

**SARAT CENTENARY COLLEGE**  
**DEPARTMENT OF MATHEMATICS**  
**WORKLOAD FOR THE SESSION 2022-2023**

**DR. UJJAL KUMAR MUKHERJEE :**

SEMESTER	Paper Title(Hons.-DSE/Core)	Paper Title (General-DSE/Core)	Paper Title (Hons./Gen.-SEC)	No. of Lecture/week
SEM I	Algebra (CC02) Lectures-4	–	–	4
SEM II	Sequences & Series (CC03) Lectures-4	–	–	4
SEM III	Metric Spaces(CC05) Lectures-5	–	Logic and Set (SEC11) Lectures-2	7
SEM IV	Riemann Integral&Series of a Functions(CC08) Lectures-5	–	Graph Theory (SEC21) Lectures-2	7
SEM V	Partial Differential Equation & Applications(CC11) Lectures-6	–	–	6
SEM VI	Metric Spaces & Complex Analysis(CC13) & Project Work (PW01) Lectures-6	–	–	6

**DR. BIDYUT SANTRA :**

SEMESTER	Paper Title(Hons.-DSE/Core)	Paper Title (General-DSE/Core)	Paper Title (Hons./Gen.-SEC)	No. of Lecture/week
SEM I	Geometry, Differential Equation(CC01) Lectures-4	–	–	4
SEM II	Sets (CC03) Lectures-4	–	–	4
SEM III	Group Theory I(CC06), Numerical Practical(CC07) Lectures-7	Real Analysis –Unit 1,2 (CC1C) Lectures-1	–	8
SEM IV	Ring Theory & Linear Algebra I (CC10) Lectures-7	Algebra (CC1D) Lectures-1	–	8
SEM V	Linear Programming(DSE11) Lecture-7	Matrices (DSE1A1) Lectures-1	–	8
SEM VI	Ring Theory & Linear Algebra II (CC14) & Project Work (PW01) Lectures-6	–	–	6

**DR. PRAMIT REJ :**

SEMESTER	Paper Title(Hons.-DSE/Core)	Paper Title (General-DSE/Core)	Paper Title (Hons./Gen.-SEC)	No. of Lecture /week
SEM I	Integral Calculus(CC01) Lectures-5	–	–	5
SEM II	Differential Equations(CC04) Lectures-5	Differential Equations(CC1B)Unit-1,2 Lectures-1	–	6
SEM III	Numerical Methods- Theory +Practical (CC07) Lectures-5	Real Analysis –Unit 3,4 (CC1C) Lectures-2	–	7
SEM IV	Multivariate Calculus (CC09) Lectures-5	Algebra (CC1D) Lectures-2	–	7
SEM V	Mechanics I (CC12) Lectures-6	–	–	6
SEM VI	Mechanics II(DSE43) & Project Work (PW01) Lectures-5	–	–	5

**MS. SHAMPA DUTTA :**

SEMESTER	Paper Title(Hons.-DSE/Core)	Paper Title (General-DSE/Core)	Paper Title (Hons./Gen.-SEC)	No. of Lecture /week
SEM I	Differential Calculus (CC01) Lectures-2	Differential Calculus - Unit 1(CC1A) Lectures-3	–	5
SEM II	Vector Calculus (CC04) Lectures-2	Differential Equations(CC1B)Unit-3,4 Lectures-3	–	5
SEM III	–	–	Integral Calculus(Gen- SEC13) Lectures-2	2
SEM IV	Vector Calculus (CC09) Lectures-2	–	Vector calculus (Gen- SEC21) Lectures-2	4
SEM V	Probability & Statistics (DSE21) Lectures-5	Matrices (DSE1A1) Lectures-1	–	6
SEM VI	Inner Product Spaces(CC14) & Project Work (PW01) Lectures-3	Numerical Methods (DSE1B1) Lectures-1	–	4