



**(University with Potential for Excellence)**

**University of Mumbai**

**Fort, Mumbai - 400 032**

**Annual Quality Assurance Report (IQAR) of the IQAC**

**Report for the year 2007 – 2008**

# **Annual Quality Assurance Report (IQAR) of the IQAC.**

**Name of the Institution: University of Mumbai,**

**Fort, Mumbai - 400 032**

**Year of Report: 2007 – 2008**

## **Section A: Plan of action chalked out by the IOAC in the beginning of the year towards quality enhancement.**

Some of the major activities to be carried out during the year 2007-08 were as follows:-

- 1) Introduction of new diploma courses, M. A., M. Phil, Ph. D. in Eurasian studies and post graduate diplomas in applied fields.
- 2) New P. G. Diploma course in collaboration with industries, to be conducted in Garware Institute of Career Education and Development.
- 3) Revision of syllabi in the subjects wherever it was due.
- 4) Use of technology like 1) multimedia projectors for lecture and lab programmes, 2) improvement of internet access to students and teachers.
- 5) Encourage departments and faculty members to submit research projects to UGC, DST, BRNS, ISRO etc for individual project grants and/or under DST-FIST, UGC-SAP programmes.
- 6) Encourage the faculty and departments and institutes to start collaborative academic and research programmes in order to enhance the interaction between various organizations and which will benefit the academic community. .

## **Section B: Details in respect of the following for the year 2007 – 2008**

### **1. Activities reflecting the goals and objectives of the institution**

To start new diploma courses, M. A., M. Phil, Ph. D. in Eurasian studies and post graduate diplomas in applied fields. Introduce syllabus revision of the subjects and academic reforms wherever necessary. To establish a new University Department for studying the Pali language.

Garware Institute of Career Education and Development in collaboration with Industries and Institutes proposed to add new inter-disciplinary P. G. Dip. Programmes. Department of French proposed to introduce study tours as part of the field work in Travel and Tourism Course for T.Y.B.A course. Many University departments planned to conduct interdisciplinary academic activities in collaboration with other institutes and departments of the University, for students' community. The Department of Economics drafted several new courses and introduced examination reforms.

The Department of Statistics proposed to change the pattern of question papers for M.A/M.Sc. examinations. Faculty of University Departments was requested to provide their guidance to the University students appearing for SLET/NET examinations.

The faculty members from various departments were encouraged to attend refresher/orientations courses organized by Academic Staff Colleges of Mumbai and other Universities. University Departments were asked to organize and conduct orientation and refresher programmes for teachers in collaboration with Academic Staff Colleges of Mumbai University. The departments were asked to organize seminars, workshops and symposia as part of the academic and research activities in order to enhance and upgrade the knowledge of the teaching community in various subjects, in the country.

All the departments were asked to submit new projects to various funding agencies like UGC, DST, BRNS, ISRO etc. Those departments having ongoing projects were requested to complete the same in due period and utilize the entire research grants.

The faculty was advised to start new collaborative research programmes with other academic/research institutes and industries. The departments were asked to submit new research projects and procure research grants for their research work. The departments were advised to generate internal resources which can be used by them for augmenting their facilities. The Heads of Departments were requested to obtain students' feedback/assessment of their teachers in order to improve the teaching programme. The department were also asked to upgrade the existing facilities and introduce new technologies like use of multimedia projectors, OHPs, internet access in the lecture and laboratory programmes.

## 2. New Academic programmes initiated (UG and PG):

In June 2007, University of Mumbai established the Department of Pali which started conducting M. Phil. course in Pali from November 2007. The new courses started by six Departments are as follows.

Sr.No.	Department	Academic
1	Garware Institute of Career Education and Development	<ul style="list-style-type: none"> <li>➤ P.G. Diploma in Analytical Techniques.</li> <li>➤ P.G. Diploma in Retail Management.</li> </ul>
2	Department of Statistics	➤ PGDAS & PG DASS Courses
3	Department of Pali	➤ M. Phil
4	Centre for Central Eurasian Studies.	➤ M.A., Ph.D. and M.Phil Programmes
5	Department of Urdu	➤ Post Graduate Diploma in Mass Communication and Urdu Journalism
6	Department of Commerce	➤ M. Phil.

## 3. Innovations in curricular design and transaction

Sr.No.	Department	Innovations in curricular design and transactions
1	Department of French	➤ Introduced Study tour as part of the field work in Travel and Tourism Course for TYBA. Organized the study tour to Puduchery.
2.	Department of Urdu	➤ Prepared syllabus for P.G. Diploma.

3.	Centre for Central Eurasian Studies.	➤ Designed & implemented M. Phil. course.
4.	Department of History	➤ Set up Department Library from the books donated by Prof. J .V. Naik.
5	Department of Applied Psychology	➤ The MA syllabus revised in 2007 was reviewed in this year and some necessary changes are made keeping in mind the recent developments in the field.

#### 4. Inter-disciplinary programmes started

Sr.No.	Department	Inter-disciplinary programmes
1	Garware Institute of Career Education and Development	<ul style="list-style-type: none"> <li>➤ P. G. Diploma in Pharma management (Regulatory Drug Development)</li> <li>➤ P.G. Diploma in Analytical Techniques</li> </ul>
2	Department of French	➤ Reading the Marathi translation of a French play ‘Rhinoceros’ in collaboration with the Academy of Theatre Arts and Dept of Marathi.
3	Department of Urdu	➤ Introduced inter- disciplinary topics in Ph.D. and M. Phil. degree courses
4	Department of Pali	➤ Organized 2 study tours for p. g. students to the archaeological Buddhist and historical sites to study architecture, art and to read Brahmi script.
5	Department of Applied Psychology	➤ Introduced a certificate course in ‘Quality of Life in Chronic illness’ under self financing mode. The course is very popular amongst the students.
6	Centre for Central Eurasian Studies.	➤ Inter-disciplinary P.G courses
7	Department of Civics and Politics	<ul style="list-style-type: none"> <li>➤ Organized a ‘Workshop for Prospective Fulbright Applicants’ in collaboration with USEFI.</li> <li>➤ Seminar on “General Semantics and its Current Relevance” in collaboration with Institute of General Semantics.</li> </ul>

