Shreyas Jadhav, Rajas Pai secured 1st position in rink football in intercollegiate festival of Walia College.
- ❖ Sandeep Bhambad secured 1st place in Orlem road race held at Malad, 3rd place in MSDAAA Mumbai, 2nd place in MSAAP Maharashtra participated at National Level and 3rd place in IC colony Marathon.
- ❖ During the Intercollegiate Tournaments prizes were won in the respective categories as mentioned below:
 - Athletics -100 mts. Silver Medal – Rigved Angane – F.Y.B.Com
 - Judo –Bronze Medal – Sagar Samel-S.Y.B.M.S.
 - Body Building – Gold Medal- Best Physique- Chetan Kamble – S.Y.B.Com
 - Navodit Mumbai Shree- Gold Medal –Best Poser
 - Boxing –Dinesh Mali has been selected for National Tournament and he was declared as the best fighter and awarded Bronze Medal
 - Swapna S. Parab- S.Y.B.Com- Won team championship for Mumbai University in malkhamb.

Incentives to outstanding Sportspersons

- ❖ Students who represent the college in various sports are unable to attend classes regularly due the demands of their training schedule and competitions. The teachers provide them extra guidance in their studies whenever required.
- ❖ The college disbursed financial incentives through the Gymkhana in-charge to deserving sportspersons. Sports kits and bags were also made available for outstation tournaments.

Student Achievements and Awards

- ❖ Ms.Saiqa Gopalani and Mr.Avinash Shrungarpure displayed an exhibit “Discriminants” at the Gyan Manthan Inter College Academic Festival” and Maths Exhibition of 2007 at Royal College on 7th September, 2007.
- ❖ Ms.Rajasi Joshi of Department of Microbiology was awarded the Birla Smarak Kosh endowment scholarship of Rs. 18,000/-for her research project on “Dextranase production & its use in increasing efficacy of antibiotic on biofilm formed on implant devices.
- ❖ Students from Department of Microbiology won the 3rd prize for Business Modelling competition in BIOZEAL held at Thaomal Sahani College.
- ❖ Shirin and Amey of S.Y.Bsc from Department of Physics won the runners up medal in the “Royal Physics Quiz” organized by physics Dept., Royal College, Mira Road during the “Gyan Manthan 2007” an intercollegiate Academic Festival on 8th Sept., 2007. The M.Sc Part I students did a marathon job of organising a departmental library for postgraduate students with a very laudable support from the librarian Mr. Ramesh Paloti.
- ❖ Jyoti Sharma of T.Y.BSc. (Statistics) secured 8th Rank in the University Merit at T.Y.BSc. Examination held during March 2007. She also secured First rank among



all the students of our college who appeared at the said examination. She was felicitated by the Honourable Vice Chancellor, Dr.Vijay Khole from among 27 students 15 students secured first class in the subject of statistics at T.Y.BSc. .University Examinations of March 2007.

- ❖ F.Y.BMS students achieved Scholarships from Kofi Anan Business School on the basis of merit & aptitude.
- ❖ Mr.Mandar Chate was awarded the Best student award-Degree college (science).
- ❖ Mr.Saurabh Jain received 2nd prize at the intercollegiate Table Tennis Tournament (University Level).
- ❖ S.Y. students of Biotechnology were awarded the “College of the Year” award in GALEZO at Khalsa College.
- ❖ Ms.Neha Pawar, Nandita Relekar, Rashmi Rao, Amruta Nene, Onisha Dhar from the Department of Biotechnology won the 1st prize in project-Waste water management, cut-n-paste-Biofuel, Bio-remix, Poster making.
- ❖ Priyanka Mehta student of F.Y. Biotechnology won 3rd prizes in talent search and also the Kulpati Munshi trophy for essay writing.
- ❖ Ankit Choudhary from F.Y. Computer Science won 2nd prize in debate competition and participated in elocution and creative writing competition for talent hunt conducted in Bhavan’s College. He won the 1st prize “Technical tool” “R.J. Hunt” in “Nirman-07” conducted by SPCE.
- ❖ Ankit Choudhari and Khitija Shebdale from F.Y. computer science attended the Sales Workshop.
- ❖ Ms.Aparna Warriar from F.Y. B.Sc.(Computer Science) won 1st prize in inter collegiate drama competition “0□ The Fest” conducted by Bhavans College.
- ❖ She participated in various other competitions such as “Maharashtra Utsav” conducted by Elphistone College, Indian Performers Talent Academy and qualified till final round of “mrigajal” conducted by Sachin Khedekar.
- ❖ Our students participated in various telegrams organized by Ruia College. Pallavi Chapke won a prize in Extempore.
- ❖ Yajnesh Bangera won a Bronze medal in judo competition conducted by Mayor’s Cup.
- ❖ Vineet Palan was selected in “Mr. University” competition conducted by “National Institute of Event Management” (NIEM) as “Final Bombay 12” .
- ❖ Ms.Kazi Firdous Rafique represented our college in Maharashtra Utsav inter collegiate Drama Competition and got the consolation prize.
- ❖ Ms.Kazi Firdous Rafique participated in MOB show, in a skit competition (intercollegiate) “Zabaan Sambhal Ke” where she got the 1st prize.
- ❖ Our contingent of students from B.Sc. (I.T.) won the best I.T College Trophy for it’s all round participation throughout the Fest, Fiesta-e-Josh organized by Patkar College, Goregaon.
- ❖ Cpl Harsha Kamble won the silver medal for the best firing.
- ❖ Cdt. Neha Salvi bagged Silver medal for Solo dance competition and bronze medal for solo song competition and won for poster making competition at the ATC camp at JNPT.
- ❖ Bhavan’s NCC cadets had an opportunity to attend two National Integration Camps (NIC) which are conducted on all India basis and help bridge the cultural gap among various states of India.



