

Annual Quality Assurance Report

Internal Quality Assurance Cell

2005-06



Kelkar Education

Trust's,

Vinayak Ganesh Vaze College,

Mithagar Road, Mulund East,
Mumbai-400081

Annual Quality Assurance Report (2005-06)
Internal Quality Assurance Cell,
Vaze College, Mumbai

Preamble

1.0 Institutional Mission

10.0 Detail the plans of the institution for 2006-07

1.1 IQAC and its constitution

Part A

2.0 Pre instructional/ pre admission planning

2.1 Post Re-accreditation agenda and status:

Part B

3.0 Implementation of Peer Team Report as on 2005-06

3.1 New academic programmes initiated

3.2 Students' strength

3.3 Academic Results

3.4 Curricular Design and Transaction:

4.1 Faculty development programme:

4.2 Research

4.2.1 Review of Research

4.2.2 On-going Projects

4.2.3 Research Papers Presented and Published

4.2.4 Workshop/ seminars attended

4.2.5 Impact factor 2.017

4.2.6 Seminars/workshops organized

4.2.7 Refresher course/ Orientation programmes attended:

4.2.8 College with Potential for Excellence

5.1 Honors/Awards to the faculty:

6.1 Community services:

6.2 Teachers and officers newly recruited:

7.0 Library

7.1 Computerization of administration:

7.2 Addition to infrastructural facilities:

8.1 Parent-Teacher Association

8.3 Placement services

8.4 Scholarships

9.1 Linkages developed with National / International, academic /Research bodies

9.2 Land mark events

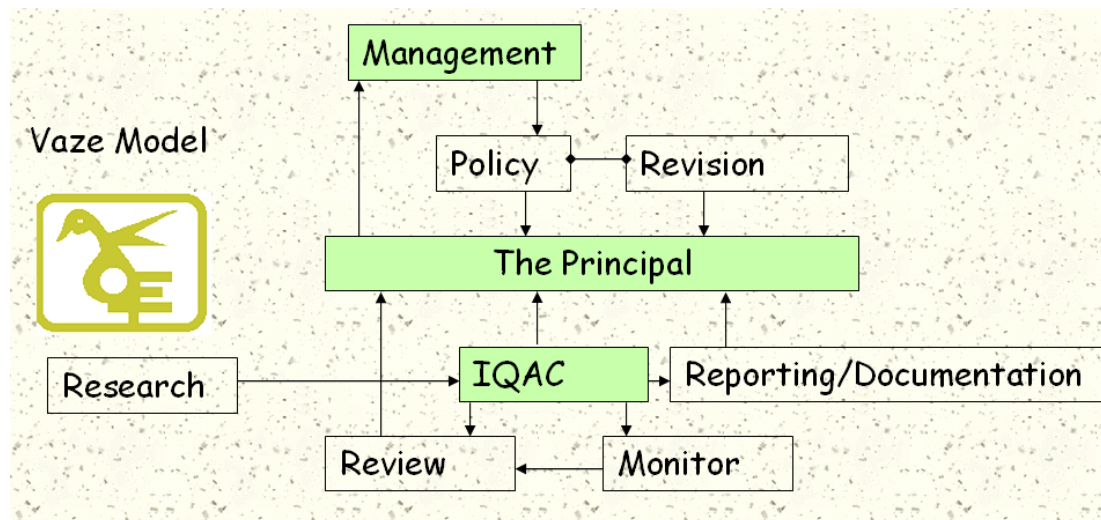
Part C

10.0 Proposed plan of the institution for 2006-07

1.0 Institutional Mission: ‘To contribute to the *sustainable development and improvement of society*, by educating youth to enable them to become highly qualified and mature men and women, able to *meet the needs of all facets of human activities*’

Goals: The broad goal of the college is to ensure all round excellence and efficiency in higher education. Apart from imparting in-depth knowledge, developing critical and analytical abilities, and social, cultural and aesthetic values in the students, the management is keen about the development of capabilities in students to enable them to relate the use of knowledge in real life situations.

1.1 IQAC and its constitution



The IQAC comprises the following members -

Prof. K. G. Bhole,
 Dr. CVS Rangasai - Coordinator,
 Dr. P. N. Pabrekar,
 Mr. Anil Naik,
 Mrs. N. P. Kulkarni,
 Mrs. Dr Susmita Dey,
 Mrs. M. D. Devasthale,
 Dr. B. B. Sharma,
 Mrs. Subhangi Bhave
 Dr. P. S. Parab,
 Dr. P. G. Karmarkar
 Mr. A. B. Chitnis.
 Dr(Mrs) Thatte
 Dr Vadana Panse

The members met periodically, sub-committees were formed for focused activities.