8	Department of Applied Psychology	➤ The faculty members are part of four interdisciplinary research program developed for UPE.
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#### 5. Examination reforms implemented

Sr.No.	Department	Examination reforms
1	Department of Statistics	➤ Revised the pattern of question papers for M.A/M.Sc. to improve the standard
2	Department of Biophysics	➤ Introduced Term Examination

#### 6. Candidates qualified: NET/SLET/Gate etc.

A total no. of 83 students passed their NET and SLET examinations in various subjects as Listed below.

Sr.No.	Department	Subjects	NET	SLET
1	University department of Chemical Technology (UDCT)	M.Chem.Engg.	40	
		M.Pharm	20	
		M.Tech. (Textile)	06	
		M.Tech. (Foods)	03	
		M.Tech (Polymer)	03	
		M.Tech (Surface Coating)	01	
2	Department of French	French	01	
		Hindi	04	01
3	Department of Hindi	Hindi	04	01
4	Department of Gujarati	Gujarati	01	---

#### 7. Initiative towards faculty development programmes

The faculty members from various departments attended refresher/orientations courses organized by Academic Staff Colleges of Mumbai and other Universities. Some departments organized and conducted orientation and refresher programmes in collaboration with Academic Staff Colleges of Mumbai University. Centre for Central Eurasian Studies started a Newsletter of the centre and collaborative activities at National and International levels. The details are listed below.

Sr.No.	Department	Name of the Teacher	Development Programe
1.	Department of French	Ms. Padsalgikar and Dr. Joglekar	➤ Attended 2 workshops on FOS of 3 weeks and 90 hours duration for teachers of French language at Nashik and Mumbai organized by the French Embassy and the Alliance Francaise
2.	Department of Statistics		➤ Participated in Refresher course conducted by department of Maths, University of Mumbai.
3.	Department of Marathi		➤ Organized Refresher Course
4.	Department of Applied Psychology		➤ Conducted one Refresher Course in collaboration with Department of Education. ➤ Two faculty members completed Refresher Course.
5.	Centre for Central Eurasian Studies.		➤ Monthly faculty seminar ➤ Newsletter of the Centre ➤ Joint academic activities with University departments, other Universities, Consulate of Russia, Nehru Centre, MEA, ICSSR etc. ➤ Collaboration with other academic institution in Russia and CIS.

### 8. Total number of seminars/workshops conducted

A total number of 34 workshops/seminars were organized by various departments of the University. The details are as follows.

Sr.No.	Department	Seminar/Workshop details
1	Institute of Distance and Open Learning	➤ 'Workshop on ODL Systems'
2	Department of Statistics	➤ National Seminar – 1 ➤ International Conference – 1

3	Department of Biophysics	➤ Monthly Seminars – 4
4	Academy of Theatre Arts	➤ Workshops – 4 ➤ National Theatre Festival- Vasant Natyotsav
5	Department of French	➤ Workshop on francophone Literature of the Indian Ocean for teachers and students of French ➤ Workshop on FOS (Francais sur objectifs specifiques) for teachers and students by Dominique Fin, Attache Linguistique of France
6	Department of Urdu	➤ Symposium on Shri Javed Nadeem’s “Khyal Mausam”. ➤ Symposium on “Surendra Prakash Takmeel Number” by Mazbar Saleem. ➤ Two days National Seminar on “Qurrat-ul-Ain Haider: Art & Personality ➤ Two days National Seminar on “Progressive Movements and Mumbai” ➤ Seminar on noted Research Scholar and Critic, Sethu Madho Rao Pagdi ➤ Visiting Lectures on “The Scope of Print Media and Electronic Media” by Prof. A.M.I. Dalvi. ➤ Visiting Lectures on “Iqbal’s poetry with special reference to Bal-e-Jibreel” on 18 <sup>th</sup> October, 2007 by Prof. Obaid- ur-Rehman Hashmi ➤ Visiting Lectures on “Mass Media & Urdu Journalism and Art of Urdu Novel” by Prof Shabey Kidwai ➤ Visiting Lectures on “Research Methodology and Urdu Short - Story” by Prof. Anwaruddin



7	Department of Pali	<ul style="list-style-type: none"> <li>➤ Workshop - 1</li> <li>➤ Seminar – 1</li> </ul>
8	Department of Marathi	➤ Lecture Series – 02, Visiting Lectures – 03,
9	Department of Sindhi	➤ International Seminar on ‘Bombay Presidency, Sindh and Sindhis,’ organized by Department, on 11 <sup>th</sup> March, 2008
10	Department of Gujarati	➤ One day Conference on “Creative Processes in Gujarati Poetry”- special talk and poetry reading by the writers Dr. Nirav Patel and Dr. Pranjeevan Mehta.
11	Dr Ambedkar Centre for Social Justice	➤ National Seminar – 1
12	Department of Applied Psychology	<ul style="list-style-type: none"> <li>➤ National Conference -1.</li> <li>➤ Seminars – 2</li> <li>➤ Workshops - 3</li> </ul>
13	Department of History	➤ National Seminar – 1
14	Department of Economics	<ul style="list-style-type: none"> <li>➤ National Technical Workshop on <b><i>‘Integrating Human Development and Human Rights into University Curricula’</i></b>, Mumbai, 18 August 2007. Sponsored by UNDP.</li> <li>➤ First Regional Technical Workshop on <b><i>‘Integrating Human Development and Human Rights into University Curricula’</i></b>, Mumbai, 12 December 2007. Sponsored by UNDP.</li> <li>➤ Second Regional Technical Workshop on <b><i>‘Integrating Human Development and Human Rights into University Curricula’</i></b>, Chiplun, Raigad, Maharashtra, 16 January 2008. Sponsored by UNDP.</li> </ul>

