

Annual Quality Assurance Report

Internal Quality Assurance Cell

2007-08



Kelkar Education Trust's,
Vinayak Ganesh Vaze College,
Mithagar Road, Mulund East,
Mumbai-400081

Annual Quality Assurance Report (2007-08)
Internal Quality Assurance Cell,
Vaze College, Mumbai

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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 the 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 crucial 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 and contribute to the national development. To strive hard to promote the use of technology and work for the quest for excellence

1.1 IQAC and its constitution:

The IQAC teacher-members are:

Prof. K. G. Bhole (Coordinator)
Dr. B.B. Sharma
Dr. (Ms) Vandana Panse
Mrs. M.D. Dewasthale
Mr. E. G. Ghatpande
Dr. (Mrs) S. B. Dey
Dr. C. V. S. Rangasai
Mrs. S. Pednekar
Mr. J. S. Sutar
Dr. P. S. Parab
Mrs. Alka Kelkar
Dr. G. G. Pusalkar
Dr. P. G. Karmarkar

The members met periodically and subcommittees were formed for focused activities. This document is the Annual Quality Assurance Report of the IQAC as adopted in its meeting held on 11th April, 2008

Part A

2.0 Pre-instructional/ pre admission planning

The basic road map for the academic year was drawn from the report of IQAC, the peer team report of accreditation and the project for College with Potential for Excellence. The thrust areas were

- i) Implementation of recommendations of the peer team in their report of re-accreditation.
- ii) The Road map drawn by the college in the implementation of CPE project
- iii) To promote the ICT based instructions
- iv) To inculcate quality perspectives in teaching and learning

2.1 Post re-accreditation agenda and status

The master plan was envisaged during the re-accreditation exercise and the following target areas for development were selected:

1) Curricular Plan:

The post- graduate diploma programme in Perfumery and Cosmetic Management (PGDPCM) launched in the academic year 2005-06, entered into the 2nd year. The second batch of students for PGDPCM was inducted in the year 2006 – 07.

The Bachelors degree in Mass Media course entered into second year. The first batch will be taking admission to TYBCom in 2008-09. The other career oriented courses approved by the UGC were i) Stock market operations ii) International business operations and Biotechnology. The college has proposed to start a new certificate add-on course in computer networking and fiber optics

2) Teaching-learning, Research and Consultancy:

Adjunct professors for research areas in other subjects have been appointed and larger collaborations with institutions/industry in India and abroad have been initiated. Faculty exchange programs are envisaged and projects funded by UGC, DBT, DST have been completed. The project “College with Potential for Excellence” continues.

3) Infrastructure and learning facilities:

To develop ICT as teaching communication, publications and out-reach platform, build a sports complex, extend the research facilities, enhance financial support system to students and to develop the Multimedia facility.

4) Student support and progression:

To create student mentorship in the students’ community, develop students’ news bulletin, develop systems for student participation in performance audit and develop corpus fund for students to meet emergencies.

5) Organization and management/ healthy practices:

Creation of corpus fund for development and welfare, to train staff and to create an atmosphere for autonomous institution. To motivate staff and students for basic and applied research and training.

Part B

1) Curricular plan:

Launched the PG diploma in Perfumery and Cosmetics Management in the year 2005-06 and it entered its second year in 2006-07. The College also started Bachelors degree in Mass Media and Ph. D in Biotechnology.

2) Teaching-learning, Research and consultancy:

Collaboration with American university is under discussion. A number of research papers have been published this year. The project CPE is extended for further research and training. A national level seminar on “Industry Institution Synergy” was organized by the college in collaboration with University of Mumbai. The Bioremediation project continued in collaboration with civic body TMC. Training programs for biotechnology for participants from industry were organized.

3) Infrastructure and learning facilities:

The ICT concept is adopted partially. The web- enabled teaching will be enhanced in due course of time. Numerous power point presentations by students and teachers were reported this year. The multimedia centre is ready for the use. It is equipped with the internet facility and a smart board.

4) *Student support and progression:*

The students' participation in quality enhancement was initiated. The Students' Council was very active in giving a feedback for various developmental activities. A charter for the students was prepared with the objective of creating awareness among the students of their rights and duties.

5) *Organization and management/ healthy practices:*

The creation of corpus fund is already started. The intercollegiate festival themes are adapted to suit current social needs and students are being oriented to realize their duties and responsibilities. An intra state students interaction is started this year. Networking of academic institutions for mutual benefits is brought in to practice by organizing PG lectures in information technology and biotechnology, orientation and training programmes conducted by biotechnology department for participants from industry.

3.1: New academic programmes:

The second batch of PGDPCM course started. The second year programme of this course was implemented this year. There was an overwhelming response for this batch too.

The college has applied to the University of Mumbai for a research degree in Biotechnology. The subject options for TYBCOM were increased. The second year of M. Sc. Biotechnology was introduced this year. The first batch of Bachelor in Mass Media (BMM) was started.

