

AQAR: 2004-2005



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) 2004 - 2005

BHAVAN'S COLLEGE

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

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MUNSHI NAGAR, ANDHERI (W), MUMBAI 400 058

Annual Quality Assurance Report

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SECTION A:

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

- ❖ To explore the possibility of initiating new academic programmes, preferably with Interdisciplinary Approach.
- ❖ To encourage staff members to keep themselves abreast with developments in the modern trends in their respective subjects.
- ❖ The use of Innovative Teaching Methods beyond the confines of the classroom.
- ❖ To improve the research work to a level where patents can be acquired.
- ❖ To encourage students to participate in co-curricular and extracurricular activities
- ❖ To initiate a research for Microbiology department.

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 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 (UG and PG)

- ❖ Value Add on course in Molecular Microbiology was initiated by the College.
- ❖ Advanced Diploma in Vocational Biotechnology was initiated for students who have completed their Certificate and Diploma courses in Vocational Biotechnology.

Innovations in curricular design and transaction

Responsible positions on various University Committees are held by members of the teaching staff which enable them to contribute in the teaching learning process.

- ❖ Our Principal, Dr. Indu Kulkarni was a member of Board of Studies in English and syllabus committee in B.A. English.
- ❖ Dr. V. I. Katchi is a member of Board of Studies (BOS) in Zoology.
- ❖ Dr. P. A. Johnson from the Department of Economics was member of the Board of Studies.
- ❖ Dr. Mangala Purandare from the Department of History is also a member of Board of Studies.
- ❖ Dr. P. D. Anthappan from the Department of Microbiology has been appointed by BOS on syllabus revision Committee for M.Sc. Part I and Part II. She has also been co-opted as members of Executive Committee of the Mumbai chapter of the Association of Food.



- ❖ Prof. M. G. Bhatia from the Department of Physics has been a member of Board of Studies in Physics and has served in the syllabus committee for M.Sc. Part I and M.Sc. Part II in Physics.
- ❖ Prof. B. B. Joshi from Department of Philosophy is a member of BOS.

Inter-disciplinary programmes started

- ❖ The Department of Biotechnology which the College introduced in 2002-03 is being taught by faculty of Botany and Zoology, in addition to staff members of the Biotechnology Department.
- ❖ The departments of Microbiology and English organized a two day workshop on “Proposal and Project Writing” for students of Bhavan’s College. The main aim was to put forth the effective use of English language for writing of scientific proposals.

Examination reforms implemented

Coding system for question papers at the F. Y.B.A. / B.Sc. / B. Com. & S. Y. B.A. / B.Sc. / B. Com. Levels was introduced to maintain confidentiality.

Candidates qualified: NET/SLET/GATE etc. Nil

Initiative towards faculty development programme

The teaching staff members attend seminars and workshops regularly either as resource persons or as participants to share and update their knowledge.

Teachers as Participants:

Participation in Workshops

- ❖ Dr. M. S. Chemburkar and Dr. K. S. Dassharma participated in a “National workshop on medicinal Plants” held at M.S. University, Baroda.
- ❖ Dr. A. S. Mestry attended workshops on Biostatistics and Medicina
- ❖ All the faculty members of the department of Zoology participated in a one day workshop for revised syllabus of T.Y.B.Sc. Zoology, Dr. V. I. Katchi was the resource person for the same.



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- ❖ Prof Nitin Labhane attended a three day workshop in “Identification of Medicinal Plants” organized by Uttan Van Aushadhi Sanshodhan Sanstha, Thane.
- ❖ Prof S Tajane participated in State Level Seminar Cum Workshop on “Micro scale Technique in Inorganic Chemistry” organized by Karamaveer Bhaurao Patil College, Vashi.
- ❖ Dr. S. Shrivastava along with PG students of Microbiology attended a workshop on “Statistics for Biological Sciences” organized by Department of Statistics, Bhavan’s College.
- ❖ Prof. Shilpali Redkar attended a workshop on “Medical Mycology”.
- ❖ Prof. R. J. Prajapati, Prof. D. Kendre and Prof. S. G. Gaurkhede attended a workshop on Cosmology at Ruia College and computational Physics at Vivekananda College.
- ❖ Prof. S. M. Bhatia, Prof. A. R. Pawar and Prof. K. M. Mude attended a workshop “at Mithibai College.
- ❖ Prof. M. G. Bhatia, Prof. T. S. Ashtamoorthy and Dr. R. M. Desai attended a workshop on “Physics of Music” at R. D. National College.

