

THE ANNUAL QUALITY REPORT



Government of Maharashtra's
Elphinstone College
156, M.G. Road, Mumbai 400 032

2010-2011

Part A:

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved towards the end of the year.

The Vision of the College is:

To kindle the spirit of learning among the youth, irrespective of socio-economic differences, to consistently pursue excellence preserving the tradition of high reputation while meeting the challenges of globalised world.

The plan of action to translate this vision into achievements includes:

- Presentations were made through the IQAC to enlighten the teaching staff on two themes: Academic writing on 2/7/2010, and how to acquire research grants from various sources on 9/7/2010.
- Wider coverage of internet facility
- Systems initiated to start admissions on an online basis.
- Providing a wider platform to the counsellor considering the rise in the suicide rates among the youth.
- Streamlining the result procedure to create system for in-house preparation of results along with printing of mark-sheets.

As a result the following outcomes were achieved:

- More staff members applied for minor and major research projects.
- 30 computers were installed in the library for accessing internet for the benefit of the students.
- Counsellor visited classes especially S.Y.J.C. science, where a large number of students experience an intense examination stress. A 24 hour helpline was introduced before the examinations to prevent distress among the students, and information about this system was given on the College Annual gathering to ensure a wide reach. This was highly appreciated by the parents.

SECTION –B

1. Activities reflecting the goals and objectives of the institution

Following its vision, as a higher education institution managed by the Government of Maharashtra, the College is committed to the mission to ensure:

- Equal Opportunities of Education to all,
- Holistic Education ensuring all-round development of students.
- Creation of human capital, which can be an asset to the nation.

College consistently strives to design and implement activities to realize the above goals/mission.

Equal Opportunities of Education to all:

Following the Constitution of India, shaped by one of the most illustrious alumni of the College, Bharat Ratna Dr. Babasaheb Ambedkar, the College works to ensure that socio-economic differences in the wider society do not harm opportunity of education to any student or group of students. Various schemes run in the College reflect a focused effort towards realizing this mission. This includes:

1. **Earn and Learn scheme:** Here economically underprivileged students are given work such as helping with office work during admission period, registering books in the library, etc. This helps to College to fill the manpower gap, while at the same time boosts the self esteem of these students, increasing the sense of belonging towards the institution among them.
2. **Book Bank scheme:** This scheme is also for economically underprivileged students, especially in self finance courses. These books are not easily affordable as they are meant for professional courses. The books are in the custody of the concerned department, and students are allowed to use them during an academic year.
3. **Mentorship:** Each department has implemented mentorship in a manner that optimizes facility for the teacher and the taught without compromising with the quality of mentorship. Students enjoy a special relationship with their mentors, and are free to discuss any sort of problem with their teacher- guide- and friend. Students are also referred to the professional counselor when found necessary.
4. **Professional counseling:** College has a professional counselor who visits the College thrice every week. Considering the rising suicide rate among the students due to examination stress, special sessions were conducted by our counselor before the examinations especially for S.Y.J.C. Science students where the incidence of suicide is reportedly very high.
5. **HEPSN cell:** College has HEPSN cell, sponsored by the U.G.C. The cell acquired state-of-the-art equipment including software necessary to facilitate improved learning for the visually challenged and dyslexic learners. The cell has a team of dedicated volunteers, who help in writing examination papers for the visually challenged both within and outside the College.

6. **UGC Merged Schemes:** The College has accessed UGC funds to implement merged schemes for the benefit of students. These include plans such as coaching classes for entry into services, remedial coaching, provision of infrastructure ensuring easy access to ICT to the students, etc. Each year hundreds of students register under these programs. The feedbacks received for the same are highly encouraging.

Holistic Education ensuring an all-round development of students.

Apart from ensuring an enriched teaching and learning experience of various subjects, the College provides opportunities for blossoming of a well-rounded personality of the young aspirants.

The inter-collegiate festivals organized by the College include:

Tech-Tsar: A festival organized by the IT department on 26th-27th November, 2010. Major highlights of this fest included events like Robo Race, Debugging Java & C++, LAN based games like NFS, Counter Strike, FIFA and DJ mixing.

Maharashtrastav: A State level festival that celebrates the tradition of performing art and literature of the State of Maharashtra. The festival is widely popular and receives impressive media coverage.

Primers: This is Intercollegiate event was initiated by the bio-tech department this year. It attracted more than 600 students from over 25 colleges in Mumbai. The main attraction was the JOB FAIR where students were exposed to various career options after their graduation

Zeal: This is an intercollegiate sports festival in which 19 colleges participated in various indoor and outdoor sporting events.

Besides, the college also conducts special workshops on Yoga and Value Education, Public speaking, interview-skills and soft skill training from time to time.

Creation of human capital, which can be an asset to the nation

In the era of knowledge revolution, the importance of human capital cannot be overemphasized. College has continuously produced students who have contributed significantly within and outside the country, and recent history is no exception to this. This is very significant given that many of the students hail from socio economically underprivileged sections of the society, some of whom are first generation learners in higher education. Occasional interactions with employers have revealed that our students are an asset to their organizations.

2. New academic programs initiated- Nil.

3 Innovation in curricular design and transaction

As an affiliated college, the College has to follow the curricula of the University of Mumbai. However some staff members have been able to facilitate curricular redesigning of various subjects as the members of Board of Studies with the University. They are

Sr. No.	Name of the Faculty	Subject	Status
1	Dr. Pratima S. Jadhav	Bio-Technology	Member
2	Dr. M.R.Gitte	Business Economics	Member
3	Dr. Swati Wavhal	Microbiology	Member
4	Dr. DhananjayDeolalkar	English	Member

Besides, almost all the members of the teaching staff have indirectly participated in the process of syllabi redesigning, the desirable mode of its transaction and the relative emphasis of the various parts of the syllabi at the time of evaluation. This has been possible by attending orientation workshops at the time of introduction of new syllabi. The details of which are as under:

