

AQAR: 2010-2011



# 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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## Annual Quality Assurance Report (AQAR) 2010 - 2011

BHAVAN'S COLLEGE

M.M. COLLEGE OF ARTS, N.M. INSTITUTE OF SCIENCE, H.R.J. COLLEGE OF COMMERCE

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

**MUNSHI NAGAR, ANDHERI (W), MUMBAI 400 058**

**Annual Quality Assurance Report**

**(AQAR)**

**2010 - 2011**



Kulapati K.M. Munshi founded the Bhavan a full decade before the advent of Independence. 7th of November 1938 was the beginning of an 'Adventure in Faith'. A faith in India's Past, Present and Future. The founding of Bhavan was based on the preservation and propagation of Bharatiya Sanskriti (Indian culture) and Sanskrit, the mother of languages, the akshaya patra - the inexhaustible reservoir. This unpretentious endeavour was backed by Kulapati Munshi's amazing pragmatism. Over the years from being a modest Indological research institution, it has steadily grown into a comprehensive, co-operative, apolitical, national movement with an international outlook. It seeks to inculcate a value-based life.

**SECTION A:**

**Plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement (attach separate sheet if required).**

- ❖ To conduct and participate in various seminars, workshops for implementation of CBSGS.
- ❖ To make students and staff environmentally friendly.” Go Green” is the theme for the year
- ❖ The College decided to celebrate the golden jubilee of the state of Maharashtra by having “Peaceful Maharashtra” as a theme for its College Fest.
- ❖ To Create an official website for O2 our College Fest
- ❖ To consolidate theme based Media festival. Ray Film Festival
- ❖ UGC Grant Utilization.



**SECTION B:**

**Details in respect of the following (attach separate sheet).**

**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 primacy 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 well as through M. Phil and Ph.D. programmes to further empower themselves



### **New Academic programmes initiated.**

- ❖ A Sandwich course on 'Food Safety' was initiated by Bhavan's Research Centre in collaboration with Quality Control of India (QCI), Delhi which was designed to provide knowledge of latest developments in food safety and quality management systems to students to equip them to excel in their career in the Food Processing Industry.

### **Innovations in Curricular Design and Transaction:**

- ❖ Dr. P.D.Anthappan :- Member of BOS of Microbiology & appointed as member of new T.Y.B.Sc.syllabus committee 2011.
- ❖ Prof. P.G.Pakti Member of BOS of Statistics NMIMS University..
- ❖ Dr. A.J.Patel appointed as member of new M.Sc.I Zoology syllabus committee 2011.
- ❖ Dr. Z.P.Bhathena appointed as member of Chromatography Society of India.
- ❖ Prof. Rekha Sharma as member of LIC.
- ❖ Dr,R,C,Patil appointed as member of T,Y,B,Sc Biotechnology syllabus comm., at Solapur University.

### **Inter Disciplinary Programmes**

- ❖ In their inaugural function, the Vivek Vahini invited Dr. Narendra Dabholkar, a social activist and former President of "Andhashraddha Nirmulan Samiti" to address the students. He educated the students about maintaining a scientific outlook in life, being responsible towards the environment and addressed current issues faced by society. It also organised a workshop where activists of the "Andhashraddha Nirmulan Samiti" showed students some of the common ways con-men use to inculcate superstition in the minds of the simple minded people. They taught students how to spot such acts and cautioned them about such traditions.



**Candidates qualified NET/SET/GATE/Ph.D.**

- ❖ Dr.R.C.Patil awarded Ph.D [Microbiology]
- ❖ Dr.Medini Anjanekar awarded Ph.D.[Hindi]
- ❖ Dr.Kranti Gawali awarded Ph.D. [Psychology]
- ❖ Prof.Sanjay Aghav awarded M.Phil.[Geography]
- ❖ Prof. R.K.Asthana awarded M. Phil. In sport.
- ❖ Trupti Waghmare awarded NET in library Science

**Initiative toward Faculty Development programme:-Seminar/workshops**

**Resource Persons:**

- ❖ Prof. Vishal Kamble: - PG lecture at University , NET coaching workshop at Kolhapur University.
- ❖ Prof. Rekha Sharma: - workshop on the play “ Khajuraho Ka Shilpi ” as part of curriculum.
- ❖ Prof. Archana Calangutkar & Dr. M.B.Purandare as resource person at International Conference on Mumbai Socio-cultural perspectives contributions of ethnic groups & communities.
- ❖ Dr.S.L.Samant resource person at Short term training programme on Molecular Techniques.
- ❖ Dr.Kranti Gawali as resource person at workshop on preparation of SET examination.& PG lecture, as judge competition of paper presentation.
- ❖ Prof. P.G.Pakti as resource person at workshop on preparation of SET examination
- ❖ Dr. A.J.Patel resource person at workshop on Fishery biology.
- ❖ Dr. Pandya invited to deliver talk on Nature & Environmental Conservation & for training session for officers of Armed forces & Academicians. Dr. Parvish Pandya was invited by several schools and Colleges to deliver talks and slide-shows on Nature & Environmental conversation. He also conducted outings and Nature Trails for schools, Colleges, corporate like Deutche Bank, T.C.S., Forest Departments, Refresher Course at Mithibai College, University Department of Extra-Mural Studies,



- ❖ Dr. Asha Rao resource person at workshop on revised T.Y.B.Sc. Syllabus of Zoology.
- ❖ ] Dr. Kakoli Dasherma life member of Binano Fontiers Journal
- ❖ Dr. Ajay Kamble, Head of Geography Department, was appointed as ‘Observer’ by Honorable Vice Chancellor to oversee the inter-collegiate youth Festival of University of Mumbai.
- ❖ Prof. Neha Sawant was invited as a judge for Inter-Collegiate elocution competition ‘Acharya Atre Elocution Competition’ at M.D. College. She was also invited to deliver a talk on ‘Mastaranchi Savali’, on the occasion of Marathi Bhasha Divas, organized by Vasai Sankrutik Mandal.
- ❖ Mr. Ramesh Paloti resource person for UGC Sponsored State Level Seminar organized by Arts College, Bumkede.