- ❖ Prof. K. M. Mude and Prof. S. J. Dongardive attended a two day workshop on “Effective Teaching in Higher Education” Conducted by University, Department
- ❖ Dr. M. M. Khanna along with S.Y.B.Sc. students attended a workshop on Bio-informatics at R. D. National College.
- ❖ Prof S Mandpe and Prof A Calangutkar participated in a one day workshop on Contemporary History at CHM College, Ulhasnagar. They also attended a three day workshop on Appreciation of Cinema held at SNTD College, Ghatkopar.
- ❖ Prof. Neha Sawant and Prof. Prajakta Shitre attended workshop at Kanheri Caves. Prof. Neha Sawant along with F.Y.B.A. students attended a workshop on the famous Marathi author Smt. Durga Bhagwat.
- ❖ Prof. P. G. Patki participated in the workshop of “Service Conditions of Teachers” organized by Association of Non-Government Colleges, Mumbai at University of Mumbai.



Conferences/ seminars Attended

- ❖ Prof. Nitin labhane attended a National Seminar on “Biotechnological approaches towards the Integrated Management of Crop Diseases” held at Ambedkar Marathwada University. Prof. A. D. Patil and Prof. U. M. Yadav attended a National Level Symposium on “Green Chemistry” organized by Royal College, Mira Road.
- ❖ Prof. Sarita Mandpe and Prof. Archana Calangutkar attended a Two day National Level Seminar on Art and Architecture held at LJNJ Mahavidyalay
- ❖ Prof. Gita Mohandas attended a State Level Seminar on “The New Manmohanomics – a Strategy for Development and Governance” held at Raheja College.
- ❖ Prof. Nirmala Pawar attended the National Level Seminar on “New Growth Strategies for India” held at Nagindas Khandwala College. She also attended another seminar on “GATS – Impact on India” at Brihan Maharashtra College, Pune.
- ❖ Prof. P. G. Patki, Prof. A. M. Dhote and Prof. G. M. Nibrad attended a one day multi disciplinary seminar on “Statistics – A Bridge to Success” organized by K. C. College.

- ❖ Prof. Rumina Rai – faculty of BMM, attended a seminar on Microsoft. Net organized by Academia '04 at Taj lands end.

Papers Presented

- ❖ Prof. Vishal Kamble presented ‘Research Papers on
 - “Biochemical Analysis of Some Liquicolour Fungi”
 - “Study of inorganic constituents in Basidiocorps of some wood deteriorating Fungi.At a seminar on Botany and Industry held at Shivaji Universtiy, Kolhapur.
 - He also presented a paper at “National Seminar on Biotechnical Approaches towards Integrated Management of Crop Diseases.
- ❖ Prof. Sharad Tajane attended a one day seminar on “HPLC – Practical Approaches” organized by Bombay College of Pharmacy.
 - He presented paper on “First inner transition metal ion” held at University of Delhi organized by Indian Chemical Society.



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- ❖ Dr. Pravin Shingare presented three Research Papers at the conference:
 - on Developments in Electron Beam and Radiation Technology” organized by NAARI held at BARC.
 - on “Nuclear Technology and Social Needs” organized by BARC & INS.
 - at Seventh Bieniel DAE BRNS, Symposium on Nuclear and Radiochemistry (NUCAR) at Guru Nanak Dev University, Amritsar.

- ❖ Prof. R. C. Patil presented a poster on “Formulation of Potent disinfectant for the elimination of disinfectant resistance Pseudomonas aeruginosa from hospitals and laboratories using traditional substances as additives at 45th AMI Conference at Karnala.