IQAC thanks Dr GT Paratkar, Principal and DR MR Kurup, Secretary, Kelkar Education trust for empowering the committee in all its activities. This is The Annual Quality Assurance Report of IQAC as adopted in its meeting held on 20th March 2006.

Part A

2.0 Pre instructional/ pre admission planning

The basic road map for the academic year was drawn from two documents viz. the Peer Team Report of Re accreditation and the College With Potential for Excellence. Accordingly the thrust areas were

- Implementation of recommendations of the Peer Team in their Report of Re accreditation
- The Road map drawn by the College in the implementation of CPE Project
- Together, the College Launched the PGDPCM, MSc biotechnology

2.1 Post Re-accreditation agenda and status:

The Master Plan as envisaged during Accreditation exercise, the following target areas for development.

1. Curricular Plan

To launch Postgraduate Diploma in Perfumery and Cosmetic Management (PGDPCM) Programme from the year 2005-06.

MSc Biotechnology, PhD Biotechnology, PhD Chemistry, BA Mass media, and Career-oriented courses approved by UGC in Stock Market Operations, and Management of Retail Business

2. Teaching-learning, Research and Consultancy

Adjunct Professors for other areas, larger collaborations with institutions/industry in India and abroad, Faculty student exchange programmes. And Complete the Project funded by UGC under College with Potential for Excellence scheme.

3. Infrastructure and learning facilities

To develop web/ ICT as teaching, communication, publications and out reach platform. Build sports complex/research facilities. Enhance financial support system to students.

4. Student support and progression

Induct senior students in pre-admission and induction process. Create Student Mentorship in the students' community. Develop Students News Bulletin. Develop Systems for Student Participation in Performance Audit. Establish Student Co-operative Society. Develop Corpus Fund for students for meeting emergencies.

5. Organization and management/ healthy practices

Create corpus fund of Rs 4 crores for development and welfare, Empower IQAC as Think Tank, Statute 612 and Autonomy.

Part B

3.0 Implementation of Peer Team Report as on 2005-06

1. Curricular Plan

Launched Postgraduate Diploma in Perfumery and Cosmetic Management (PGDPCM) Programme from the year 2005-06. and MSc Biotechnology,

2. Teaching-learning, Research and Consultancy

Larger collaborations with institutions/industry in India and abroad

Faculty student exchange programmes being perused with Singapore University

Complete the Project funded by UGC under College with Potential for Excellence scheme.

3. Infrastructure and learning facilities

Partly enabled Web/ ICT as teaching, communication, publications and out reach platforms. Enhance financial support system to students

4. Organization and management/ healthy practices

Create corpus fund of Rs 4 crores for development and welfare, Empower IQAC as Think Tank and respond as per Statute 612 and Autonomy.

3.1 New academic programmes initiated

- (UG and PG): Inter-disciplinary programmes started:
- During the year the College started MSc in Biotechnology and the Post Graduate Diploma in Perfumery and Cosmetics Management. PGDPCM is a programme designed with collaboration with ISIPCA, France, affiliated to the University of Mumbai and also qualifying for UGC X Plan grant under Innovative programme.
- MSc Biotechnology started during the year

3.2 Students' strength

Arts Faculty

	Men	Women	Total
First Year BA	33	186	219
Second Year BA	31	194	225
Third Year BA	26	191	217

Science Faculty

	Men	Women	Total
First Year BSc	72	108	180
Second Year BSc	41	55	96
Third Year BSc	54	83	137

Commerce faculty

	Men	Women	Total
First Year BCom	220	292	512
Second Year BCom	176	254	430
Third Year BCom	153	280	443

Self-financing Courses

	Men	Women	Total
BSc IT	65	74	139
BSc Biotechnology	28	84	112
BCom Accounting and Finance	60	86	146
BCom Banking and Insurance	50	100	150
Total	203	344	547

PG Students

	Men	Women	Total
MSc	31	37	68

Research Scholars (09)

Economics 03
Sciences 06

Aggregate student composition

	Men	Women	Total
Reserved categories	419 (39.6)	639 (60.39)	1058 (100)
Total	1051 (34)	2039 (66)	3090 (100)

(Figures in brackets indicate percentages)

3.3 Academic Results (June 05)

	I Class	II Class	Pass Class	Appeared	Pass % age
BA	38	117	25	185	97
BSc	60	83	02	187	81
BCom	170	123	21	392	75.8

At the degree college the passing percentages were
Commerce with 97% result had 170 First Classes. The college got TWO University ranks

Science with 81% result had 60 First classes. The college has TWO university ranks

Arts with 38 % 31 first classes and ONE University rank

3.4 Curricular Design and Transaction:

Among faculty, we have four Board of Studies members and one senate member. In addition we have representation in University faculty, examinations and NSS.

We have seven research guides, guiding students for PhD and MSc by research, in the subjects Botany, Zoology, Economics, Biotechnology and Chemistry.