3.2 Student strength:

Arts Faculty

Class	Men	Women	Total
First Year BA	28	202	230
Second Year BA	31	181	212
Third Year BA	27	156	183
Total	86	539	625

Science Faculty

Class	Men	Women	Total
First Year BSc	62	71	133
Second Year BSc	23	66	89
Third Year BSc	47	72	119
Total	132	209	341

Commerce Faculty

Class	Men	Women	Total
First Year BCom	202	267	469
Second Year BCom	165	290	455
Third Year BCom	173	287	460
Total	540	844	1384

Self Financing Courses

Class	Men	Women	Total
First Year BSc IT	19	40	59
Second Year BSc IT	27	28	55
Third Year BSc IT	29	31	60
First Year BSc Biotechnology	13	22	35
Second Year BSc Biotechnology	9	25	34
Third Year BSc Biotechnology	13	24	37
First Year BCom Banking and Insurance	12	51	63
Second Year BCom Banking and Insurance	12	52	64
Third Year BCom Banking and Insurance	20	37	57
First Year BCom in Accounting and Finance	16	48/	64
Second Year BCom in Accounting and Finance	25	31	56
Third Year BCom in Accounting and Finance	22	47	69
First Year BMM	22	38	60
Second year BMM	19	28	47
Total	258	502	760

PG Students

Class	Men	Women	Total
MSc	28	43	71
PGDPCM	15	35	50
Ph.D	10	12	22
Total	53	90	143

Summary:

	Men		Women		Total	
	strength	percentage	strength	Percentage	strength	percentage
Reserved category	1016	32.67	2094	67.33	3110	100

Academic results: June 2007

Class	Distinction	I Class	II Class	IIIrd class	College result%	Uni. result %
TYBA	200	60	115	20	97.5	76.81
TYBSc	149	98	39	Nil	91.95	69.30
TYBCom	72	88	64	30	97.5	55.58

Number of Students: On roll (on 31st March 2008) for University courses leading to various Degrees and Diplomas.

Class	No. of Male Students	No. of Female Students	Total
(a) Under-graduate	1016	2094	3110
(b) Post-graduate	53	90	143
Grand Total (A + B)	1069	2184	3253

Number of Students belonging to SC,ST, DT & NT.: (Please give the number of Students as on 31st March 2008 . Do not include the number of EBC Students)

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Scheduled Castes	173	273	446
Scheduled Tribes	31	47	78
Denotified Tribes (+OBC)	213	461	674
Total	417	781	1198

- The percentage of reserved category students is 36.83% of the total enrolment. It is above the average of targeted index at national level.
- The percentage of female students is almost double to that of male category.

3.3 Distinctions: Curricular

- Ms Gayatri Nilkanthan, TYBA Sociology stood first in Mumbai University
- Mr Avinash Mali, a PGDPCM student was awarded scholarship of Rs. 60,000 by International Congress of essential Oils and Fragrances & flowers.
- Mr Darshan Bhuvad A PGDPCM student was awarded scholarship of Rs. 20,000 by International Congress of essential Oils and Fragrances & flowers.
- Dr. Ms Sonali Pednekar was awarded Ph. D in History by University of Mumbai
- Dr Preeta Nilesh was selected to represent India at International Visitor Leadership Program conducted by US Dept. of State Washington DC
- Dr Nilima Kulkarni, presented a paper at International conference Hong Kong, China in July 07

- Mrs Rasika Pawar got silver medal for her paper on Enzyme Protease. At Avishkar held at SNDT University Mumbai.
- Dr. Vinod Ragade was awarded as Young Scientist at National Conference on Biotechnology held at Science college Indapur, Pune
- Dr Lakshmi Ravishankar was awarded “a Best teacher award by University of Mumbai on 26th Jan., 2007
- MR Rajendra Patil was awarded the proize for best paper in National Seminar on Current trends in IT held at Sangamner.
- Mrs Chitra S. completed her MPhil degree from Madurai Kamraj University.
- Mr Sunil Tambe and Mr Ravi Tiwatne the non-teaching staff completed their TYBA examinations

Extra curricular:

Education can not be confined to classroom teaching or e-learning for that matter. It is a complex, omnipresent and lifelong activity. Keeping the mission of the institution i.e. to develop a rounded personality of students, in mind the college undertook multifarious activities this year. This includes competitive events, cultural programmes, guest lectures, debates, training camps, surveys, exhibitions, screening of short films and movies, one act plays, food fest etc. As usual our students participated and won trophies and prizes at various intra and inter collegiate competitions.

- The Veethee, a theatre group in the college made us proud this year by winning performance of its one act play ' aswastha apurnankache padgham' at various prestigious competitions. The play was honored by 55 awards that it really deserved to be called achievement of the year. The entire winning team was invited to perform before huge audience gathered at Solapur for Akhil Bhartiya Marathi Natya Sammelan.
- Over the years the structure of extra curricular activities in college campuses has been changed .In the era of electronic media and Internet we all have easy access to information and entertainment. Colleges are no longer the sole platforms available to students to showcase their talent. With the increase in inter collegiate festivals and competitive mega events organized by TV channels, colleges have room to move away from their conventional popular events to some innovative one.
- This year the college has witnessed such unique programmes , to name a few, Fellowship Morning and West Meets East. The programme called 'Fellowship Morning 'was organized as inaugural event of Dimensions 2008 an intercollegiate cultural fest, wherein students of North-Eastern states of India were invited. This was an attempt to establish socio-cultural bond between students having diverse cultural background. This event was widely appreciated and taken cognizance by local media. Another programme called 'West Meets East' was a fusion of Maharashtrian and Naga culture wherein students from Nagaland participated.
- The students participated in the following intercollegiate events during this year. Malhar 07, Kshitij07, Youth festival07 in which Ms Anagha Dhomse got first prize in light vocal, Mantra07 in which Ms Sukanya Kumar got first prize in both

classical and western dance competition, Mood Indigo07 in which Siddhi Sonavane got second prize in classical vocal.