Sr. No.	Name of the Faculty	Orientation Workshop attended	Date /Venue
1.	Dr.D.P.Deolalkar, English	Revised syllabus of Communication Skills (FYBA)	10 July 2011 CKTCollegePanel
2.	Dr.D.P.Deolalkar, English	Revised syllabus of Business Communication (FYBCom)	10 July 2011 CKT CollegePanel
3.	Smt.NikitaNaik, Microbiology	Revised Syllabus of TYBSc	April 2010 WilsonCollege
4.	Dr.M.V.Kagwade, Zoology	Revised Syllabus of TYBSc	17 July 2010 RamniranjanJhunjhunwalaCollege, Ghatkopar
5.	Dr.M.V.Kagwade, Zoology	Revised Syllabus of TYBSc Marine Sciences	24 July 2010 ICLES Jhunjhunwala college
6.	Dr.M.V.Kagwade, Zoology	The credit system and its implications on examination and syllabi	6 March 2011 Patkar-VardeCollege
7.	Mr.BharatRaut, Chemistry	Revised syllabus of Organic Chemistry TYBSc.	19 June 2010 University of Mumbai, PatkarCollege
8.	Mr.BharatRaut, Chemistry	Revised syllabus in the subject of Applied component Drugs and Dyes for B.Sc. III	28 June 2010 University of Mumbai and

			RKTCollege, Ulhasnagar
9	Smt.SavitaDange, Physics	Workshop in Physics (TYBSc)	7 Aug 2010 Bandodkar College
10	Smt.SavitaDange , Physics	Participated in lecture series	22 Feb 2011 University of Mumbai
11	Dr.J.S.Desai, Physics	T.Y.B.Sc. Physics Syllabus	24 July 2010
12	Dr.J.S.Desai, Physics	T.Y.B.Sc. (Applied component) Electronic Instrumentation Syllabus	31 July 2010, VazeCollege
13	Smt.NikitaNaik, Microbiology	Credit based Semester and Grading System for FYBSc Microbiology Syllabi	24 June 2011 ElphinstoneCol lege, Mumbai
14	Smt. Jaya Pawar, Botany	T.Y.B.SC- Revised syllabus	12 June 2010
15	Shri A. Y. Saraf, Botany	T.Y.B.SC- Revised syllabus	12 June 2010
16	Dr.M.V.Kagwade, Zoology	The Credit System and its implications on Examination and Syllabi	12 July 2011
17	Dr.S.V.Dongardive, Commerce	FYBcom-Self finance commerce courses TYBcom- New evaluation system	20 June 2011 Hinduja College of Commerce, Mumbai

Transaction of the Syllabi:

The syllabi are effectively transacted when the capabilities of the teacher and the requirements of the taught are well matched. This is further facilitated by:

- a. **Appropriate use of infrastructure, participative teaching methods, along with various co-curricular activities:**

These and such endeavors whet the curiosity among students and kindle the interest among the teachers. Many departments use ICT and AV aids for effective teaching. Some use methods like presentations by students, group discussions, debate, and short sessions of quiz relating to the syllabus taught in the previous class, etc. to ensure that the subject is well understood. Students are encouraged to prepare wall papers to spread awareness about relevant issues in their subject which may interest a lay student from any stream. This improves their presentation skills. And to sustain what is learnt among all the students, many departments have study circles, as a mode of co-learning, wherein high performing students interact with others to supplement the skills of all the students.

- b. **Bridge Course:**

In certain situations, particularly when students opt for a change of stream, or migrate from other parts of the state or the country, a need is felt to bridge the gap in knowledge so that they can cope with the learning requirements of the prevailing syllabi. This is done through orientation at the beginning of the course, where students interested in these special sessions are guided on an informal basis.

Co-curricular activities motivate and enthuse students by exposing them to various aspects of the subject in an interesting manner. Various co-curricular activities conducted during this year include:

Name of the Department	Name of the Festival	Level	Dates of the festival	Highlights of the Activities
I.T.	“Techsar	Intercollegiate		
Zoology	Zoovolution	College	17, 18/01/2011	Poster & Model making, T-Shirt Painting, and Quiz Competition, Bio-Rangoli, Photography Competition
Physics	Gravity	College	January 2011	Exhibition of Models and projects prepared by students on electronics, atomic physics, sound, and thermodynamics.
Marathi	Maharashtrastav	Intercollegiate	January 2011	
Bio technology	Primers	Intercollegiate: More than 600 students from over 25 colleges in Mumbai participated		JOB FAIR where students were exposed to various career options after their graduation.

Various departments strive to impart field based education through Industrial Visits and Excursions.

Industrial visits were conducted by the following departments :

Department of Botany:

Students from the Department of Botany visited Saptura Biosphere Reserve, and Panchmarhi

where students got an opportunity to see rare plants such as Psilotum (living fossil) and Cyathus (only surviving species of Tree Fern). Department also organized nature trail to Matheran for students of Botany and Nature Club of Elphinstone College.

Department of Biotechnology:

Students of Biotech Dept went to Chandigarh and Kullu-Manali for study tour. During their stay at Chandigarh, students visited National Dairy Research Institute at Karnal where India's and World's first cloned water buffalo “Garima” was developed.

Department of Microbiology:

- Visit to Indian Institute of Packaging to study methods in food packaging and quality tests of packaging.

- Visit of SYBsc students to Worli Dairy to study analysis of milk and milk products.
- Visit of TYBSc Microbiology students to R.J. Jhunjhunwala College Jan 2011 to expose them to newer techniques in plant tissue culture, animal tissue culture, chick embryo inoculation, etc. and they were also taken to the Green house.

Department of Information Technology:

An Industrial visit was organized between 14th-24th January, 2011 to Industrial areas in the state of Uttarakhand.

Other co-curricular activities of the Departments are as under:

Department of Zoology:

Guest lecture by Mr. Unmesh Katwate, Scientist, BNHS, on the theme on Under Water Diversity was arranged on 18/1/2011

Department of Physics:

1. Students and staff visited the Institute of Science to watch various experiments, and instruments required in research in Physics.
2. Students were taken to attend a lecture-demonstration by Dr. Chakradev, in the institute of science on 15/1/2011.

Department of History:

'Ranade Society' is managed by the staff and students of department of History.