4.1 Faculty development programme:

Under faculty development programme two faculty members were relieved to complete their doctorate; Mrs Sonali Pednekar, Mr Dinesh Kumar and Mrs Neelakshi Roy are presently under FIP.

4.2 Research

UGC funding received so far		
# IX Plan		Rs.10,72,000
# X Plan grant		Rs. 7,07,000
# College with Potential for Excellence		Rs.14,84,000
# Career oriented courses		Rs. 44,000
# Innovative programmes		
PGDPMC		Rs. 9,50,000
# Remedial coaching		Rs. 1,50,000
# UGC Network resource		Rs. 43,000
Research projects		
# Major projects:	DBT	Rs,10 lacs
	UGC	Rs.6.3 lacs
		(3projects)
# Minor projects: University		Rs.1.16 Lacs
# ICSSR :		Rs.0.26
# Industry sponsored:		Rs.10 Lacs
# Projects in process:		10

4.2.1 The college has completed a total of 12 research projects with funding of over 18 lakhs. The college received grants from UGC, DBT, University and ICSSR. There are research consulting projects sponsored by industry. Currently, 10 research projects are in progress.

Scientific Research center is currently working on a DBT project. Cosmetology and Testing laboratories is actively engaged in corporate consulting. The Center for Advanced Research in Natural and Synthetic chemistry is involved in collaboration with WHO. Dr Mrs Bhatt an adjunct Professor at the College presented paper at Karachi, Pakistan

4.2.2 On-going Projects

i) Principal Dr.G.T. Paratkar is conducting the following major research projects :

- Major research project entitled “Monitoring of trace element atmospheric pollution using mosses and lichens.” The sanctioning authority is Board of Research In Nuclear Science, since Jan 12, 2005.
- UGC project since Nov 2004 entitled “Antidiabetic activity of Momordica spp.”

ii) Mrs. M. A. Deodhar, of the Department of Botany, is working on a minor UGC project on ‘Cosmetic applications of different phytochemicals of Garcinia indica choice?’ in the years 2004-2005, 2005-2006. Amount sanctioned for the project is Rs. 1 lakh.

iii) Dr. Mrs. L. R. Thatte, of the Department of Economics, is conducting a Major UGC research project entitled ‘Competitiveness of small scale enterprises

clusters in India,' since 1st January 2005. The project will be completed on 31st December 2006 and the amount sanctioned for the project is Rs. 3,90,900.00

iv) Dr. G. G. Pusalkar of the Department of Chemistry has got a sanction of Rs. 30,000 from the University of Mumbai for a project titled, 'Structural investigation of some Lanthanide series metal complexes with N-phenylbenzohydroxamic acid.'

Research Proposals Submitted

Dr. Bhagyashree P. Hardikar of the Department of Zoology has submitted research proposals to the following organisations:

- CSIR for a research project on 'Evaluation of Secondary Metabolites of *Poecilocus pictus*, the Painted Grasshopper, as Antineoplastic Agents.'
- ICMR for a research project titled, 'Comparative Evaluation of Eytotoxicity of two species of *Calotropis*, *C. gigantea* and *C. provera*

4.2.3 Research Papers Presented and Published

Principal Dr.G.T.Paratkar

- "Distribution of Trace Elements in Moss Biomonitors Near Mumbai" by S. Chakraborty, S. K Jha, G T Paratkar and V D Puranik (2004). *Evansia* 21 (4) pp 180-188.
- "Use of Mosses and Lichens as biomonitors in the Study of air pollution in Mahabaleshwar" by S. Chakraborty, S. K Jha, G T Paratkar and V D Puranik (2005) *Evansia* 27 (1).
- Callus Cultures from *Momordica dioica* (Roxb) by Ms D S Bhosle and G T Paratkar in *Journal of Cell and Tissue Research* vol. 5 (2) -pp 431-434 (2005)

Dr. N. S. Kulkarni (Department of Zoology)

- A paper titled, 'Cost benefit analysis of Environmental Protection work done by a Voluntary organization,' was accepted for presentation at the International Conference at Seattle, Washington state, USA, in July 21-23,2005 organized United States Society of Ecological Economics.
- Co-authored a paper titled, 'Willingness to pay for Environmental Protection activity of a Voluntary Organization,' at the International Conference, at Washington state, USA, in July 21-23,2005.
- Her above papers are published in a CD produced by the USSEE,USA, in July 2005.

Mrs. M. A. Deodhar (Department of Botany)

- Presented the completion report of the project titled, 'Biotechnological approaches for Tissue Culture propagation and *Garcinia indica*.' The mile

stones were evaluated by the Task force of Department of Biotechnology, scheduled on the 3rd of August, at New Delhi.

