



THAKUR COLLEGE OF SCIENCE & COMMERCE

Shamnarayan Thakur Marg, Thakur Village, Kandivli (E.), Mumbai 400 101

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Annual Quality Assurance Report (AQAR)

Year of Report: 2007-2008

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Part A:

Plan of action of IQAC and its fulfillment at the end of the academic year:

1. The degree college commerce section applied for permanent affiliation to the University of Mumbai and after the L.I.C. visit the college received the permanent affiliation on 11th November 2007.
2. After getting the permanent affiliation, the college is in the process of going for 12b and 2f recognition from U.G.C.

Part B:

1. Activities reflecting goals and objectives of the Institution:

Thakur College of Science & Commerce (TCSC) was established in 1997, which currently the largest unaided institution of the state of Maharashtra with B grade of NAAC and ISO 9001: 2000 certification. The college is growing by leaps and bounds in various areas of infrastructure, courses, and placements; supported by excellent staff and a progressive management. In the time span of 10 years, the college has achieved laurels in the fields of a academics, co curricular and extra curricular activities like Sports, N.C.C., N.S.S. and Cultural. TCSC aims at imparting holistic and quality education to its 10,748 students and to help them become upstanding and responsible human beings & citizens.

College has taken the initiative of training and preparing students for the IIT entrance exam and as a result quite a few students have been successful in the IIT entrance exam and have taken admission in various IIT's all over India.

College having centre for IAPT-NGPE (physics) exam. Students prepared for exam and as a result a few students stood first among the centre as well as state level.

The student council had organized a seminar on IELTS in collaboration with Australia Network on 25th October 2007; where authorities and celebrities from Australia guided the students regarding preparation for "Common English Test" required pursuing higher education in Australia.

2. New academic programmes initiated (UG / PG):

A) B.Sc. Aviation course has been initiated in this academic year (2007-08)

3. Innovations in curriculum designing and transaction:

The syllabus is designed by the Board of Studies, University of Mumbai. Hence there is no scope for the lecturers to design the syllabus but some of the staff members are a part of the Syllabus Committee and they contribute in framing the syllabus for various subjects.

Lecturers adopt innovative methods such as OHP, Charts, Projects, Working Models & LCD presentations to present the topic to the students so that syllabus can be covered in effective and efficient way. Extra lectures are engaged, if required, to make the concept clear to the students.

We invite experts from the industries and various other fields to deliver guest lectures so that the students can understand the practical aspects of a subject along with the theoretical part. It also helps us in developing contacts with leading industries and other organizations.

4. Inter-disciplinary programmes:

The law association and the women development cell organized an event on “Fundamental Rights And Right To Information” for the students as well as staff members of the college.

5. Examination reforms implemented:

During the academic year 2006 – 2007, alterations and reformations are made, which are continued in the academic year 2007 - 2008. The A.T.K.T. examination for the second term was conducted in the month of Feb. 2008 and results were declared before commencement of regular university examination.

The facility of obtaining photocopies of assessed and \ or moderated answer book\s by the examiner\s is \ are extended with a view to bring transparency in the examination system and ensure its credibility as per the instructions received from the University.

6. Number of candidates qualified (NET /SET)

Number of NET qualified candidates: 01

Number of SET qualified candidates: 01

7. Number of seminars / workshops conducted: Nil

8. Research projects:

The staff members have taken up minor research projects funded by the University of Mumbai for the academic year 2007 – 2008. The projects are as follows –

- (a) “Synthesis of Antioxidant molecules”
; Dr. C. T. Chakraborty, Dept. of Chemistry
- (b) “Determination of heavy elements in pharmaceutical samples”
; Dr. S.D. Ajagekar, Dept. of Chemistry
- (c) “Evaluation of potential of selected Indian Medicinal Plants to modulate angiogenesis”; Dr. Aparna Deshmukh, Dept. of Bio-technology
- (d) “Detection of different component in Gomutra (cows urine) with respect to the antifungal activity of the Gomutra”
; Mr. Vinit Vaidya, Dept. of Botany
- (e) “In service Training of lecturers in Degree Colleges: a case study of Colleges affiliated to Mumbai University” ; Mrs. Sangeeta Chaudhari, Dept. of Commerce
- (f) “SEZ’s of China and India: A Comparative Study” ; Mrs. Rashmi Shetty, Dept. of Commerce
- (g) Analysis of Temperature and Rainfall data of selected stations in Maharashtra ; Mrs. Sunita Maral, Dept. of EVS
- (h) “Emerging trends in Commodity markets in India”; Mr. Ashutosh Saxena, Dept. of Commerce

