



# Annual Quality Assurance Report

Internal Quality Assurance Cell

2010-11

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

**Annual Quality Assurance Report**

2010-11

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## Preamble

### **1.0 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.

### **1.1 IQAC and its constitution:**

The IQAC teacher-members are:

Dr. B.B. Sharma (Principal)

Mrs. M.D. Dewasthale (Vice-Principal)

Dr. S. Pednekar (Coordinator)

Prof. K. G. Bhole

Dr. (Ms) Vandana Panse

Dr. S. B. Dey

Dr. C. V. S. Rangasai

Mrs. Neeta Kulkarni

Mr. Anil Naik

Mrs. Alka Kelkar

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

## 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 extended 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
- v) To initiate the process of re-accrading the report for the third cycle of accreditation

### **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:

To provide a wide range of programmes for the students to enable them to develop their full potential and emerge as well rounded personalities. In accordance with this, the regular and self financing courses worked in tandem with each other.

2) Teaching-learning, Research and Consultancy:

Adjunct professors for research areas in subjects such as Chemistry 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.

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. The College proposes to install the facility of web conferencing to enhance the quality of teaching by connecting with eminent academicians.

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:

To create of corpus fund for development and welfare; thus creating an atmosphere for autonomous institution. Further, to motivate staff and students in basic and applied research and training.

## Part B

### 3.0 Implementation of Peer Team Report as on 2005-06

1) *Curricular plan:*

The year 2010- 11 was celebrated in Maharashtra as its golden jubilee year. Vaze College staff thought it befitting to commemorate this occasion by organizing a two day state level conference entitled Imaging the Past, Envisioning the Future, in January 2010.

The academic calendar began on the 6th of The term end examination generally conducted in the month of October was rescheduled to December.

Further the outbreak of swine flu in Mumbai and other parts of the state impacted the academic year.

The first batch of Bachelors degree in Mass Media graduated this year. The batch took admission to TYBMM in 2008-09. The results of this batch announced in the academic year 2009 - 2010 were very encouraging with a 100% result and more than 86% students securing a first class.

2) *Teaching-learning, Research and consultancy:*

14 research scholars pursuing a doctoral programme in College submitted their theses to the University of Mumbai. This is a record of the largest number of theses to be submitted from any single institution to the University in one academic year. A number of research papers have also been published this year. The CPE tenure ended in 2007. However, after a high level UGC Peer Team and LIC review, the project for CPE is extended for further for the second year for research and training. The Bioremediation project continued in collaboration with civic body TMC.

3) *Infrastructure and learning facilities:*

The College is equipped with the state of art laboratories for Plant Tissue Culture, Animal Tissue Culture, Molecular Biology and Physiology. The facilities and the existing structure available in these laboratories have been upgraded. The ICT concept is further adopted. The web- enabled teaching will be enhanced in due course of time. Increased number power point presentations by students and teachers were reported this year. The teachers were provided with the facility of using ICT in class room presentations whenever demanded. The multimedia centre is already in use. It is equipped with the internet facility and a smart board. The internet facility has been extended to several departments as well as the Staff Common Room.

4) *Student support and progression:*

The Students' Council has been very active in the College. The Council organized a programme titled 'Meet The Principal' wherein the students had the opportunity to interact freely with the Principal. This was in the form of suggestions and discussions pertaining to issues related to the students. An open platform that provides for free expression of students' opinions is well received by all.

5) *Organization and management/ healthy practices:*

- There was a change in leadership with the incumbent Principal opting for voluntary retirement and a new Principal taking charge. The College has a policy of appointing, from among its senior faculty, a new Vice Principal every three years. A new librarian was appointed in lieu of the librarian who superannuated. The Local Managing Committee was reconstituted for the next five years i.e. 2009 – 2014. The new teacher representatives are Mr. Jayprakash Sutar, Dr. Preeta Nilesh and Mr. Anil Naik.
- The teachers were aware of the fact that the strike would adversely affect the students' academic year. Hence the loss of teaching days was compensated for by the teachers by curtailing the Diwali vacation from three weeks to four days. Further, there was no winter break for Christmas. The second term extended into the second week of May. This ensured that the number of working days in the second term were adequate and as per the norms of the University. Thus, despite the teachers' strike, the students were unaffected at the end of the academic year.
- The teaching and non teaching staff of the College was called upon for rendering services in the conduct of the Lok Sabha and the State Vidhan Sabha elections. Several training sessions were attended by the staff members and they participated whole heartedly in the national duty.

### 3.1: New academic programmes:

There was an overwhelming response for admission to the courses in this academic year too.