		<ul style="list-style-type: none"> <li>➤ Third Regional Technical Convener, Third Regional Technical Workshop on '<i>Integrating Human Development and Human Rights into University Curricula</i>', Thane District, Maharashtra, 13 February 2008. Sponsored by UNDP.</li> <li>➤ Two days workshop on industrial economics March 6-7, 2008</li> <li>➤ Two days workshop on Economics of Infrastructure</li> <li>➤ Second International Conference on Transportation System Studies.</li> </ul>
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**9. Research projects a) Ongoing b) Completed**

Sr.No.	Department	Project details	Status
1	Department of Marathi	➤ UGC Major research project "Collection and Critical Study of the performing Folk Art Forms of South Konkan Region i.e. Ratnagiri and Sindhudurg Districts." By Dr. Pushpalata Rajapure-Tapas.	Ongoing
2	Department of Sindhi	<ul style="list-style-type: none"> <li>➤ 'Bharat Mein Sindhi Boli – A Mein Tabdeel'</li> <li>➤ 'Jethmal Parsram Gulrajani Jo Sindhi Adab Mein Yogdan'</li> </ul>	<p>Ongoing</p> <p>Ongoing</p>
3	Department of Gujarati	<ul style="list-style-type: none"> <li>➤ "Female Image in Medieval Gujarati Literature".</li> <li>➤ "The Politics of Aadi granth Manusmriti &amp; the relevance of its Values in Cotemporary Indian Society."</li> </ul>	<p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p>

		<ul style="list-style-type: none"> <li>➤ “A Critical study of ‘The Fiction work by the Bombay Based Gujarati Writers: in the special context of Social, Political &amp; Cultural impact in their work”.</li> <li>➤ “A Comparative Study medieval Gujarati Poet Akho &amp; Kabir : In the special context of Medieval Indian society &amp; Bhakti Culture”.</li> </ul>	Ongoing
		<ul style="list-style-type: none"> <li>➤ Post Freedom- Marathi Poems : With detailed introductory note, Critical analysis, interviews of the poets with anthology (Translated in to Gujarati (research &amp; Translation)</li> </ul>	<b>Completed</b>
4	Centre for Central Eurasian Studies	<ul style="list-style-type: none"> <li>➤ ‘India’s Energy Security: Eurasia and Africa’. (PIs. Dr. Sanjay Deshpande CCES &amp; Dr. M. Sahu, CAS).</li> </ul>	Ongoing
		<ul style="list-style-type: none"> <li>➤ ‘Caspian Pipeline Politics, Energy Reserves &amp; Regional Implications’. Funded by ORF, New Delhi, (PI - Dr. P. L. Dash</li> </ul>	<b>Completed</b>
5	Department of Economics	<p>Projects of Prof. Abhay Pethe :</p> <ul style="list-style-type: none"> <li>➤ A Report on the Finances of Panchayati Raj Institutions in India. A study conducted for IRMA / MoPR (Ministry of Panchayati Raj), Gol, 2008.</li> <li>➤ A Report on the Local Government Finances: MMR Region: A study conducted for and commissioned by <b>MTSU</b> (Mumbai Transformation Support Unit, GoM) on advice of World Bank, 2007 (jointly with Professor Mala Lalwani)</li> </ul>	<b>Completed</b>

6	Department of Applied Psychology	Faculty members are involved in the project for centre for disaster management, computational social sciences, educational research.	<b>Ongoing</b>
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#### 10. Patents generated if any

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#### 11. New collaborative research programmes

##### Department of Applied Psychology

Two faculty members are involved in Centre for Disaster Management.

#### 12. Research grants received from various agencies

Sr.No.	Department	Department Funding Agency	Total Grants in Rs.
1.	Centre for Central Eurasian Studies.	UGC, MEA, ICSSR & University of Mumbai	----

#### 13. Details of research scholars

During this year, 261 students were enrolled for M. Phil. and Ph. D. degrees. The number of students who completed their Ph. D./ M. Phil. degrees was 42.

Sr.No.	Department	No. of research scholars	No. of research scholars who have obtained research degrees
1	Institute of Distance and Open learning	02	02
2	Department of Statistics	03	01
3	Department of Physics	71	07
4	Department of Commerce	08	05
5	Department of Hindi	M. Phil- 38, Ph. D. -13	M. Phil-12, Ph. D. – 02
6	Department of Urdu	3	---
7	Department of Pali	M. Phil. -7	---
8	Department of Marathi	07	02
9	Department of Sindhi	03	02

10	Centre for Central Eurasian Studies.	05	03
11	Department of Civics and Politics	25	01
12	Department of History	M. Phil - 16, Ph.D. - 20	M. Phil – 05
13	Department of Economics	----	02
14	Department of Applied Psychology	07	---

#### 14. Citation index of faculty members and impact factor

##### ➤ Department of History

All faculty members' works has been cited frequently. Impact factor is high.

##### ➤ Department of Applied Psychology

Faculty members regularly contribute papers to various journals and write books/book chapters, etc in national and international level. The citation index and impact factor is not available for social sciences journal in general and most Indian journals in particular.