### **Papers / Posters Presented**

- ❖ Prof. Vishal kamble presented papers at
- ❖ “Conservation and management of Ophioglossum species with native AM-fungi”, XI International conference at Aurangabad] i) Assessment of VAM fungi in some medicinal plants from Bhavan’s campus Andheri (W) Mumbai. ii) Vesicular Arbuscular Mycorrhizal Association with marshy and aquatic plants in Umred Lake – Nagpur Maharashtra. iii) Germination Studies on Soapnut at International symposium at Kolhapur University.
- ❖ “VAM colonization and inoculum production for Ophioglossum conservation “National conference on Biotechnology at Dharampuri [T.N.]
- ❖ Arbuscular Mycorrhizal Association in some medicinal plants belonging to Asteraceae found in Panhala Hill of Maharashtra, India. At National conference at Naldurg.
- ❖ He presented one more paper entitled “Incidence of Arbuscular Mycorrhizal Association in Striga gesnerioides (Willd) Vatke. Oester, var. gesnerioides root parasitic medicinal plant and it’s host Lepidagathis cuspidata Nees from



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- Maharashtra, India”, and he also chaired the Scientific session as Rapporteur in same conference.
- ❖ Dr. Usha Parmeshwaran presented paper A paper entitled “Post-harvest changes in sugars, amino acids, organic acids of Citrus sinensis infected with Fusarium solani” was presented at National Conference on Current trends in Biological science.
  - ❖ Dr. Maya Chemburkar participated in scientific discussion at International symposium on The New Horizons of Botany at Kolhapur University. & attended TYBSc Practical revised syllabus Workshop held at Jhunjhunwala College Ghatkopar, on 12th June 2010.
  - ❖ Dr. Kakoli Dasherma participated in scientific discussion & presented paper titled “Evaluation on Inhibition of Growth in Rhizopus arrhizus and Rhizopus solani under the influence of Phytoextracts of Dolichos lablab, Linn. and Dolichos biflorus, Linn at International symposium on The New Horizons of Botany at Kolhapur University.
  - ❖ She presented a paper on “Studies on antagonistic activity of Azadiracta indica and Syzygium aromaticum against E. coli and S. aureus” in UGC sponsored National seminar Vision 2025- Technological development in Biological Sciences, at Patkar – Varde College, Mumbai National seminar at Patkar College Mumbai.
  - ❖ Prof. Manisha Trivedi presented two papers in papers, ‘Preview on Water Pollution in Rivers & Creeks of India’ and ‘A Study on Water Pollution due to Organic Pesticides along the Vasai Creek of Mumbai’, in International Conference organized by ‘IFEEL’ [Institute of Future Education, Entrepreneurship and Leadership], Lonavala, International Conference at Lonavala .
  - ❖ Dr. Venkatachalam presented paper in 23rd research scholars meet of Indian Chemistry society Mumbai
  - ❖ Prof Tiwari presented a paper on “Risk Management In Banks.”
  - ❖ Prof Tiwari presented a paper on “Financial Management of SME’S” at Shri JJT University, Rajasthan
  - ❖ Prof Tiwari presented a paper on “Management of SME’S” at Shri JJT University, Vidyanagari, Jhunjhunu-Churu Road, Dist. Jhunjhunu, Rajasthan-333001 to Ph.D. Research Scholar on 16th November, 2010.





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- ❖ Prof. Tiwari addressed and presented a paper on “Company Secretary as a Career” at Sanskardham College of Arts & Commerce, Goregaon for students of Junior and Degree College.
- ❖ Prof. Geeta Mohandas & Nirmala Pawar attended & presented paper at UGC sponsored conference on Higher Education at Pragati College, Dombivali.
- ❖ Prof NLN Rao presented a research paper on ‘Impact of English Literature on Communication Skills in English’ from 21-22nd January, 2011, in the National Seminar at Panvel, on ‘Communication Skills : Challenges & New Horizons’ sponsored by UGC.
- ❖ Prof. H. L. Narayanrao, attended and presented a research paper on ‘Teaching Speaking Skills in English in Indian Classroom’, at the state level seminar on ‘Approaches of Handling Speaking Skills in English’, sponsored by UGC, held on 7th January, 2011, at Vikhroli, Mumbai
- ❖ He presented a research paper on “Narratives in Indian English Diaspora” in the National Seminar at Shahapur on ‘Narratives in Indian English Literature’ held on 12th February, 2011, sponsored by UGC.
- ❖ Dr. R.C.Patil attended & presented paper presented paper in Molecular Medicine at conference organized by American Journal of Infectious Diseases and Laila Pharmaceuticals at Gujarat
- ❖ Dr.P.D.Anthappan students presented poster at 110th General Meeting of American Society For Microbiology at California & at UGC sponsored National Conference on current trends in Biological Sciences at Mumbai. Also students three presented at 51st National Annual AMI Conference at Ranchi. One student presented poster at XI All India Meeting of Women in Science & Technology At SNTD.
- ❖ Paper entitled “Study of Variation In Order Parameter with Temperature of Mixture of Nematic and Cholesteryl Liquid Crystals” Prof. S. M. Bhatia, has been accepted for a poster presentation at the Second International Symposium on Liquid Crystals : Science and Technology (LCST 2011) Changzhou, China.



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- ❖ Dr. Gawali attended and presented research paper on “Big Five Factors and its relationship with EI and Coping” in a 2 day UGC Sponsored National Seminar held at K.M.C College, Khopoli on 17th and 18th August,2010.
- ❖ She attended and Presented paper on “Role of EI in Coping with trauma” in the XVII Annual Conference of the Bombay Psychological Association.
- ❖ She also attended and Presented papers on “Role of the level of EI in aggression and crime and the remedies” and “Gender differences in neuroticism and aggression styles and alleviation of aggression among women” at the 2-day Silver Jubilee Conference of the Marathi Manas Shastra Parishad held on 22nd and 23rd December, 2010.
- ❖ Dr. Asmita Mestry, in collaboration with UG students of our College, presented posters at a National Conference at Vaze College, organised by ISCC, in Feb. 2011.
- ❖ Prof Vidya Kulkarni presented a paper on ‘Aerobic and Anaerobic Training for Endurance, Speed & Leg’ at International Conference organized by Thakur College of Science & Commerce, Kandivali. She also presented a paper on ‘Effect of Fartlek & Interval Training on Selected Athletic Events of Boys aged from 14 to 16 years’ at International Doctoral Theses Conference organized by iFEEL, Lonavala

### **Workshops:**

- ❖ Prof. Tiwari attended a workshop in Sep. 2010 on syllabus revision of export marketing (Applied component) at T.Y.B.com. level w.e.f Academic Year 2010-11 organised by Shankar Narayan College of Arts & Commerce, Thane, in consultation with Board of Studies of Commerce, University of Mumbai. He also attended a workshop in Aug. 2010, on syllabus revision of Commerce –Paper III at T.Y.B.com. level w.e.f Academic Year 2010-11 organized by Thakur College of Science & Commerce, Kandivali, in consultation with Board of studies of commerce, University of Mumbai.
- ❖ Prof. Vishal kamble & Vineet Vaidya attended workshop on revised T.Y.B.Sc. Theory & practical syllabus.



