

1. Name of the department : MATHEMATICS
2. Year of Establishment :
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) :
 I) B.Sc.(Gen)-Since 2001.
 II) B.Sc. (Hons)-Since 2012-2013
4. Names of Interdisciplinary courses and the departments/units involved:Nil
5. Annual/ semester/choice based credit system (programme wise): Annual
6. Participation of the department in the courses offered by other departments :
 MSBG and BMS classes of the Commerce department were taken by the faculties of Our department.
7. Courses in collaboration with other universities, industries, foreign institutions, etc.:Nil
8. Details of courses/programmes discontinued (if any) with reasons
9. Number of Teaching posts

	Sanctioned	Filled
Professors Associate	Nil	Nil
Professors	Nil	Nil
Asst. Professors	One	One

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

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Tapas Lowha	M.Sc.	Assistant Professor	Real Analysis	Ten	Nil
Jagatpati Das	M.Sc.	Govt. Approved part time lecturer	Abstract Algebra	Sixteen	Nil
Souptick Chakraborty	M.Sc.	Guest Lecturer	Module Theory, Number Theory, Analytic function.	One	Nil
Subhra Bhowmik	M.Sc.	Guest Lecturer		Two	Nil

11. List of senior visiting faculty: Nil

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

Course	Lectures	Practical Classes
B.Sc(Honours)	25%	100%
B.Sc.(General)	22%	--

13. Student -Teacher Ratio (programme wise):

B.Sc.(Hons)- 1:4

B.Sc.(Gen) - 1:34

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

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.
PG: Four
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:
- i) UGC Sponsored Minor Research Project.
Title- Topological Entropy of Compact/Non-Compact Sets(via Measure Theory): An Overview and Estimation.
18. Research Centre /facility recognized by the University: Nil
19. Publications:
- * a) Publication per faculty:
Tapas Lowha : 3
- * Number of papers published in peer reviewed journals (national / international) by faculty and students
- Faculty :
Tapas Lowha :3
- Student : Nil

- * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - a) Tapas Lowha : 3

Publication of Papers:

Tapas Lowha :

1. Basu, C. K., & **Lowha, T.** (2014). "WEIGHTED SHARING OF A SMALL FUNCTION OF A MEROMORPHIC FUNCTION AND ITS DERIVATIVES". *International Journal of Mathematical Archive (IJMA) ISSN 2229-5046*, 5(3). (I.F.4.091(SJIF 2012)).
 2. T.Lowha. "Some Generalizations of Differential Polynomials of Meromorphic Functions". *Int.J. Math and Comp.Research*, Vol2, Issue7, July(2014), Page 518-530. (I.F.2.2003 (Uifactor)).
 3. T. Lowha, "Sharing Condition of Meromorphic Function". *Antarctica J. Math.*,11(3)(2014),247-264. (Scientific Factor:18.0)
20. Areas of consultancy and income generated : Nil
 21. Faculty as members in
 - a) National committees b) International Committees c) Editorial Boards.... : Nil
 22. Student projects
 - a. Percentage of students who have done in-house projects including inter departmental/programme: Nil
 - b. Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : Nil
 23. Awards / Recognitions received by faculty and students: Nil
 24. List of eminent academicians and scientists / visitors to the department: Nil

25. Seminars/ Conferences/Workshops organized & the source of funding

- a. National
- b. International

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications Received	Selected	Enrolled		Pass percentage
			*M	*F	
B.Sc.(Hons) 2012-13	31	12	9	3	Honours introduced in 2012-13. So no data is available.
B.Sc.(Gen)			67		73.13%

*M = Male *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc.(Honours)	100%	0%	0%
B.Sc.(Gen)	100%	0%	0%

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

29. Student progression

Student progression	Against % enrolled
UG to PG	N.A.
PG to M.Phil.	N.A.
PG to Ph.D.	N.A.
Ph.D. to Post-Doctoral	N.A.
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	N.A.
Entrepreneurship/Self-employment	N.A.

30. Details of Infrastructural facilities

- a. Library : Appoximately 900 books in the central library.
 - b. Internet facilities for Staff & Students: One desktop computer & one laptop computer with wireless Broadband (for faculties).
 - c. Class rooms with ICT facility : Nil
 - d. Laboratories : Yet to set-up
31. Number of students receiving financial assistance from college, university, government or other agencies : Nil
32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts :Nil
33. Teaching methods adopted to improve student learning : Chalk-Duster.
34. Participation in Institutional Social Responsibility (ISR) and Extension Activities: Nil
35. SWOC analysis of the department and Future plans :

The Mathematics department is successfully conducting the B.Sc. (General) Course of the University of Calcutta since 2001. The B.Sc.(Honours) course has been introduced in the session 2012-2013 and its first batch is about to graduate .

The department has a well-stocked books in the central library. Students can read all books in the reading room and also they are allowed to borrow sufficient books from the library. Our faculties are actively doing Ph.D. work. One of the guest faculty have done his post graduate from Bombay IIT. Since there are

only a few students in honours course, our faculties are always trying to solve each problems of the students at their very best. Very recently we are planning to introduced a departmental journal for the benefit of our students.

Though our department has been suffering badly due to the shortage of full time teaching staff yet all of us are very sincere at their end.