#### 15. Honours/Awards to faculty: National and International

Sr.No.	Department	Faculty Name	Honours/Awards
1	Department of Statistics	• Dr. U. J. Dixit	➤ Sesqui-Centennial Award for Excellence in research & teaching- Performance based incentive (Cash Award of Rs.50,000/-), University of Mumbai, 2008.
2	Department of Physics	• Prof. Arun Mahadev Narsale	➤ 'Adarsh Shikshak Puruskar of 2007' from Government of Maharashtra
3	Department of French	• Mrs. M. Kshirsagar. • Dr. M. Sirdeshpande	➤ Chavelier dans l'Ordre des Palmes Academiques

4	Department of Marathi	<ul style="list-style-type: none"> <li>• Dr. Mrs. Pushpalata-Rajapure-Tapas</li> </ul>	<ul style="list-style-type: none"> <li>➤ ‘The Pillars of Hindustani Society’ award by Trans- Asian Chamber of Commerce</li> </ul>
		<ul style="list-style-type: none"> <li>• Prof. Harishchandra Thorat</li> </ul>	<ul style="list-style-type: none"> <li>➤ Prof. W. L. Kulkarni Puraskar for his book on ‘Criticism’ by Government of Maharashtra</li> </ul>
5	Centre for Central Eurasian Studies.	<ul style="list-style-type: none"> <li>• Dr. P. L. Dash</li> </ul>	<ul style="list-style-type: none"> <li>➤ ‘Medal of Honour’ for Afro-Asian Solidarity in February 2008 by the Russian Council, Government Russian</li> </ul>
6	Department of History	<ul style="list-style-type: none"> <li>• Dr. Ruby Maloni</li> </ul>	<ul style="list-style-type: none"> <li>➤ Elected President of Medieval India Section by Indian History Congress 2007.</li> <li>➤ Nominated to the Senate of University of Mumbai.</li> <li>➤ Elected unanimously to the Management Council of University of Mumbai.</li> <li>➤ Sesqui-Centennial Award for Excellence in research teaching-Performance based incentive (Cash Award of Rs. 50,000/-), University of Mumbai, 2008</li> </ul>
		<ul style="list-style-type: none"> <li>• Mariam Dossal</li> </ul>	<ul style="list-style-type: none"> <li>➤ Invited to be a Referee for Urban Age Awards, by London School of Economics &amp; Deutsche Bank, Mumbai, 2007</li> </ul>
		<ul style="list-style-type: none"> <li>• Dr. T. R. Ghoble</li> </ul>	<ul style="list-style-type: none"> <li>➤ Best Teacher Award for the year 2007 by University of Mumbai</li> </ul>

## 16. Internal resources generated

Garware Institute of Career Education and Development generated a significant amount of Rs. 74.00 Lakhs from its various courses.

Sr.No.	Department	Resources generated in Rs.
1	Garware Institute of Career Education and Development	➤ Rs. 74 Lakhs
2	Department of Statistics	➤ Internal resources generated from two self supportive courses PGDAS & PGDASS
3	Department of Urdu	➤ The department has received an amount of Rs. 50,000/- from donor National Valve Industries Pvt Ltd. Mumbai for conducting a National Seminar on Qurat-ul-Ain Haider
4	Dr Ambedkar Centre for Justice	➤ YES (Sale of Brochures, Handbooks, Admission Forms, etc)
5	Department of Applied Psychology	➤ Through Counseling Centre of UDAP. Approx.7,500/- to 10,000/- every year.
6	Department of Civics and Politics	➤ Sales of admission forms of various courses, syllabus copies of various courses, sale of departmental publications

## 17. Details of departments getting assistance/recognition under SAP, COSIST(ASSISI)/ DST FIST and other programmes

Sr.No.	Department	Programmes
1	Rajiv Gandhi Centre for Contemporary Studies	➤ UGC
2	Department of Physics	➤ DST – FIST Level II; UGC-SAP-DRS II
3	Dr Ambedkar Centre for Justice	➤ UGC
4	Centre for Central Eurasian Studies.	➤ UGC
5	Department of Civics and Politics	➤ ASIHSS

## 18. Community Service

Sr.No.	Department	Programmes
1	Academy of Theatre Arts	➤ National Festival & four Workshops
2	Department of Urdu	➤ Blood donation camp in the Vidyanagari campus of University of Mumbai
3	Department of Applied Psychology	<ul style="list-style-type: none"> <li>➤ Organized Community mental health and welfare programme</li> <li>➤ The department's counseling centre is active and serves the community. The psychological assessment, guidance and counseling services are provided to the people with reasonable charges that are approved by the department. The faculty members also extend their psychological services to the community.</li> </ul>
4	Centre for Central Eurasian Studies	➤ Faculty delivers public lectures at various forums
5	Institute of Chemical of Technology	<ul style="list-style-type: none"> <li>➤ One day Training programme for making Papads, Chikkis and Spices for villagers at Chiplun and Guhagar</li> <li>➤ Two consumer awareness workshops for peoples from different places of Maharashtra by Textiles, Dyes, Oils, Pharmaceutical, Plastics and Surface Coating Department</li> <li>➤ Lecture on "Genetics and Social consequences of marriages among close relatives" organized by Chemical Engg. Department</li> <li>➤ 'Testing of Textiles' for NIFT students, Navi Mumbai, organized by Department of Fibres and Textile Processing Technology</li> </ul>



		<ul style="list-style-type: none"> <li>➤ One day Seminar, ‘Tex Summit 2007’, organized by Department of Fibres and Textile Processing Technology</li> <li>➤ Two day Consumer Awareness Programme about various Textiles fibres and fabric</li> <li>➤ Processing to create awareness of recent development, organized by Department Fibres &amp; Textil Processing Technology</li> <li>➤ Half day Seminar organized on ‘Identification of Food Adulteration’ at Tilak Nagar, Chembur, Mumbai</li> <li>➤ Half Day Seminar organized by Department of Textile Department.</li> <li>➤ One Day special workshop by expert from the industry on Innovations in the Garments Processing organized by Textile Department</li> <li>➤ One Day Seminar on ‘Derivative Trade and Hedging’ organized by Oils Department</li> <li>➤ One Day Workshop for SNDT women students organized by Textile Department</li> <li>➤ Training Programme in ‘Specialized Aspects of Biotechnology Genomics and Proteomics MODULE III’, organized by Food Engineering &amp; Technology Department</li> <li>➤ Two days Workshop organized by Textile Department for the students of School of Fashion and Textile Design, Mumbai</li> <li>➤ One day Workshop organized by Textile Department for the students of VJTI Mumbai</li> </ul>
6	Department of History	➤ Yes