- Paper entitled, 'Restoration of rooting competence in mature plant of *Garcinia indica*, through serial shoot tip grafting,' accepted by *Scientia Horticulture and International Journal of El Sevier* publication.
- Worked as a referee for a manuscript sent by *Acta Horticulture*.

Dr. Mrs. L. R. Thatte (Department of Economics)

- Presented a research paper 'Evaluation of Vocalization of Higher education in India : A sample survey of Alumni,' at an international conference organized by Centre for Research in Lifelong learning, a joint initiative by University of Stirling and Glasgow Caledonian University, during 24th-26th Jun, 2005, at Stirling, Scotland, UK.
- Her above paper is published in the conference proceedings published by Centre for Research in Lifelong learning, a joint initiative by University of Stirling and Glasgow Caledonian University, UK in June 2005.
- Presented and co-authored a paper 'Cost benefit analysis of Environmental Protection work done by a Voluntary organization, at a Biennial Conference organized by United States Society for Ecological Economics (USSEE), during 20th-23rd July, 2005 at Seattle, Washington state, USA.
- Her above paper is published in a CD produced by the USSEE, USA, in July 2005.
- Presented a research paper, 'Willingness to pay for ecological services provided by a Voluntary organization,' at a Biennial Conference organized by United States Society for Ecological Economics (USSEE), during 20th-23rd July, 2005 at Seattle, Washington state, USA.
- Her above paper is published in a CD produced by the USSEE, USA, in July 2005.

Dr. P. S. Parab (Department of Marathi)

- A paper entitled '*Bhasha niyojan*,' (Language Planning) published in the book *Samajbhashavidnyan* (ed.) (Socio-linguistics), 2005.

Dr. C. V. S. Rangasai (Department of Business Economics)

- Presented a paper on 'Research and Consultancy in Affiliated Colleges,' at the BMC college, Pune, on 18th February, at a state level seminar on Post Accreditation- Quality Initiatives.
- Presented a paper on 'Quality systems in Higher education,' at SNPT college, Juhu, on 27th April, 2005, at a state level seminar on Post accreditation issues.
- Presented a paper on 'ISO 9000 certificate for Educational institutions,' at Dada Patil Vidyalyaya, Karjat Ahmednagar, on 18th December, 2005, at a state level seminar on Quality Initiatives.
- Presented a paper on Re accreditation process and procedures National Seminar on Post Accreditation phases Kolahpur- Shivaji University and SUTA Jan 8th, 2006

- Presented a paper on Globalization an overview IIPM, Bandra, Mumbai 1st Feb 2006
- Presented a paper on Emotional Intelligence guest lecture at Srima Vidyalaya 8th Feb 2006
- Presented a paper on IQAC in operation Vaze College Model State level NAAC Seminar on IQAC Dada Patil Vidyalaya, Karad, member in a Panel discussion 18th Feb 2006

Dr. Preeta Nilesh (Department of History)

- Presentation on 'Empowerment of Women,' at an All India Conference of Kendriya Vidyalaya Teachers, at Kendriya Vidyalaya I, Colaba, Mumbai.
- Presentation done on 'Impressions of Malyalee Nari Migration in Mumbai : Aspirations, impressions, accomplishments,' at a National Conference organized by Institute of Historical Studies at Patkar college, Goregaon, Mumbai.
- Published a paper, 'Filling the gap: The voice of Kenpa? Sattianadhan,' in Mulund Plus, The Times of India, March 6th, 2005.
- Published 'John Wilson, the Reformist,' in Balaponi?, V. R. (ed.), Vision and Beyond... A commemoration of the life, work and vision of Rev. Dr. John Wilson, Mumbai, 2005; pp 47-58.
- Published 'The Mohulla committees in Mumbai : A case report,' in Human Rights Global focus, IHRF publication division, Kerala, 2005.

Mrs. Mrudula Dewasthale (Department of Politics)

- Presented a paper on 'Transparency and Accountability in Administration,' in a National Seminar, organized jointly by the Department of Politics? And Indian Institute of Public Administration on 'Good Governance,' on 16th and 17th December 2005.
- Presented a paper on 'Right to Information,' during participation in *Maharashtra Rajyashastra Parishad* at Ferguson college, Pune on 14th, 15th and 16th January, 2006.