9. Patents generated: Nil

10. New collaborative Research programmes:

The Chemical Research centre at TCSC carry out various contract research projects for the industries, both from India and abroad. Companies from Europe have funded projects, which have been completed successfully. Recently, a Research Project is funded by Unilever Research, India.

11. Research grants:

Sr. No.	Title of the Project	Investigator	Amount (Rs.)
1	“Synthesis of Antioxidant molecules”	Dr. Chaitaly Chakraborty	22,000
2	“Determination of heavy elements in pharmaceutical samples”	Dr. S.D. Ajagekar	12,000
3	“Evaluation of potential of selected Indian Medicinal Plants to modulate angiogenesis”	Dr. Aparna Deshmukh	12,000
4	“Detection of different component in Gomutra (cows urine) with respect to the antifungal activity of the Gomutra”	Mr. Vinit Vaidya	10,000
5	“In service Training of lecturers in Degree Colleges: a case study of Colleges affiliated to Mumbai University”	Mrs. Sangeeta Chaudhari	5,000
6	“SEZ’s of China and India: A Comparative Study”	Mrs. Rashmi Shetty	8,000
7	“Analysis of Temperature and Rainfall data of selected stations in Maharashtra”	Mrs. Sunita Maral	20,000
8	“Emerging trends in Commodity markets in India”	Mr. Ashutosh Saxena	10,000

12. Number of Research scholars:

1. Faculty members involved in Minor Research Projects – 08
2. Faculty members pursuing Ph.D. – 06
3. Faculty members Pursuing M. Phil. – 06

13. Citation index of faculty members and impact factors: Nil**14. Honors / Awards of the faculty: Nil****15. Internal resources generated:**

We have self financing professional courses like Computer Science, Information Technology, Biotechnology, B.Com (Banking / Insurance), B. Com. (Accounting / Finance), and M.Com. (E – Commerce), B.Sc. (Aviation) and B.Com (Financial Market) which generates funds for providing infrastructural and other facilities to the students.

We appoint lecturers from various departments in the College, in the concerned specialized subjects and also invite guest lecturers and visiting faculty members for catering to the needs of the students of these specialized courses.

16. Details about SAP / COSIST / DST / FIST etc.: Nil.

17. Community services:

- (a) The N.S.S. Unit of our college arranged an education camp at White Field Hospital, Bangalore and Puttaparti, Andhra Pradesh from 19th Oct. to 31st Oct. 2007. N.S.S. and non N.S.S. volunteers alongwith N.S.S. programme officers, Principal and Teachers participated in this ten days camp.
- (b) N.S.S. Unit carried out a blood donation camp on 24th September 2007 and 18th Jan, 2008 and in collaboration with Sion Hospital and collected 118 and 116 units of the blood on the respective days.
- (c) 50 N.S.S. volunteers visited and assisted the orthopedic team at the Lilavati Hospital to take care of patients in the month November.
- (d) The N.S.S. unit also works for AIDS awareness by distributing HIV/AIDS related pamphlets, books etc among people of Samata Nagar area, Thakur village and also conducted an Awareness Rally in the neighbouring areas.

18. Number of teachers and officers newly recruited: 23

19. Teaching and non teaching staff ratio: 90 : 39

20. Improvements in the library:

Total Area

Main Library	7210 sq. ft.
Computer Library	740 sq. ft.
Digital Library	300 sq. ft.

Reading Area

Main Library	6463 sq. ft.
Computer Library	595 sq. ft.

Circulation Area

Main Library	407 sq. ft.
Computer Library	40 sq. ft.