### 3.2 Student strength:

#### *Arts Faculty*

Class	Men	Women	Total
First Year BA	48	176	224
Second Year BA	20	160	180
Third Year BA	21	151	172
Total	89	487	576

#### *Science Faculty*

Class	Men	Women	Total
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First Year BSc	72	106	178
Second Year BSc	43	56	99
Third Year BSc	44	39	83
Total	159	201	360

*Commerce Faculty*

Class	Men	Women	Total
First Year BCom	177	288	465
Second Year BCom	159	291	450
Third Year BCom	155	243	398
Total	491	822	1313

*Self Financing Courses*

Class	Men	Women	Total
First Year BSc IT	20	22	42
Second Year BSc IT	19	39	58
Third Year BSc IT	19	33	52
First Year BSc Biotechnology	06	27	33
Second Year BSc Biotechnology	08	21	29
Third Year BSc Biotechnology	06	23	29
First Year BCom Banking and Insurance	13	48	61
Second Year BCom Banking and Insurance	15	44	59

Third Year BCom Banking and Insurance	15	41	56
First Year BCom in Accounting and Finance	15	51	66
Second Year BCom in Accounting and Finance	22	37	59
Third Year BCom in Accounting and Finance	14	46	60
First Year BMM	19	44	63
Second Year BMM	16	43	59
Third Year BMM	14	45	59

*PG Students*

Class	Men	Women	Total
MSc I & II	09	13	22
PGDPCM I & II	27	55	82

Research scholars: 16

*Summary:*

	Men		Women		Total	
	strength	percentage	strength	Percentage	strength	percentage
Reserved category						

**Academic results: June 2009**

Class	I Class	II Class	Pass class	Appeared	Pass %
TYBA	88	71	07	173	
TYBSc	87	33	02	134	
TYBCom	240	97	28	428	86.91

Number of Students on roll (on 31<sup>st</sup> March 2010) for University courses leading to various Degrees and Diplomas.

Class	No. of Male Students	No. of Female Students	Total
(a) Under-graduate	960	2074	3034
(b) Post-graduate	36	68	104
<b>Grand Total (A + B)</b>	<b>996</b>	<b>2142</b>	<b>3138</b>

Number of Students belonging to SC, ST, DT & NT.: ( Please give the number of Students as on 31<sup>st</sup> March 2010 . Do not include the number of EBC Students)

Male                      Female                      Total

Scheduled Castes	121	227	348	
Scheduled Tribes	26	35	61	
Denotified Tribes/ V.J./N.T. SBC)	195	282	477	(+ OBC and
<b>Total</b>	<b>342</b>	<b>544</b>	<b>886</b>	

### 3.4 Distinctions:

#### *Curricular*

- Dr B.B. Sharma received '**Best Teacher Award**' from the Government of Maharashtra, was awarded the '**Best Teacher Award**' by the University of Mumbai and honored with the award by the State Government, New Delhi.
- Dr. Bhambhani received his doctorate in Physics from the Univ. of Mumbai in 2010.
- Dr. Neelima Kulkarni presented a research paper at an International Conference at Aurangabad on 2/11.
- Dr Preeta Nilesh was a Discussant for the book by Jaswant Singh "**Jinnah - India - Partition - Independence**" at Nehru Centre, Worli, October 2009.
- Ms. Vidya Menon was awarded first prize at Avishkar 2009, "Inter-University Research Festival" held at Solapur for her paper presentation.

#### *Sports:*

#### **Shriya N. Vidwans**

- Won Silver Medal in 4 x 400m relay at 3rd Asian Indoor Games held at Hanoi, Vietnam in Oct. 2009.
- Won 2 Gold Medals in 200 & 400m at West Zone Athletic Championships at Jabalpur and also awarded Best Athlete Award.
- Won 1 Gold, 1 Silver Medal & 1 Bronze Medal in 4 x 100m relay, 200m, 400m respectively at Interzone Junior National Championships held at Chandigarh, Sept. 2009.
- Silver Medal in 100m at Sprint National Championships held at Patiala, Sept. 2009. Won 3 Gold, 1 Silver Medal in 400m, 4 x 100m relay 4 x 400m relay respectively at Ashwamedh Inter University State Level Championships held at Dapoli in Dec. 2009.

#### **Shreyas P. Parkar**

- Selected for International Swimming Competition at Taiwan (Taipei), Deaflympic, Sept. 2009

#### **Mugdha K. Surve**

- International Karate Competition held at Nepal and selected for World Championship Karate Competition at Argentina.

#### **Amruta Bhuskute**

- Selected as Captain of Indian (under 16) Basket Ball Team at the Asian Championship, Balewadi, Pune.
- Selected for July 2009 F.I.B.A. Asian Championship, Singapore.
- Selected for School National at Andhra Pradesh, under 18 Girls National, Indore, MP.