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- ❖ Prof. Tiwari also participated in workshop titled “Innovative Techniques in Commerce Teaching” (Internal assessment-40 marks- F.Y.B.Com. under credit based grading systems) organized by Department of Commerce, Mithibai College of Arts, Commerce & Economics, and held on 11th February, 2011.
- ❖ Prof. Beroz Cooper attended NET/SET workshop.
- ❖ Prof. Sanjay Aghav attended GIS development workshop at Tilak Maharashtra University. & presented paper titled ‘GIS Application in Dairy Farming’ at Pravara Nagar College, Ahmednagar.
- ❖ Prof. D.R.Rao organized workshop in Mathematics.
- ❖ Prof. S.V.Raut attended workshop on Molecular biology Techniques at Wilson College.
- ❖ Dr.S.L.Samant participated in Revised T.Y.B.Sc. Syllabi Workshop.
- ❖ Dr.S.Shrivastava participated in Revised T.Y.B.Sc. syllabi workshop.& She attended seminars on Risk Analysis for Processed Food Manufacture organized by PFNDAI on May 15th 2010 and on “Innovative ideas” organized by PFNDAI on 22nd Sept. 2010 and workshop on QMS 9001 and 22000 and Internal Audit organized by TUV India.
- ❖ Prof. B. P. Patki, Prof. S. S. Naralkar, Prof. P. G. Patki and Prof. U. A. Phatak participated in a two day workshop on revised syllabus of T.Y.B.Sc. and T.Y.B.A. organized by K.J. Somaiya College of Science and Commerce in association with Board of Studies of University on 5th and 6th May, 2010.
- ❖ Prof. A. M. Dhote attended workshop to collect feedback of the current syllabus of Mathematical and Statistical Techniques of F.Y.B.Com. and need for revision in the syllabus on 25th September, 2010. The workshop was organized in association with the Board of Studies of Mathematics and Statistics, University of Mumbai
- ❖ Prof. U. A. Phatak attended a workshop on revised syllabus of T.Y.B.Sc., Elements of Operations Research (Applied Component), organized by K.C. College.
- ❖ Dr. (Mrs.) Rao, Dr. (Ms.) Mane, Dr. Gore and Prof. Jumale attended the One day workshop in Zoology for revised syllabus of T.Y.B.Sc. was organized by the Dept. of Zoology, R.J.College,



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- ❖ Dr. Mane and Dr. Gore attended an intercollegiate workshop on 'Feasibility Report' organized by the Dept. of Zoology, M.D. College
- ❖ Prof D. Rao attended a training programme on 'Clinical Proteomics: Technology and Beyond' held at ACTREC on 26th and 27th November, 2010.
- ❖ Dr. Patel participated in a workshop on 'Animal Tissue Culture' at Mithibai College in January, 2011
- ❖ Dr. Gore participated in a workshop on Fishery Biology in Maharashtra College on 2nd February, 2011. He also attended a training programme on 'Ornamental Fish Culture' at Annamalai University.
- ❖ Radha Hariharan attended a two day workshop in Bioinformatics and applications in Biological Sciences on 8th-9th January, 2011 and also attended a one-day Seminar on Urban Horticulture in Dnyansadhana College, Thane on 10th December, 2010.

### **Seminar/Conferences Attended**

- ❖ Prof. Tiwari and Prof Gita Shetty attended a seminar in Sept. 2010, on "Use of Statistical Tools in Research Work in Commerce", organized by Department of Commerce Guru Nanak College of Arts, Science & Commerce, Sion-Koliwada, in consultation with Mumbai Commerce Association (MCA).
- ❖ Prof. Tiwari attended an international conference in Dec 2010, organised by Thakur College of Science & Commerce, Kandivali, in consultation with University of Mumbai & presented paper on Popularity on Factoring Amongst SME's.
- ❖ Prof Tiwari attended an international Commerce & Management conference on "Emerging Issues in Global Economy Commerce & Management Challenges & Strategies for International Competitiveness" organized by Dept. of Commerce, University of Mumbai jointly with Mahatma Education Society's Pillai Group of Institutions held on 1st & 2nd February, 2011. He presented a paper on "Challenges before factoring companies in financing SME's". Participated in Pathh- 2011 International Research Conference organized by St. Francis Institute of Management & Research in Association with University of Mumbai held on 5th February, 2011 & Participated in International Doctoral Theses Conference organized by IFEEL



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- (Institute for Future Education, Entrepreneurship & Leadership, Lonavala on 5th-6th February, 2011 & presented a paper on “Challenges Before Factoring Companies In Financing MSME’s”
- ❖ Prof.Neha Sawant attended a seminar at Acharya Marathe College & two day Conference at Somaiya College.
  - ❖ Prof.S.S.Chokani attended National Seminar at University of Mumbai & Thakur College & Presented paperentitled “Ring of Quaternions and Sum of Four Squares of Integers” was published in the January issue of the Quarterly Magazine in International Doctoral Thesis Conference at Lonavala.
  - ❖ Prof.R.Y.Chavan attended International Seminar at Thakur College, Khandivali.
  - ❖ Prof R.C. Patil was also invited to participate in the 5th International Congress of Chemistry and Environment (ICCE-2011) Conference at Port Dickson, Malaysia.
  - ❖ Dr.Z.P.Bhathena participated in Symposium on Essential Oils Flavours & Fragrances at IIT Mumbai. She was invited to present a review of the project on Production of Microbal dyes and their application to silk and other fibers to the task force on Silk Biotechnology meeting held on 6th August 2010 at Department of Biotechnology, Delhi,
  - ❖ Dr.Mane and Dr. Rao attended symposium on ‘Essential Oils, Flavours and Fragrances – Chemistry and Industry’ on 20th November, 2010 at IIT, Powai.
  - ❖ Dr. Pandya, Dr. Mane and Dr. Gore attended the convention for Zoology teachers on the Credit System and its implications on examination and syllabi organized by the BOS in Zoology at Patkar-Varde College, Goregaon.
  - ❖ On 8th January, 2011, Hitesh Soni and Nihar Sawant attended a seminar on ‘Nanotechnology in the Service of Society’. In this seminar, Noble Laureate in Chemistry, Sir Harold Kroto, delivered a lecture and it was organized by Nehru Science Centre in collaboration with Homi Bhaba Centre for Science Education
  - ❖ Prof. Sharad Tajane and Prof. Ashok Patange attended International Conference on “Supra Molecular Chemistry and Nono - Materials organized by department of Chemistry, University of Mumbai, from February 14th – 16th, 2011.



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- ❖ Mrs. Vidya Kulkarni attended a National workshop on Research Methodology in association with SPSS, NASDAQ on 17th & 18th September 2010 organized by K.C. College & National seminar on Research in Humanities: Scope and Strategies, on 26th & 27th October, 2010 organized by Shri. Jagdishprasad Jhabarbal Tibrewal University (JJTU), Rajasthan. She also attended an International Conference on Physical Education and Sports Sciences on 25th to 27th Feb., 2011 organized by S.V's Sridora Cacula College of Commerce & Management Studies in association with National Association of Physical Education and Sports Science

Student of T.Y.B.Sc. (IT) Nihar Sawant and Hitesh Soni released the official website of 'O2-The Fest'. This website has been designed and developed completely by Nihar Sawant and Hitesh Soni in less than two days. Radha Hariharan [Biotechnology] participated in Solo Dance Competition at the Mumbai Youth Festival 2010 organized by Yuva Chetana.