Stack Area

Main Library	340 sq. ft.
Computer Library	105 sq. ft.

Total Seats

Main Library	660
Computer Library	48
Digital Library	19

Expenditure on Books * : 10, 55,211/-

No. of Books Purchased * : 3118

*Some books are still in processing

No. of CDs Purchased :

	No. of Titles	No. of CDs
Degree	46	72
Junior	14	44
Total	60	116

Book Bank Scheme : Yes

University Book Bank Scheme : Yes

21. New arrivals in the library:

Total No. of Magazines and Journals: 40

Expenditure on Magazines and Journals *: 34,501/-

Total No. of Newspapers : 10

22. Students' feedback:

We have a system of students' feedback which includes areas like faculty, courses and infrastructure. On the basis of this feedback which is collected from the student on a regular basis required changes and development is made for the betterment and benefit of the students.

In case of faculty feedback the concerned persons are provided with the results of the student feedback by the Principal in the form of official letters. If and when required the faculty members are given guidance, advice and suggestions by the Principal and the Head of the departments.

23. Unit cost of education: Rs. 7000/ - per student

24. Computerization of work:

1. Admission process
2. Notices
3. Letter Correspondence
4. General Register
5. Examination Process
6. Accounts and salary etc.

25. Infrastructure facilities:

- Research Center for Physical, Chemical and Biological Sciences
- Presentation Room
- Main and Computer Libraries
- 54 Class rooms
- Fully Equipped Laboratories
- Separate working area for self financing courses like Information Technology and Computer Science.
- Separate Staff rooms for Science And Commerce faculty
- Seminar Hall
- Net Campus Room
- Conference Hall
- Waiting lobby
- Spacious open quadrangle
- Lawn
- Play Ground
- Gymkhana
- Canteen
- Parking Place
- Garden lobby
- First Aid cum Counseling Center
- Digital Library

26. Technology up gradation:

1. Research – The Research laboratories have been provided with required latest facilities like Laminar Flow, Shakers, and Distillation Unit etc.
2. Presentations – The facility of Smart Board is provided for Audio-Visual presentations. There is a separate Presentation Room with all Audio Visual facilities to cater the needs of the students at the third year level or from the self financing courses.
3. OPAC System – OPAC System is installed in the Library for efficient and effective working of the Library.
4. Inter Net Connection – There are three broad band lines of 512 kbps. Provided in Post Graduate section, Internet Room and Other Computer Laboratories. A separate Inter Net Room is provided to the students and faculty for communication and up gradation.
5. Computers and LCD Projectors – We have nine computer Laboratories with latest configuration. The College has five LCD Projectors.

27. Training and access of internet to the staff and students:

We have a separate Internet Room with 32 computers, which works from 9.30 a.m. to 5.00 p.m. Students and Staff Members can avail the facility as and when required.

28. Financial aid to the students:

Some poor and needy students can not pay the fees at once; College provides them with the facility to pay the fees in installments. For some students the Management provides assistance to pay the fees or they have been given free ships. There are various Special Prizes sponsored for the Academic Toppers.

29. Alumni activities:

The college has formed an Alumni Association which consist of staff members and number of Alumni students of our college. This association helps the college in organizing different activities such as cultural, sports, N.C.C., N.S.S and placements.

30. Parents Teachers Association (PTA):

We are in contact with the parents to inform them about the progress of their wards on regular basis. We send the letters from the College to make them aware about the attendance, their performance in examination and weekly tests etc. Parents Teachers meetings are conducted on regular basis to have one to one correspondence. During these meetings the Principal addresses the parents but class Teachers and other Staff Members are continuously maintain the pace with the students for smooth conduct of the College.

31. Health services:

- (a) The N.S.S. unit also works for AIDS awareness by distributing HIV/AIDS related pamphlets, books etc among people of Samata Nagar area, Thakur village and also conducted and Awareness Rally in the neighboring areas.
- (b) N.S.S. Unit carried out a blood donation camp on 24th September 2007 and 18th Jan, 2008 and in collaboration with Sion Hospital and collected 118 and 116 units of the blood on the respective days.
- (c) N.S.S. Unit organized a project 'Healthy Youth for Healthy India' in association with Shri. Sathya Sai Biotechnology Lab, Aksha, Malad to make protein rich food packets for malnourished people of Maharashtra.