Dr SS Barve

- Beyond Gnome, State level Workshop, Thodamal Sahani College, Mumbai
- Recent changes in Biotechnology, Birla College, kalian
- *Ved-Jeevatantra shastracha*, Society for excellence in Science, Bombay
- Brave new world of Biotechnology, Rotary International, Thane

Mr Rajendra Patil

- Presented a paper on Need of Educational Web portals. National College, Chalisgoan

4.2.4 Workshop/ seminars attended

- Anil Naik and NM Kane
Seminar on Service tax organized by Institute of Chartered Accountants of India
- JB Vaishampayan
3 day workshop on Taxation and Accounts at Mahabaleshwar
- NM Kane and Yogesh Sant
2 Day workshop on Accounting standards organized by MIRC of ICAI
- Ms Darshana Bhogle, Dr (Mrs) Deodhar, Rashmi Tembe
National seminar on Medicinal Plants Pendharkar College Dombivili
- Ms Archana Gawde,
International Conference of Bio Sciences, Model College, Pune
- Dr Karmarkar
Public Library, Thane *Jilha Granthalaya Sangh*, Thane
- Mr KG Bhole
Workshop on MSc IT University
IT tech festival Technocrat 2006
Regional Seminar, Research area in Physics Education, Sathey College, Mumbai
Workshop on VC ++ and Java, University of Mumbai
- SN Kadam
Effective teaching in Higher education, Department of education, University of Mumbai
Nano technology and Ion beams, Department of Physics, University of Mumbai
Characterization and analysis techniques, NTRC, Birla College, Kalyan
- Dr BB Sharma
TQM and Best Practices, DP Mahavidyalaya, Karjat, Ahmednagar
- Dr (Mrs) NS Kulkarni
International seminar, US Society of Ecological economics, Washington, Benefit cost analysis of environmental problems work done by voluntary organizations
- Dr (Mrs) BP Hardikar
MSc Part I workshop, Bhavans College, Mumbai
- Kanak Samal
National Seminar, Women Empowerment- Group and Group behavior, Pune
Workshop on Women development Cell, Mumbai University
- Dr Ashok Mishra
National seminar, Uttar shati ki Hindi Upanyas Yatra, RJ College, Mumbai
- Mrs Manasi Kedari
Human Rights Education, NHRC, TISS, Mumbai
- Dr Vandana Panse, Dr Girish Pisalkar
Workshop on MSc I, Chemistry Department, University of Mumbai

- Dr Girish Pusalkar
JSM College, Alibag
- Dr (Mrs) lakshmi Ravishankar
National Conference, Central Drug Research institute, Lucknow
National Symposium on innovative methods in Chemistry, Indian
Association of Chemistry Teachers, Mumbai
Workshop on MSc I, Chemistry Department, University of Mumbai
- Dr (Mrs) LR Thatte
State level seminar Relevance of Kantilean Economics to 21st century
University Board of Studies workshop- Ruparel College, Mumbai
TY BA University Board of Studies workshop, Ratnam College
- Miss Vaishali Shiral
State level seminar Relevance of Kantilean Economics to 21st century
TY BA University Board of Studies workshop, Ratnam College
Endangering Macro economic and macro economic policies, Center for
Women studies, Ratnam College, Mumbai
- Dr (Mrs) Susmita Dey
Partition narratives- Jaihind College, Mumbai
- Ms Parul Bharadwaj
Hagiography revisited- Department of English, University of Mumbai,
Mumbai
- Mrs Subhangi Karnik
State level programme, Rag Rang, Raheja College, Mumbai
Educators of BMM Courses, 3-day workshop Xavier's Institute, Mumbai
- Miss Meher Mistry
Local self Government, Birla College
National Seminar, Business Communities and migration in Maharashtra,
Indian History Society, Patkar College, Mumbai
State level-Budhist and Pashupata caves, Sathey College, Mumbai
- Mrs Mrudula Dewasthale
Refresher course- TISS, Globalization and sustainable development
- Ms Renuka Sardesai, Poornima Bangale and vandana Naravade
Workshop on MSc IT , Vaze College, Mumbai
- Dr Prakash Parab
National Conference on Dalit literature, RKT College, Ulahasnagar
National; seminar, Marathi Bhasha- *Samsya va upay*, SP College Baramati
- Ms Rasika Pawar and Deepali Karkhanis
State level workshop on Bio informatics, Birla College, Kalyan
- Ms Rupali Wadekar
National seminar on Vedic Sankrit literature, SP College, Pune

Projects in progress	10
Workshops attended/ presented papers	80
Programme conducted by departments	21
Refresher courses attended	06
Faculty strength	58

4.2.5 Impact factor 2.017

Seminars + programmes + publications per faculty = 117/58 = **2.017**

4.2.6 Seminars/workshops organized

Chemistry Department

- Workshop on Spectroscopy and related Topics
- Collegiate Aptitude Test

Economics Department

- Workshop on Indian Financial systems
- Workshop on Indian Advanced Economic theory
- Workshop on Derivative Trading
- Workshop on Economic development and environment

English Department

- Poetry workshop
- Workshop on Art of writing
- Lecture on Silence that counts
- Lecture in Careers in media

History department

Student workshops on

- Weapons used during II World War
- Chinese revolution and its impact
- Sant warriors and Bhakti movement
- Rock architecture- Meher Mistry
- Budget 2005- Mr Anil Naik