Neha Sawant published five interviews of theatre activist in 'Kahani Kavitechi' by late poet Shri. Narayan Surve. This book was published on 13th July, 2010.

She was invited at Pragati College, Dombivli, to perform a programme on rain poetries, Reshimdhara. She also published an article in memory of late poet Shri. Narayan Surve in literary magazine 'Lalit' in October, 2010.

She delivered a talk on 'Surve ani mee' and also recited his poetries in a programme of Bhavan's Sanskritik Mandal

The Inter-Collegiate Munshi Memorial Rotating Trophy Competition for elocution and essay-writing was held on 4 December 2010. The convener, Dr. Geeta Ved and her team put in tremendous efforts to make the event a grand success. The judges for the multi-lingual competition were Ms. Sumana Iyer, Ms. Avni Shah, Ms. Supriya Karkhanis and Mr. Tarun Singh.

In the elocution competition, Amrita Bane of Sathaye College was adjudged the best speaker for her speech in Marathi. Siddesh Parsekar of Nitin Godiwala College stood second. Prajakta Tandel (S.Y.B.A.) of Bhavan's College stood third and Harsh Parmar of F.Y.J.C. (Sc.) from Bhavan's got the consolation prize. As a team Prajakta Tandel and Harsh Parmar were awarded the Munshi Memorial Trophy in elocution.



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**Total number of seminar / workshop conducted:-**

- ❖ Dr. Dassharma [Botany] organized and convened a “Two Day workshop in Bioinformatics and its application in Biological Sciences”, jointly held by Department of Botany and Daksh foundation Navi Mumbai on 8th and 9th Jan. 2011.
- ❖ Revised Syllabus of International Economics for TYBA. The program was organized under the auspicious of Planning Forum of Bhavan’s College.
- ❖ The Department of History arranged a 1-day workshop for History teachers regarding the new syllabus for F.Y.B.A.class to be introduced from 2010-11
- ❖ Prof. D. R. Rao jointly organized workshops in Mathematics at Vaze College, Mulund and Mithibai College, Vile Parle as Secretary, Bombay Mathematical Colloquium.
- ❖ A training workshop on Pearl Culture was organized on 26th November, 2010 and a lecture on Taxidermy by Dr. Gaikwad was organized by Coenozoo.

**Ongoing/ completed research project**

List of projects	Name of Faculty	Ongoing /completed
“Studies of Antimicrobial Bioactive compound from mangrove plant for formulation in fish feed”	Dr.R.C.Patil	Completed
Evaluation of Microbial consortium to decrease the Toxicity of Diclofenac	Dr. Z. Bhathena	Completed
Biocontrol potential of EM Consortium Formulation”	Dr. P. D. Anthappan	Completed
Assessment of Inanimate objects as reservoir for noscomial bacteria and efficacy of common disinfectants in their management	Dr. S. Srivastava	ongoing
Production of Microbal dyes and their application to silk and other fi bres to the task force on Silk Biotechnology	Dr. Z. Bhathena	ongoing
“Studies on Antimicrobial principles of Sonneratia Alba”.	Prof. S.V. Raut	ongoing
“Libraries in Brihan Mumbai” another UGC Minor Research Project	Dr. M. B. Purandare Prof. Sarita Mandpe	completed
Social Economic and cultural life as depicted in	Dr. M. B. Purandare	ongoing



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Jalak Kathas		
DST Indo Korea collaboration Development of Platform Technology for Bio-oil Production Using Heterotrophic Microalgae	Dr Z.Bhathena	Ongoing
Sporocidal Applications of Biopolymers /surfactants from marine environment off the coast of Mumbai	Dr Z.Bhathena	Ongoing
Study of pyroelectric infrared sensor and its application in motion detection	D.R Kendre	completed
Effect of rare earth doping on lanthanide based fluorite nano particles	S.G. Gaurkhede	completed
Role of Extract of leaves Of Cassia tora on in vitro immunomodulation	Dr Asmita Mestry	completed

### Patent generated:-

- ❖ Dr.Z.P.Bhathena has filed an Indian Patent numbered 1264/MUM/2010 relating to Microbial Biosurfactant as Agents for Controlling Aspergillus infection in groundnut with the Government of India.
- ❖ Dr.R.C.Patil has 6 Patents to his credit

### New collaborative research programmes :-

Sr. No.	Industry	Principal Investigator/ Project Consultant	Technical Coordinator/ Assistant
1.	HUL	Dr. Z. P. Bhathena	Lakshmy Narayanan,
2.	Godrej Agrovet	Dr. S. L. Samant	Nishith Desai, Rohini Nair, Lakshmy Narayanan, Yogita Pingle
3.	HLRC	Dr. S. Shrivastava	Rekha Gala
4.	HUL	Dr. P. D. Desai	Dr. Tanvi Shah, Abhishek Mule, Juili Nimkar



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5.	HUL	Dr. P. D. Anthappan	Aishwarya Rana, Rajeshri Talwatkar	
6.	Yogesh and Company	Dr. P. D. Desai Prof. R. C. Patil	Dr. Tanvi Shah, Abhishek Mule, Chaitrali Borade Aishwarya Rana	
7.	Natural Ice-cream	Dr. P. D. Desai	Dr. Tanvi Shah, Abhishek Mule	
8.	Ambassador Sky Chef	Dr. P. D. Desai, Dr. P. D. Anthappan	Dr. Tanvi Shah	
9.	Eureka Forbes	Dr. Z. P. Bhathena		
10.	Excel	Dr. S. L. Samant	Chaitrali Borade	
11.	BP Energy/ First Energy	Dr. S. Shrivastava	Neesha Barchha	
12.	Unilever, UK	Dr. S. Shrivastava, Dr. S. L. Samant	Nishith Desai	
13.	ABST	Dr. S. Shrivastava	Neesha Barchha, Nishith Desai	
14.	Grasim	Dr. S. Shrivastava	Nishith Desai	
15.	HLRC	Dr. S. Shrivastava	Nishith Desai	
16.	Johnson Diversy	Dr. Tanvi Shah	Juili Nimkar	
17.	Eureka Forbes	Dr. P. D. Desai	Dr. Tanvi Shah, Abhishek Mule	
18.	London school of tropical medicine + Unilever, UK	Dr. Z. Bhathena	Hiral lakshmy	
1.	Proficiency Testing for Microbial Testing of Food & Cosmetic Products		Dr. S. Shrivastava	Neesha Barchha
2.	Standardization of MIC by ELISA Reader		Dr. Z. P. Bhathena	Nishith Desai
3.	Standardization of method for complete water analysis, including viruses & protozoa- identify related industries		Dr. Z. P. Bhathena	Lakshmy Narayanan