32. Performance in sports:

Our College has been placed in the Top 10 in the University amongst all the colleges of the University. Our students won 58 Gold, 44 Silver and 34 Bronze medals and 6 Trophies this year (2007-2008).

1. Boys Badminton Team participated Inter College Tournament Organized by University of Mumbai won 1st place and also Championship Trophy.
2. Volleyball (Boys) team won the Championship Trophy at the Intercollegiate Tournament organized by University of Mumbai.
3. Mamta Sharma, Malinin Singh, and Radhika Dubey won Gold medals in Boxing at the senior level.
4. Boys Boxing Team participated in the intercollegiate competition organized University of Mumbai and secured 2nd position.

33. Incentives to outstanding sportsperson:

They have been given cash incentives according to their performance. They are entitled for the sponsored cash prizes. Along with that they have been given relaxation in their attendance for the lectures and / or practicals as per the provision of the University norms. They are provided with the extra and remedial coaching, if required.

34. Students' achievements and awards:

1. Ms. Kiran Shukla, students of T.Y.B.Sc. Zoology, stood 2nd in University of Mumbai in Zoology.
2. Miss. Sapna Sharms T.Y.B.Sc. Zoology student completed her Comercial Pilot training and joined Indian Airlines as a Pilot.
3. Ms. Srirang Bhawe of T.Y.B.Sc. Biotechnology student won 1st prize in Hindustani Classical Vocal Music competition at 'MOOD INDIGO 2007' organized by IIT, Bombay in December, 2007. He also won 2nd prize in ALL INDIA RADIO MUSIC COMPETITION (2007) in NATYASANGEET category.
4. Mr. C.D. Shalil Usman a F.Y.B.Com student, played for INDIAN Football Team (U/19) in GERMANY (2007-2008).

35. Guidance and counseling unit:

We provide services of professional counselors to the students. The activities include –

1. Career guidance and counseling
2. Diagnostic Aptitude Test and Analysis
3. Interview Technique Workshop, Personality Development Programmes
4. English Speaking, Communication Skills Enhancement etc.
5. Guidance for IIT
6. Training for MH-CET and AIEEE
7. Guidance for admission to the Foreign Universities

36. Placement services provided to the students:

The College has Training & Placement Cell (TPC) functioning from June 2004. The objective of the Cell is to assist and trained the students in getting them suitable Jobs after graduation. It's also trains the students for overall Personality development and interviews. The Cell contacts companies and organizations from different sectors, so the students have a wider choice of Job opportunities and future prospects.

This year we have contacted companies like J. P. Morgan Chase, Tech Mahindra, Infosys, TCS, WIPRO, Deutsche Bank, India Bulls ICICI Prudential Life Insurances , Reliance Mutual Funds etc. to place our students. 410 students enrolled in TPC to avail the facility, out of which we placed 313 successfully.

37. Development programmes for non-teaching staff:

1. For the development of non-teaching staff college arranges various sports and cultural activities. They are also encouraged to contribute to the college magazine.
2. The college has introduced medi-claim policy for the benefit of the non teaching staff.
3. They are also provided loan from the college co-operative society at a low interest rate.
4. The non teaching staff is also invited to participate in the routine meetings with the principal and the management regarding matter related to them.

38. Any other relevant information: Nil.

Part C: Plan of the Institution for next academic year (2008– 2009):

The College has completed 11 years of its existence and wishes to get into the phase of development from the phase of establishment. Hence, the College has decided the following goals for academic year 2008 – 2009.

1. Keen academic orientation of the students to concentrate on the merit along with the overall development of the personality.
2. Enhancement of the research and research oriented activities for the teaching staff and the students.
3. We plan to go for 12b and 2f for commerce section from U.G.C.

PRINCIPAL
Dr. (Mrs.) C. T. Chakraborty