#### **Shraddha Ghule**

- Gold Medal, Long Jump Inter University Championship
- Gold Medal, Long Jump & Triple Jump All India University, Chennai & Ashwamedh (Inter University)
- Bronze Medal, Triple Jump National Senior Athletics Championship
- Silver Medal, Long Jump & Triple Jump National Junior Athletics Championship
- Gold Medal, Long Jump & Triple Jump West Zone Athletics Championship

#### **Mr. Sunil Surve** (library staff)

- won the first prize in chess at the Association of Non Teaching Staff of Non government Colleges Inter collegiate competition held in 2009 and

#### *External Scholarships*

- Mr. Sudhakar Chavan (Library Staff) Best Zonal Officer for Vidhan Sabha Election 2009
- Mr. Ashok Dayate (Dept. of Biology) Best Booth Liaisoning Officer for Vidhan Sabha Elections 2009
- Mr. Surendra Deokule (Office Staff) Best Booth Liaisoning Officer for Vidhan Sabha Election 2009
- Ms. Kranti Ghadigaonkar (Dept. of Chemistry) Best Booth Liaisoning Officer for
- Lok Sabha & Vidhan Sabha Elections 2009

#### *Extracurricular activities*

- Dr. Susmita Dey, Dr. Sonali Pednekar & Ms. Alka Kelkar participated in an all Women's Car Rally - Lavasa Women's Drive - held on 7th March 2010. They supported the social cause of "Empowerment of Women Through Education of The Girl Child"

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#### **Aakash Raut**

- Bagged 1st place in Cosmos Test of Walia College for Mono Acting.
- Secured Silver Medal for Mono Acting in Youth Festival of University of Mumbai.
- Bagged 1st place for Mono acting in Zonal Round of Youth Festival at University of Mumbai.
- The two one act plays (Pauspakshi & Jeena Yaha Marna Yaha) held on 19th & 25th Sept. respectively of Avishkar 2009-10 were directed by him.
- In Dimension 2009-10, the event 'Salam India' was directed and scripted by Aakash Raut & Sangram Samel

**Shruti Saraf and Akshay Kulkarni** received a certificate of appreciation for acting from Sanskrit Maharashtra Rajya Natya Competition, 2010

- Dept. of History & Dept. of Chemistry organized Alumni meets which evoked an overwhelming response from the former students of these departments. They enthusiastically attended the meets in large numbers.

### **3.5: Curricular design and transaction**

Vaze College faculty are members of University Bodies such as the Unfair Means Committee. Four senior faculty are members of the Board of Studies of the University of Mumbai while one is on the Board of Studies of S.N.D.T University. Many of the faculty members are members of the University syllabus revision committees of various subjects. One teacher is a member of the Indian Chemical Society of India. Almost all staff members are on various Interview panels for selection and career advancement of Lecturers in the different colleges of the University.

Eight research guides are involved in guiding the students for PhD, M. Phil and MSc by research degree in the subject of Botany, Zoology, Economics, Biotechnology, Chemistry and History. The College has the largest number of recognized guides in the Departments of Biological Sciences in the University of Mumbai. These departments also have the largest number of students registered for doctoral research in the University of Mumbai.

In the academic year 2009 – 10 as many as 14 research students submitted their doctoral dissertations and theses to the university. This is the largest number of theses to be submitted by a single institution to the university in one academic year, Some of the faculty members are recognized PG teachers and actively involved in taking lectures at University for PG Classes.

Several colleges from the vicinity have a tie up the College for the course of M.Sc. IT and resources and faculty of all colleges are shared for the same. The College functions as the center for this programme. Students from various colleges avail of the facilities offered by the College.

### **4.1 Faculty Development Programme**

Two faculty members, Mrs. M K Shanta and Mr Ajit Kengar have been granted leave under the UGC XI Plan, to pursue their Ph. D studies.

## UGC Funding:

The college has received 42,00,000/- from UGC as Basic Research facility grant for Chemistry, Physics, Mathematics, Botany, Information Technology and Zoology departments.

## 4.2 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, ICSSR, University of Mumbai etc. There are research consulting projects sponsored by industry and civic bodies.

### 4.2.2: Patent:

Patent (1122/MUM/2007 A) has been published in the name of Kelkar Education Trust's research Centre, Bhagyashree Hardikar and Caroline Mathen for the invention titled "Insect extract based cytotoxic (anti neoplastic) agent", Patent office journal, 19<sup>th</sup> June 2009

The scientific research center continues work on a DBT project for which it 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 the college.

Dr. Bhagyashree Hardikar has completed one Major research project entitled: "In Vitro cytotoxic activity of natural products, crude extracts of *Poecilocerus pictus* and its food plant *Calotropis gigantea* and their characterization.

She has also coordinated a Teacher Training Programme on Animal Cell Culture at Lady Tata Memorial Trust, Mumbai.