- NSS team participated at state level camps and leadership training programmes. They organized rallies and street skits, blood donation camps, Sunday camps, helped NGOs in Pulse Polio camps, Pratham project, peace rally etc.
- Chemistry department organized Research Scholar's meet in the college.

Sports:

The students participated in various inter collegiate and inter university events.

- Kiran07 in which Bharat Borse got first prize in table tennis.
- Ms Sonal More represented Maharashtra at 33rd national games at Gauhati
- About 15 students participated and won inter university, state level sports competitions and brought laurels to the college.

External Scholarships:

- Four students of PGDPCM received Rasiklal Hemani Scholarships of Rs. 20000/- each
- Mr Avinash Mali received Rs 60000/- and Mr Darshan Bhuvad received Rs. 20,000/- scholarship from International Congress of Essential Oils, fragrances and Flavours 1989 this year.
- This year, about 121 students were awarded scholarships of Rs 800 and above to appreciate their efforts and achievements.

Students Council:

- Ms. Neha Dhavale of SYBA was elected as General secretary of students Council under section 40 (a) and (b) of Maharashtra University Act 1994.
- Students Charter was adopted as per the design of NAAC, Bangalore
- Study was conducted by students council on the quality awareness among students of Vaze College.
- The council launched a suggestion box for general improvement of college.
- The council participated in "cleaner Mumbai Campaign"

Extra-curricular activities:

The college has number of associations/activity groups devoted to sports, culture, literature; fine arts etc. in order to develop overall personality of the students, these associations were actively engaged in their respective extracurricular activities.

"Dimensions" as annual inter collegiate cultural festival held in December this year. It was a great success as usual. It has been increasingly popular event among the students fraternity. The programme called 'Fellowship Morning' was organized as inaugural event of Dimensions 2008 an intercollegiate cultural fest, wherein students of North-Eastern states of India were invited. This was an attempt to establish socio-cultural bond between students having diverse cultural background. This event was widely appreciated and taken cognizance by local media. Another programme called 'West Meets East' was a fusion of Maharashtrian and Naga culture wherein students from Nagaland participated.

Students are the ultimate beneficiaries in college system. The students Council which is a statutory body of the students' representatives played a vital role in generating awareness among the students regarding their role in the college development especially in the students' welfare. The council launched a suggestion box for general improvement of college

The college is proud to have talented singers, budding actors, who participate in singing, musical competitions, theater competitions and win prizes.

3.4: Curricular design and transaction:

We have six faculty members on various Boards of Studies of the University of Mumbai, one senate member and one member of faculty of science, University of Mumbai. One faculty is also a member of Board of studies in Marathi at SNDT University. Three members of the faculty have been appointed as members of the examination committee and inquiry committees of University of Mumbai.

Mr. G T Paratker, BB Sharma, Mr K G Bhole, Mrs Deosthale, Dr Mrs Dey, Dr Dineshkumar, Dr Mrs Roy, Dr Mrs Hardikar, Mr J S Sutar, Mrs GA Gokhale and many more were the syllabus framing committee or subcommittee members and have contributed in framing of UG and PG syllabi of Mumbai, SNDT, YCMO Univeristy.

Eight research guides are involved in guiding the students for PhD and MSc by research degree in the subject of Botany, Zoology, Economics, Biotechnology Chemistry and History.. Some of the faculty members are recognized PG teachers and actively involved in taking lectures at University for PG Classes.

A unique model of networking of colleges is brought into action by forming a cluster of nearby colleges for imparting instructions to MSc Information Technology course. The faculty of various colleges and from industry contributes in guiding PG students.

At least 7 members are actively involved in curriculum design of various courses of Mumbai University.

4.1: Faculty development programme:

Ms. Nilakshi Roy completed Ph.D and submitted thesis for Ph.D in August 2007.

Mrs. Sonali Pednekar completed her Ph.D Degree this year in August 2007.

Under FIP two faculty members, Mrs. M K Shanta and Mr Ajit Kengar have applied for FIP to pursue their Ph. D studies.

Ms. Chitra Subramaniam has completed dissertation for M.Phil in entrepreneurship on 'Study of succession planning practices – with reference to entrepreneurial family run business in Mumbai' Prof. Adhirr Ambavane completed his LLB degree

UGC Funding:

The college has received 35,00,000/- from UGC as Basic Research facility grant for Chemistry, Physics, Mathematics, Botany, Information Technology and Zoology departments. Apart from the development grant for 11th plan, college has received additional major research projects grants of about Rs. 12,00,000 under various schemes of the XI plan

Research projects:

4.2.1: The college is actively involved in research projects with a funding of more than Rs. 20 Lac from different agencies like UGC, DBT, DST, BRNS, ICSSR, University of Mumbai etc. There are research consulting projects sponsored by industry and civic bodies.

The scientific research center is currently working on a DBT project which has received a grant of Rs.10 lac. Cosmetology and testing laboratory is engaged in corporate consultancy. The center for Advanced Research in natural and Synthetic Chemistry is involved in collaboration with WHO. Dr. Mrs Bhatt is an adjunct professor at the college.

4.2.2 Ongoing Projects:

Major Projects:

i) A Major research project entitled “Monitoring of trace element atmospheric pollution using mosses and lichens” The project with a funding of Rs. 9 lac has been sanctioned to Principal Dr. G T Paratkar by BRNS since Jan 2005.