- ❖ Prof. S. M. Mane attended a National Seminar on “Biotechnological Approaches towards Integrated Management of Crop Diseases” organized by Dr. Baba Saheb Ambedkar Marathwada University.

- ❖ Dr. V.I. Katchi and Dr. A.J. Rao presented posters at the International Conference on “Chemistry-Biology Interface – Synergistic New Frontiers” organized by Delhi University in which Prof. S. M. Mane participated. The topic of presentation of posters was :
 - “Antimicrobial and Hemolytic effect of extracts from the Marine sponge, *Halichondria panicea* and “Screening of plant extracts as inhibitor of acne/pimples overcoming antimicrobial resistance of *Propionibacterium acnes*.

- ❖ Dr. Mangala Purandare presented the following papers:
 - Business Communities and freedom movement at a seminar conducted by Nanawati Women’s College, Vile Parle.
 - Havelies and Pichhvai Art at a National Level UGC sponsored seminar.
 - “Folklore & History” at a National seminar at Alapuzha (Kerala).
 - Industrialists and Freedom Movement at a National Level Seminar Organized by Institute of Historical Studies.



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- ❖ Dr. Pallavi Modi presented a paper “Innovative Financial Products” at a State Level Seminar on “India – the Global Brand organized by H. R. College.
- ❖ Prof. Gita Mohandas presented a paper ‘Economic and Financial Perspectives on Growth Strategies – Modern Banks” at the National Seminar on “New Growth Strategies for India” at Nagindas Khandwala College.
- ❖ An exhibition in Copy writing was held by the T.Y.B.M. M.students.

Field Visits

- ❖ Visits to the Labour Court, Baroda, to Johnson and Johnson factory, Mulund and to Chitralkha Publications were organized for the benefit of B.M.S. students.
- ❖ Field visits to Sinhagad Fort and archaeological site around Pune were conducted for the benefit of students. The T.Y.B.A. students were taken to Mani Bhavan, and to Numismatic Museum at RBI, the Asiatic Society and Prince of Wales Museum were organized by the History Department

Teachers as Resource Persons:

- ❖ Prof. Vishal Kamble was invited by K.B.P College, Pandharpur as a Resource Person at the Conference on “Molecular Biology and Plant-Biotechnology 2005.”
- ❖ Dr. P. A. Johnson addressed the participants of the workshop “Global Trade and Finance” organized by MMK College.
- ❖ Prof. J. V. Moghe was a Resource Person for a two day Workshop organized by Department of Microbiology and English, Bhavan’s College on “Proposal and Project Writing”.
- ❖ Dr. P. D. Anthappan was invited as a Resource Person to enlighten faculty and students on “Current Trends and Scope of Biotechnology” at Rai university.
- ❖ Prof. M. G. Bhatia was invited as a Resource Person for the two day workshop for teachers of Computer Science at Jhunjhunwala College, Ghatkopar
 - He was also a Resource Person at a one day workshop-cum seminar for teachers of Information Technology. He spoke on “Mobile Computing and Wireless Networks.”



- ❖ The Staff of Department of Statistics, Bhavan's College were Resource Persons for the workshop on "Statistics for Biological Sciences."
- ❖ Dr. V. I. Katchi was invited to deliver a lecture on Biotechnology in the mining industry during in-service training for teacher in Chemistry, organized by Junior College of Bhavan's College.
- ❖ Dr. P. K. Pandya delivered a talk on "Birds" at Bhavan's Cultural Centre.
 - He was also a Resource Person for 'Educational Frames in Environmental Sciences' to be developed into books for Schools and Colleges.
- ❖ Dr. V. I. Katchi was a Resource person for the one day workshop for the Department of Zoology on revised syllabus of T.Y.B.Sc. Zoology.
- ❖ Dr. V. I. Katchi was recognized by University of Mumbai to guide students for a Ph. D. Degree in Zoology.

