

St. Paul's Cathedral Mission College
Department of Mathematics
Syllabus Distribution-ODD Semester
Effect from Academic Session 2023-24 to 2026-2027

Semester/ Teacher→	S.K.	G.A.	G.B.	R.B.	S.M.
Semester-1	Major- Geometry (2D and 3 D) (28 Classes) Minor- XXX	Major- Vector Analysis (16 classes) Minor-Vector Analysis (16 classes)	Major- SEC-1: C Programming (Constants and Variables, Operations and Expressions, Decision Making and Branching, Arrays) (30 classes) Minor-3 D Geometry (16 classes)	Major- Calculus (16 classes) Minor-Calculus (16 classes)	Major- C Programming (Overview of Architecture of Computer, Control Statements, User Defined Functions, Library Functions) (30 classes) Minor- 2 D geometry (12 classes)
Semester-3	Major-DSCC-4 Group Theory (24 Class)+ SEC-III: Transportation, Assignment & Game Theory (20 Classes) Minor- XXX	Major-DSCC-3 Sets in R and Series (32 classes) Minor- Vector Analysis (16 classes)	Major-SEC-3 LPP formulation to Duality (40 classes) Minor-3 D Geometry (16 classes)	Major- DSCC-4 ODE(32 Classes) Minor-Calculus (16 classes)	Major-DSCC-3: Sequence+ DSCC-4:Last Unit of ODE (32 classes) Minor- 2 D geometry (12 classes)
Semester-5	Major-DSCC9 (Group-A) DSCC11 (Group-A) (Except Improper Integration) (35 classes + 32 Classes) Minor-MN-4:-Motion in a Plane, Central Orbit , Impulse Force (17 Classes)	Major-DSCC9 (Group-B) DSCC10)(Group-A) (25 classes + 32 Classes) Minor-MN-4: Work Power and Energy, From Inverse Square Law to Constrained motion (17 Classes)	Major-DSCC12 (From Statics to Particle Dynamics) + Improper Integration (DSCC-11) (30 classes + 8 Classes) Minor- MN3 Group-B: ODE (36 Classes)	Major-DSCC12 (From Many Particles to Rigid Dynamics) (30 classes) Minor-MN3 : Group-A Group Theory (24Classes) MN-4: Static (8 Classes)	Major-DSCC10 (Group-B) DSCC11 (Group-A) (28 classes + 20 Classes) Minor-MN-4: Law of gravitation to resisting medium (18 Classes)

Teacher's Signatures: 1.



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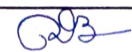
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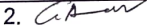
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St. Paul's Cathedral Mission College
Department of Mathematics
Syllabus Distribution-Even Semester
Effect from Academic Session 2023-2024 to 2026-2027

Semester/ Teacher→	S.K.	G.A.	G.B.	R.B.	S.M.
Semester-2	Major-DSCC-2 Group B(20 classes) Minor- Inequality (Gr-A) and Vectors in R^n (Gr-C) (15 classes)	Major- SEC-2 Introduction to LaTeX (20 classes) Minor- Mapping and integers (Gr-B) (15 Classes)	Major- DSCC-2 Group A(20 classes) Minor- Complex Number, TOE (Gr-A)(15 Classes)	Major-DSCC-2 Group C(20 classes) Minor- Relation(Gr-B) and System of Linear equations(Gr-C) (15 Classes)	Major- SEC-2 Python Programming (40 classes) Minor-XX
Semester-4	Major- Group-II and Ring Theory-1(DSCC- 8) (60 classes) Minor- XX	Major- Theory of Real Function (DSCC-5) (60 classes) Minor- XX	Major- Multivariate Calculus-I (Up to Implicit Functions) (DSCC-7) (30 Classes) Minor- Classical Algebra (CC2, Gr-A)& Relation and Mapping (CC2- Gr-B) (30 Classes)	Major- Mechanics-I(DSCC-6) (60 classes) Minor- XX	Major: Multivariate Calculus (From Extremum of Functions to Leibnitz's Rule) and Partial Differential Equations (DSCC-7) (30 Classes) Minor- Linear Algebra (CC2, Gr C) and Number Theory (CC2, Gr-B)(30 Classes)
Semester-6	Major-DSCC-13 Metric Space (35) Minor- MN-4: Motion in a plane MN-3: Simultaneous Equation to Last block (20)	Major- DSCC-14 Multivariate Calculus (35) Minor-MN-4: Work Power & Energy and Impulse, Inverse Square Law to Last (24)	Major- DSCC-15 From Root Finding to Last (Theory and Practical) DSCC-14: Curvature, asymptotes and Evolute (30 + 8) Minor-MN-3: ODE Constant Coefficients) (24)	Major-DSCC-15 Up to Numerical Integration (Theory and Practical) DSCC-14: Singular Point, Curve Tracing, Concavity, Convexity (30 + 8) Minor-MN-3: Group Theory(24)	Major- DSCC-13 Complex Analysis-1 DSCC-14: Tangent, Normal, Pedal and Envelope (25 + 9) Minor-MN-4 Statics and Law of gravitation to Resisting medium (26)

Teacher's Signatures 1. 

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