Minor project:

ii) A Minor research project titled “Situating colonial Hospitality in Nineteenth Century Bombay” was sanctioned by the UGC to Dr.Preeta Nilesh. She has received a grant of Rs. 70,000/- .

iii) A Minor research project “ Domestic waste as absorbents for removal of heavy metal ions from industrial waste water. Sanctioning authority: APD department, University of Mumbai, Amount sanctioned: Rs.32000/- ,Year: 2007-08

4.2.3 Research papers presented and published:

This year Inter University Research Festival “Avishkar-08” was held at SNTD University in January 08. In all 331 participants from 18 Universities all over Maharashtra under six categories at UG and pg level. The Title project “Development of new anti HIV molecules based on phytochemicals” presented by Miss.Soni Singh of Vaze College under the category of pure sciences at Ph.D Level bagged gold medal. The title of the project “Characterisation and Optimisation of Halophilic protease obtained by Bacillus species” presented by Shruti Baadkar under the category of pure sciences at UG level bagged silver medal. Both these awards brought laurels to University of Mumbai and helped to retain Overall trophy for pure science category for 2nd time.

Research Project proposal submitted:

- Dr. Bhagyashree Hardikar was invited for two major research projects presentation to two institutions at – AYUSH, New Delhi in September '07 and UGC, New Delhi in January '08. she has also filed a “Provisional Patent” (Indian) in March '07.
- Dr M A Deodhar Has recently undertaken a project ‘Sequestration of CO₂ emitted by cement stack using micro algae to produce starch’, sponsored by

Associated Cement co. The 1st phase of the project is of 4 months and cost Rs.1 lakh. Dr. M.A.Deodhar is the principle investigator for the project. She was called by UGC New Delhi to make a presentation on a major project submitted to UGC

- Dr. Lakshmy Ravishankar: Research proposal submitted to Mumbai University under minor research grant.
- Dr. S.S. Barve Submitted a project proposal to government of Maharashtra for Bioremediation of solid waste.

Publication of Papers:

Following papers were published in journal of Ecophysiology and Occupational Health (Vol.7, Dec 2007)

- Bioremediation of Thana lakes – GT Paratkar, BB Sharma, SS Barve, SL Dhuri and KV Satardekar
- Depuration of African snail “Achatina Fulica” treated with Dichlorvos [Nuvan], an organo phosphorous pesticide pg 139-144 by Parul Virpora, Anshu Vajpai, BB Sharma
- Effect of Imidochlopid on activity of AchE in brain and muscle tissue of fish ‘Oreochromis Mossambicus’ pg 145-150 by Anshu Vajpai, Harshada Meher and BB Sharma

Presentation of Research papers at International and National Conferences:

- Mr. Dinesh Kumar presented paper on ‘Narratives of Rage and Rehabilitation’ at an International conference on Emerging trend in literature, organized by Dr. Babasaheb Ambedkar University, Aurangabad, in January’08. He also Presented paper on ‘Media, Cricket and the Legitimization of violence’ in a National seminar organized by University of Mumbai, in December’07.
- Dr. Prakash Parab presented paper on "**Language planning for Marathi**", for National Seminar, organized by Marathi Department, University of Mumbai.
- Dr. Ashok Mishra presented paper on ‘Janasanchar Madhyam aur Hindi’, at a National Seminar, organized by Hindi Department of University of Mumbai.
- Dr. Preeta Nilesh presented following papers in **International Conferences:**
 1. Title: Women In Civil Society: The Mumbai Model at the Dispute Resolution Centre, Seattle, Washington USA, June 2007.
 2. Title: Food And Hospitality In Nineteenth Century Bombay at a local seminar at Kalamazoo, Michigan, USA , June 2007.
 3. Title: Negotiating Communal Harmony: Women In Mohalla Committees at an International Conference organized by the NIAS & NTNU at Hoor, Sweden in November 2007.
 4. Title: Bombay And Bhagat Singh: Observations From The Bombay Chronicle, 1927 – 31 at an International Conference on Bagel Singh And His Times organized by the ICHR in September 2007.
- Dr. Preeta Nilesh presented following papers in **National Conferences:**