Political Sciences

- Mangesh Kulkarni- John Bawls and His theory of Justice
- Sree Vidya Jayakar- Constitutional case and their implications in context of rights

Accountancy Department

- Saturday lecture series for Third year BCom students by BoS members University of Mumbai During August 2005 and September 2005

4.2.7 Refresher course/ Orientation programmes attended:

- | | |
|------------------------------------|-------------------|
| 1. Mrs Mrudual Dewalthale | Political Science |
| 2. Mr Anil Naik | Accountancy |
| 3. Mr NM Kane | Accountancy |
| 4. Mrs Satwant Balse | History |
| 5. Mrs Mathangi Iyer | Law |
| 6. Mr Adhir Ambavane (Orientation) | Commerce |

4.2.8 College with Potential for Excellence

The Review Committee under the Chairmanship of Dr Sonde (Former VC Goa University) visited the College during Feb 2006. The project has been evaluated in superlative and commended to be significant.

The Committee reviewed the progress of College with Potential for Excellence project for the year 2005-06

Review of Progress:

- 1) **Equipment Procurement** : The Committee has observed that the allocation for this is Rs.17 Lakhs, and the College has fully utilized this amount, the expenditure so far being Rs.18.49889 Lakhs. A variety of new equipment like Shakers – table top, microcentrifuge, PCR and gel electrophoresis equipment, gel documentation system and bioreactor have been obtained and a good biotechnology laboratory for teaching and research has been set up at the College. The College Management has provided well designed air conditioned rooms for this laboratory. The Committee is pleased at this. It is noted that the College has incurred an excess expenditure of Rs.1.49889 Lakhs over the approved allocation under this Head.
- 2) **Laminar Flow Bench** : The College has utilized a sum of Rs.0.86475 Lakhs against an allocation of Rs.1.50 Lakhs for obtaining this. The College has already obtained this and established it in the Laboratory. With the setting up of this bench, the biotechnology laboratory is now fully functional. It is noted that no further additions are required for this facility.
- 3) **Greenhouse** : This is a unique experimental facility required for conducting experiments in tissue culture and related areas under controlled conditions. The College has done a good planning for this and already established this facility at a cost of Rs.9.9662 Lakhs against the allocation of Rs.10.00 Lakhs for this purpose. This facility is now fully functional and is being used for teaching and training of students as well as for Research and Development work. The College deserves commendation for establishing this facility on its campus.
- 4) **Teaching Aids** : A sum of Rs,2.50 Lakhs has been allocated to obtain these. The College has already utilized Rs.1.89523 Lakhs to obtain items like smart board, LCD Projector, Overhead Projector, etc. and installed them for use. It has also made plans for adding a few more teaching aids utilizing the amount remaining under this Head. It is suggested that this procurement may be completed early and these Aids may be made available for the use of students / faculty of all the Departments / programmes at the College.
- 5) **Library** : Against an allocation of Rs.5.00 Lakhs for this Head, the College has utilized only Rs.0.49617 Lakhs for procuring text / reference books for the biotechnology area. These books are being used by students / faculty engaged in the various departments like Botany, Zoology, Biotechnology and Chemistry. It is suggested that the College may include the

requirements of other departments as well to the extent possible while adding further books to the Library. Besides, the additional expenditure incurred under the Head “Equipment” could also be partly met from this Head of account.

- 6) Glassware and Chemicals : An allocation of Rs.7.00 Lakhs has been made for the procurement of glassware and chemicals. Of this the College has obtained the various items incurring a cost of Rs.4.01629 Lakhs. This has certainly added a new strength to the biotechnology programme. However, it would be desirable that the remainder of the grant under this Head is also used for supporting the teaching and research at other departments as well.
- 7) Software : The utilization under this Head so far has been very low, i.e. Rs.3976/- only, out of an allocation of Rs.5.00 Lakhs. This needs to be taken up at good speed. The Committee has noted that students and faculty at the College require increased computation and internet access. It is therefore suggested that the College may take up the procurement of software packages to meet the needs of its various departments as well and providing broad band internet access and College wide intranet at an early date. It is also suggested that the College may consider giving the faculty members and students free internet access for at least 15 hours each per month.
- 8) Medicinal Plant Cultivation : There is a provision of Rs.3.00 Lakhs for this and related activities. But, the utilization so far is only Rs.4,445/-. This calls for speedy steps to be taken for this work, so that a medicinal plant garden becomes fully functional before the conclusion of the CPE Scheme at the College.
- 9) Consumable for bioprocesses : The Committee has noted that the expenditure under this Head is yet very small, i.e. Rs.1550/- only as against the approved allocation of Rs.7.00 Lakhs. It is suggested that the College may broaden this Head to cover the consumables requirements for its teaching and research laboratories up to a ceiling of Rs.5.50 Lakhs and transfer Rs.1.50 Lakhs to the Head “Journals” under recurring expenses.
- 10) Journals : Here again, the utilization so far is yet limited, i.e. Rs.1305/- only as against the approved allocation of Rs.2.00 Lakhs. It is suggested that this Head of account be supplemented by transferring Rs.1.50 Lakhs from the Head “Consumables for bioprocesses” and increased to Rs.3.50 Lakhs; and be broadened to include e-journals required for research in all the departments and for procuring learning material based on CDs, Video cassettes, etc. The College may expand its internet access facility at the Library and also provide suitable CD and Video Cassette based self-learning environment for the students. The College may also seek the support of INFLIBNET programme of UGC to obtain e-journals in a number of disciplines at low cost.