## 19. Teachers and officers newly recruited

**Dr Ambedkar Centre for Social Justice:** Visiting Faculty

**Department of Statistics:** One lecturer promoted to Reader.

**Department of Economics:** One Professor, one Lecturer

## 20. Teaching – Non-teaching staff ratio:

Sr.No.	Department	Ratio
1	Institute of Distance and Open Learning	1:8
2	Department of Statistics	1:2
3	Department of Physics	0.62
4	Department of Biotechnology	1:1
5	Department of Commerce	3:4
6	Academy of Theatre Arts	3:1
7	Department of French	1:1
8	Department of Hindi	1:1
9	Department of Urdu	1:2
10	Department of Pali	*2:1
11	Gurudev Tagore Chair of Comparative Literature	1:2
12	Department of Marathi	5:6
13	Department of Sindhi	1:1
14	Department of Gujarati	1:1
15	Dr Ambedkar Centre for Social Justice	1:3
16	Centre for Central Eurasian Studies.	9:7
17	Department of Civics and Politics	7:10
18	Department of History	7:4
19	Department of Applied Psychology	7:11

\*Visiting faculty

## 21. Improvements in the library services

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**22. New books/journals subscribed and their value**

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

Sr.No.	Department	Courses
1	Rajiv Gandhi Centre for the Contemporary Studies	Ph. D.
2	Department of Statistics	PGDAS & PGDASS
3	Department of Physics	M.Sc. (Part I & Part II)
4	Academy of Theatre Arts	MTA
5	Department of Urdu	M. A.
6	Department of Pali	M. A.
7	Department of Sindhi	M. A.
8	Department of History	M. A.

**24. Feedback from stakeholders**

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**25. Unit cost of education**

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

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**27. Increase in infrastructural facilities**

Sr.No.	Department	Infrastructure
1	Rajiv Gandhi Centre for the Contemporary Studies	➤ Yes
2	Department of Statistics	➤ Set up 2 Computer labs with Networking & installation of SAS, SPSS & MINITAB software

3	Department of Biophysics	<ul style="list-style-type: none"> <li>➤ Refrigerator Centrifuge</li> <li>➤ Distilled water plant</li> <li>➤ Deep Freezer</li> </ul>
4	Department of Biotechnology	➤ Procurement of New Brunswick fermentor & thermocycler along with work station.
5	Department of Commerce	➤ air conditioner – 1
6	Department of Hindi	➤ Augmented furniture & computational facilities
7	Department of Pali	➤ Acquired 2 rooms for the department
8	Department of Marathi	➤ Augmented furniture and computational facilities
9	Centre for Central Eurasian Studies	➤ Added computer lab, documentation unit (Library) seminar room .
10	Department of Civics and Politics	➤ Fax Machine – 1, Air Conditioner – 1
11	Department of Applied Psychology	➤ The auditorium and the seminar room are air conditioned. The faculty rooms are restructured.

## 28. Technology up-gradation

Sr.No.	Department	Facilities upgraded
1.	Department of Statistics	<ul style="list-style-type: none"> <li>➤ Subscribed latest journals which are made available to all students &amp; teachers.</li> <li>➤ Added new books from the funds generated.</li> <li>➤ Installed LCD in labs for delivering lectures.</li> </ul>
2.	Department of Physics	➤ Installation/up-gradation of slide projectors, overhead projectors and LCD projectors for delivering lectures.power point presentations.
3.	Department of Biophysics	➤ Introduced 1) Journal Club, 2) Seminar by Students, 3) Extempore talks and 4) scientific quiz

5.	Academy of Theatre Arts	<ul style="list-style-type: none"> <li>➤ Acquired sophisticated Camera and introduced new techniques &amp; New teaching methods</li> <li>➤ Set up new CD, VCD, DVD library.</li> <li>➤ Introduced Personal Direction and Acting opportunities to the students under the guidance of eminent theatre personalities</li> </ul>
6.	Department of Hindi	<ul style="list-style-type: none"> <li>➤ Added Computers, T.V., DVD Player as view technological support to teaching</li> </ul>
7.	Department of Urdu	<ul style="list-style-type: none"> <li>➤ Acquired Over Head projectors, computers and internet connectivity</li> </ul>
8.	Department of Marathi	<ul style="list-style-type: none"> <li>➤ Added Computers, DVD Players, Camera as technological support for teaching</li> </ul>
9.	Department of Sindhi	<ul style="list-style-type: none"> <li>➤ Introduced audio- visual techniques</li> </ul>
10.	Dr. Ambedkar Centre for Social Justice	<ul style="list-style-type: none"> <li>➤ Acquired Laptops, and LCD Projectors for Power Point presentation of lectures</li> </ul>
11.	Centre for Central Eurasian Studies.	<ul style="list-style-type: none"> <li>➤ Extensive use of LCD projectors and computers for power point presentations in teaching and research</li> </ul>
12.	Department of Civics and Politics	<ul style="list-style-type: none"> <li>➤ The faculty members regularly use LCD Projector and make Power point presentation during their lectures</li> </ul>
13	Department of Applied Psychology	<ul style="list-style-type: none"> <li>➤ LCD, computers, etc. are available.</li> </ul>

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

Computer facilities and internet access have been provided to teachers, students and non-teaching staff of following 11 departments listed below.