1. Title: Perceptions of the Memsahibs on the ‘Mutiny’ of 1857 at a National Symposium organized by the Nehru Centre, Worli to commemorate the 150th year of the Revolt of 1857 on 15th August, 2007.
 2. Title: Women In The Nineteenth Century with special reference to Rakhmabai at Pandita Ramabai Hostel in December 2007. The Seminar cum Exhibition on The Life And Times of Pandita Ramabai was organized to commemorate the 75th year of the hostel.
- Dr. Lina Thatte presented paper on ‘Impact Assessment of Clean Development Mechanism: A Case Study of Orchid Hotel, Mumbai’, at an International University, organized by United States Society for Ecological Economics and Pace University at New York, USA, during June 2007.
 - Poster presentation by the M.sc research students at IIT Madras, Chennai. Mr Gurudatt Bhorkar Submitted his paper titled ‘Synthesis, characteristic and biological studies of Ce (III), Nd(III), Sm(III), Tb(III), Dy (III) and Yb(III) with N-Phenyl benzohydroxamic acid.
 - Mahendra Durgawale submitted his paper titled ‘The use of Bengal gram as absorbent for the removal of Cu (II), Pb (II), Ni (II) and Cr (III) metal ions from industrial waste’
 - Makarand Parnerkar’s paper was published in the Asian journal of chemistry vol. 20. no. 1(2008), 579 - 585 (international level) titled ‘synthesis and characteristics of Chromium (III), Manganese (II), iron (III), Cobalt (II), Nickel (II) and copper (II) complexes with N.phenyl - p.nitro benzohydroxamic acid
 - Dr. Bharat Bhushan Sharma presented paper on ‘Effect of algal extracts on growth inhibition of gram positive & gram negative bacteria’ and on ‘In vitro antibacterial activity of Ulva Sp.
 - Dr. Neelima Kulkarni presented paper titled ‘Hariyali’s Environmental journey through participation of Students & Citizens in General’ at International Conference organized by International Consorsium for Social Development (ICSD) at Hong Kong in July ’07. her paper was also accepted on ‘Global Warming’ in a National Conference at Baramati.
 - Dr. G.T. Paratkar made a presentation at a National Seminar on Education – Industry linkages titled ‘Industry interface’ at Brihan Maharashtra College of Commerce, for developing global curriculum under affiliated system: Vaze College Mode.
 - Dr. S.S. Barve presented two papers titled ‘Antimicrobial activity of Marine algae’ at a National Conference on Marine Biotechnology held at Ruparel College, Mumbai.
 - Ms Rasika Pawar presented poster titled as “Optimization and Characterization of protease obtained from Bacillus species”, at Inter-university Research Competition-Avishkar and represented University of Mumbai in December 2007. she also presented poster titled as “Optimization of culture parameters for extra cellular protease production from marine hemophilic bacteria”, at three day conference organized by Association of Microbiologist of India (AMI) at IT Chennai in December 2007.

Books published:

- Mr. Arvind Jadhav published a Marathi storybook on 'Aika Rajachi Goshta' (Baalvaangmay), by Vivekaditya Publication.
- Dr. Bharat Bhushan Sharma written book titled 'Basic Biology' published by S. Chand & Co.
- Ms. Satwant Balse co - authored text book on 'History of Modern Indian' for Std XII published by Sheth Prakashan Kendra.
- Bhole K G co-authored book on 'Electronic Instrumentation' - Volume II for TYBSc electronic Instrumentation subject was published by Sheth Publishers.
- Dr Mrs Dey, Dr N. Roy wrote on textbook and one workbook for FYBCom
- Dr Roy and Dr Dineshkumar wrote a book for FYBA class

Organization of Research Presentations:

1. Chemistry department organized research Scholar's meet (RSM 2008) on 22nd Feb. 2008. it was attended by 132 participants
2. Research Promotion Committee organized the following research presentation for the staff members
3. Organized a talk by Ms. Neelakshi Roy based on her PhD thesis 'Negotiating Identity in Socio-cultural Spaces of Britain: An Investigation of Fictional Works of Women Writers of Indian Origin of 1980's and After'. In September 2007 for staff members. The talk was followed by a discussion.
4. Organized a talk by Dr. Dineshkumar in January 2008 on 'African American Fiction' based on his PhD dissertation. It was followed by a discussion.

4.2.4 Workshops and seminars attended:

- Dr. Ashok Mishra attended a workshop for TYBA Syllabus organized by Mumbai University and K.J. Somaiya College, Attended a workshop as a Subject Expert for M.A. Part II syllabus (IV paper), organized by Mumbai University and RKT College. attended a workshop for FYBA Syllabus of Hindi Literature organized by Mumbai University and N.K. Waradkar College, Dapoli, attended a workshop for FYBA Syllabus of Hindi (Compulsory), organized by Mumbai University and R.D. National College, Attended National Conferences at SIES College, Sathye College and M.D. Shah College.
- Ms. Sonali Pednekar attended a conference held by Bombay History Teachers Academy & University Dept. of History.
- Dr. Preeta Nilesh attended a conference held by Bombay History Teachers Academy & University Dept. of History.
- Ms. Satwant Balse attended a seminar organized by Bombay History Teacher's Academy, Attended an International level seminar on "Importance of study of History of Medicine" organized by SIES College.