Following programmes were held under Ranade Society:

1. Elocution competition was organized on the eve of teacher's day 4/9/10.
2. Essay writing competition was also organized, which received a very good response from the students.
3. Students were taken on a field visit to an exhibition on "Rocks, Minerals and Fossils: A geological Story of Mumbai", held at the convocation Hall, University of Mumbai, and was arranged by Centre for Extra Mural Studies, University of Mumbai, INSTUCEN Trust, Mumbai.
4. The staff of the department accompanied the students to a talk by Cdr. Dilip Donde, on the topic "Solo Circum Navigation on board Mhadei" organized by Maritime History Society, Navy Nagar, on 16/7/2010.
5. All the students were taken for a field visit to the BhauDaji Lad Museum on 29/7/2010.
6. In the month of August, the students paid visit to the American Library, Marine Lines, Mumbai.
7. All the students were taken for a field visit to Chhatrapati Shivaji Maharaj Vastu Sangrahalaya on 9/2/2011.
8. A documentary on the Life of Gandhiji was screened and an exhibition of books authored by Mahatma Gandhi was also held to initiate the young minds in to Gandhian way of thinking.

Department of Geography:

1. **Educational Tour:** TYBA students of the department were taken for education tour to Kasara Upper Vaitarna River on Oct 27, 2010. The students were exposed to various types of landforms created out of erosional work of river.
2. Geography students from various years paid a visit to the exhibition of rocks and minerals organized by University of Mumbai on Dec 01, 2010.

A visit was also arranged for the TYBA students to Nehru Planetarium, Worli, Mumbai on Feb 10, 2011.

3. Another educational tour was organized to Kalsubai-Bhandardara on 19 to 20 Feb, 2011. Student got a first-hand experience about various issues such as types of landforms, types and pattern of settlement, cropping pattern and types of agriculture, soil, vegetation etc.

Department of Sociology:

1. An educational tour for F.Y.B.A. students was arranged to study the living conditions of the residents of Pali village, Raigarh district on 27/8/2010. Here the students got a hands-on training on administering the questionnaire.
2. Mr. Santosh Nikam delivered a talk on "Questionnaire as a Tool of Data Collection" on 03/09/2010.
3. A guest lecture by Mr. Santosh Nikam, from Tata Memorial Cancer Hospital, was arranged on the theme "How to Prepare a Questionnaire" on 18/09/2010.
4. A documentary film "Apocalypto" based on Emile Durkheim's Elementary Forms of Religious Life was screened on 13/8/2010.
5. A visit was also arranged for the TYBA students to Nehru Planetarium, Worli, Mumbai on Feb 10, 2011.

Department of Economics:

1. Department encourages the students to manage wall paper displaying interesting information on contemporary economic issues,
2. A guest lecture was arranged through the Planning Forum, by the department on the theme "An Introduction to Derivatives in the Commodity Markets" on 20/12/2011 by Ms Sarika Raichuri, a trainer from MCX.
3. Department has promoted Study Circle among students to encourage the practice of co-learning. Here high-performing students interact with the rest of the class to improve the performance of the entire class, especially in subjects where regular practice is the key to success. Certificates of appreciation are given to the leaders of such circles.

Department of Marathi:

1. The department of Marathi, in collaboration with Akashwani, Mumbai, organized a program displaying talents of the College students. This program was aired on 2nd August 2010.
2. The department of Marathi in collaboration with Mumbai Police organized "Jagrut Mumabikar", which focused on need for a greater awareness of safety among ordinary citizens especially during festive seasons.
3. A Talent hunt programme was also organized with the UTV channel, in which many students secured awards.

4. Interdisciplinary programmes started: Nil

5. Examination reforms implemented:

- The examination departments obtained multi copier Xerox machine to ensure complete confidentiality and integrity necessary for the examination section.
- Software for result processing and mark-sheet printing was developed by the college to expedite the procedure and avoid expenses towards outsourcing.

6. Candidates qualified- NET /SET /GATE etc.

	Name of the department/teacher	Department	Name of the exam.	Year of passing
1	Physics, Savita Dange	Physics	NET, SET	2001
2	Gymkhana, Mrs. Pratiksha Phadnis	Physical Education	SET	1998
3	Statistics, Ms. Darksha Shaikh	Statistics	SET	1995
4.	Dr. R.S. Shikalgar	Geography	SET	2002
5.	Rupesh N. Raut	Zoology	NET	2003
6.	Parag Masram	Zoology	NET	2008
7.	Amit Saraf	Botany, Life Science	SET, NET & GATE	1998, 1999, 2000
8.	Sunita Gavai	Political Science	NET	2008
9.	Bharat Raut	Chemistry	NET	1996
10.	Vishwas Gaikwad	Political Science	NET	2004
11.	Dr. Gitte	Economics	SET	1993
12.	Dr. Tashi	Marathi	SET	1995
13.	Dr. Khomane	Marathi	SET	1997
14.	Smt. Sanap	Hindi	SET	1995
15.	Dr. Kamble	Commerce	SET	1999
16.	Smt. Deepa Hirani	Microbiology	SET	1995
17.	Smt. Nikita Naik	Microbiology	SET	1995
18.	Dr. Swati Wavhal	Microbiology	SET	1995

7. Initiative towards faculty development programme

a) Orientation /Refresher Course

Following teachers successfully completed their orientation/ refresher courses details of which are as under:

Sr. No.	Name of the Teacher/Department	Name of the Course	Duration of the course	Grade Obtained
1	Mr.R.B.Thakre, Mathematics	Orientation	1 Feb 28 Feb 2011	B
2	Mr.S.S.Dhure, Mathematics	Refresher	16 Dec to 5 Jan 2011	A
3	Smt.Sheetal Sonar, History	Orientation	6 Oct to 2 Nov 2010	A
4	Dr. Kalindi Jahagirdar Economics	Refresher	21 March 2011 TO 10 April 2011	A

8. Total number of seminars / workshops conducted

Department of Botany

- Workshop on Hands on training on **'fruit and vegetable carving** on 7th December 2010. Mr. Rajput demonstrated how to create beautiful carvings on fruits and vegetable with simple technique and little use of imagination.
- Workshop on flower arrangement conducted on 15th September 2011, where in the students were given Hands on training on the beautiful art of flower arrangement.