1. Department of Rajiv Gandhi Centre for the Contemporary Studies
2. Department of Statistics
3. Department of Biophysics
4. Academy of Theatre Arts
5. Department of Hindi

6. Department of Marathi
7. Department of Sindhi
8. Dr Ambedkar Centre for Social Justice
9. Centre for Central Eurasian Studies.
10. Department of Civics and Politics
11. Department of History
12. Department of Applied Psychology

### **30. Financial aid to students**

Rs. 10,03,000/-

### **31. Activities and support from the Alumini Association**

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### **32. Activities and support from the Parent-Teacher Association**

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### **33. Health services**

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### **34. Performance in sports activities**

Inter – Collegiate Sports & Tournaments were conducted on Five Zone & One Zone basis in following disciplines :

#### **✓ Five Zone Basis :**

- 1) Kabaddi (M)
- 2) Kho – Kho (M),
- 3) Cricket (M),
- 4) Volleyball (M),
- 5) Chess

#### **✓ One Zone Basis :**

- |                           |                       |
|---------------------------|-----------------------|
| 1) Carrom (M & W),        | 16) Football (M & W), |
| 2) Basketball (M & W),    | 17) Boxing (M),       |
| 3) Cross Country (M & W), | 18) Cycling (M & W),  |

- 4) Handball (M & W),
- 5) Judo (M & W),
- 6) Gymnastic (M & W),
- 7) Power Lifting (M & W),
- 8) Table Tennis (M & W),
- 9) Volleyball (M & W),
- 10) Shooting (M & W),
- 11) Ball Badminton (M & W),
- 12) Half Marathon (M & W),
- 13) Kho – Kho (W),
- 14) Karate (M & W),
- 15) Squash (M & W),
- 19) Hockey (M & W),
- 20) Tennis (M & W),
- 21) Malkhamb (M & W),
- 22) WeightLifting & Best Physique (M),
- 23) Aquatics (M & W), Water Polo (M)
- 24) Wrestling (M & W),
- 25) Softball (M & W),
- 26) Badminton (M & W),
- 27) Yoga (M & W),
- 28) Athletics (M & W),
- 29) Taekwondo (M & W),
- 30) Kabaddi (W)

This year following colleges were entrusted the entire responsibility of conducting various sports & tournaments 2007-2008. All the Inter-Collegiate Tournaments were conducted smoothly and successfully by the respective colleges.

➤ **Five Zonal basis tournaments :**

<b>Zone</b>	<b>Kabaddi</b>	<b>Kho-Kho</b>	<b>Chess</b>	<b>Volleyball</b>	<b>Cricket</b>
ONE	Department of Sports	Ruparel College	MCC College	Khalsa College	Department of Sports
TWO	Department of Sports	Department of Sports	Mittal College	Department of Sports	Department of Sports
THREE	BNN College	Department of Sports	Karkhanis College	Bharat College	Department of Sports
FOUR	JSM Alibaug	Tasgaonkar Engg.	S. More Poladpur	Karjat ASC College	Department of Sports
FIVE	Gogate College	Sant Rawool Vengurla	S. More Poladpur	Gogate College	Department of Sports

➤ **Inter Zonal Tournament :**

Zone	Kabaddi	Kho-Kho	Chess	Volleyball	Cricket
	JSM Alibaug	Tasgaonkar Engg.	MCC College	Department of Sports	Department of Sports

➤ **One Zone basis sports & tournament :**

- |                           |                                   |
|---------------------------|-----------------------------------|
| 1) Half Marathon (M & W)  | JSS, Goveli                       |
| 2) Cross Country (M & W)  | KMC Khopoli                       |
| 3) Ball Badminton (M & W) | C. H. M. College                  |
| 4) Softball (M & W)       | K. V. Pendharkar College          |
| 5) Weight Lifting (M)     | DTSS College, Malad               |
| 6) Best Physique (M)      | DTSS College, Malad               |
| 7) Power Lifting (M & W)  | DTSS College, Malad               |
| 8) Wrestling              | J. S. M. College, Shivale         |
| 9) Aquatics (M & W)       | H. R. College                     |
| 10) Water Polo (M)        | H. R. College                     |
| 11) Handball              | Pillai's College                  |
| 12) Basketball (M & W)    | Department of Phy. Edun. & Sports |
| 13) Tennis (M & W)        | N. M. College of Commerce         |
| 14) Hockey (M & W)        | G. N. Khalsa College              |
| 15) Shooting (M & W)      | Ruia College                      |
| 16) Carrom (M & W)        | Valia College                     |
| 17) Taikwondo (M & W)     | Valia College                     |
| 18) Badminton (M & W)     | Department of Phy. Edun. & Sports |
| 19) Judo (M & W)          | Mithibai College                  |
| 20) Yoga (M & W)          | Pragati College                   |
| 21) Boxing                | Rizvi College                     |
| 22) Table Tennis (M & W)  | Department of Phy. Edun. & Sports |
| 23) Athletics (M & W)     | Department of Phy. Edun. & Sports |
| 24) Squash (M & W)        | H. R. College of Commerce         |
| 25) Tug of War (M & W)    | P. D. Karkhanis College           |
| 26) Football (M & W)      | Department of Phy. Edun. & Sports |
| 27) Karate (M & W)        | C. H. M. College                  |



➤ **PARTICIPATION IN INTER UNIVERSITY TOURNAMENT**

- |                                |                            |
|--------------------------------|----------------------------|
| 1) Athletics (M & W)           | 12) Basketball (M & W)     |
| 2) Shooting (M & W)            | 13) Ball Badminton (M & W) |
| 3) Chess                       | 14) Cricket (M & W)        |
| 4) Cross Country (M)           | 15) Football (M)           |
| 5) Malkhamb (M & W)            | 16) Hockey (M & W)         |
| 6) Judo (M & W)                | 17) Kabaddi (M &W)         |
| 7) Kho Kho (M & W)             | 18) Power Lifting (M &W)   |
| 8) Wt. Lifting & Best Phy. (M) | 19) Aquatics (M &W)        |
| 9) Softball (M)                | 20) Wrestling (M &W)       |
| 10) Volleyball (M & W)         | 21) Badminton (M &w)       |
| 11) Table Tennis (M)           |                            |