Teachers currently pursuing / completed Ph.D./ Training Programmes/ Recognition as Ph.D. Guides

- ❖ Dr. Pallavi Modi was conferred Ph. D. Degree by the University of Mumbai for her thesis "Examining the structural changes in equity markets that E-Commerce promises with special reference to India"
- ❖ Dr. Maya Chemburkar was recognized as a guide for Ph.D. students in Botany by University of Mumbai.
- ❖ Dr. V. I. Katchi and Dr. A. J. Patel attended an International Training Programme in Aquatic Microbiology held at CIFE.
- ❖ Prof.Geeta Shetty (Commerce) and Prof.Saroj Patankar (Marathi) were awarded fellowship for pursuing Ph.D. program by U.G.C.

Teachers participated in Refresher and Orientation Course

Dr. Mala Khanna and Prof. S. P. Jumale successfully completed a Refresher Course in Biosciences at Ruia College.



Publications:

- ❖ Dr. Kakoli Dassharma published a paper titled “Effect of *Thespesia populnea*, solan seed extract on okra leaves in the journal of Agribios
- ❖ Dr. Z. P. Bhathena published a paper “Screening of ecosystems for antibiotic producers and optimization of its production parameters” in Eco.Env.And Cons. 10(3): 2004

Total number of seminars/workshops conducted

The College has many Associations which are usually related to the subjects offered by the College. These Associations conduct seminars, workshops and other activities on a regular basis to encourage students in particular and staff in general. These associations also try to inculcate leadership qualities, team spirit, thus exposing them to organizational skills.

❖ Department of English

- Annual Feminism Exhibition was organized for which Mrs. Meera Borwankar, Chief of Crime Branch, Mumbai was invited. She addressed the students on “Youth and Crime”
- In collaboration with Microbiology Department of Bhavan’s College, a two day workshop on “Proposal and Project Writing” was organized for M.Sc. Part I students.

❖ Department of Hindi

Dr. Mrs. Mithilesh Sharma of Ramniranjan Jhunjunwala College, Ghatkopar spoke on “Prayojan Moolak Hindi” during the occasion of inauguration of Hindi Sangh.

❖ Department of History

- A one day workshop on “Cave Architecture at Kanehri Caves was organized. Prof. Suraj Pandit, an eminent research scholar enlightened the students by presentation which included small exercises to arouse curiosity about art history.



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- The History Association organized talks by Prof. Kokila Joshi, HOD, History Department, Jhunjunwala College who spoke on “Oral History” and Mr. Pramod Kamble spoke on “Job Opportunities in Police Department”.
- ❖ Department of Marathi

The Marathi Wangmaya Mandal organized a lecture of the famous Marathi story writer, Shri Shrikant Kulkarni who spoke about his stories. Programme based on the poems and songs of the famous Marathi poet, Shri Kusumagraj – “Kusumagraj – Kavya Darshan” in which the famous Journalist and author Smt. Madhvanti Sapre and Singer Smt. Anjali Patil spoke.
- ❖ Department of Mathematics

In collaboration with the Bombay Mathematical Colloquium the Department of Mathematics organized a workshop on “New Topics “in syllabus of T.Y.B.A. /B.Sc. Mathematics.

The Mathematics Association started a wall magazine “Mathamagic” to encourage students to participate in Mathematical activities. It also organized Mathematics Talent Search.
- ❖ Department of Commerce

The Bhavan’s Chamber of Commerce organized a talk on Career Counseling by Mr. Viraj Patel. It also organized poster-making, elocution, quiz and dance competition.
- ❖ Department of Philosophy and Psychology

The Philosophy and Psychology association conducts workshops and seminars on vocational guidance. Two workshops were organized for Microbiology and Jr. College students on “Setting goals, self awareness, time management and stress management”. The Dept conducted a chat show on “The Use and Misuse of Mobiles in Colleges”.
- ❖ The Political Science Association celebrated the Human Rights Day by organizing a debate on “Violation of Human Rights and the Role of Police in the Protection of Human Rights”.



