Department of Mathematics

Durgapur Govt. College

Department of Mathematics, Durgapur Govt. College offers six semester B.Sc. Mathematics Honours and Mathematics Program courses under CBCS. After successful completion of these courses (Hons. /Program) students can opt for an advanced course such as Pure Mathematics, Applied Mathematics, Computer applications etc., under Kazi Nazrul University as well as other Indian and foreign Universities.

Syllabus of the said courses are well planned to cover a wide spectrum of topics in Mathematics as stated below:

1. Classical, Abstract and Linear algebra and their applications

2. Analytical geometry of dimension 2 and 3 and vector analysis

3. Differential and integral calculus

4. Real analysis and Complex analysis

5. Basic courses of topology and Functional analysis

6. Ordinary and partial differential equations and the theory of integral transforms

7. Statics and hydrostatics

8. Operations research and game theory

9. Computer programming, Numerical analysis and computer aided numerical practical

10. Probability and statistics