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4.	Study related with application of probiotics/pre-biotic- identify related industries	Dr. S. Shrivastava	Rohini Nair
5.	Standardisation of Enzyme assays	Dr. S. L. Samant	Ketaki Soman
6.	BIS Substantivity Test	Dr. S. Shrivastava	Swapnali Juikar

### Research grant received from various agencies:

Faculty	Agency	Amount
Dr.R.C.Patil	Mumbai university research grant	Rs.40000/-
Dr. Z. Bhathena	Mumbai university research grant	Rs.30000/-
Dr. P. D. Anthappan	Mumbai university research grant	Rs.40000/-
Dr. S. Srivastava	UGC minor research grant	Rs. 130000/-
Dr. Z. Bhathena	DBT (3 yrs)	Rs.30.00 lakh
Dr. Z. Bhathena	DST(3 yrs)	Rs.19.5 lakh
Dr. Z. Bhathena	UGC major research grant	Rs 10.8 lakhs
Prof. S.V. Raut	UGC minor research grant	Rs. 100,000/-
Dr. M. B. Purandare and Prof. Sarita Mandpe,	UGC major research grant	
Dr. M. B. Purandare's	UGC major research grant	Rs. 2,48,600/-
D.R Kendre	Mumbai university research grant	17,000
S.D. Gaurkhede	Mumbai university research grant	25000/-

A total grant from UGC of Rs.1,43,10,000/- was received under the 11<sup>th</sup> plan period.

### Details of research scholars/ Refresher & Orientation Courses

- ❖ Prof.K.C.Gawali awarded Ph.D. in Psychology
- ❖ Prof.Medini Anjanikar awarded Ph.D. in Hindi
- ❖ Dhomave Aba Sham awarded Ph.D.in Chemistry
- ❖ Mr. Ramesh Paloti completed a Refresher Course from Dr. Babasaheb Ambedkar Marathawada University, Aurangabad.



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**Candidates clearing NET/SET**

Biotechnology students passed NET in the subject of Life Sciences of UGC-CSIR.

- ❖ Mr.Sadanand Mayekar , NET-JRF
- ❖ Ms.Neha Sawant, NET-JRF
- ❖ Ms.Rashmi Rao, NET-JRF
- ❖ Ms.Swati Mishra, NET-JRF

**Citation index of faculty members & impact factor:-**

Sr no	Name	Title of paper	Journal details	Pg Nos	Date	Impact factor /citation number
1	Z. Bhathena , Madura Shetye , Jyoti V	Production & Partial purification & use of red biochrome produced by <i>S sakeunsis</i> subsp nov KRED for dyeing natural fibres	Applied biochem and biotech	In press	2012	Impact factor 2
2	Z. Bhathena , Madura shetye , Jyoti V	Analysis of the dyeing properties of a bluish violet pigment extracted from chromobacterium spp	International dyer		July 2011	
3	Z. Bhathena , S Tawade.	Recovery of silver from exposed X ray film using alkaline protease	Jr . of Ind. Pollution Control		2010 (in press)	
4	Z. Bhathena , S Shivkumar	Agricultural application of fungal chitosan with low degree of deacetylation	Asian. J of Microbiol. Biotech. & Env. Sciences.		3 :2010 (in press)	
5	Prof. S.V.Raut, P.Pukale	Study on Antimicrobial principles of <i>Parthenium hysterophorus</i> & its application as disinfect.	PLANT ARCHIVES  Vol.10,2010	pp.919-926.	Oct. 2010	



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6	Prof. S.V.Raut, K.Bhat	Screening of Rhizospheric Soil Samples for Mycorrhizae and Study of Its Phosphatase Activity and Effect on Ragi [ <i>Elucine crocana</i> ] Plant.	Trends in Biosciences 3[2]	[ ISSN-0974-8431] PP.235-236	2010	
7	Mr S. V. Raut	“Screening & Characterization of Antimicrobial Substances produced by <i>Bacillus species</i> ”	Journal of Pure & Applied Microbiology Vol 4 (1)		2010	
8	Dr.Kakoli Dasharma	Corn-waste - a major booster for bioethanol production”	Journal Bionano Frontier			
9	Prof. (Mrs). Manisha P. Trivedi	Preview on Water Pollution in Rivers & Creeks of India’ and ‘A Study on Water Pollution due to Organic Pesticides along the Vasai Creek of Mumbai’,	‘IFEEL’ [Institute of Future Education, Entrepreneurship and Leadership],		March2011	
10	Prof. S. S. Chokhani	“Ring of Quaternions and Sum of Four Squares of Integers”	issue of the Quarterly Magazine Research Dimensions.		Jan. 2011	
11	Prof. U. A. Phatak	‘Serially Balanced Sequences Type I’.	quarterly published journal, Research Dimensions,			
12	Mrs. Vidya Kulkarni	‘Sports Physiology’	Research Dimensions, in		April issue	



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## Honors/Awards to the faculty:

- ❖ Prof. Vishal Kamble – Best Research Paper Presentation Award and Fellow Award 2010 of Society for Applied Biotechnology in recognition for his outstanding achievements and contribution to the field of plant biotechnology.
- ❖ Prof. Vishal Kamble – Best Research Paper Presentation Award International Society of Science and Technology, Mumbai & Bionano Frontier for Best Research Paper in National Conference on Frontiers of Plant Sciences for Sustainable Agriculture and Rural Development,
- ❖ Dr. Ajay Kamble, Head of Geography Department, was appointed as ‘Observer’ by Honorable Vice Chancellor to oversee the inter-collegiate youth Festival of University of Mumbai.
- ❖ Prof. Neha Sawant was awarded Usha Saraf Puraskar from Mahim Public Library for her first book ‘Mastaranchi Savali’, biography of Smt. Krishnabai Narayan Surve.
- ❖ Dr. Kranti C. Gawali was awarded Ph.D. degree in July, 2010. She was felicitated with the “SAMAJ BHUSHAN” Award by the Bahujan Adhikari Karmachari Mahasangha, Maharashtra Rajya for acquiring her doctoral degree and efforts and contribution towards community welfare
- ❖ Sanctuary Magazine and Royal Bank of Scotland conferred the “Green Teacher Award” to Dr. Parvish Pandya in December 2010.