❖ Department of Statistics

- A workshop on “Statistics for Biological Sciences’ was organized on the appropriate and accurate use of statistical techniques in the field of Biological Sciences.
- Activities of Statistics Study circle were inaugurated by Shri. Sunil S. Shirvaikar, Director –Quality and Business Research, ORG-IMS Research Pvt. Ltd. He addressed the gathering on the occasion and spoke about “Role and Applications of Statistics’
- A survey to create awareness about Statistics as an independent subject was conducted among the students of S.Y.J.C. class of our College. The survey also dwelt upon the career opportunities after majoring with Statistics at the B.Sc. Degree.

❖ Department of Zoology

Coenozoo, the association that functions under the Department of Zoology organized a talk by Dr. Paratkar, Principal, Vaze Kelkar College on “Use of Taxonomy and other aspects of traditional science and their importance in the developing areas of Biological Sciences like Biotechnology.

Dr. P.K. Pandya conducted three courses for teachers and general public on

- i) Basic Course in Biodiversity and Environmental Sciences”
- ii) Basic Course in Outdoor Skills
- iii) Basic of Gardening

He also conducted a Session on “Birds of India” of Cathay Pacific International Wilderness Experience Programme.

❖ Department of Microbiology

Dr. Zarine Bhathena organized a two day inter-collegiate workshop on project writing for studies.

Prof. R. C. Patil and Dr. P. D. Anthappan organized a workshop on “Basic Microbiological Techniques” for industry participants of Sorbe Biotechnology India.



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Research projects

Ongoing		Completed	
Staff	Students	Staff	Students
05	09	09	05

Patents generated, if any: Nil

New collaborative research programmes

The Bhavan's Research Centre (BRC) was initiated with the help of Management, Principal, Faculty and Alumni and entrepreneurship programme to provide market service of educational aids and cultures. The objectives of BRC, is to enhance academic research and education and focus on strengthening industry-academia interactions particularly in the core area of food, environment and hygiene.

Research grants received from various agencies

Name	Department	Amount	Agency	Title
Dr. Usha Parmeshwaran	Botany	30,000/-	University of Mumbai	Study of Mycoflora of Bhavan's Colleges Campus
Pranjali Dalvi (student of Dr. P. D. Anthappan)	Microbiology	25,000/-	Rossari Biotech	Research Project
Prof. R.C. Patil	Microbiology	59,000/-	UGC Research Grant	Screening of whole plant extracts as an enhancer of the antimicrobial activity of antibiotics on Gram



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				positive and gram negative bacteria
Prof. M. G. Bhatia	Physics	25,000/-	University of Mumbai	IPC Microcontroller based Temperature Control System
Dr. Mangala Purandare and Professor Sarita Mandpe	History	Rs. 20,000/-	University of Mumbai	“The Jain Temples and the Intra City Migration of the Jain Community in Mumbai.

Details of research scholars

- Dr. Pallavi Mody was awarded Ph.D. in Economics by University of Mumbai
- Prof. Prajakta Shitre was awarded M.Phil
- Dr. Maya Chemburkar of Botany Department was recognized to guide students for a Ph.D. Degree.
- Dr. V. I. Katchi was recognized to guide students for Ph. D Degree in Zoology.
- Prof. Saroj Patankar of Marathi Department was granted leave under FIP programme to complete her Ph.D.
- Under Dr. Zarine Bhathena’s guidance, Ms. Soumya Iyer was awarded M.Sc. Degree (by Research)

Citation index of faculty members and impact factor

- ❖ P.U. Singare : Radio isotopic tracer technique for characterization of Duolite A-116, Indion -830 (Type-1), and Indion N-IP (Type-2) strongly basic anion exchange resins Proceedings of Nuclear and Radiochemistry Symposium (NUCAR), by Board of Research in Nuclear Sciences, Department of Atomic Energy, Guru Nanak Dev University, Amritsar, March (2005)
- ❖ P.U. Singare Application of Non destructive technique to study ion-isotopic self diffusion reaction kinetics in Indion FF-IP and Duolite A-162 ion



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exchange resins Proceedings of Nuclear and Radiochemistry Symposium (NUCAR), by Board of Research in Nuclear Sciences, Department of Atomic Energy, Guru Nanak Dev University, Amritsar, March (2005)