Department of Zoology

- Workshop on Hands on training on **Microtomy and staining techniques** for BSc students from 20th December to 23rd December 2011. In all 35 students and faculties from other colleges also participated in this activity. The students were given training on techniques of tissue sectioning and staining.

Department of English

- Workshop on poetry reading by Mr. Pinakin Shah was organized on 5th December 2011.

9. Research projects--

Sr. No.	Name of the Department/Faculty	Name of the Project	Major/Minor	Status
1.	Department of Physics Dr.Jayashree Desai	Synthesis of Chemically deposited copper indium sulphide films and their application in Photovoltaic cells	UGC Minor	Approved
2.	Department of Microbiology Smt.NikitaNaik	Emerging drug resistance in respiratory pathogens	UGC Major	Proposed
3.	Microbiology Smt.DeepaHirani	Antibacterial activity of essential oils against drugs resistant skin pathogens	UGC Major	Proposed and short-listed for final presentation
4.	Geography Dr.R.S.Shikalgar	Analysis of HIV and human development at Sangali District, Maharashtra	Major-UGC	Proposed
5.	Botany AmitSaraf	Chemical fingerprinting of plants with anti fertility value from western ghats region of maharashtra	Major-UGC	Proposed and short listed

10. Patents generated, if any - Nil

11.New collaborative research programmes: Nil

12.Research grants received from various agencies

- Dr. J. S. Desai from the department of physics received a grant of Rs. 1, 30, 000/- from U.G.C. to carry out a minor research project.

13. Details of research scholars:

Several members of the teaching staff have successfully completed their research. This includes the following:

Name	Department	Research Degree	Area of Research
Principal Dr. PratimaJadhav	Bio Chemistry	Ph.D.	Bio-Chemistry, Bio-Technology
Dr. HansaBoricha	Micro-biology	Ph.D.	Micro-Biology
Dr. Swati Wavhal	Microbiology	Ph.D.	Polymers
Dr. M.V.Kagwade	Zoology	Ph.D.	Endocrines
Dr. R.S.Dhamnaskar	Chemistry	Ph.D.	Metal Complexes, Green Chemistry and Environmental Chemistry
Dr. Ashwin Mehta	Information Technology	Ph.D.	Nuclear physics
Dr. GayatriBehere	Statistics	Ph.D.	Operations Research
Smt. V. S. Yeole	Mathematics	M.Phil	Commutativity of near rings
Dr. S.V.Dongardive	Commerce	Ph.D.	Travel & Tourism
Dr. SuchitaKrishnaprasad	Economics	Ph. D.	Industrial Relations, Labour Economics
Dr. M.R.Gitte	Economics	Ph.D.	Agricultural and development Economics
Dr. KalindiJahagirdar	Economics	Ph.D.	Regional Imbalance in Development
Dr. BhavanaPatole	History	Ph.D.	History of Maharashtra
Dr. R. S. Shikalgar	Geography	Ph. D.	Agricultural Geography, Remote Sensing and GIS
Dr. SavitaPatil	English	Ph.D.	Comparative Literature
Dr. D. P. Deolalkar	English	Ph. D.	Literature and literary theory
Smt. SanjyotiSanap	Hindi	M.Phil.	Modern Hindi Poetry
Dr. K.B.Tashi	Marathi	Ph. D.	Comparative study of modern and classical Marathi literature.
Dr. B.N.Khomne	Marathi	Ph.D.	Comparative Study of literature with special emphasis on rural literature.

Many others are pursuing their doctoral research. The result is a significant number of presentations made by the faculty in various academic meets, besides participation. This includes:

Sr. No.	Name of the Department/ Faculty	Date	Participation /paper /Poster/ presentation/ Workshop/ Symposium/ Training programme	National/International/ State/University	Theme	Details of publications
1.	Physics Mrs.Savita Dange	11 Feb 2010	Workshop Attended	State	Research in colleges perspective and challenges	-
2.	Physics Dr.J.S.Desai	22 Feb -27 Feb 2010	Workshop Attended	National	Innovative Experiments Inter University Accelerator Centre, New Delhi	-
3.	Physics, Dr.J.S.Desai	17, 18 Feb 11	Participation	National Shivaji University of Kolhapur	Physics of materials based device fabrication.	
4.	Microbiology Dr.Swati Wavhal	2011				Bionano frontier volume-4(1), page-36-42
5.	Microbiology Dr.Swati Wavhal	8 th Jan 2011	Paper Presentation		Seventeenth annual research paper presentation competition Dept. of Microbiology Bhavan's college	-
6.	Microbiology Dr.Swati Wavhal	21Aug2011	Attended a workshop	state	Dept of Microbiology Dr. Ambedkar university Osmanabad	-
7.	Microbiology Dr.Swati Wavhal	3-6 Nov	Poster Presentation	National	Association of microbiologists of India,	-
8.	Microbiology Smt.Nikita Naik		Participation-Conference Characterization of microorganisms from		Vision 2025- technological developments in biological sciences	-

			consortium, supplemented with lipid substrate			
9.	Microbiology Smt.Nikita Naik	Nov 2011	Participation-Conference		Science academic education programme, planet G	-
10	Microbiology Smt.Nikita Naik	Jan 2011	Poster Presentation		Vision 2025 technological developments in biological sciences	-
11	Microbiology Smt.Deepa Hirani	Jan 2010	Poster Presentation Potability testing of different brands of bottled waters	International Conference	Role of Chemistry in health and disease	-
12	Geography Dr.R.S. Shikalgar	25 Apr 2011	Workshop		Topographical maps	-
13	Geography Dr.R.S. Shikalgar	31 Dec 2010	Seminar Attended	National	Modern trends in environmental pollution and eco planning	-
14	Geography Dr.R.S. Shikalgar	30 Jan 11	Participate Training Programme	College level	Training Programme in Disaster Management	-
15	Geography Dr.R.S. Shikalgar		Publication	-	-	Hierarchical pattern of Cattle Market centers in Amravati district, Maharashtra - Research Link
16	Geography Dr.R.S. Shikalgar	March 2011	Publication	-	-	Geographical study of growth of population and various landuse densities in Aurangabad district (Maharashtras State_-Journal of Research