**Internal Resources Generated:** Nil

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

## Community services

### NCC-Girls

- ❖ The group and unit has strived hard to impart institutional and adventure training to fulfill the social obligation of motivating cadets for various social services activities Training, Camp and Social Services under the NCC Camps
- ❖ Annual Training Camp (ATC) Palghar – 29th May to 09th June 2010 -Our cadets participated at various training programs and special training was given of Parasailing at Palgar beach.
- ❖ Hospital Attachment Camp – Asvin Hospital Colaba- 15th June 2010 to 25th June 2010 Sharaddha Tarral, RoshanaToke, Saraswati Gupta, Supriya Karekar, Saloni Paralkar
- ❖ Annual Training Camp cum Thala Sena Camp Selection ( ATC-TSC ) JNPT – 17th August 2010 to 30th August 2010 – Vibha Shukla, Sheetal Ambulkar, Seema Negi
- ❖ Annual Training Camp Cum Republic day selection camp/ Group selection camp (ATC-CUM GSC-RDC) JNPT- 5th Oct. 2010 to 14th Oct 2010 Mayuri, Trupit, Priyanka Gadade, Sarra Mallik



## AQAR: 2010-2011

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- ❖ Annual Training Camp Cum Republic day selection camp/ Group selection camp (ATC-CUM GSC-RDC) JNPT- 16th Oct 2010 to 26th Oct 2010 Mayuri, Trupit, Priyanka Gadade, Sarra Mallik
- ❖ Annual Training Camp (ATC) JNPT 28th Oct 2010 to 5th Nov. 2010 total cadets participate 15 cadets
- ❖ National Integration Camp (NIC) Chembur -4th Nov 2010 to 14th Nov 2010 – Snehal Adhave, Jyoti James
- ❖ Trekking Camp – Darjeeling -12th Nov 2010 to 2nd Dec 2010 Saloni Paralkar, Varsha Sutar
- ❖ Rock Climbing Training Camp (RCTC) – Gwalior 21st Nov 2010 to 4th Dec-2010- Saraswati Gupta, Vibha Shukla, Netra Parab
- ❖ NCC Day Camp – Coloba 16th Nov2010- 22nd Nov 2010- 12 cadets participated
- ❖ Adventure camp – Alibagh 20th March to 6th April 2010 Mubbashira Shaikh, Saloni Paralkar,
- ❖ Vibha Shukla, Netra Parab. Saloni Paralkar Got the Best Cadet Award AT the Camp

### Social Services

- ❖ 26th June Seminar on Anti Drugs and Narcotics at Bhavan's College Speaker were Inspt. Mruthijay Hiremath of Antinarcotics, Unit
- ❖ 25th August 2010 My Earth My Duty Tree Plantation was organized by Maharashtra Directorate. The Guest of Honour was DDG – Brig. P.C.Roy, Miss world Neha Hinge, Group Commander of Group B Cp. Capt. EK Prasad, Group Commander of Group A Col. M.K. Joshi and the entire Unit Commanding Officers were present.
- ❖ 16th September, 18th September and 2nd October 2010 Traffic Controlling during the Ganapati Procession. Cadets Helped The Mumbai Police – D.N.Nagar Andheri to Control the Traffic during the Ganpati Visarajan
- ❖ 19th Sept. 2010, 3rd October 2010 Beach Cleaning after the Ganpati Visarjan under the guide lines of MP Priya Dutt.
- ❖ 12th January 2011 Blood Donation camp organized at Bhavan's College were cadets went around creating
- ❖ the awareness on Why Blood donation is important? And How can it save life?
- ❖ 24th April 2011 the Cycling Rally at Bandra Kurla Complex to Sea Link to Worli and Back was organized by DDG Maharashtra. Cadets Participated at College Sports and other College Functions like O2 the Fest, Ray Film Festival etc. Special Presentation of Lezim was given by NCC cadets on the Annual Sports Day and College Annual Day which was highly appreciated by the Guest of Honour and Principal Dr. V. I. Katchi.



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### NCC Boys

- ❖ Understanding the importance of Army and disciplinary training for the Youth, Bhavan's College selects a few cadets to give them National Cadet Corps training, imparting rigorous physical training. 52 cadets were enrolled in NCC Boys Army Wing for the academic year 2010-2011.
- ❖ Like every year, Independence Day was celebrated by Bhavan's College NCC Unit [3 & 8 MAHBN] where S.U.O. Rishikesh Rane commanded Bhavan's College NCC Cadets with smart Drill and with great pride on the Republic Day Cadets a smart Rifle Drill with Self Loading Rifle [S.L.R]. It was during the Independence Day celebration that Principal Dr. V. I. Katchi administered NCC Oath to our College Cadets. Every year the Cadets are taken to various Camps, hikes & Trips as part of their training.
- ❖ The following were the places visited and achievements by Cadets in various activities performed in the Camps. It was this year that Prof. V. S. Kota was selected by honorable Principal Dr. V. I. Katchi for gaining training as an A.N.O. for 3 Maharashtra Battalion Bhavan's College. Where Lt. V. S. Kota underwent rigorous Army Training for 4 Months and was rewarded with highest merits. During this period, control of Boys N.C.C. was under Lt. Malini Sharma
- ❖ C.T.O. Sagar Todkar, J.U.O. Parag Mahadik was selected for Scuba Diving Camp in Colaba and he was one of the 12 Cadets selected from Maharashtra Directorate.
- ❖ Sgt. Ajit Shinde, was appointed as the Company Senior of Maharashtra Directorate and rewarded with Gold Medal by the Commanding Officer, attended National Integration Camp at Jalgaon. He also won First prize in Essay Writing. J.U.O. Prasanna Mohite and Sgt. Ajit Jha attended North Eastern Region Trekking Camp in Shillong and also actively participated in Group Dance and Group Song in which Maharashtra Directorate stood first.
- ❖ Sgt. Ajit Shinde, who attended the Annual Leadership Camp in Bhuj, was been appointed as the Flag Owner for Maharashtra Directorate and received second prize in Essay writing from Group Commander. S.U.O. Rishikesh Rane, J.U.O. Parag Mahadik, C.S.M. Pravin Kamerkar, C.Q.M.S. Ganesh Devarshi, Sgt. Ajit Jha and Sgt Sachin Thakur attended Trekking Camp at Lonavala where S.U.O. Rishikesh Rane was been made Camp Senior. C.Q.M.S. Bhavesh Nivalkar, who attended Thal Sena Camp, was made the Camp Senior by Commanding Officer Col. J.P. Sahoo and was rewarded with gold medal.
- ❖ Cdt. Dipesh Pendhari, Cdt. Prasad Medekar, Cdt. Manish Yadav and Cdt. Sudarshan Dakhinkar were selected for Table Drill. Cdt. Dipesh Pendhari, Cdt. Prasad Medekar, Cdt. Manish Yadav, Cdt. Sudarshan Dakhinkar, Cdt. Ketan Shitap, Cdt. Prashant Pujari attended Republic Day Camp [R.D.C], whereas, Cdt. Vikrant Darveshi, Cdt. Vaibhav Kokane, Cdt. Akshay Kadam and Cdt. Abhishek Singh attended Group Selection Camp.