- Ms. Mrudula Dewasthale attended workshop on ‘Right to Information Act, 2005, held in December ’07, organized by Kandivali Education Society’s College of Arts & Commerce.
- Ms. Manasi Kedari attended a Inter collegiate workshop on ‘US in Globalized World’ organized by SIES College, Sion in November ‘07
- Ms. Reeta Kamble attended a National level seminar, ‘Academics- Industry the Mutual Growth’, organised by V.G.Vaze College., Attended a State level seminar on ‘Counseling Skills Empathy- The Bond’, organized by S.K.Somaiya College, Attended a State level workshop on ‘Research Methodology’, organized by D.T.T College.
- Ms. Kanaklata Samal attended an ‘Indian Social Science’ Congress organized by S.N.D.T. University, Attended a workshop for ‘TYBA Syllabus Revision’ organized by S.N.D.T. University.
- Ms. M. K. Shanta attended a workshop for ‘TYBA Syllabus Revision’
- Mr. Anil Naik attended workshop on ‘Residential Refresher Course’ organized by Mulund CA CPE Study Circle.
- Mr. Niteen Kane attended a state level workshop on ‘Residential Refresher Course’ organized by Mulund CPA Study Circle, Attended workshops of ‘Lecture Meetings’ organized by Mulund CPA Study Circle, Attended a workshop on changes made in Syllabus for F.Y.B.Com organized by Vivek College, Attended a National level Seminar on ‘Derivative Products’ organized by Thane Study Circle.
- Mr. Jayvant Vaishampayan attended a state level workshop on ‘Residential Refresher Course’ organized by Mulund CA CPE Study Circle. Attended workshops of ‘Lecture Meetings’ organized by Mulund CA CPE Study Circle, Attended a workshop for changes made in Syllabus of F.Y.B.Com & S.Y.B.Com.
- Mr. Yogesh Sant attended a Seminar on ‘VAT Audit’ organized by Thane CA Study Circle, Attended a Seminar on ‘Taxation’ organized by Kalyan CA Study Circle, Attended a Seminar on ‘Audit & Taxation’ organized by Thane CA Study Circle, Attended a Seminar on Accounts, Audit, etc. organized by Thane CA Study Circle.
- Dr C.V.S.Ranga Sai presented papers at:Workshop on ‘Accreditation procedures’ Model College, Dombivili on 3rd January 2007; Board of Studies Workshop on ‘TY BCom Business Economics’ Jhunjhunwala College, Ghatkopar, Mumbai on 24th January 2007; ‘Managing excellence in Higher education institutions’ National Seminar on High Performing Organizations: Issues and Challenges, SIBER, Kolhapur on 5th, 6th March 2007; National Workshop for CPE Institutions- UGC at PSG College of Arts and Science, Coimbatore on 22nd, 23rd Mar 2007; National Board of Accreditation-Procedures, Workshop at Institute of Technology and Management, Khargar, Vashi on 7th May 2007; NAAC procedures at Non government Colleges, Principals, Workshop on Accreditation at KMC College, Khopoli on 23rd Nov 2007.
- Dr. V Kurusu attended a workshop on Business Economics restructuring held at Hinduja College, in December 2007.
- Mr. Krishna Bhole attended a National level workshop on ‘Improving Competency among students in higher Education’ organized by Birla College,

attended a regional level 'West Zone meeting of IGNOU' organized by RC-Pune – IGNOU, Attended a seminar on 'Physics behind new Materials' organized at a University level by Indian Physics Association.

- Ms. Geeta Gokhale attended a workshop on new syllabus of FYBSc Mathematics in October 2007 at Ruia College.
- Mr. Jayprakash Sutar attended a workshop on New Syllabus of FYBSc Mathematics.
- Dr. Vandana Panse attended an International Conference on 'Recent Trends in Chemical Sciences' organized by Chemistry Dept. Mumbai University.
- Dr. Lakshmy Ravishankar attended an International conference on 'Recent trends in chemical sciences', organized by Mumbai University.
- Dr. Bharat Bhushan Sharma attended a national conference on 'Marine Biotechnology' organized by D.G. Ruparel College.
- Dr. Neelima Kulkarni attended a National Conference on 'Marine Biotechnology' organized at D.G. Ruparel College.
- Dr. Vinod Ragade received Young Scientist Award for research paper presentation at National Conference on Biotechnology at Indapur Dist., Pune.
- Dr. S.S. Barve attended a National Conference held at St. Xavier's College and Ruparel College Mumbai
- Mr. S. L. Dhuri attended National Conference held at St. Xavier's College and Ruparel College
- Dr. Deepali Karkhanis participated in three day workshop titled "Three day workshop on use of statistics in biological science" organized by Mithibai College in January 2007, Participated in two day seminar on industry interface in biotechnology, organized by Dept. of Microbiology, in October 2007, at Karmaveer Bhaurao Patil College, Vashi, Participated in three weeks training course titled "Training programme for post-graduate teachers in biotechnology", sponsored by DBT, Govt. of India, and organized by Institute for Research in Reproduction, between March and April 2007, Parel, Mumbai.
- Ms. Rasika Pawar participated in three day workshop titled "Three day workshop on use of statistics in biological science" organized by Mithibai College in January 2007, Participated in two day seminar on industry interface in biotechnology, organized by Dept. of Microbiology, in October 2007, at Karmaveer Bhaurao Patil College, Vashi, Participated in three weeks training course titled "Training programme for post-graduate teachers in biotechnology", sponsored by DBT, Govt. of India, and organized by Institute for Research in Reproduction, between March and April 2007, Parel, Mumbai.
- Ms. Rupali Wadekar attended National seminar on "Commercialization of Biotechnology" in India, held at Karmaveer Bhaurao Patil College, Vashi.
- Ms. Praseeda Nambisan attended seminar on "Industrialization of Biotechnology", Attended seminar and workshop on "Biostatics", Attended seminar on "Frontiers in Biosciences".
- Mr. Rajendra Patil attended a university level seminar on 'Distributed Computing and Parallel Processing', organized by SIES College, Attended a National level Conference of 'Industry – Academics Synergy, organized at V. G. Vaze College, Attended a National level Conference of 'Open Source Systems' organized at B.N. Bhandodkar College Thane.