						and Development, Vol-I, issue v-3, March 2011, pp25-26
17	English Dr.Savita Patil	Sept 2010	Publication	-	Nature in the poetry of wordsworth&Baalkavi, Sept 2010	National journal Research Spectrum-ISSN-0976-5964, Feb 2011
18	English Dr.Savita Patil	Jan 2011	Publication	-	Auto-ethnography & Reconciliation of Cultures in Sally Morgan's My Place, Literary Insight.	A Refereed International Journal-Vol-2, Jan 2011
19	Economics Dr.S. Krishnaprasad	September 2010	Workshop	National	Changing Role of Trade Unions Under Globalised India, FES New Delhi	-
20	Economics Dr.S. Krishnaprasad	29, 30 March 2011	Participation Seminar	National	Labour Market Flexibility, B.M.Ruia College, Mumbai,	
21	Economics Dr. Kalindi Jahagirdar	13-15 Nov. 2010	Participation	State	Marathi Artheshastraparishad, Adarshaarta and commerce college Badalapur	-
22	Economics Dr. Kalindi Jahagirdar	Feb 2011	Paper presentation Foreign investment at Indian retail sector	National	Emerging trends in Indian retail market, Sydnaeham college, Mumbai	-
23	Economics Dr. Kalindi Jahagirdar	March 2011	Attended	college	Yoga for women	-
24	Mathematics Mr.S.S. Dhure	14, 15 Jan 11	Workshop	State	Economics Applications and Simulations for Financial Markets, at Bombay stock Exchange.	

25	Sociology Mr.S.G. Thakur	14-22 June 2010	Workshop	National	Academics writing organized by ICSSR (Indian Council of Social Science Research) Western Regional, Mumbai	
26	Sociology Mr.S.G. Thakur	17-18 Feb 2011	Workshop	National	Qualitative Research : Methods, Data collection and analysis skills at S.B.E.S college of Arts and com, Aurangabad	
27	Sociology Mr.S.G. Thakur	28 March 11	Workshop	State	SNDT Women's University, Mumbai	
28	Chemistry, Mr.Bharat Raut	11-15 Dec 2010	Workshop	National	37 th ACBICON 2010 at KEMHospital	-
29	Chemistry, Mr.Bharat Raut	17- 19January 2011	Poster Presentation	Internationa l	Role of Chemistry in Health and Diseases MithibaiCollege, Mumbai	-
30	Microbiology Deepa Hirani	17-19 January 2011	Poster Presentation	Internationa l	Role of Chemistry in Health and Diseases MithibaiCollege, Mumbai	-
31	Statistics Dr.Gayatri Behere	March 2011	Attended	college	Yoga for women	-
32	Statistics Dr.Gayatri Behere	Feb 2011	Attended	National	Indian retail Management at SydnhamCollege, Mumbai	-
33	Statistics Mrs.M. Rahatgaonkar	10-11 Feb 2011	Seminar attended	National	SydenhamCollege, Mumbai	-
34	Statistics Smt.Daraksha Shaikh	21 Jan 2011	Paper Presentation	National	Tune series ARIMA modeling for forecasting-A case study, CKTCollege, Panvel	-
35	History	June 2010	Article-	State	EkonissaveShatak,	ItihasSanshod

	Dr.Bhavana Patole		Magazine Publication		StrishikshanvaDyanodeveekdrushtishap	hanMandalacheTraimasik
36	Statistics Smt.Daraksha Shaikh	March 2011	Attended	college	Yoga for women	-
37	History Dr. Bhavana Patole	Nov 2011	Publication	-	-	Yeshwantraonchayasadiyakamgirilaujala
38	History Dr. Bhavana Patole	1Oct 2011	Paper Presentation Surganasansthanatiladivasinchearthikjeevan	National	G.N..Khalsacollege	-
39	History Mrs. Sheetal Sonar	1Oct 2011	Paper Presentation Surganasansthanatiladivasinchearthikjeevan	National	G.N..Khalsacollege	-
40	English Dr. Dhananjay Deolalkar	21-22-Jan.2011	Paper Presentation Post modernism and media	National	Smt. SulochanadeviDeshmukh senior college Latur	-
41	English Dr.Savita Patil	Jan 2011	Paper presentation	International journal	Sally Morgan My place	Literary insight-Volume 2
42	English Dr.Savita Patil	Feb.2011	Paper publication	National Journal	Nature in the poetry of Wordsworth and Baalkavi	Research spectrum ISSN 0976-5964
43	Botany Mr. Amit Saraf	Feb 2011	Participation Conference	International	Society of pharmacy	-
44	Botany Mr. Amit Saraf	Dec.2011	Participation Research Meet	Intercollegiate	Jaihind college	-
45	Zoology Mr.Rupesh Raut	2011	Paper publication Freshwater fish fauna of Koyna River, northern	International Journal	-	Journal of Threatened Taxa (1):1449-1455

			Western Ghats, India.			
46	Zoology Mr.Rupesh Raut	2010	Paper Publication Morphometrics of the Genus Hipposideros Lacepede From Northern Western Ghats of Maharashtra	International Journal	-	Biosystematic a
47	Zoology, Mr.Rupesh Raut	15-16 Feb 2010	Conference	State Level	Aquatic Biodiversity, M.P.AcsCollege, Panvel,	-
48	Zoology Dr.M.V. Kagwade	18 June 2010	Workshop	State	Environment Strategies in Aquaculture, The Institute of Science, Mumbai	
49	Sociology Mr.S.G.Thakur	Aug 2010	-	-	-	Police public relation journal Variorum, Vol-I, Issue-1,
50	Sociology Mr.S.G.Thakur	July 2010	-	-	-	Dowry death and human right entire research, vol.2, Issue-III
51	Sociology Mr.S.G.Thakur	-	-	-	-	Human right in the context of child labour, research Link-85, Vol-X(2), April 2011, Page No.67-69 RNI No.MPHIN-2002-7041, ISSN