➤ **Achievement of the University of Mumbai Teams & Individual players in the Inter-University Tournament:**

**INDIVIDUAL POSITION**

Game	Name of the Player	Venue	Medals
Gymnastic (M &W)	Vandita Rawal	Punjab University	Silver
	Asmita Chitale	Punjab University	Silver
	Vandita Rawal	Punjab University	Bronze
	Asmita Chitale	Punjab University	Bronze
	Vinay Sawant	Punjab University	Gold
	Nakul Chokshi	Punjab University	Gold
	Ashish Deval	Punjab University	Silver
	Bhaghashree Sawant	Punjab University	Gold
	Snehal Godse	Punjab University	Silver
Malkhamb	(Men Team Championship)	Punjab University	Winner
Individual (Men)	Vikram Malhotra	University of Mumbai	Gold
	Dhiraj Nagpal	University of Mumbai	Silver

Shooting (M &W)			
Air Rifle-Individual (W)	Chaitali Joshi	Punjab University	Silver
Air Rifle-Individual (M)	Prasad Helakar	Kurukshetra University	Silver
Team Championship	Air Rifle (W) 1172 Points	Kurukshetra University	Winner
	Air Rifle (W) 1048 Points	Kurukshetra University	Runner -Up
Team Championship (M)	1772 points	Kurukshetra University	Third
Diving (M)	Rohan	Kerala University	Gold
Power Lifting (M&W)	Sushma Patil (56 Kg)	Punjab University	Gold
	Saraswati Gunjal (60 Kg)	Punjab University	Bronze
	Deepali Jalgaonkar (67.5Kg)	Punjab University	Silver
	Nitin Koli (56 Kg)	Punjab University	Silver
Judo (M&W)	Shraddha Malvankar		Silver
	Hetal Dave		Bronze
	Deepak Yadav		Bronze

➤ **TEAM POSITIONS AT ALL INDIA INTER-UNIVERSITY TOURNAMENT**

- |                      |           |
|----------------------|-----------|
| 1. Cricket (M)       | Winner    |
| 2. Malkhamb (M)      | Winner    |
| 3. Rope Malkhamb (W) | Winner    |
| 4. Table Tennis (M)  | Winner    |
| 5. Air Rifle (W)     | Winner    |
| 6. Air Pistol (W)    | Runner-Up |
| 7. Badminton (W)     | Runner-Up |
| 8. Squash (M)        | Runner-Up |
| 9. Kabaddi (W)       | Third     |
| 10. Kho Kho (W)      | Third     |
| 11. Shooting (M)     | Third     |

➤ **TEAM POSITIONS AT WEST ZONE INTER-UNIVERSITY TOURNAMENTS,**

1. Badminton (M &W)	Winner
2. Cricket (M&W)	Winner
3. Football (M)	Winner
4. Kho Kho (M)	Winner
5. Kho Kho (W)	Runner-Up
6. Tennis (M)	Runner-Up
7. Tennis (W)	Runner-Up
8. Table Tennis	Third

➤ **ORGANIZATION OF INTER-UNIVERSITY TOURNAMENTS :**

Mumbai University hosted All India Inter-University Squash, Racket Tournament 2007-2008 for Men from 19<sup>th</sup> November, 2007 to 21<sup>st</sup> November, 2007 and it was successfully organized by H. R. College of Commerce & Economics. University also introduced individual Squash Rackets Championship for Men first time and Mumbai University bagged Championship.

➤ **ASHWAMEDH 2006 :**

The 10<sup>th</sup> Maharashtra State Inter-University meet “Ashwamedh 2007” was organized by Yashwantrao Chavan Open University, Nasik from 27<sup>th</sup> November, 2007 to 1<sup>st</sup> December, 2007, The University of Mumbai participated in all games and secured following positions in respective games:

<b>Game</b>	<b>Men</b>	<b>Women</b>
1. Athletics	Runner-Up	Winner
2. Kabaddi	Forth Place	Winner
3. Kho Kho	Runner-Up	Runner-Up
4. Basketball	Winner	Winner
5. Volleyball	-----	Winner
6. General Championship	Second	First
<b>7. Overall Championship</b>	<b>F I R S T</b>	

8. Best Player awards :

- |                    |            |
|--------------------|------------|
| 1. Aniket Aroskar  | Basketball |
| 2. Sujata Salunkhe | Kabaddi    |
| 3. Rashmi Rai      | Volleyball |
| 4. Purvi Kulkarni  | Basketball |

➤ **GURU NANAK DEV GENERAL CHAMPIONSHIP 2006-2007**

The Guru Nanak Dev General Championship trophy donated by the local managing committee of G. N. Khalsa College, Matunga will be awarded to Ramnarain Ruia College in the function to be held soon for having scored the highest number of points at Inter-Collegiate Tournaments 2006-2007 conducted by University of Mumbai.

**35. Incentives to outstanding sportpersons**

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**36. Student achievements and awards**

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**37. Activities of the guidance and Counseling unit**

The guidance and counseling centre of Department of Psychology provides guidance and counseling to the students and other individuals.