- ❖ Cp. Deepal Wakchuare was awarded best cat of 3 MAH BN NCC and presented with GOLD MEDAL.
- ❖ Cpl. Umesh Sharma, Cpl. Deepak Wakchuare, Cpl. Vaibhav Pednakar attended a disaster management Camp held in June 2007 at Shivaji University, Kolhapur.
- ❖ A Total of 55 prizes were won in inter-collegiate cultural events including University Youth festival.
- ❖ Bhavan's College won the overall Championship trophy at "Aarohan" intercollegiate festival, organized by R.N.Ruia College.
- ❖ Zeeshan Mirza, an active member of the Bhavan's Nature club, was felicitated by Mr. Bittu Sehgal of Sanctuary Magazine in December, 2007.

Activities of the Guidance and Counseling unit

- ❖ An informal Guidance and Counselling cell is functional in the college taken care by Prof Kranti Gawali. In addition, whenever students require any guidance and counselling either for academic or personal matters, counselling is taken care by the staff members at the departmental level on one-on-one basis.
- ❖ Career Guidance and Counselling is given to the students at the departmental level and also by organizing seminars, workshops and industrial visits/training.
 - Mrs. Mrunal Date, R.J.College, Ghatkopar spoke on Career Opportunities in Botanical Sciences".
 - Eminent Microbiologists like Ms Vishakha Yende, Ms Krishna Dutta, Ms Beryleen Justinraj and Ms. Mazima Munshi were invited to brief students on the role and scope of microbiologists particularly in food and research industries and IPR Training.
 - Students were acquainted about the methodical planning for future studies through competitive exams and entrance tests.
 - Prof. R.S. Poddar (ex-head of Department of Mathematics, B.N. Bandodkar College) was invited to address the students on 'Applications of Mathematics and careers in Mathematics.'
 - Students' Council organized a career fest to help and guide the students in choosing the right career. Industries like Avalon, Aptec, Dena Bank and many more provided useful information regarding various career opportunities.
 - B..Sc. (I.T.) Dept. in association with Computrain, organized a Seminar for students on educational programmes conducted by University of Fraser Valley (UCFV), Vancouver Canada. Mr. Samuel from Computrain addressed students about the Credit Transfer Program, Visa Procedure, Cost, Intership available, future prospects and requirements for BCIS (Bachelor of Computer Information System) BBA program.

Placement services provided to students

- ❖ Campus Recruitment was held by Prof. Riddhi Sharma and Prof. Nahid Bari. Many T.Y.BMS students have been absorbed by companies like Kotak Mahindra and Angel Broking.



Placement acquired by B.Sc. (Computer Science) students:

- ❖ Ms.Neha Khetan and Ms.Sharon Pareira in TCS India.
- ❖ Ms.Namrata in Patni Computers.
- ❖ Ms.Harpreet Bainz got placed in IBM and
- ❖ Shilpa Shetty was placed in Tech Mahindra.

Placement acquired by B.Sc. (IT) students:

- ❖ Amarpreet Singh, Sana Khan, V. Nivedita Murthy in TCS
- ❖ Anushri Arora, Advait Biwalkar, Pranjal Dustakar, V. Nivedita Murthy were selected by WIPRO
- ❖ Mustafa Sakerwala& Ravi Ramkrishnan in INFOSYS
- ❖ Amarpreet Singh & V. Nivedita Murthy by MBT.