Honors/Awards to the faculty: National and International

National

- i) Award of Excellence in the field of Education by Rotary Club for the year 2014 , was awarded to Prin.Dr.(Mrs.)V.I.Katchi.
- ii) Prof. Prajakta Shitre was awarded “Deenmitrakar Shri Mukundrao Patil Sahitya Puraskar” for her M. Phil Desertation.
- iii) Dr. Pravin Singare was awarded the life membership of Indian Nuclear Society, BARC, Mumbai.
- iv) Prof. R. C. Patil won the best Poster award in the ecology category at the 45th AMI Conference for “Formulation of a Potent Disinfectant for the elimination of disinfectant resistant *Pseudomonas aeruginosa*” from hospitals and laboratories using traditional substances as additives.

Internal resources generated: Nil

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

Community services

- ❖ The NSS Unit adopted a village in Dahanu which was having many adivasi children suffering from malnutrition. Funds and other materials requirements were distributed to the needy.
- ❖ NSS volunteers participated in “Peace and Harmony” organized by Mumbai Sarvodaya Mandal.
- ❖ Flags on Independence Day and Rakhis on Raksha Bandan were sold and the funds were donated for the welfare of mentally handicapped children.
- ❖ Vanmahotsav, a tree plantation programme to create awareness among the youth was organized. The event was marked by planting saplings in the Campus by students and staff.



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- ❖ During Ganesh festival, students helped the Mumbai Police in controlling mobs.
- ❖ Seventy four units of blood were donated by the students from volunteers to M.G.M. Blood Bank.
- ❖ Awareness of HIV/AIDS was created by organizing poster exhibitions, street plays and rallies.
- ❖ A special rural camp was held at Vangaon to awaken an understanding of village life among the students and to help them develop an attitude of hard work, dignity of labour, cleanliness and co-operation. At the camp there was positive response from the students to current social issues like environment, unemployment, women's liberation, educational reforms, communal harmony, national integration and personality development. The campers undertook shram dan at Vangaon market as well as in the village of Kompada and Holpada. All these activities were conducted under the leadership of Shri H. L. Narayanrao who was appreciated by the Pahchayat Samiti of Vangaon. The Panchayat Samiti requested the Programme Officer to hold a camp again the following year.
- ❖ Miss Kharat from the department of Information Technology and Kulbhushan Yadav from the department of B.M.M. collected Rs. 40,000/- which was handed to the affected people of Tsunami through proper channel to the higher authorities. Clothes and other relief items collected by the NCC Cadets and student volunteers were personally handed over to the needy by Miss Kharat.
- ❖ The NCC cadets welcomed the Ex-Defense Minister, Mr. George Fernandes who shared his thoughts on the topic of 'The Role of Women and Youth in Nation Building'.

Teachers and officers newly recruited

Mr. S. P. Thosar was appointed as Registrar of the College

- ❖ Mr. Ramesh Paloti was appointed as the Librarian of the College
- ❖ Prof. Rutuja Holkar was appointed as the lecturer in Political Science.

Mr. Kushal Mude (Physics) Mr. Ashok Patange and Mr. Pravin Singare (Chemistry) Mr. Vishal Kamble (Botany) was appointed as Lecturers.

10 teachers were appointed on clock hour basis against vacancies.



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Teaching – Non-teaching staff ratio: 1: 1.5

Improvements in the library services

- ❖ Two day exhibition cum sale of books was organized. Many reputed book sellers and distributors participated in the event. Many Departments selected a large number of books for the library and students from the College as well as College also purchased books.
- ❖ An orientation lecture on library science was conducted for the students by the Librarian in which he explained about library collection, acquisition of books, cataloging, classification, reference, OPAC (Online Public Access Catalogue).
- ❖ National and International Journals were subscribed by the Library to provide information on the latest developments in various subjects.

New books/journals subscribed and their value

- ❖ 1,968 books were added worth Rs.4 ,87,633/- (including CD-ROMs).