Mrs. Avantika Kanade conducted a survey on Career Awareness among Junior College students

### 4.2.3 Ongoing Projects

#### Major Projects:

- 1) Dr. Bhagyashree Hardikar has been sanctioned Rs. 6.71 lacs as UGC major research project. Her project is titled "Evaluation of *in vitro* cytotoxic activity of the natural products, the crude extracts of *Poecilocerus pictus* and its food plant *Calotropis gigantea*, and their characterization."

- 2) Dr. Bhagyashree Hardikar has also coordinated the Workshop entitled “Cell Culture and its application” under the Teachers’ Training Program sponsored by Lady Tata Memorial Trust in 2009 where she has received Rs. 3.65 lacs of which Rs. 2 lacs was utilized for the purchase of instruments.
- 3) Dr. Manjushree Deodhar has received a UGC major project for Rs. 659800.00 for the period April 2008 to March 2011. Her project is titled “To study the Genetic Diversity and Identification of sex specific marker in endemic species *Garcinia Indica*”. She has received Rs. 3.63 lacs out of the sanctioned amount.

*Minor Projects:*

- 1) Dr Sonali Pednekar was awarded a Minor Research Grant from the University of Mumbai in 2009 – 2010 for a project entitled a study some Architectural Buildings in Thane. She received an amount of Rs 8000.00.
- 2) A Minor research project titled “Situating Colonial Hospitality in Nineteenth Century Bombay” sanctioned by the UGC was completed by Dr.Preeti Nilesh. She had received a grant of Rs. 70,000/-
- 3) A Minor research project titled “Applications of Ultrasound in Surfactant mediated Organic synthesis in water was completed by Dr. Lakshmy Ravishankar in the academic year 2009-2010. Amount sanctioned was Rs.30,200/.
- 4) Dr Dinesh Kumar completed a Minor Research Project funded by the University of Mumbai, titled “Psychological Probing and Moral Ambiguity in the Short Stories by Pakistani Women,” 2009

#### **4.2.4 Research papers presented**

##### **Presentation of research papers**

##### **Dr. B.B.Sharma**

- 1) Presented a Paper on '**Anti-inflammatory**' activity of **Ulva Fasciata**” at an International Seminar at Krishna Murthy Institute, Chennai.
- 2) Presented a paper titled “**Evaluation of Marine Alga Gracilaria Forifera for its nutritive value**” at an International Seminar organized by Institute of Algalogy, Chennai.

##### **Dr. Susmita Dey**

- 1) Presented a paper titled “**Group Activity as a Means of Realizing Individual Potential in Large Mixed Ability Classes**” at ELT Circle at an International Seminar, Chennai, August 2009



- 2) Presented a paper titled **“A study of Literary Competence Achieved by Students in a Text Based Learning Environment”** at an International Conference organized by CITS Kuching, Sarawak, Malaysia, November, 2009.

**Dr. Dinesh Kumar**

- 1) Presented a paper titled **“Marginality Afloat : Ethnicity Caste and Class in a Colonial Ship in Amitav Ghosh’s “Sea of Poppies”** at an International Conference organised by BAMU, Aurangabad, February 2010.

**Dr. Nilakshi Roy**

- 1) Presented a paper titled **“Schooled and Classed : Portrayal of the Girl-child in British Asian Fiction from the 1980s onwards”** at an International Conference organized by Melus-Melow and Chandigarh Sahitya Academy, Chandigarh, February 2010.
- 2) Presented a paper titled **“Not Just a City by the Sea : Bombay/Mumbai in Rohinton Mistry's Fiction”** at a National Conference organized by Department of English and the Mass Media Department of Sophia College and Sophia Centre for Women's Studies and Development on **“Mumbai in Literature, Art and Film”**, January 2010.
- 3) Presented a paper titled **“Flaming Spirit: Stories of Families by British Asian Women Writers”** at an UGC sponsored State Level Seminar on **“Feminist Reading of Short Stories Written by Women Writers”** organized by the English Dept. of L. J. N. J. Mahila Mahavidyalaya, Mumbai, November 2009.

**Dr. Prakash Parab**

- 1) Presented a paper titled **“Sanskrit va English yakaranacha Marathi vyakaranavaril Prabhav”** at a Seminar conducted by 'Marathi Sanshodhan Mandal', Mumbai .
- 2) Presented a paper titled **'Marathichya Uccha Shikshanache Vistarikaran’** at a Conference organized by Marathi Department and Marathi Abhyas Manadl in University of Mumbai.
- 3) Presented a paper on **“Marathi Shudhalekahnache Sulabhikaran Kiti Shakya Aahe?”** at a Seminar organized by Mumbai Marathi Sahitya Sangh.

**Dr. Lina Thatte**

- 4) Presented a paper titled **“Socio-economic Impact of Solid Waste Management Practices in Navi Mumbai”**, at Indian Society for Ecological Economics, Ahmedabad January 2009.