Development programmes for non-teaching staff

- ❖ Computer course, Art of Living – stress relief, training programs for female wards of non-teaching staff so that they can earn from home.
- ❖ Seminars were conducted during this year 2007-08 for non-teaching staff.
- ❖ Non-Teaching staff participated in events of Cricket and Kabbadi matches, organized by Khandwala College and won Prizes

Good practices of the institution

- ❖ Students of T.Y.Bsc (IT) were given exposure to learn about making documentary films and directing music at the professional level.
- ❖ It may be mentioned that apart from the collection in the Blood Donation Camp, many volunteers have been donating blood as and when there is an emergency demand.
- ❖ The College has a strong NCC unit. NCC camps are conducted throughout the academic year. During such camps they understand the merits of community living and also learn more about the Army and practice drill, physical training and fatigue works, way of organising people and places: like sentry posting and manning the water guard. The rigorous routine in the camps also make the cadets more disciplined and organised. The students were given in-depth knowledge on Documentation and Library Services by our Librarian, Prof. Ramesh Paloti.
- ❖ The students were encouraged to participate and present papers in seminars.
- ❖ Two students from the Department of History participated in the seminar for the youth arranged by the Asiatic Society, Mumbai branch on 9th February 2008.
- ❖ The students of Department of Marathi attended a Seminar organized by Dept. of Marathi of Mumbai University on “Humour in Marathi Literature” at the Kalina Campus.
- ❖ Nine students of T.Y.B.Sc. Mathematics attended lectures of Clay Lecture Series (Clay research Institute, London) at the Tata Institute of Fundamental Research, Mumbai on 10th and 11th Dec. 2007.



- ❖ Rohit Teotia presented a research poster entitled “Polybetahydroxybutyrate synthesis by solid substrate fermentation: characterization and antimicrobial effect of PHB-preservative film “at the 48th Annual Conference of AMI (Association of Microbiologists of India) on MICROBES : BIOFACTORIES OF THE FUTURE , held at DBT, IIT, Madras ,Chennai from 18-21st Dec 2007.
- ❖ Chaitrali Borade presented a research poster entitled Ethanol production using fruit waste “at the 48th Annual Conference of AMI(Association of Microbiologists of India) on MICROBES : BIOFACTORIES OF THE FUTURE , held at DBT,IIT, Madras ,Chennai from 18-21st Dec 2007.
- ❖ Ms.Neha Jalan presented a paper on “Studies on production of fructo-oligosaccharides (FOS) by gamma radiation processing of microbial Jevan at Trombay Symposium on Radiation & Photochemistry 2008 at Yashada, Pune.
- ❖ The M.Sc Part I students of Department of Physics organized a departmental library for postgraduate students.
- ❖ Ms. Nimisha Raijashirke, Ms. Ashwini Jugdar and Vrushali Amkar of T.Y.B.A. Psychology presented a paper at an Inter-Collegiate Research Paper Competition held at M.D. Shah Mahila College, Malad.
- ❖ F.Y. Biotechnology students presented a paper on Retinoblastoma in the event BIOZEAL in Thadomal College.
- ❖ Short term training programmes at various industries and institutes, viz. J.J.Hospital, BSES Hospital, Nanavati Hospital, JIVAS, Bangalore, Biozen, Biocon, IndoAmerican Hybrid Seeds, KEM Hospital, Mahananda dairy, Cipla, Haffkine’s Institute, Bombay Hospital, TDM, Matunga, SPARC, TIFR and ACTREC were organised for the F.Y. and S.Y. B.Sc. Biotechnology students so as to gain hands on training and practical knowledge which will help them to increase their market value for jobs.
- ❖ SY B.Sc. (Computer Science) students attended seminars on “Cyber Crime” and “Web Technologies and Design”.
- ❖ B.Sc. (I.T) Dept. in association with Computrain, organized a Seminar for students on educational programmes conducted by University of Fraser Valley (UCFV), Vancouver Canada. Mr. Samuel from Computrain addressed students about the Credit Transfer Program, Visa Procedure, Cost, Internship available, future prospects and requirements for BCIS (Bachelor of Computer Information System) BBA program.
- ❖ An informative seminar was arranged for T.Y.BSc (IT) students for International Internship in IT field for which AISEC, world’s largest international student voluntary organization, was invited to provide information and guidance for the same.
- ❖ The Bhavan’s Botanical Society organised competitions in Poster and model making and photography to increase the interest in Biological Sciences and bring awareness about nature.
- ❖ Students of Microbiology were sent for summer training to CIRCOT a cotton research institute: Ambassador Sky-Chef; Dr. Dhala’s Microbiological Consultancy and two pathology laboratories –Dr. Jariwla’s & Dr. Ajay Shah’s laboratories.
- ❖ Five “Katta Sessions” were organized on various themes, such as “Hasya Kavi Sammelan”, “My Favourite Film”, “My Ideal Leader” etc.



