

DEPARTMENT OF MATHEMATICS GARHBETA COLLEGE



“If people do not believe that mathematics is simple, it is only because they do not realize how complicated life is”

-- John Louis Von Neumann

Courses Taught by the Mathematics Department

- 1. M. Sc. In Applied Mathematics with Oceanology and Computer Programming**
- 2. B. Sc. In Mathematics (Honors)**
- 3. B. Sc. In Mathematics General**
- 4. Business Mathematics & Statistics (Interdisciplinary)**

About the Department of Mathematics, Garhbeta College

At present the Department has four sanctioned UGC posts. Mr. Alarif Mollah, Dr. Sushil Kr. Ghosh and Dr. Abhijit Banerjee are rendering their services as the Associate Professors and Dr. Rajlaxmi Mukherjee is rendering her service as an Assistant Professor to this Department. Mr. Alarif Mollah is in charge of the department. Moreover, the Mathematics Department has four State Aided College Teachers (SACT) approved by The Government of West Bengal. In 2017, department put one feather on her crown in the form of introduction of post graduate course in Applied Mathematics with Oceanology and Computer Programming. It is our pleasure that all passed out M. Sc. Students scored high marks in every semester and the topper of our first batch in M. Sc., Qualified both NET and GATE examinations. Our B.Sc. (Hons.) passed out students are mostly placed in different colleges, in Railways, Financial Institutions, in schools (as PG teachers) and various well-established organizations. Teachers have good number of research publications in reputed International and National journals along with UGC (Minor) and DST (SERB) research projects. Department occasionally organizes seminar, workshop and series of lectures to inculcate the research mind and motivation among the students. Furthermore, the department has a good practice in students' seminar, quiz and wall magazine article writing for every academic year. To enhance capability, students of PG final year usually go for excursion and industrial visit for the partial fulfillment of the requirement in the curriculum and degree. Mathematics department is proud to have a well-organized departmental library consisting of a large number of quality books. Though we have a substantial number of text and reference books, it is our appeal to all our well settled ex-students to donate books to the departmental library to make the number of books sufficient. Besides, students can borrow different kind of books from the Central Library where the number of Mathematics text and reference books is being increased notably every year. We have two dedicated class rooms for PG students and one for UG final year students. These three rooms have fixed LCD projectors and teachers often use as means to expedite their lesson through audio-visual demonstration. We always encourage the culture of interactive discussion on mathematics among same class students in the off period. The department have 20 computers in a small computer lab having MATLAB software in 6 machines. Our UG or PG students need not go the college computer center for their computer laboratory class. Beyond the class hour students are also allowed to practice and execute some computational work required to fulfill learning aptitude of the curriculum. Apart from the computer laboratory, there are six computers, 5 Laptops, three printers (one color) and accessories in the department, purchased using various central government funds and research projects. For the sake of students and smooth functioning of the department, college authority has appointed one non-teaching staff. Now the department is functioning well with the teachers and students. Gladly we may announce that students admitted in this department are doing well in the University Examinations.

The Department of Mathematics has specific location at western part of the college campus. It consists of two class rooms, one staff room and a computer laboratory in the 1st floor of Satyendra Nath Bhaban along with a class room in the 1st floor of Ambedkar Bhaban. The department and its stakeholders have a cordial relation with the college authority, office as well as with faculty members and supporting staff of all departments and the remaining stakeholders.

Mission of the Department

Garhbeta College has a logo bearing the following description and significance.

It is a circle. The lower position of it is the picture of a lotus in a pond in miniature having two lotus buds at two sides with a burning light floating in the middle.

The logo stands for Garhbeta College. Lotus pond is the abode of Lakshmi, Goddess of wealth and property. The burning light is symbolic of knowledge and learning. The motto of Garhbeta College is to promote prosperity through learning.

Keeping pace with the aim of the college, the Mathematics Department considers the enrichment and empowerment of the students with the knowledge of Mathematical Sciences and its application. Now, Mathematics is a language of the world of science.

In this changing scenario, the department aims at developing the students communicative skills in language and enhancing their literary sense, enriching them with sound knowledge of language and literature, encouraging the students to participate in different academic competitions, empowering them with adequate and advanced knowledge to face various competitive examinations in private and public services later on, helping the students in being responsible citizens of the country and in being conscious global citizens as well, and so on.