- 5) Presented a paper titled **“Ecological Modernization Theory: A Case Study of India”** at UGC National Conference organized by Birla College, Kalyan, March 2009

#### **Dr. Ashok Mishra**

- 1) Presented a paper at a National Seminar on **“Badalta Samaj aur Patrakarita”**, K.C. College, Mumbai.
- 2) Presented a paper at a National Seminar on **“Hindi Natakon ke Vividh Rup: Ashad ka Ek Din”** organized by L.J.N.J. College, Vile Parle and U.G.C.

#### **Ms. Manasi Kedari**

- 1) Presented a paper titled **“Politics of Sugar Co-operatives in Maharashtra-Success, Challenges and Crises”** in UGC sponsored State Level Seminar organized by Gogate-Walke College, Banda, Sawantwadi, January, 2010
- 2) Presented a paper titled **“Empowerment of Women through Self Help Groups with Special Reference to Maharashtra”** in UGC sponsored State Level Seminar organized by Shailendra Education Society's College, Dahisar, February 2010.
- 3) Presented a paper titled **“White Collar Crime against Women: Gendered Income Disparity with Reference to the Glass Ceiling Effect”** in UGC sponsored National Seminar organized by M. D. College, March 2010.

#### **Dr. Neeta Mehta**

- 1) Presented a paper titled **“Coronary Heart Disease: A Case of Changing Perspective on Health/Disease and the Need of Multi- Pronged Approach to Prevention and Intervention”** at an International Conference, Jaipur, September, 2009
- 2) Presented a paper titled **“Creating Awareness and Activating Change about Learning Disabilities: The Power of the Popular Movie the “Taare Zameen Par”** at the 8 International Conference organized by City University of Hong Kong, Hong Kong, December 2009.
- 3) Presented a paper titled **“Mind-Body Dualism: A Critique from a Health Perspective ”** at an International Conference organized by VPM's Joshi- Bedekar College, Thane, January 2010.

#### **Ms. Reeta Kamble**

- 1) Presented a paper titled **'Women Employment: A Shift from Formal to**

**Informal Sector”** at a State Level Conference organized by Kirti College, Dadar, February, 2010.

- 2) Presented a paper titled **“White Collar Criminals: Psychological Perspective in the High-tech World”** at a National Conference Organized by M. D. College, Parel, March 2010.

**Ms. Sushila Yadav**

- 1) Presented a paper titled **‘Women Employment: A Shift from Formal to Informal Sector’** at a State Level Conference organized by Kirti College, Dadar, Feb., 2010.
- 2) Presented a paper titled **“White Collar Criminals : Psychological Perspective in the Hightech World”** at a National Conference organised by M.D.College, Parel, March 2010

**Dr. C.V.S. Ranga Sai**

- 1) Presented papers titled **“Identifying and Developing Quality Management systems”** and **“Role of IQAC in the Management of an Institution”** at a National Conference (NAAC) on “Quality in Management of Institutions”, Digboi College, Digboi, June 2009.

**Mr. Krishna Bhole**

- 1) Paper presented on **“Declining Enrolment in Physics: Some Remedies – Vaze College Model”** at a the State Level (UGC & IAPT) Seminar organized by Dayanand College, Latur.
- 2) Presented a paper on **“Avenues in Electronics”** at a Seminar organized by K. J. Somaiya College.
- 3) Convener to organize **“Technical Paper Presentation on Information Technology”** at an Intercollegiate Paper Presentation in V.G.Vaze College.
- 4) Presented Papers at NCISE-2010 held at AVIT- Chennai, a National Conference on Information and Software Engineering 2010 :

**“Distributed Database Implementation using Data Clustering”** by Suchita Paleja and K.G.Bhole.

**“Distributed Architecture based on CORBA”** by Anagha Khare, K.G. Bhole et al.

**Dr. Sanjeevani Jain**

- 1) Presented a paper titled **“Working Class Movement: Scope and Challenges”** at a National Conference organized by Department of Civics and Politics, University Of Mumbai.

**Mr. Suresh Kadam**

- 1) Presented a paper titled **“Chandrayan-Promises and Concerns”** at a State Level Seminar organized by MSERT Pune, at Gopal Sharma Memorial School, Powai
- 2) Paper presented on **Nanotechnology and Nano biotechnology** at Model College, Dombivali.

#### **Dr. S. S. Barve**

- 1) Presented **21 part serial on Darwin** in Marathi Daily Loksatta, April 2009
- 2) Presented **7 lectures** in series **“Career Hiways”** arranged by Career Foundation, Mumbai.
- 3) Presented **“Evolution workshop”** at Nehru Centre, Mumbai.