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

- ❖ Feedback forms have been designed at departmental level considering the faculty members teaching at various levels.
- ❖ Student Assessment of teachers was conducted by collecting feedback forms at the departmental level.
- ❖ The written suggestions regarding improvements in teaching-learning received from the students through the feedback forms were considered.

Unit cost of education Rs 17162

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

- ❖ Staff of the College formulated a programme in FOX PRO for streamlining the Internal Admission Process.
- ❖ The examination results and printing of marksheets was outsourced.



- ❖ The Accounts Department computerized the Salary statement and the practice of issuing computerized monthly salary slips to the staff was introduced.
- ❖ The Library was partially computerized with the Bar-coding systems was introduced.

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. Repair work was carried out for the Library Building, Main Building and the Chemistry Building. Total amount spent was Rs. 203528.00

Technology up gradation

The College has spent a total amount of Rs 725000/= on maintenance of ICT, equipments and annual maintenance contracts.

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

- ❖ Internet facility was additionally made available to the department of Physics and Microbiology in addition to the Computer Science department.

Financial aid to students

- ❖ Financial aid to students is given in the form of freeships and scholarships from Social Welfare Schemes and cash awards offered and from retired staff alumni and philanthropist.

Activities and support from the Alumni Association

- ❖ The Alumni Associations are at the departmental level and the activities are usually informal.

Activities and support from the Parent-Teacher Association

- ❖ Parent teacher association operates at the departmental level and meetings were held twice a year.
- ❖ To help interact with the parents during the meetings the students were formed into adoption groups, each group being handled by a teacher.



Health services

- ❖ On the Campus a medical centre operated by SPARC (Swami Prakashananda Ayurvedic Research Centre) is present. The Kartar Sigh Medical center run by Lions Club also offers First aid services

Performance in sports activities

- ❖ Three times consecutively NCC cadets of Bhavan's College have won the championship trophy for the basketball tournament and have made a remarkable record.
- ❖ Twenty two cadets attended the Annual Training Camp at NB Mehta College, Bordi, where our cadets won the volley ball tournament and also stood 2nd & 3rd in the 7 Km, Cross country race.
- ❖ NCC cadets won 25 medals in all during the Annual Sports Day.
- ❖ L/CPL Vinayak Tilkar won 11 medals and thus won the championship trophy for boys.

Incentives to outstanding sportspersons

Students unable to attend lectures /practicals/ tutorials due to practice and training camps organized by the gymkhana are given extra guidance in the academics by all teachers whenever required. The College provides sports kits and bags to the students representing the college and also declares cash awards to deserving students at the Annual Sports Prize distribution.

Student achievements and awards

- ❖ Our cadets did a commendable job at Pre Republic Day and Republic Day camps. CCPL Archana Balan and L/CPL Priyanka Suryanvashi managed to reach up to CAT-CI and JUO Altaf Khan made us proud by getting selected for **Republic Day Parade at New Delhi.**
- ❖ The ANO; SGT; & CPL attended twelve days camps at Tamil Nadu, Chinichini and Nagpur where they bagged the **1st prize** in Quiz competition at BLC Camp, **the best**



AQAR: 2004-2005

cadets award, silver medal in drill and firing, **Gold medal** in essay writing, **silver medal** for drawing competition, cross country race, **bronze medal** in firing, **2nd prize** for self cooking

- ❖ JUO Altaf Khan won the special achievement prize on **Republic Day Camp** return
- ❖ Sgt. Cheraag Billimoria was selected for AIDS awareness camp which was held at Delhi.
- ❖ Sagar Savarkar won the 2nd prize at the University Youth Festival.
- ❖ Sagar Savarkar was in the top ten for the 'Indian Idol' a national T.V. Channel singing competition.
- ❖ Students won the best actor at IPTA Competition and best actress at the INT competition.
- ❖ Kum. Divya Pillai, Student of T.Y.B.Sc. (Statistics) secured 2nd rank in the University Examination.
- ❖ Jayesh Sali won second prize in Mushaira titled Porus Singh.
- ❖ Yuvraj Pawar won third prize in the quiz competition at Cosmopolitan College.
- ❖ Our students won third prize in 'Fusion Dance' at Malhar and Umang Inter collegiate festival by St.Xavier's College.
- ❖ Eruch Gorwalla presented a Research Poster titled "Probiotics: some studies in relation to dairy foods and human health" at the 45th Annual Conference of Associations of Microbiologists of India.
- ❖ Pranjali Dalvi bagged the Dr. R. S. Rana Memorial Award at the national level for the best Research Poster titled "Development of a microbial consortium for textile bioprocessing" at the 45th Annual Conference of Associations of Microbiologists of India.