## NSS

- ❖ Prof. Nirmal Pawar represented the University of Mumbai for the National Youth Festival Shri Venkateshwara University, Tirupati (AP) and won the overall championship. During the 26th Jan. 2011 Republic Day celebration, she was felicitated by The Honorable Vice-Chancellor Dr. Rajan Velulkar, at the Kalina University Campus, for winning the Nationals. Prof. Nirmal Pawar was felicitated by the University of Mumbai by giving the appreciation certificates for working efficiently as NSS program Officer for four years. As a district coordinator Zone – III for the youth festival, Prof. Nirmal Pawar organized inter-collegiate cultural competition at National College, Bandra and DTSS College Malad.
- ❖ The regular yearly activities like rural camp, blood donation camp, were also held.

## Cultural

- ❖ O<sub>2</sub> The Fest, 2010: the annual inter-collegiate cultural festival of Bhavan's College, Andheri; marked its 5th year by celebrating Maharashtra's 50th glorious year of inception. It not only highlighted the progress the state had made but also made a bid for peace, which is a dire need today. The rich culture and traditions of the land of Shivaji Maharaj were showcased. Students of more than 60 Colleges across Mumbai participated enthusiastically in the various events. The three day youth festival had a total of 30 events in various categories such as the literary arts, sports, the performing arts, fine arts, informal events and workshops. Following tradition, the first evening of the Fest, 13th December, 2010 was celebrated as College Day, the annual gathering for Bhavanites. A variety entertainment was put up which included lot of dance and
- ❖ Second evening was a time to rock with the rock band event. Along with a live performance by students of participating Colleges, the famous rock band Circles wowed the audience with their scintillating beat! The last evening witnessed hip-hop dance battles followed by the awards ceremony. Even the days were packed with various events such as fort making and leaf painting which demanded the depiction of Maharashtrian culture. This threw up some novel and interesting interpretations such as wada-pav and warli painting. O<sub>2</sub>The Fest Where Life Begins..., was enhanced by the gracious presence of eminent personalities such as Mangesh Padgaonkar, Pallavi Joshi and Terence Lewis who guided and blessed the students. Finally, keeping in tune with its aim of getting bigger and better, O<sub>2</sub> The Fest: 2010 was enlisted amongst the Top 10 fests of the year in Mumbai.

## Teachers and officers newly recruited

- ❖ Prof Rahul Suryavanshi in Accountancy
- ❖ On an average 10 staff members were recruited on clock hour basis.

**Teachers and non teaching staff ratio: 1:1.6**





## AQAR: 2010-2011

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### Improvements in the library services:-

- ❖ The library services such as Acquisition, Cataloguing, Circulation, Serial controls, Stock Verification and OPAC are fully computerized with LIBSYS Software.
- ❖ The library is computerized, making physical access and location of books an easy task. OPAC (Online Public Access Catalogue) is provided for Students for searching books, CDs / DVDs and other reading materials. An OPAC facilitates the search for books making it easy for staff and students to locate and select books from such a vast storehouse of knowledge. This has helped teachers to publish papers in e journals
- ❖ New Additions: During this academic year, the Bhavan's College Library added a valuable collection of 1263 books costing Rs. 3,65,497/- and around 63 periodicals are being subscribed by the library.
- ❖ Member of INFLIBNET N-LIST E- RESOURCES CONSORTIA, is available for staff member for reference e-journals & eBooks.

### Infrastructure:

- ❖ This year the library has added a periodical rack, three tables and 12 chairs for library staff at the cost of Rs. 25,200/-.

### Library Volunteers Scheme:

- ❖ Rubina Mulla, Yogesh Marathe and Prathmesh Paste were selected as Library Volunteers for the year 2009-10.

### New books/ journals subscribed & their values

2010-11	368135.00- Books	112153.00- Periodicals	Rs 48,0288.00- Total Expenditure
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### Courses in which student assessment of teachers is introduced and the action taken on student feedback.

- ❖ The written suggestions regarding improvements in teaching-learning are received from the students through the feedback forms. These were considered and necessary action was taken at the departmental level. Feedback on Teachers and teaching practices is carried out by all faculties of the College.

### Unit cost of education

Year	Total No. of Students	Total Expenditure	Cost per Unit
2010 - 11	2852	101128342	35459



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## **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. Admission Process and the preparation of merit lists is also fully computerized.

## **Increase in the infrastructural facilities**

- Renovation of principal office and Toilet
- Waterproofing of main Building and library Building

## **Technology up gradation:**

- Purchase of I.D Card printing machine.
- Purchase of Electrical fittings and materials for maintenance of computer Library
- Total Expenditure incurred for the year-Rs 998174.00

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

- ❖ The use of ICT is promoted through the use of computers, OHPs, LCDs and internet facility. Frequent up gradation and licensed softwares ensure that faculty members use up-to-date knowledge-dissemination tools. The College invests in books which carry CDs/ DVDs which enrich academic pursuits. Intercollegiate competitions using PowerPoint Presentations and other computer-based applications are conducted to enrich the experiences of learners. Photography competitions also help to showcase the talent of the students and promote the use of technology.

## **Financial aid to students**

Financial aid to students is available, through Government Scholarships, Freeships, and any other scholarship/ financial aid permitted by the University, or from awards scholarships instituted by the College.

- ❖ Government Scholarships amount –Rs 1449891
- ❖ Freeship amount –Rs. 1175215
- ❖ Cash Awards by College-



## Activities & support from Alumni :

- ❖ 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 and hence improvise the teaching learning to meet market demands and global standards.

## Activities & support from parent teacher association:

- ❖ PTA was managed at each department level for academic enhancement of performance at the forthcoming University Examinations. Parents were also guided about academic possibilities and job opportunities for their wards.

## Health Services

- ❖ A Holistic health centre is available on campus for all staff and students.

## Performance in sport:

- ❖ **Chess:** Degree College Boys participated in Chess Tournament organized by Mumbai University at M.L.D.C. College. Our team secured 10th place out of 113 Colleges.
- ❖ **Badminton:** Degree Boys participated in inter-collegiate Badminton Tournament at University sports pavilion Marine Lines. We reached up to 2nd round.
- ❖ **Table Tennis:** Degree Boys participated in inter-collegiate Table Tennis Tournament at University sports pavilion Marine Lines. We reached up to quarter finals.
- ❖ **Cross Country Races:** (Men/Women) In the Intercollegiate Cross Country Race our runner Yadav Harishankar (T.Y.B.A) secured 10th place and other runner Netra Parab secured 21st place.

## NCC Sports Participation

Cadets got an opportunity to meet Shri. Sharad Pawar and the winners of “Common Wealth Games”. Our College arranged Inter N.C.C. Volley Ball Tournament, where Bhavan’s College won the College Trophy. The Cadets who won College awards for their outstanding achievements are S.U.O. Rishikesh Rane, who was awarded the Overall Best Cadet, J.U.O. Parag Mahadik for Scuba Diving, J.U.O. Prasanna Mohite for Word of Command, C.Q.M.S. Ganesh Devershi[3rd] for Drill, C.Q.M.S. Bhavesh Nivalkar for Volley Ball, Sgt. Ajit Shinde for Turn Out, Sudarshan Dakhinkar [1st Year] for Drill and Akshay Kadam for Cross-Country.