#### **Mr. Amol Kulkarni**

- 1) Presented poster on **'Neutricosmetics-A Future of Cosmetics Industry in the two days National Conference on 'Emerging Trends in Life Science'** organized by N. B. Mehta' College, Bordi, Thane.

#### **Dr. Neelima Kulkarni**

- 1) Presented a paper titled **“Effects of Altered Coastal Features on Biological Diversity of Molluscs at Dadar, Mumbai : A case Study”** at a National Conference organized by the University Department of Zoology, Aurangabad and Indian Association of aquatic Biologist, October, 2009. It appeared in the proceedings of the conference, October 2009.

#### **Dr. Vinod Ragade**

- 1) Presented a paper titled **“ Effects of Organophosphate Pesticide Monochrotophos on Liver, Gill and Kidney of Freshwater Fish Channa Punctatus”** at International Conference organized by Ubonrastchani University, Thailand, January 2010.

#### **Dr. Sonali Pednekar**

- 1) Presented a paper titled **“Reflections of Local History through Powadas”** at a National Seminar organized by Indian Historical Studies, L.J.N.J. College, Vile Parle, October 2009

#### **Dr. Preeta Nilesh**

- 1) Presented a paper titled **'The first brick in English Education for girls: Alexandra Girls English High School'** at a National Seminar organized by Cama Oriental Institute, January 2009.
- 2) Presented a paper **'Food and Hospitality in the 19 century Bombay'** at a Local Seminar organized by S.I.E.S college, January 2009.
- 3) Presented a paper **'Women in Civil Society: A nCase Study of Mumbai'** at an International Conference organized by University of Sacramento, California, May 2009.
- 4) Presented a paper **'Bollywood and the Gujarat Riots of 2002': Cultural Images in Films"** at an International Seminar organized by European Sum'**Visual Perceptions of Food in a Bustling Metropolis:** Summer School in Cultural Studies, Copenhagen, Denmark, August 2009.
- 5) Presented a paper **A Case Study of Mumbai' at an International Conference** organized by CPRAC SIS, Trissur, Kerala, September 2009.
- 6) Presented a paper titled **'Folklore of Kerala: Shared Spaces for Communal Harmony'** at a state level seminar organized by Mani Kamerkar Memorial, Bhavans College, October 2009.
- 7) Presented a paper titled **"They Called it "Unholy": British Perceptions of the Holi Festival "** at a National Seminar organized by Institute of Historical Studies, L.J.N.J College, Vile Parle, October 2009.
- 8) Presented a paper titled **"Engendering The History Syllabi of the Mumbai University"** at a State Level Seminar organized by WSC, University of Pune, November 2009.

#### **Mr. Rajendra Patil**

- 1) Presented a paper at National Conference on **"Software Engineering"** at Chennai along with students, Feb. 2010.

#### **4.2.5: Publication of research papers**

##### **Dr. Susmita Dey**

Wrote a paper **"Text and Context: Aesthetic and Social Dimension of British Asian Women's Writing"**. Published in South Asian Review Vol XXIX 2008, published by University of New Mexico, Department of English, and Albuquerque in 2009

##### **Dr. Nilakshi Roy**

- 1) Wrote a paper 'Publishers' **pup(pet)'s published in Phalanxonline, an e-journal in issue 3, 2009**, by [www.phalanx.in](http://www.phalanx.in).
- 2) Wrote a paper **"Ethnic Masala: The Publication Scenario of British Asian writing from 1980s to the 2000s"**, published in Vidyasagar College Kolkata, proceeding of UGC sponsored National Conference.
- 3) Wrote a paper **"Text and Context: Aesthetic and Social Dimension of British Asian Women's Writing"**. Published in South Asian Review Vol XXIX 2008, published by University of New Mexico, Department of English, Albuquerque in 2009.

#### **Dr Neeta Mehta**

Contributes as a Subject Expert in the magazine called **"Sailor Today"** since January 2009. The column deals with various psychosocial issues faced by seafarers and their families

#### **Dr. Nitin Mirgane**

- 1) Papers published at International Level : A paper titled **"Ionic Liquid Promoted Diels : Alder Reaction of Anthrone & Maleimides,"** is published in Central European Journal of Chemistry by Springer Publisher.
- 2) Papers published at International Level : A paper titled **"Chiral Ionic Liquid Mediated Diels-Alder Reaction of Anthrone Enolate and Maleimides"** is published in Letters in Organic Chemistry by Benthan Publisher.

#### **Dr. Lakshmy Ravishankar**

Authored a Paper titled **"CeCl . 7H O 3 2Catalyzed Synthesis of Schiffbases: A Green Approach"**, Published by Synthetic Communication Publication Body : Taylor and Francis, USA

#### **Dr. S. S. Barve**

Published a paper titled **"Application of Proteases isolated from Bacillus Species in Enzymatic Cleansing of Contact Lenses"** in Biotechnology Journal, 2009

#### **Mr. Amol Kulkarni**

- 1) Published Article on '**Asteracantha Longifolia** – As Anti-aging in Cosmetics in Entire Research Journal.
- 2) Published Article on '**Nagarmotha Oil** : Value Enhancer for Oriental Fragrances in Fafai Journal.