Activities of the Guidance and Counseling unit

- ❖ An informal guidance and counseling unit was operating headed by Prof. Kranti C. Gawali
- ❖ The adoption groups which were initiated for better interaction with students also looked into the aspect of guidance and counseling.



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)

Placement services provided to students

- ❖ Companies like WIPRO, INFOSYS, PATNI Computers and DATAMATICS provided placement to the students of B.Sc. (I.T.).

Development programmes for non-teaching staff

- ❖ Art of Living, a week long course was organized for the benefit of the non-teaching staff, conducted by Abhilash Vitlani, a disciple of Sri Sri Ravishankar.
- ❖ Bhavan's College non-teaching staff cricket team won 2nd prize in Intercollegiate competition during year 2004-05.
- ❖ A cooperative credit society is run by the College for the last 18 years for the benefit of all Bhavans College Employees on a no profit no loss basis. Members of the non teaching staff take the maximum benefit of the society by availing loans and interest against fixed and recurring deposits.

Good practices of the institution

- ❖ Use of mobile phones in classrooms and corridors was strictly prohibited.
- ❖ Dress code was introduced to maintain decency.
- ❖ The following staff members presented their project work completed during the year, to the College staff, at the year-end meeting with a view to inculcate a research culture in the College:
 - Dr. V. I. Katchi
 - Dr. Mangala Purandare
 - Dr. Zarine Bhathena
 - Dr. Asha J. Rao

Linkages developed with National/ International, academic/research bodies

- ❖ In collaboration with Scientific Institutes and industries, students of our College have attended summer training programmes and availed of the facilities to complete projects.

Action Taken Report on the AQAR of the previous year

- ❖ The Peer Team visited the College in February 2004, after which the IQAC was realigned according to the norms and conditions laid down by NAAC



Any other relevant information the institution wishes to add.

O2 Where life Begins A Cultural festival organized by the students of the College is in its early stages of inception. It was planned that in the coming years it would progress from an intra collegiate event to become an intercollegiate Festival.

SECTION C:

Outcomes achieved by the end of the year (attach separate sheet if required).

- 1) Two new programmes at the UG level have been initiated.
- 2) The number of staff members participating in seminars and workshops has increased 1.5 times.
- 3) The student so B.M.M., B.M.S. and B.Com have been taken to session's court for a live demonstration of the functioning of a court.
- 4) The students of Zoology were taken to Sanjay Gandhi national Park for a part of the Ecology Practicals
- 5) The students of Botany were taken around the Bhavan's Campus to study the Plant Biodiversity.
- 6) Though efforts were made, no patents could be obtained.
- 7) The participation of students in co-curricular and extracurricular activities increased. The number of students awarded prizes for various activities has increased 2 folds.

SECTION D:

Plans of the HEI for the next year

- ❖ To plan strategies to gear education to the international market in the wake of introduction of WTO.
- ❖ To plan strategies of RTI Act
- ❖ To introduce inter collegiate fest in line with Mood Indigo- IIT Mumbai, Malhar – St. Xavier's.
- ❖ Introduction of computerization of the library.
- ❖ To increase the awareness of the library and its functions.



AQAR: 2004-2005

- ❖ The year being in Diamond Jubilee Year of the establishment of the Bhavan's, every department has been asked to participate actively.
- ❖ Proposal for setting up Bhavan's Research Centre approved by Management.

Sd/-

Dr. (Mrs.) P.D.Anthappan

Name & Signature of the Director/Coordinator

Sd/-

Dr. (Mrs.) V.I.Katchi

Name & Signature of Chairperson



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