- ❖ An Inter-collegiate katta discussion was organized on the topic of “Need of Coaching classes for students”.
- ❖ The Munshi Memorial intercollegiate essay writing and elocution competitions were a great success with more than 20 Colleges participating in the event.
- ❖ In order to inculcate the scientific outlook in students and to discourage superstitions and blind faith many colleges at the University level started the Vivek Vahini. The Vahini’s First programme was an inter-collegiate workshop which was organized specially for teachers and professors. This was done with the view of encouraging them to start similar organization in their Colleges. Dr. Narendra Dabholkar, the president of Andhashraddha Nirmulan Samiti, was the chief guest.
- ❖ Prof. Matchyandra Munde was invited to demonstrate to students how people trick simple, naïve villagers with “magic” and showed them the techniques of these gimmicks.
- ❖ Students also participated in an essay-writing competition entitled, “How I Can Maintain a Scientific Outlook in My Life”.
- ❖ During the training period of 2007-08 the cadets of NCC attended 2 ATC camps. ATC camp during summer vacations in May was held at Palghar-were 12 cadets undergone the vigorous training for 12 days. Cpl Harsha Kamble won the silver medal for the best firing and Cpl Payal Poddar was awarded for the Debate competition. During the month of Sept. 2007, 20 cadets attended the ATC camp at JNPT. Cdt. Neha Salvi bagged Silver medal for Solo dance competition and bronze medal for solo song competition and won for poster making competition. Bhavan’s unit stood 1st in the flag area.

Linkages developed with National/ International, academic/research bodies

- ❖ The College has developed a collaboration with the Department of Biotechnology, Ulster University, Ireland
- ❖ The College signed an MOU with ITIN, Paris for student exchange program for the Department of Information Technology.

Any other relevant information the institution wishes to add.

- ❖ The Academic Audit, through the local inquiry committee, University of Mumbai awarded an increase in number of PG research seats (M.Sc by research and PhD) in the Department of Microbiology from 10-15, thus enhancing the opportunity for students to pursue research in Microbiology.
- ❖ The Physics Department was recognized by the University of Mumbai for M.Sc. (by Research) in Physics starting from academic year 2007-08.
- ❖ The Department of Zoology was recognized by the University of Mumbai for M.Sc. (by Research) and Ph.D. in Zoology starting from academic year 2007-08.
- ❖ The DG NCC declared that the training would be reduced to two years from the previous three years’ duration. This would save the cadets of one year and they could appear for ‘B’ certificate exam in first year and ‘C’ certificate exam in second in year giving them an opportunity to all those students who have missed to join NCC during their first year of college.



SECTION C:

Outcomes achieved by the end of the year

A number of staff members (5 members) attended Orientation and Refresher Courses held by Mumbai University and SNTD University, this helped to further enrich the faculty. The staff members attended State Level, National and International seminars and workshops on vivid topics. 40 staff members either presented papers or attended such programmes. In addition to this, 22 staff members shared their expertise by acting as resource persons at seminars and workshops. 19 staff members published research papers. The College also hosted talks, workshops, awareness programmes on Arts & Science subjects.

4 Research Projects are ongoing and 5 are completed so far by the teachers. 10 projects have been completed. A total research grant of Rs. 1, 10,000/- for research has been received by the College. 12 staff members and students received honours and awards by Mumbai University and other National bodies.

- ❖ The College office administration, maintenance of accounts is fully computerized. This year the examination section is computerized and this improved the efficiency and quality of these departments to a great extent.
- ❖ “Kollege Katta” (K2) and additional space has been provided to students to be used as an informal platform to showcase their talents. This innovative initiative was highly appreciated by both staff and students.
- ❖ With the encouragement of staff, a good number of students excelled in co-curricular and extra-curricular activities outside the College at various festivals and received honours.
- ❖ A total of 55 prizes were won in the intercollegiate cultural events including University Youth Festival.
- ❖ The College has development collaboration with Department of Biotechnology, Ulster University, Ireland.
- ❖ The College signed a MOU with ITIN, Paris for student exchange programmes for the Department of Information Technology.
- ❖ The Academic audit, through the local inquiry committee was carried out. To enhance opportunity of students to pursue research in Microbiology, the number of seats of students pursuing M.Sc. & Ph.D. increased from 10 to 15. The Physics Department was recognized by Mumbai, University for M.Sc. (by Research) from the Year 2007-08, so also Zoology Department was also recognized for M.Sc.



SECTION D

Plans of the HEI for the next year

- ❖ To start new Academic, interdisciplinary programmes from the next year.
- ❖ To supplement regular lecturing method, encourage staff members to use new innovative methods.
- ❖ To encourage more and more staff members to undertake research activities and apply for patents.
- ❖ Infrastructure developments in the College.

Sd/-

Dr. (Mrs.) Asha J. Rao

Name & Signature of the Director/Coordinator

Sd/-

Dr. (Mrs.) V.I.Katchi

Name & Signature of the IQAC Chairperson