5.1 Honors/Awards to the faculty:

- Dr Lakshmi Ravishankar has been honored with Best Teacher Award by Chemical Research Society of India
- Principal Dr.GT Paratkar received the following awards :
 - Awarded in International Seminar on “Nuclear and Radiochemistry” for best ten papers presented in the symposium on March 2005 at Guru Nanak Dev University, Amritsar.
 - Selected amongst 100 best papers in International Botanical Congress Vienna, Austria, Austria Center Vienna, 17-23 July 2005.
 - Accepted for training on Biomonitoring in University of Oslo, Norway, under renowned Prof Eliv Stennies.

Dr MR Kurup is member of advisory committee of UNDP in India.

6.1 Community services:

The NSS Unit of the College has been performing a leadership role in University activities. Many of our NSS students participated at the University, state and national NSS and leadership camps. One of the student participated at the RD parade at Delhi, this year. The unit conducted blood donation camps, AIDS awareness programmes among several others. The NSS unit had disaster management as the theme of the year. The unit conducted and participated in camps on the theme. The College with the help of NSS volunteers took up relief and rehabilitation work of flood affected in Nanepada, Mulund. For Mumbai food relief, the students, faculty and management together contributed Rs.2lakhs. Dr PN Pabrekar, the college NSS programme officer is the NSS coordinator at University of Mumbai.

College NSS volunteers have participated at the Republic Day parade at New Delhi

6.2 Teachers and officers newly recruited:

Ms kavita Kosambi	SC	English FIP	Clock hour basis
Ms Parul Bharadwaj	Open	English FIP	Full time regular
Ms aishali Shiral	SC	Economics	Probation
Ms Meher Kistry	Open	History FIP	Full time Regular
Ms Jaya Godghate		Mathematics	Temporary
Ms Reeta Kamble	SC	Psychology	Temporary contract
Ms Manasi Kedari	SC	Pol. Science	Contract basis
Dr Vinod Ragade	SC	Zoology	Probation
Mr Ajit Kengar	SC	Botany	Probation
Mr Rajendra Patil	Open	IT	Temporary
Mrs Renuka Sardesai	Open	IT	Temporary
Ms PP Bhangale	Open	IT	Temporary
Ms Vandana Narawade	SC	IT	Temporary
Ms Prtibha Pawar	ST	IT	Temporary
Dr MS Meenakshi Rajesh	Open	Biotech	Probation

Ms Rupali Wadekar	SC	Biotech	Temporary
Ms Rasika Pawar		Biotech	Temporary on Contract

7.0 Library

- The college has around 30,000 books.
The college subscribes to 76 journals and magazines and 3 international journals
- During 2005-06, 1675 books have been added out of various grants

○ General Library grants	Rs 3,87,819
○ UGC grants	Rs. 37,121
○ <u>College with potential for excellence</u>	<u>Rs. 43,371</u>
<u>Total</u>	<u>Rs. 4,68,302</u>

7.1 Computerization of administration:

- Admission, Fee collection, receipting is computerized
- Pay roll department is fully computerized
- Accounts section is computerized. These are on a single net work.
- Conduct of Examinations, issue of Mark sheets and data storage is computerized.
There is a separate net work for examination related work
- Library accessioning is a different net work
At library there is a net work of computers for internet access.
- Two different net works are there for each compute laboratories

7.2 Addition to infrastructural facilities:

- Green House
- Garden of medicinal plants
- College with Potential for Excellence Laboratories costing around Rs 30 lakhs
- Fully functional media room with Smart board

8.1 Parent-Teacher Association:

The Parent-Teacher get-together was organized on 15th August 2005. Noted Journalist Shri Kumar Kadam was the chief guest. Annually we conduct the meeting on 15th August and the chief guest will be one among our students' parent.