**38. Placement services provided to students**

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**39. Development programmes for Non-teaching staff**

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**40. Good practices of the institution**

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**41. Linkages developed with National/International, academic/research bodies**

Sr.No.	Department	National/International, academic/research bodies
1	Department of Physics:	<ul style="list-style-type: none"><li>➤ Institute of Metal Physics, Ural Division, Russian Academy of Sciences, Russia</li><li>➤ Theory Group, NIKHRF, Amsterdam, Netherlands</li><li>➤ University of Seoul, South Korea</li></ul> <hr/> <ul style="list-style-type: none"><li>➤ Inter-University Accelerator Centre (IUAC), New Delhi</li><li>➤ Tata Institute of Fundamental Research (TIFR), Mumbai</li><li>➤ Bhabha Atomic Research Centre, Mumbai</li><li>➤ UGC-DAE CSR Centres at Mumbai &amp; Indore</li><li>➤ Indian Institute of Technology Bombay, Mumbai</li><li>➤ University of Pune, Pune</li></ul>
2	Department of Applied Psychology	<ul style="list-style-type: none"><li>➤ Faculty members are involved in a collaborative work with various scholars across globe. These linkages are at the level of individual faculty members.</li></ul>

**42. Action taken report on the AQAR of the previous year (i.e. 2006-07)**

As planned the University was able to implement almost all the activities which were planned for the year 2006-07. The activities which could not be completed fully or partly, the concerned departments and faculty were advised to complete the relevant work. The departments were asked to take necessary steps to increase national and international collaborative programmes.

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

Nil

## **Section C: Outcomes achieved by the end of the year**

As planned in June 2007, University of Mumbai established the Department of Pali which started offering M. Phil. course in Pali from November 2007. Seven new courses were started by six Departments. P.G. Diplomas in various applied fields were introduced by Garware Institute of Career Education & Development, Department of Statistics and Department of Urdu. These courses increased the job opportunities for the students. In addition, Department of Commerce and Centre for Central Eurasian Studies started M. A., M. Phil and Ph. D. programmes in their respective subjects. Four departments viz. Department of French, Urdu, History and Centre for Central Eurasian Studies introduced innovations in their curricular design. Garware Institute of Career Education and Development in collaboration with Industries started new inter-disciplinary P.G. Dip. programmes in pharma management and analytical techniques. Department of French and other five departments of the University jointly organized interdisciplinary courses, study tours etc. for students' community.

Department of Statistics and Department of Bio-physics implemented examination reforms in an effort to improve the standard of their P. G. teaching programmes, Faculty of University Departments provided adequate guidance to the University students appearing for SLET/NET examinations as a result of which 83 students passed these two examinations.

The faculty members from Departments of Statistics and French attended refresher/orientations courses/workshops, organized by Academic Staff Colleges of Mumbai and other institutions. Three departments organized and conducted orientation and refresher programmes in collaboration with Academic Staff Colleges of Mumbai University. Centre for Central Eurasian Studies started a Newsletter of the centre and collaborative activities at National and International levels.

A total number of 34 seminars, workshops and symposia were organized by 13 departments of the University as part of the academic and research activities in order to enhance and upgrade the knowledge of the teaching community in their subjects. Out of 10 ongoing research projects, two projects were completed and reports submitted to the respective funding agencies. During this year, 261 students were enrolled for M. Phil. and Ph. D. degrees in 12 departments. The number of students who completed their Ph. D./ M. Phil. degrees was 42. Five of the University Departments received research funding from UGC, DST etc. Department of Physics received a significant amount of research grants under DST FIST level II and UGC-SAP level II programmes.

During this year, two of the University teachers received two prestigious awards instituted by Government of Maharashtra viz. 1) Prof. Arun M. Narsale from Department of Physics received the Adarsh Shikshak Puruskar of 2007, 2) Prof. Harishchandra Thorat received 'Prof. W. L. Kulkarni Puraskar', for his book on 'Criticism'. Mrs. M. Kshirsagar and Dr. M. Sirdeshpande of Department French, were awarded 'Chevalier dans l'Ordre des Palmes Academiques Le Chavelier des Arts et des Letters' by the French Embassy. Dr. U. J. Dixit and Dr. Ruby Maloni received University of Mumbai's performance based Sesqui-Centennial incentive award of Rs. 50,000/- for their excellent contribution in research & teaching. Dr. Mrs. Pushpalata-Rajapure-Tapas received the 'Pillars of Hindustani Society Award' instituted by Trans-Asian Chamber of Commerce. Dr. T. R. Ghoble received the Best Teacher Award for the year 2007, from University of Mumbai. Dr. P. L. Dash was awarded the 'Medal of Honour for Afro-Asian Solidarity' by the Russian Council, Government of Russia. Dr. Mariam Dossal was invited to be a Referee for Urban Age Awards, by London School of Economics & Deutsche Bank, Mumbai.

The collaborative research programmes with other academic/research institutes and industries were started or continued. Garware Institute of Career Education and Development generated internal resources of Rs. 74.00 lakhs through their various courses. Many departments either introduced or upgraded their existing teaching aids such as LCD projectors, OHPs and internet connectivity which benefitted the students as well as the teachers. Six Departments conducted various community projects in rural areas. Department of Physics established a strong linkage between three International Institutes and six important National organizations.

The university students excelled in sports and cultural activities and won many awards/prizes at various intercollegiate and interuniversity competitions.

## Section D: Plans of the HEI for the next year i.e. (2008-2009)

1. Some of the major activities to be carried out during the year 2008-09 will be as follows.
2. Introduction of new P.G. degree and Diploma courses by University Departments.
3. Revision of syllabi in the subjects wherever it was due.
4. Use of new technology and /or up-gradation of existing technology for class room and laboratory teaching of P.G. courses.
5. Upgradation of internet access to students and teachers.
6. Encourage departments and faculty members to submit research projects to UGC, DST, BRNS, ISRO etc for individual project grants and/or under DST-FIST, UGC-SAP programmes.
7. Encourage the faculty and departments and institutes to start collaborative academic and research programmes in order to enhance the interaction between various organizations and which will benefit the academic community.
8. Increased participation of the faculty, staff and students in sports. extracurricular activities and community services.

Signature:	Signature :
Name: Dr. R.S. Hande Director/Coordinator, IQAC	Name: Dr. Rajan Velukar Chairperson, IQAC