						No.0973-1628
52	Sociology Mr.S.G.Thakur	26-27 Sept 2011	Workshop – Paper presentation	National	Technology and society issues and challenges	-
53	Chemistry Mr.Bharat Raut	10-15 Dec 2010	Conference attended	National	CME	-
54	Statistics Dr.Gayatri Behere	March 2011	Workshop Attended	college	Yoga for women	-

b) Research activity

Sr. No.	Name of the Department	Faculty	Recognized as
1.	Bio-Chemistry	Dr.PratimaJadhav	Ph.D.GuideMumbaiUniversity, Mumbai
2.	English	Dr.SavitaPatil	Ph.D Guide by JTTUniversity, Rajastan
3.	Sociology	Mr.S.G.Thakur	P.G.Recognised teacher

14. Citation index of faculty members and impact factor

Sr. No	Department / Faculty	Title with page nos	Journal	ISSN/ ISBN No	Whether peer reviewed impact factor, if any
1	Microbiology Dr.Swati Wavhal	Characterization of Microorganisms from a consortium Supplemented with Lipid Based Substrates: Pg.36 to 42	Bionano Frontiers, Vol 4(1), 2011 Publ: International Society of Science and Technology	ISSN No.0974-0678	Peer reviewed, Impact Factor is 0.2334 of 2010
2	Microbiology Dr.Swati Wavhal	Role of Biotechnology in the Treatment of Polyester Fabrics- A Review Article. Pg.117 to 123	Indian Journal of Microbiology, Vol 51(2), 2011. Publ: Springer Publicaitons	ISSN No: 0046-8991	Peer reviewed, Impact Factor is 0.938 of 2011
3	Microbiology Dr.Swati Wavhal	Anaerobic Treatment Polyester Fabrics to Increase itsHydrophilicity.	Colarage-Journal for Textile and Garment Processing; Vol 58 (2),	ISSN No: 0010-1826	Peer reviewed referred Journal

15. Honors/awards to the faculty: national and international

Many members of the staff have

Sr. No.	Name of the Department/Faculty	Honor/award	National/International	Date
1	Gymkhana, Mrs.Pratiksha N.Phadnis	Award-Shot put	International, Athletic Championship, Shrilanka	July 2010
2	Gymkhana Mrs.Pratiksha Phadnis	Participation international	16 th Asia Masters Athletic Championships	Dec 2010
3	Gymkhana Mrs.Pratiksha Phadnis	Assisted the Mumbai state cricket team as a fitness trainer	National – All India super league and T-20 Tournaments	Sept 2010 to Feb 2011
4	Department of Economics Dr.Suchita Krishnaprasad	Invited as a resource person at orientation course in the theme : Globalization and its impact on education	Dr.BabasahebAmbedkarMa rathwadaUniversity UGC Academic staff College	24 July 2010
5	Dr. Dhananjay Deolalkar	Translator during the State Assembly Sessions	Govt. of Maharashtra	25 April 2011

16. Internal resources generated

The college has received Rs. 66640/- for commercial use of Electronic Notice Board in the year 2010-11.

The third floor of college is used by YCMOU for conducting Hotel management course, for which the college receives 30% of amount received as Study Centre Fees.

An annual rent of Rs. 24,000 is received from the caterer managing the college canteen.

17. Details of the department getting assistance/ recognition under SAP, COSIST (ASSIST)/DST, FIST, and other programmes) NIL

18. Community services

NSS wing of the College has been involved in various community services. These include:

1) Hiroshima Day Peace March Rally (6th August 2010)

Students of the N.S.S. were part of a rally organized by University of Mumbai, to mark the Hiroshima day for a nuclear free and peaceful World.

2) Awareness Campaign related to Malaria in Colaba, Mumbai.

(9th sept.,2010, 24th sept.2010 and 25th oct.2010.)

An awareness campaign with respect to malaria was conducted in the neighborhood area like Sundernagar and Azadnagar at Colaba, Mumbai. Considering that lack of hygienic living conditions is a major cause of malaria, this campaign focused on the precautions that can reduce the incidence of this disease significantly. The campaign consisted of use of banners as well as interaction at individual level between volunteers and the residents of the locality.

3) Leadership Training Camp at Badlapur (17th sept.2010)

Our two volunteer Ms. Rama Naniwadkar and Ms. Annapurna Dwivedi from F.Y.B.A. were selected for this leadership training camp at Badlapur. The camp was visited by several eminent speakers in the field of preservation of environment, inculcating leadership, problem-solving approach etc.

4) Visit to Ashadhan Rehabilitation centre at Byculla (17th sept. 2010)

Twenty volunteers from the N.S.S. wing visited this Rehabilitation centre at Byculla, Mumbai on 17th sept. 2010. Interaction with the inmates of the Centre helped these volunteers to gain a valuable insight into lifestyle and the problems faced by the disabled patients.

5) Visit to Jijamata Udyan, Byculla (14th February, 2011)

Jijamata Udyan now represents a rare space in the heart of Mumbai enriched with flora and fauna. The N.S.S. organized a visit to this place to enable the volunteers rediscover their connection with Nature, and its importance in the hectic urban lives.

6) Iodine Deficiency in Below Poverty Line families in Thane district.

The N.S.S. unit undertook a survey cum awareness campaign with respect to iodine deficiency and its effects in Thane district in the month of September. 100 families in Kalyan, Ambarnath, Karjat, Virar and Thane with a special focus on tribal inhabitation, were closely studied, and data were filled in questionnaires. Later the data was analysed by the students themselves, and this was displayed on the wall paper. The activity was useful in exposing the students to the harsh realities of life in the tribal areas, the art of administering the questionnaires, analyzing them meaningfully and finally making a report.

7) Condolence to the Martyrs

On 26th November 2010, we held a condolence meet in the college hall to the martyrs who lost their lives saving others on that fateful day a year back.

8) Sign Aids campaign in Kandivali

Some NSS volunteers attended the 'signature' Aids campaign on 1st December, 2010 at Kandivali station.

Department of Marathi:

Considering that the city of Mumbai has become a soft target of terrorist attacks, the department of Marathi in collaboration Mumbai Police, organized a sensitization programme called "JagrutMumabikar", which focused on need for a greater awareness of safety among ordinary citizens especially during festive seasons. The programme consisted of presentation and interactive sessions from the personnel in Mumbai Police and a street play. The programme was kept open to the members of the civil society and was well attended.

