

1. Name of the department:

Mathematics

2. Year of Establishment:

1963

3. Names of programmes/ courses offered:

UG (Elective: Computer Applications)

4. Names of Interdisciplinary courses and the departments/ units involved:

Nil

5. Annual/ semester/ choice based credit system (programme wise):

Credit Based Semester System

6. Participation of the department in the courses offered by other departments:

Commerce department

7. Courses in collaboration with other universities, industries, foreign institutions, etc.:

Nil

8. Details of courses/programmes discontinued (if any) with reasons:

Nil

9. Number of teaching posts:

Post	Sanctioned (04) Filled (04)	Details
Professors	-	
Associate Professors	01	
Assistant Professors	03	

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt. /Ph.D./ M. Phil. etc.):

Name	Qualification	Designation	Specialization	Experience (Years)	No. of Ph.D. students guided in last 4 years
Mandakini Diwan	M.A, M. Phil.	HOD & Associate Professor	-	34	-
Dakshayani Masuti	M.Sc. M. Phil.	Associate Professor	-	29	-
Mary Jossy	M.Sc	Associate Professor	-	22	-
Indra S Saud	M.Sc., SET	Assistant Professor	-	16	-

11. List of senior visiting faculty/Guest:

M.Sc.: 02

Name	Institute	Year
Ms. Smita Shevade	Dyansadhana College, Thane	2009-10
Dr. Ravi Rao	T.I.F.R.	2009-10
Dr. V.J. Abhyankar	Mithibai College, Vile Parle	2010-11
Mr. Mangesh Shelar	I.I.T. Mumbai	2011-12
Dr. R.J. Shah	Acturial Science	2012
Mr. Hrishikesh Singh		2012

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:

Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

5%

18. Research centre/ facility recognized by the University:

Nil

13. Student-Teacher Ratio (programme wise):

60:1

19. Publications:

(Publication per faculty)

Nil

14. Number of academic support staff (technical) and administrative staff sanctioned:

- 01 Lab Attendants

20. Areas of consultancy and income generated:

Nil

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ M.Phil./ P.G.:

M.Phil.: 02

21. Faculty as members in

Senate: Nil

Board of Studies: Nil

22. Student projects

a. Percentage of students who have done in-house projects including inter departmental/ programme:

N/A

b. Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/ industry/ other agencies:

N/A

23. Awards/ Recognitions received by faculty and students:

Nil

24. List of eminent academicians and scientists/ visitors to the department:

Same as in No. 11

25. Seminars/ conferences/ workshops organized & the source of funding:

- National seminar on "Aspects of Mathematics" in association with Bombay Mathematics Colloquium. 14-15 December, 2012

26. Student profile programme/ course wise:

Year	Applications received	Selected	Enrolled		Pass percentage
			M	F	
		T.Y. B.Sc.			
2012-13	68	68	30	38	44%
2011-12	43	43	11	32	47%
2010-11	40	40	24	16	57%
2009-10	29	29	13	16	86%

27. Diversity of Students:

Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
F.Y. B.Sc	95	5	-
S.Y. B.Sc	100	-	-
T.Y. B.Sc	100	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services etc.?

Data not available

29. Student progression:

Student progression	Against % enrolled
UG to PG	15%
PG to M.Phil.	Data not available
PG to Ph.D.	Data not available
Ph.D. to Post-Doctoral	Data not available
Employed	100%
• Campus selection	
• Other than campus recruitment	
Entrepreneurship/ Self-employment	1%

30. Details of Infrastructural facilities:

- Library: 2634 Books (+ books in central library)
- Internet facilities for Staff & Students: Available
- Class rooms with ICT facility: Available
- Laboratories: Computer laboratory

31. Number of students receiving financial assistance from college, university, government or other agencies:

Annexure IX (pg. 264)

32. Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts:

The Maths club of the department of Mathematics conducts student enrichment programs by organizing guest lectures on topics like Vedis Maths, Rise of Topology, Geometry made easy by "Origami", student display the articles made and explain the concept behind it. Students are encouraged to use ICT for explaining topics included in their curriculum

33. Teaching methods adopted to improve student learning:

- Teachers take extra efforts to explain the concept to the students. Extra lectures for practice is scheduled.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- One staff member is involved in the NSS activities of the college.

35. SWOC analysis of the department and future plans:**• Strengths:**

Sincere and hardworking team of faculty members.

• Weakness:

In spite of the best efforts put in by the faculty members T.Y. B.Sc. results are not satisfactory.

• Opportunities:

The subject of Mathematics has wide range of applications students can be motivated to apply their knowledge.

• Challenges:

To teach Mathematics to students who are marginalized (socially economically and academically).

• Future Plans:

Strengthen the Maths Club.