8.2 Student achievements and awards

Performance in sports activities 2005-06:

International level sports

- | | |
|----------------|------------------------------|
| ○ Mangesh Raut | Referee at handball - Sweden |
| ○ David Elisa | Cricket- Israel |

National level sports

- | | |
|-------------------|----------------|
| • Sonal S More | Badminton |
| • Michelle Parera | Athletics |
| • Richa Parra | Athletics |
| • Nutan Dhanawde | Cross country |
| • Nidhi Shetty | Ball Badminton |

- Vishal B Walzade Soft ball
- Priyadarshini Patil Basket Ball
- Rucha Marathe Basket Ball
- Saili Gule Basket Ball
- Sweta Dalvi Basket Ball

20 teams participated at intercollegiate and above: Chess, Table tennis, cross country, badminton, swimming, basket ball, kho-kho, ball badminton, cricket, athletics and caroms.

8.3 Placement services

- The activities of the placement cell for the year 2005 –06 , began with a one – day workshop on Redefining Soft Skills , by Mr. Rajesh Kamat, former General Manager , P & O Nedlloyd Ltd. Ninety four students , from all the three faculties participated in the workshop and benefited from the sessions. The workshop covered the what, & why of Soft skills, besides giving tips on Group discussion & Personal Interview. Mock GDs & PIs were also conducted for the benefit of the students.
- HR Personnel from Astute BPO Accounting , gave a preplacement talk for the benefit of the TYB.Com students on career opportunities with their organisation.40 students participated in the same. Selection would be held in June, after declaration of the TY.Com results.
- HR Officials from K.S.Aiyer & Co., a chartered accountancy firm, gave a pre-placement talk for the benefit of the TYB.Com students. About 40 students benefited from the interaction. Selection for articleship & positions in the accounts department of their organization would be held in the third week of January

Other organizations which participated in the campus placement included Indiabulls Securities Pvt. Ltd., Zenta, Cognizant Technology Solutions, Pune.

Other companies which will be visiting the campus shortly are

- Transworks Pvt. Ltd, - an Aditya Birla BPO - for recruiting TY students (all branches) for the their customer support division & IT students for the technical department. on 13 /1 /06 – 13 students have been short listed for the final round
- JPMorgan Chase – for recruiting TY B.Com students for their customer support service in International Banking, Treasury & Securities Management etc. on 18 /1/06

Most of the above companies selected the students based on 1) a written aptitude test & in some cases a second technical test 2) Group discussion & 3) personal interview.

Other activities organized by the Placement Cell.

- It was found that most of our students fared well in the written exam, but were lacking confidence in GD & PI.. To help them do well in these important

selection procedures, the Placement cell organized several workshops in coordination with professional agencies like IMS, Thane ; Young Buzz ; Growth Centre etc. The workshops basically covered details of resume writing, how to improve written & oral communication, etiquettes, grooming, GDs & PI. The feedback received for these workshops from the student participants has been very encouraging

Role of Alumni

- Several alumni have requested their HR personnel to visit our college for campus placement
- Many companies which recruited Vazeites in the past through campus placement have come back again to recruit freshers this year e.g. Asian Paints and Cognizant Technology solutions.
- Some of our ex-students who are in the HR dept. in various organisations have always intimated about vacancies in the organisations to the placement cell & helped students secure jobs.

8.4 Scholarships

Nature of Scholarship	No.	Amount
Government scholarships	185	3,93,575
Endowment scholarships	86	47,900
Total	271	4,41,775

9.1 Linkages developed with National / International, academic /Research bodies

- ISIPCA France: the Post Graduate Diploma in Perfumery and Cosmetics Management. PGDPCM is a programme designed with collaboration with ISIPCA, France
- World Health Organization: The Center for Advanced Research in Natural and Synthetic chemistry is involved in collaboration with WHO.
- UNDP: Dr MR Kurup is member of advisory committee of UNDP in India.
- Ministry of Environment and Forestry: The College is engaged in the biotechnology consultancy project on Bioremediation for treating lakes in Thane funded by MOEF, Government of India.
- BRNS: The college has a project in Collaboration with BRNS

9.2 Land mark events

The College received the Best College recognition during 2005 and was felicitated with a cash award of Rs.50,000

The faculty resolved to finance a lecture series to be conducted annually in the College. The project is financed through the faculty pool of own resources. The College management offered to contribute a matching grant to enable the faculty, conduct the programme on an ambitious scale.

Part C

10.0 Proposed plans of the institution for 2006-07

- Streamlining entry level admissions to First Year BCom
- Student centered programmes commemorating the Theme of students participation in quality education
- Launching of Women Development Cell
- Public address systems in big class rooms
- Implementation of CPE phase II programme
- Compliance with Re accreditation Peer Team Report

These areas will guide the plan for the academic year 2006-07. This will be a part of pre admission and pre instructions planning

20th March 2006

Dr CVS Ranga Sai
Coordinator IQAC

Dr G T Paratkar
Principal