**Ms. Renuka Thergaonkar**

- 1) Paper published on **Skin Care Cosmetics** in Indian Medical Digest.
- 2) Paper published on "**Herbal Cosmetics**" in Indian Chemical Digest.

**Dr. B.B.Sharma**

- 1) The Paper titled "**Antimicrobial Activity of Leading Brands of Toothpastes**" published in 'Entire Research' 2009.

**Dr. Bhagyashree Hardikar**

- 1) The Paper titled "**Antimicrobial & Cytotoxic Activities of Streptomyces species from Lonar Lake**" published in African Journal of Biotechnology, December 2009.

**Dr. Neelima Kulkarni**

- 1) The paper titled "**Assessment of Water Quality at Dadar Beach, Mumbai, Maharashtra, West Coast of India**" published in International Journal 'Bionano Frontier' in January 2010.

**4.2.6 Books published**

**Dr. Susmita Dey, Mrs. Shubhangi Karnik, Dr. Nilakshi Roy, Dr. Dinesh Kumar**, co-authored a text book on Business communication for students of FYBCom, and a Workbook on Communication Skills for students of FYBA.

**Dr. Dinesh Kumar** wrote a book titled "**Translation: Theory and Practice**", Published by the Institute of Distance Education, the University of Mumbai.

**Dr Anil Vaidya**

Authored books “**Calculus and Analytic Geometry, Paper I**”, and “**Discrete Mathematics Paper II**”, published by Sheth publisher.

#### **Dr. Lakshmy Ravishankar**

Authored a book titled “**Laboratory Courses in Organic Chemistry: A Case Study**” published in ‘Chemical Education in the ICT Age’, Book of proceedings, Springer

Publication

#### **Mr. Krishna Bhole**

Authored a book titled “**A New Course in Physics**” for F.Y.B.Sc. Physics Course and

S.Y.B.Sc. Physics Vol. I & III, Published by Seth Publishers, Mumbai.

#### **4.2.7 Seminars, Conferences Attended**

All the faculty presentation of research papers were at various conferences, seminars that they attended.

Many of the teachers actively participated in workshops and seminars organized by the University or other colleges for the reframing of the syllabi in their respective subjects.

#### **4.2.8 Organization of courses, workshops, seminars, guest lectures etc:**

- 1) A two day state level conference “Imaging the Past, Envisioning the Future” was organized by the Social Sciences and Humanities departments of the college on 22<sup>nd</sup> & 23<sup>rd</sup> January 2010. It was jointly sponsored by UGC and ICSSR
- 2) The Department of Hindi organized a University level workshop on the Syllabus of SYBA paper III in November 2009
- 3) The Department of Economics has been conducting a certificate course in Quantitative Techniques for the last 18 years. It also conducted a competency test in Economics this year based on reading material on “Sustainable Development” and “Indian Multinationals”.
- 4) Guidance lectures in Economics were organized for the students of TYBA by inviting faculty of other colleges to talk to the students on preparation for the University examinations.



- 5) A one week summer training programme in Plant Tissue Culture and Molecular Biology was organized by the Department of Botany.
- 6) Department of History conducted a ten week Certificate Course in Manuscriptology (Modi Lipi) for students.
- 7) The Department of History organized a photo exhibition on American History in collaboration with the American Library, Indo-American Centre. The department also organised a programme on career talks by seven alumni of the department.
- 8) Department of Political Science organised a guest lecture by Shri Shailendra Mishra, IPS Officer, on Bureaucracy as a career option.
- 9) Department of Sociology organized a guest lecture by Sunita Pathak on Understanding Gender through Human Consciousness and Values, 2009.
- 10) The Department of Chemistry organized several lectures for the students.
- 11) The Department of Information Technology organized a workshop on M.Sc. (I.T.) Part II
- 12) The PGDPCM course organized several guest lectures by imminent personalities from the industry.
- 13) The Dr. R. A. Kulkarni Memorial Lecture was delivered by Shri Deepak Ghaisas.
- 14) A guest lecture on 'Wild Life Poaching and Illegal Trade' by Ms. Tejaswini Patil the Zonal Director – Wild Life (East Zone) was arranged.
- 15) A talk on 'Bio-prospective of Anticancer Molecules, the Achilles Heal' was delivered by Dr. Kalpana Joshi on the occasion of Science Day, March 2010.