19. Teachers and officers newly recruited:

A few members of the teaching staff joined the College on transfer, while there were some new recruits in both aided and unaided courses. The details of this are as under:

Name of the Staff	Department	Nature of Recruitment
ShriRupeshRaut	Zoology	selected by M.P.S.C, joined on transfer
Dr. R. Shikalgar	Geography	selected by M.P.S.C, joined on transfer
Sujata Badgujar	Bio technology	Contract basis
Sheetal Pawse	Bio technology	Contract basis
ShriM.Rathod	Hindi	Contract basis
Smt. Aditi Ganu	History	Contract basis
Smt. Archana Kushwaha	IT	Contract basis
Smt. Swati Titane	IT	Contract basis
Smt. SnehalataAgrawal	IT	Contract basis
Smt. Geeta Sahu	IT	Contract basis
Mr. SwapnilNaigaonkar	Botany	Contract basis
Mr. TheerThapa	Botany	Contract basis

20. Teaching-Non-teaching staff ratio:

Teaching (74): Nonteaching (45) = 1.64

21. Improvements in the library services:

- Timing of the library has been increased from 10:00 a.m. – 5:45 p.m. to 8:00 a.m.- 5:45 p.m.
- Computer facility was made available to the students to prepare their projects, with 30 computers made available for this purpose.

22. New books/journals subscribed and their value

Year	Grant	RS	
2010-11	UGC Grant	2,67,721	Books
	UGC Grant	26,555	Magazines
	Remedial grant	95,491	Books
	State budget (Plan/DPDC)	12,000	Magazines

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

Student assessment of teachers is undertaken for every teacher of every class including the self-financed courses. The best teachers are applauded in the common room meeting for their performance.

24. Feedback from stakeholders:

An informal feedback was taken from the parents during the Parents' meet. The feedback from the wider society emerges from the survey of the top higher education institutions conducted by India Today each year, and according to this year's survey, the College appeared within the top five positions.

25. Unit cost of education:

The College receives funds from two sources: UGC and the State plan. The average cost considering these two sources, works out to Rs. 19353 for the year 2010-11.

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

- Forms for admission were accepted online for better convenience of the applicants especially for those residing in distant places and conservation of paper.
- Result procedure was streamlining to create system for in-house preparation of results along with printing of mark sheets. This help the college to economise on the expenditure incurred due to out-sourcing.

27. Increase in the infrastructural facilities:

- Many departments such as Microbiology, Bio-Technology etc. went through major renovation.
- The verandah of the 5th floor in the NCC building was renovated and the bridge to this building was fortified.
- Cabins for various department were prepared for better functioning.
- Separate cabins prepared for faculty member of Physics department, also the cabin meant for the Head of Physics Department was renovated.

28. Technology up gradation

- Language lab
Proficiency in English language is a prerequisite to withstand the pressures in the competitive job market. The College has initiated Language lab through the English department.

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

The teachers have an access to the internet in their respective departments as well as in the library.

It is mandatory for all the teachers as well as the class-3 employees to complete the MSCIT course. This equips the teachers to effectively utilize modern technology in imparting teaching.

30. Financial aid to students:

Several students hailing from the socially deprived classes have availed of financial aid, the details of which are as under:

Category	Boys	Girls	Total	Amount
VJNT	-	-	-	-
OBC-	-	-	-	-
SBC- GOI Postmetric scholar	12	11	23	086324-00
SBC-aided and unaided	-	-	-	-
OBC-Plan-Freeship	07	10	17	082480-00
Sc-Plan- GOI Postmetric scholar	05	11	16	154415-00
VJNT-GOI Postmetric scholar	05	06	11	136291-00

31. Activities and support from the Alumni Association

The Elphinstonian Society carries out the Center for Excellence through which eminent alumni interact with the present students sharing their insights and guiding them in to their future careers. Dr. Rakesh Singh, an alumni of the College, and Director, Institute Supply Chain Management, Mumbai, interacted with the B.Sc. I.T. students acquainting them with the realities of the workplace in the globalised world. His experience as a director of a supply chain management institute was highly useful especially to the IT students. The session was highly interactive in which Dr. Singh stressed the need to be aware of the contemporary issues relating to economic and social changes, besides the technical skills, which is becoming increasingly crucial for a successful career.

32. Activities and support from the Parent-Teacher Association

Every department had arranged parents' meet especially for their third year students. The parents discussed issues relating to attendance, and academic progress. The faculties also informed the parents about the job prospects after graduation and career advancement opportunities with post-graduation.

33. Health Services

As a government institution, the college has a facility of 'Doctor on Call'. These doctors are available within the extended premises of the college.

Besides, departments like Gymkhana, Biotechnology and Microbiology maintain First aid kit. Finally, to look after the mental health of the students, the college has a dedicated students' counselor, who is available thrice a week during college hours.

34. Performance in sports activities:

College encourages students from all classes to participate in sports. Many have participated and have also secured competitive positions in sports at various levels ranging to district to international. The participants include:

- TusharGharat participated in district level activity of 5 km walk.
- KuberKhadka, TYBSc participated in district as well as state level competition of Karate.
- Nikita Majalkar, FYBCom participated in state level competition of basketball.
- Chetan Master, SYBComparticipated in state level competition of basketball.
- MohiniSaygaonkar, FYBSc participated in international level competition of Table Soccer.
- NehaTambe participated in national level competition of Throwball held at Panipat.
- Sapna Sharma, SYJC, Sci, participated in state level of Basketball
- Akshay Kadam, TYBCom.participated in Intercollegiate level competition of Carrom held at K.C.College
- Akshay Kadam, TYBCom. participated in Intercollegiate level competition of Carrom held at MPES college.

35. Incentives to outstanding sports persons

Outstanding sports persons are supported through reimbursement of travel expenditure incurred during tournaments along with provision of refreshment. They are also provided with appropriate sport kit and free coaching in selected sport. These students are often unable to attend classes regularly due to the demands of their training schedule and competitions. The teachers provide such students with extra guidance in their studies whenever required.

36. Student achievements and awards

- 39% of the students who appeared for TYBCom examination secured First class.
- The highest marks with 71.25 % were secured by KодиyaMohd. AsifMohd. In TYBcom. Examination.
- The highest marks with 81.42 % were secured by Mundhe Dhanashree in TYBSc examination.
- 81 % students successfully cleared the TYBA examination, which is higher than the university average.
- Sontakke Jyotsna secured 63.33 % in TYBA examination.