## AQAR: 2010-2011

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- ❖ **Football:** Inter-collegiate Football Tournament was organized by Mumbai University, our team reached semi-finals by winning consecutively 8 matches.
- ❖ **Kabaddi:** Kabaddi Tournament organized by Mumbai University our Boys team participated in this tournament held at D.A.V. College, Bhandup.
- ❖ **Softball:** Inter-collegiate Softball Tournament organized by Mumbai University our Boys team participated in this tournament.
- ❖ **Cricket:** Inter-collegiate Cricket Tournament organized by Mumbai University our Boys team reached upto pre-quarter finals.
- ❖ **Boxing:** Inter-collegiate Boxing Tournament organized by Mumbai University Mr. Yogesh Patil reached quarter finals.
- ❖ **Volley Ball:** Inter-collegiate Volleyball Tournament organized by Mumbai University our Boys reached up to pre-quarter finals

### Medals and prizes

- ❖ Aniket Tipnis won the gold medal at the National Karate-Do Tournament
- ❖ Neha Naringrekar 3rd rank All India Inter-University Tennis
- ❖ Dhiksha Shetty Bronze Medal Karate
- ❖ The Non-Teaching Cricket Team winners of the Inter-collegiate Non Teaching Cricket Tournament at Khandwala College Malad

### Incentive to Sports Persons:

- ❖ Students who represent the College in various sports are unable to attend classes regularly due to the demands of their training schedule and competitions. The teachers provide them extra guidance in their studies whenever required.
- ❖ The College organizes training programmes with the help of the Gymkhana in-charge and its staff members for deserving sportspersons. It also distributes Kits and equipment if possible to students. The Gymkhana annually gives away cash prizes and awards to deserving sports men.

Events of participation	Details of participation		Positions held
	Number of participants	Positions held	
Volley ball	12 (Boys)	University level	Pre Quarter Finals
Cricket	18 (Boys)	University level	Pre Quarter Finals
Boxing	03	University level	Quarter Finals
Table tennis	05	University level	--
Tennis	01	University level	Bronze medal
Karate	01 (Boys)	National level	Gold medal



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Karate	01 (Girls)	University level	Bronze medal
Football	19 (Boys)	University level	Semi finals
Chess	04	University level	-
Softball	14	University level	-
Kabaddi	12	University level	-
Badminton	06	University level	-

### Students' achievements & Award:

- ❖ In the Munshi Memorial intercollegiate essay-writing competition, Apoorva Lad of Bhavan's College got the second prize. The third prize was shared between Darshan Baburajan from Bhavan's College and Vipula Solanki of Smt. M. M. P. Shah Women's College. As a team Apoorva Lad and Darshan Baburajan were awarded the Munshi Memorial Trophy for essay-writing. The College is overjoyed by the fact that both the trophies in elocution and essay-writing have been retained by it.

2010-11	Light Vocal	Mumbai University Youth Festival	1st
	Group Song	Adarsh Shinde at Inter-University Zonals at Gwalior	2nd
	Western Group Song	Adarsh Shinde at Inter-University Nationals at Tirupathy, A.P.	1st

### Activities of the Guidance and Counseling unit

Most faculty members double-up as mentors. Students are encouraged to approach their teachers with their academic as well as personal difficulties.

- ❖ Adoption Scheme: A scheme is practiced in which a group of about 20/30 students is 'adopted' by a teacher. Periodically, the teacher reviews the performance of the students under his/her charge. During informal interactions with the teacher, these students can discuss their academic as well as other challenges if any. Teachers make efforts to develop a bonding between the students and themselves to create an ambience of "Care and Share." The teachers also help the students to understand their problems, suggest solutions whenever possible and talk to the parents of the students if required.
- ❖ There is a Special Cell in the College which comprises teachers from SC/ST categories to safeguard the interests of students belonging to the reserved categories. Each teacher from the special cell is assigned a group of 20 students belonging to the reserved category. This group also functions (as mentioned above) in the adoption scheme.



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**Placement services provided to students**

**Development programmes for non-teaching staff:** Nil

**Good practices of the institution**

- ❖ Research Monitoring Committee.
- ❖ Avishkar Committee
- ❖ Bhavan's Apna Parivar- Campus magazine

**Bhavan's Research Centre (BRC): NABL accredited Laboratory**

In keeping with the core values set forth by NAAC, namely contributing to national development and fostering global competencies, promoting use of technology and quest for excellence, BRC, an extension of Department of Microbiology has been established by the management in 2005, providing additional space and seed money to set up the laboratory and to purchase hi-tech scientific equipment. It is a centre in which research meets entrepreneurship to serve the needs of students, staff, industry and society at large. This innovative venture, partnered by the Department of Microbiology of the College and Centre for Entrepreneurship of SPJIMR focuses on research and consultancy services to the industry. The knowledge thus gained is applied to impact society with focus on areas like Environmental Microbiology, Food microbiology and Hygiene. It is no small achievement, within a couple of years of its inception, the BRC laboratory has been accredited by NABL.

**Linkages developed with National/ International, academic/research bodies: Nil**

**Outcomes Achieved**

- ❖ The College has established ***BCUSPS (Bhavan's College Unit for Special Privileges to Students)*** to provide information, assistance and guidance for clearing competitive examinations. This center is managed with the grant received from UGC under the XI plan details of plan are as mentioned in 2009-10 report. Though the grant is mainly sanctioned for offering these privileges to reserved category students it was decided this year to make available the facility for general students for nominal fees.

**Any other relevant information the institution wishes to add.**

- ❖ College website is active and functioning since 2004 and the entire website has been reconstructed in October 2011. The URL of College website is [www.bhavans.ac.in](http://www.bhavans.ac.in). The website contains information on programs, admission process, prospectus, departments, infrastructure, 'Infomate', College Annual magazine, facility for providing feedback and many other details which can be easily accessible to students, staff and other stake holders.



**SECTION C**

**Outcomes Achieved**

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**SECTION D**

**Plans for HEI for the next Academic Year.**

- ❖ To implement the Semester Based Credit and Grading System at the first year for all faculties in the Aided Programmes
- ❖ To make adequate additions with reference books and Text books for the new/ revised Syllabi in all courses.
- ❖ To improve campus placement for students from all faculties.
- ❖ To try and establish linkages with Industries.

*Sd/-*

***Dr. (Mrs.) Asha J. Rao***

*Name & Signature of the Director/Coordinator*

*Sd/-*

***Dr. (Mrs.) V.I.Katchi***

*Name & Signature of the IQAC Chairperson*