- 31. Mr.Amol Kulkarni attended one day certificate course of SPA treatments by Aroma treasures, Attended SCODET ASIA 2007, Attended In –Cosmetics Conference & Exhibition 2007 held at BKC, Mumbai,
- Mrs.Juili Limaye attended In –Cosmetics Conference & Exhibition 2007 held at BKC, Mumbai, Attended SCODET ASIA 2007
- Mrs.Renuka Thergaonkar attended one day certificate course of SPA treatments by Lakme institute, Attended SCODET ASIA 2007, Attended In –Cosmetics Conference & Exhibition 2007 held at BKC, Mumbai
- Dr. Prakash Karmarkar, Librarian attended Workshop on "Training for M.Phil. Cancellers in Library Science" Organized by Y.C.M.O.U Nashik on 28th and 29th March.2007.
- Mr. D. D. Shirsat. Assistant Librarian attended a state level seminar on "Achieving Excellence in Higher Education, Through Library as Resource Centre" organized by V K Krishna Menon College. Bhandup. On 16th and 17th March 2007, Attended a Seminar on Changing Dimensions of Academic Libraries and Impact of NAAC by Vivek College and J.M.Patel College Goregaon on 17th October 2007, Attended workshop on SOUL Software organized by INFLIBNET, Gujarat between 28th May 2007 to 02 June 2007.

Projects in progress: 3

a. Workshops attended/presented papers: more than	98
b. Programmes conducted by departments:	63
c. Refresher courses attended:	06
d. Qualification improved:	04
e. Books/article publications:	06 =177
f. Faculty strength	59

4.2.5

Impact factor

3.00

(Seminars +programmes + refresher + improvement + publications) per faculty
As against 2.7 in the 2006-07

4.2.6 Seminars / workshops organized: 10

4.2.7 Refresher courses/orientation course attended: 04+2 training programs.

Ms. Neeta Kulkarni attended ‘Refresher Course on Women's Rights’ organized by S.N.D.T. Juhu Women's Research Study Centre, at the National level.

Mr. Ajit Kengar completed refresher course in Environmental studies.

Mr. Ashok Awale attended a state level ‘Orientation program’ organized by the UGC.

Mr. Suresh Shendage attended an ‘Orientation program’ organized by Academic Staff College.

4.2.8 College with potential for excellence:

The College was identified as a College with Potential for Excellence under which it received a grant of more than Rs. 60, 00000, the grant has been utilized fully and faculty is actively involved in research and guiding activities.

5.1 Honors/ Awards to faculty:

- Dr G T Paratkar was invited as resource person for principal's conference at Lonavla..
- Dr B B Sharma was appointed as a member of academic council and faculty of science , University of Mumbai.
- Dr.Lakshmy Ravishankar
 - Was paper setter and resource person for the Orientation Cum Selection Camp, to select the Indian team participating in the 39th International Chemistry Olympiad at Korea. The camp was held from May 30th – June 4th, 2007. Was also invited to be a resource person for training the four students of the Indian team participating in the 39th International Chemistry Olympiad held July 2007.
 - Invited as a resource person at the 4-day workshop on 'Preparations for IIT – JAM, held at Ruparel College in December 2007.
 - Appointed as a Board member for the Indian National Chemistry Olympiad - 2008, by the National Coordinator, Science Olympiads.
- Dr.Prakash Karmarkar
 - Appointed on Ad-hoc Board of Studies in Library and Information Science by University of Mumbai. Worked as a Counselor for M Lib Science Courses at YCMOU at Bandodkar College and Karnmaveer Bhaurao Patil College Vashi, IGNOU at Vaze College and Bharati Vidyapeeth Belapur.
- Ms. Mrudula Deosthale Appointed as a Panelist by NCERT on a panel for conducting the interviews of the students who passed in written exams of NTS, all over Maharashtra. The interviews were held at Balbharti, Pune in August. She was also appointed as a Member of Mock Interview Panel which conducted interviews for the Students who appeared for UPSC Main exams by C.D. Deshmukh Institute for Administrative Training, Thane Municipal Corporation in February '07.
- Dr. Vinod Ragade received Young Scientist Award for research paper presentation at National Conference on Biotechnology at Indapur Dist., Pune.
- The paper of Mr R B Patil and Mr K G Bhole on Recent trends in Distributed Computing was awarded a best paper in the national level conference.

6.1 NSS: Community services unit is active and constantly contributing to the social needs. It has also secured a prominent place in university of Mumbai. Several programmes were conducted to bring about AIDS/ HIV and health awareness. Various other programmes, rallies, camps and skits/talks were arranged in which the students participation was inter-active.

6.2: Teachers and officers newly recruited:

Two teachers retired due superannuation. New teachers were recruited on contract basis in lieu of these teachers and others who are on leave under the Faculty Improvement Programme

7.0 Library:

i) The college library has a collection of 45783 books. It subscribes to 82 journals and magazines and three international journals. During the year 2007-08, more than 2500 books and 03 journals were added to the collection. These were purchased through the various grants for the library:

Total Holding as on 31st Dec.2007.

1. Books: - 45783
2. Periodicals: - 85
3. Newspapers: - 14
4. Maps: - 28
5. CDS: - 647
6. Audio/Video Cassettes: - 2500
7. Globe: - 01

General library fund: Rs. 2,40,000.00 for degree college + 1,50,000 for self financing courses

UGC grants: Rs. 1, 15,500.00

Remedial coaching:

Remedial coaching has been an ongoing activity of the college for the last two years to assist the weak students of the SC and ST of various classes in improving their learning skills. The students who want to attend such coaching were also allowed. The response was encouraging initially but decreased at the end of the academic year. a team of faculty has been asked to look into this matter.