Projects in progress: 2

a. Workshops attended/presented papers:	55
b. Programmes conducted by departments:	15
c. Guest lectures delivered:	33
d. Qualification improved:	04
e. Seminars organized	15

f. Books/article publications: 21

g. Faculty strength 58

#### **4.2.9 Impact factor**

(Seminars + programmes + refresher + improvement + publications) per faculty = **2.46**

[As against 2.017 in 2006-2007]

#### **4.2.10 Seminars / workshops organized: 15**

#### **4.2.11 College with potential for excellence:**

The College was identified as a College with Potential for Excellence from 2004 – 2007 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. Thereafter, the grant was further extended in the year 2007-08 and 2008 -09 during which Rs. 35 lacs and Rs. 42 lacs were granted.

#### **5.1 Honors/ Awards to faculty**

The project of Bioremediation of lakes in Thane was awarded with the Best Innovative Project Award for Government –industry Interface by CRISIL.

**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.

**Community Service:** Ten members of the non teaching staff were sent on deputation for a period of one year to the election office, Mumbai to assist in the conduct of the Lok Sabha and the Vidhan Sabha elections.

#### **6.2: Teachers and officers newly recruited:**

New teachers were recruited on contract basis in lieu of teachers who are on leave under the Faculty Improvement Programme.

## **7.0 Library:**

i) The college library has a collection of 48193 books. It subscribes to 65 journals and magazines and three international journals. During the year 2008-09, more than 2400 books and 03 journals were added to the collection. These were purchased through the various grants for the library:

*Total Library Collection as on 31st Dec.2009:.*

1. Books: - 48241
2. Periodicals: - 65
3. Newspapers: - 16
4. Maps: - 28
5. CDs: - 751
6. Globe: - 01

General library fund: Rs. 2,70000.00 for degree college + Rs. 4,44000.00 for self financing courses.

*UGC grants: Rs. 1, 41103.00*

Four of the library staff were on deputation for election duty in the year 2009 10.

*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 assigned to look into this matter.

## **7.1 Computerization of library:**

The library has upgraded the library automation software from SOUL 1.0 to SOUL 2.0. The circulation and serials will be implemented soon. New computer terminals are functional and enable the smooth and efficient functioning of the library. The Assistant Librarian who has been trained for this purpose oversees this functioning.

**7.1.1: 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
- vi) 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.
- vii) Additional computer setup with four PCs was initiated for automation in University related work of enrolment, admissions etc
- viii) The computer laboratories have their separate network with internet connectivity
- ix) 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:**

Due to frequent power cut and load shedding, 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.

## **8.1: Parent teacher association:**

A parent teacher get-together is organized on 15<sup>th</sup> August every year. It is an annual feature of the college to invite as Chief Guest one of the parents of the student who has secured admission to the college during the year. This enables us to understand the expectations that the society has from us and simultaneously assists us in reaching out to them. Over the years we have found this to be an extremely fruitful exercise. However, this year the function could not be organized due to the spread of swine flu and the state government directive to keep educational institutions closed and restrain from organizing public events.

## **8.2: Student achievement and awards:**

- Ms. Vidya Menon was awarded the first prize at Avishkar, the Inter University Research Festival held at Solapur in the category of Pure Science.
- NSS team participated at state level camps and leadership training programmes. They organized rallies and street skits, blood donation camps, drug addiction awareness camp, consumer guidance camp, 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. More than 400 students registered themselves with the Cell for placements. A Two day workshop on personality development was organized. Several reputed companies such as WNS Global Services, Ariston Capital Services, Wipro BPO, Patni Computers, The Thane Janata Sahakari Bank, Citi Technology Services, JP Morgan Chase, Accenture and Adnet Infosystem and others recruited fresh graduates from all the faculties of the college. Career Exhibition entitled "Career in Arts and Commerce" was organized by the Placement Cell

## **8.4: Scholarships:**

The College awarded Government Open Merit scholarships to more than 200 students while 160 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 the leading academic institution 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 program is actively under consideration of the management.

### **9.2: In memorium:**

A few months after the sad demise of the Chairman of Kelkar Education Trust Shri Govind D. Kelkar alias Bhausaheb Kelkar, his wife, Smt. Sushanta on 2<sup>nd</sup> March 2010. The Management, Staff and students of Vaze College will deeply miss his presence amidst us, but his vision will continue to be the guiding force in our future endeavours.

### **10.0 Proposed plans of the institution for 2010-2011:**

- i) A task force to be setup to improve the services to students and the faculty.
- ii) More emphasis on ICT based teaching learning to be introduced
- iii) Web conferencing to be implemented
- iv) Initiate the process of II round Reaccreditation. The college is due for re accreditation shortly.
- v) Networking of academic institutions and industry is envisaged.
- vi) To start short term skill oriented courses for the benefit of staff and students.

Date:

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Co-coordinator

IQAC

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Principal