Sports: Following students have won positions in various competitions:

- Bhakti Shirke, SYJC, secured 3rd position in shotput, 7th in 5 km walk and 6th in Marathon in Intercollegiate level competition held at Jaihind College, Mumbai.
- Govind Air, TYBSc, secured position among first eight participants in Tripple jump competition held by University of Mumbai.
- SnehaHawaldar, SYJC secured 2nd position in district level 800 m run.
- The throw ball team of the college reached semi finals in District Sports Office cup.
- Rishikeshe Mule and Sagar Shengal secured 1st place in intercollegiate Table Tennis meet.

Cultural activities:

Highlight of the cultural activities hosted by the college is Maharashtrastav. This is a State level festival that celebrates the tradition of performing art and literature of the State of Maharashtra. The festival is widely popular and receives impressive media coverage. Besides the students of the college have also participated in various intercollegiate festivals, and the college team secured 3rd position in the fashion show conducted at the festival 'KIRAN' K. C. college, Mumbai.



37. Activities of the Guidance and Counseling unit

College has engaged a professional counselor who visits thrice every week. This year the counselor paid visits to various junior and senior college classes in the month of July briefing them about the value of counseling as well dispelling myths associated with it. This was done in the month of July so that the students could make maximum use of the services.

In the month of November, the cell displayed posters and distributed pamphlets among the students to bring home of the preciousness of life and the need to accept challenges facing an individual, instead of succumbing to the pressures.

This was followed by sessions engaged for each class in the first week of January helping the students with hints on stress management.

On Republic Day, the counselor gave a demonstration of relaxation techniques.

Later in February, a session was also taken for the Staff on how painful emotions could be managed effectively.

Thus the College deployed the services of the counselor very effectively throughout the year, which benefitted the students as well as the teachers.

38. Placement services provided to students

- Placements promoted by the I.T. department of the college led to 4 students being recruited to “Satyam Mahindra Pvt. Ltd.” and 2 students are recruited in Nigam Pollutions Ltd.
- The Placement cell of the college succeeded in finalizing recruitment of 10 Students from commerce department.
- **Department of Biotechnology** arranged a Job Fair on 2nd -5th December, 2010 along with intercollegiate Fest PRIMERS’ 10

It was the main attraction of the fest and was attended by more than 600 students. 14 stalls from different companies with different profiles were put up. Students were exposed to various career options in the field of Higher education abroad, Tourism, Banking, IT etc. Department has made special provision to prepare Resume for the students.

The students were guided for their career objectives and their resume was submitted to respective companies for future prospects.

39. Development programmes for non-teaching staff

The overhead facilities such as Gymkhana and library are available to the non-teaching staff, to promote physical and mental fitness. Besides, as a government college, this staff enjoys some significant benefits. They include:

- Availability of interest free loan for buying a computer.
- Provision of govt. accommodation, which is indeed an enviable facility, in a city like Mumbai.
- Availability of loan at a very low interest to acquire a two- wheeler.
- Annual get-together is arranged for teaching and non-teaching staff together, which facilitates cultural interaction between them on a personal basis.

40. Good practices of the institution:

As a government College, Elphinstone College is dedicated to the principle of “Social Inclusion”. The good practices of the Institution fully reflect this intent. They are:

- Earn and Learn Scheme for the financially needy students
- Book bank scheme especially for courses requiring expensive books.
- Effective implementation of the “Equal Opportunities for All” under the merged scheme sponsored by the U.G.C. aimed at uplifting the students belonging to the socially and economically underprivileged classes.
- Availing the students of the services of a professional counselor to cope up with personal issues and examination related stress. A helpline was deployed particularly before examinations to effectively handle such cases.
- Creating more facilities at the HEPSN to also include the students affected by dyslexia

- besides other differently abled students.
- Internet availability for library users.
 - Engaging lecture series in memory of Bharat-Ratna Dr. B.R.Ambedkar, one of the most illustrious alumni of the College.
 - Availability of accommodation facility for all the employees of the college.
 - Festival advance is given to non-teaching staff.
 - Housing loan at Government interest rate which lower than bank interest rate.
 - Refundable and non-refundable loan from GPF for occasions like marriages, house restoration etc.
 - Celebrating special occasions such as Major Dhyanchand Day (National Sports Day), International Women Day, Dr.Ambedkar Memorial Day, Hindi Divas etc.

41. Linkages developed with National/International. Academic/research bodies

Nature Club of the College is an institutional member of World Wide Fund for Nature, Mumbai. The Elphinstone College is an institutional member of British Council. Our students regularly attend their programs.

42. Action Taken Report on the AQAR of the previous year

The College has a teaching staff with an excellent potential to progress in their careers. A small boost for further research would be enough to produce more projects. This was aimed at and was achieved by the College this year. Relevant information was circulated through IQAC with the guidance and motivating sessions by the Principal. The result was a substantial increase in the number of research projects undertaken by the staff in the current academic year.

- The HEPSN cell needed to update the facilities. This has been done by acquiring state of the art technology to help the learning process of the visually challenged and the dyslexic students.

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

Section C: Outcomes achieved by the end of the year.

- 1 The HEPSN cell has acquired state- of the art equipment to help the learning process of visually challenged, and dyslexic students.
- 2 A substantial increase in the number of research proposals prepared by the faculties.

Section D: Plans of the HEI for the next year:

- A detailed academic planner worked out through IQAC to reflect clarity in the teaching learning process.
- To further encourage the staff and students to realize their potentials in research and higher learning.
- Undertake to organize more conferences/ symposia etc. to create an environment conducive to research activity.
- To conduct awareness program regarding First Aid among students and staff.
- To involve the students and staff of I.T. department for creation of appropriate programs to facilitate online co-learning.
- To undertake appropriate renovation and restoration of college building.

Dr. Suchita Krishnaprasad
Coordinator, IQAC

Dr. Pratima Sharad Jadhav
Chairperson IQAC,
PRINCIPAL,
ELPHINSTONE
COLLEGE, Mumbai