7.0.1 Computerization of library:

- The library has purchased the library automation software SOUL from INFLIBNET and the data from WINISIS has been converted to SOUL. The circulation and serials will be implemented soon. New computer terminals are added for this. Mr. D. D. Shirsat. Assistant Librarian was sent for training at INFLIBNET for SOUL Software between 28th May 2007 and 02 June 2007.

A new Multimedia Center has been made available to students and teachers with seven terminals equipped with broadband Internet connection and multimedia access. Nearly thirty five participants can use this room at a time.

7.1: Computerization of administration: the college is committed to bring in automation in administration. It is developing the ERP software with the help of available human resources and infrastructure. Currently

- i) Admissions, fees collection, receipting has been computerized
- ii) Payroll is fully computerized
- v) Accounts section, administration is on separate local area network. While there is a separate network for examination related work and library. The Internet connectivity is provided to these networks.
- vi) Additional computer setup with four PCs was initiated for automation in University related work of enrolment, admissions etc
- vii) The computer laboratories have their separate network with internet connectivity
- viii) The faculty room has separate computer with Internet and library access.

The college has its own website maintained by professionals. It is constantly being updated to make it a tool for dissemination of information.

7.2 Addition of infrastructure:

A new class room is added for the self financing courses as well as for the presentations etc. additional LCDs and laptops are purchased for more utilization of ICT in teaching learning process

Due to frequent power cut and load shading, a separate diesel generator of 100 KVA has been installed to ensure continuous power supply to laboratories and essential utilities. The efforts are made to cut down the consumption of electricity by using eco-friendly devices. Students are informed about the importance of saving of electricity.

Separate reading room facility is now provided to students of career oriented courses with library staff and a computer.

A new Multimedia room has been made available to students and teachers with seven terminals equipped with broadband internet connection and multimedia access, smart board. It has the seating capacity of nearly thirty five participants.

8.1 Parent teacher association:

A parent teacher get-together is organized on 15th August every year. The chief guest is one among our own students' parent. This year Mr. Deshpande was the chief guest for this function. About 380 parents attended the function.

8.2 Student achievement and awards:

- The Veethee, a theatre group in the college made us proud this year by winning performance of its one act play 'aswastha apurnankache padgham' at various prestigious competitions. The play was honored by 55 awards that it really deserved to be called achievement of the year. The entire winning team was invited to perform before huge audience gathered at Solapur for Akhil Bhartiya Marathi Natya Sammelan.
- This year unique programs were organized, to name a few, Fellowship Morning and West Meets East. The programme called 'Fellowship Morning' was organized as inaugural event of Dimensions 2008 an intercollegiate cultural fest, wherein students of North-Eastern states of India were invited. This was an attempt to

establish socio-cultural bond between students having diverse cultural background. This event was widely appreciated and taken cognizance by local media. Another programme called 'West Meets East' was a fusion of Maharashtrian and Naga culture wherein students from Nagaland participated.

- The students participated in the following intercollegiate events during this year. Malhar 07, Kshitij07, Youth festival07 in which Ms Anagha Dhomse got first prize in light vocal, Mantra07 in which Ms Sukanya Kumar got first prize in both classical and western dance competition, Mood Indigo07 in which Siddhi Sonavane got second prize in classical vocal.
- NSS team participated at state level camps and leadership training programmes. They organized rallies and street skits, blood donation camps, Sunday camps, helped NGOs in Pulse Polio camps, Pratham project, peace rally etc.

8.3 Placement services:

The career and placement services committee is helping the present students to make the best of career options available to them. A Two day workshop on personality development was organized. Several reputed companies such as TCS, Edelweiss Securities, Infosys, Patni Computers, Maersk Global services, JP Morgan Chase and others recruited fresh graduates from all the faculties of the college. About 807 students appeared for the campus interviews. Nearly 86 students secured placements in these companies during June 2007 to Dec 2007.

8.4 Scholarships:

The College awarded Government Open Merit scholarships to more than 200 students while 168 students belonging to the reserved categories were awarded scholarships.

9.1 Linkages developed with National/International, academic and research bodies:

The college is recognized as one of the leading academic institutions in University of Mumbai and Maharashtra. The college has continued to render its services to Thane Municipal Corporation in terms of consultancy for Bioremediation of their lakes. The advanced research lab is working for the WHO project. The college has provided technology to farmers for cultivation of Patchouli plant. This experiment proved to be successful and many more farmers are eager to come forward to increase the cultivation.

There is a MOU between the French Institution ISIPCA and the Kelkar Education Trust to conduct such a unique PG course in Perfumery and Cosmetics. Faculty exchange programme is actively under consideration of the management.

9.2 Land mark events:

- The programme called 'Fellowship Morning' was organized as inaugural event of Dimensions 2008 an intercollegiate cultural festival.
- Another programme called 'West Meets East' was a fusion of Maharashtrian and Naga culture wherein students from Nagaland participated.
- College received a special grant of 35 lacs for research and promotion of infrastructure facilities in science departments.

10.0 Proposed plans of the institution for 2008-09:

- i) The college will be completing 24 years of its existence in 2007 and entering into silver jubilee year on 20th June 2008. A grand function for the inauguration of silver jubilee year and many academic, curricular and extra-curricular events are being planned.
- ii) A task force to be setup to improve the services to students and the faculty.
- iii) More emphasis on ICT based teaching learning to be introduced
- iv) Networking of academic institutions and industry is envisaged.
- v) To start short term skill oriented courses for the benefit of staff and students.

Co-ordinator
IQAC

Principal

Dated: 11th April, 2008