

Lesson plan for CBCS Syllabus (2021-22):

Department of Mathematics,

Muralidhar Girls' College

ODD SEMESTER- HONOURS & GENERAL

Semester	Paper	Unit	Topic	JULY – SEPTEMBER/ OCTOBER- DECEMBER	Faculty Name
SEMESTER I (HONOURS)	CC-1(TH)	1,3	Calculus and Vector Analysis	September- December	Bandana Das
	CC-2(TH)	2,3	Abstract & Linear Algebra	September- December	Subhrajit Dey
	CC-1(TH)	2	Geometry	November- December	Suvam Mukherjee
	CC-2(TH)	1	Classical Algebra	November- December	Suvam Mukherjee

Semester	Paper	Unit	Topic	JULY – SEPTEMBER/ OCTOBER- DECEMBER	Faculty Name
SEMESTER III (HONOURS)	CC-5(TH)	1,2	Theory of Real Functions	July-December	Bandana Das
	CC-6(TH)	1,2	Ring Theory and Linear Algebra-I	July-December	Subhrajit Dey
	CC-7(TH)	1,2	O.D.E. & Multivariate Calculus-I	November- December	Suvam Mukherjee
	SEC-A1		C Programming	August-December	Suraj Ali (Physics)

Semester	Paper	Unit	Topic	JULY – SEPTEMBER/ OCTOBER- DECEMBER	Faculty Name
SEMESTER V (HONOURS)	CC-11	1,2,3,4,5	Probability & Statistics	July-December	Subhankar Saha(Statistics)
	CC-12	1,2	Group Theory-II & Linear Algebra-II	July-December	Subhrajit Dey
	DSE-A1	1,2	Group Theory & Ring Theory	July-December	Bandana Das
	DSE-B1	1,2,3,4	Linear Programming & Game Theory	November- December	Suvam Mukherjee

Semester	Paper	Unit	Topic	JULY – SEPTEMBER/ OCTOBER- DECEMBER	Faculty Name
SEMESTER I (GENERAL)	GE-1	1,2	Algebra-I, Differential Calculus-I	September- December	Subhrajit Dey

	GE-1	3	Differential Equation-I	September-December	Bandana Das
	GE-1	4	Coordinate Geometry	November-December	Suvam Mukherjee

Semester	Paper	Unit	Topic	JULY – SEPTEMBER/ OCTOBER- DECEMBER	Faculty Name
SEMESTER III (GENERAL)	GE-3	1	Integral Calculus	July-December	Subhrajit Dey
	GE-3	2	Numerical Methods	July-December	Bandana Das
	GE-3	3	Linear Programming	November-December	Suvam Mukherjee

EVEN SEMESTER:

Semester	Paper	Unit	Topic	JANUARY- MARCH/ APRIL - JUNE	Faculty Name
SEMESTER II (HONOURS)	CC-3(TH)	1,2,3	Real Analysis	February-June	Subhrajit Dey
	CC-4(TH)	1,2,3	Group Theory-I	February-June	Bandana Das

Semester	Paper	Unit	Topic	JANUARY- MARCH/ APRIL - JUNE	Faculty Name
SEMESTER IV (HONOURS)	CC-8(TH)	1,2,3	Riemann Integration & Series of Functions	January-May	Subhrajit Dey
	CC-9(TH)	1,2	Partial Differential Equation & Multivariate Calculus-II	January-May	Bandana Das
	CC-10(TH)	1,2,3	Mechanics	January-May	Suvam Mukherjee
	CC-10(TH)	4,5	Mechanics	January-May	Bandana Das
	SEC-B		Scientific Computing with SageMath & R	January-May	Subhankar Saha(Statistics)

Semester	Paper	Unit	Topic	JANUARY- MARCH/ APRIL - JUNE	Faculty Name
SEMESTER VI (HONOURS)	CC-13(TH)	1,2	Metric Space & Complex Analysis	January-May	Suvam Mukherjee
	CC-14 (TH + PR)	1-6	Numerical methods	January-May	Subhankar Saha (Statistics)
	DSE-A2	1,2,3	Differential Geometry	January-May	Bandana Das
	DSE-B2	1,2,3	Point Set Topology	January-May	Subhrajit Dey

Semester	Paper	Unit	Topic	JANUARY- MARCH/ APRIL – JUNE	Faculty Name
SEMESTER II (GENERAL)	GE-2	2	Differential Equation-II	January-May	Subhrajit Dey
	GE-2	1,3	Differential Calculus-II & Vector Algebra	January-May	Bandana Das
	GE-2	4	Discrete Math	January-May	Suvam Mukherjee

Semester	Paper	Unit	Topic	JANUARY- MARCH/ APRIL - JUNE DECEMBER	Faculty Name
SEMESTER IV (GENERAL)	GE-3	1	Algebra-II	January-May	Subhrajit Dey
	GE-3	2	Computer Science & Programming	January-May	Suraj Ali (Physics)
	GE-3	3	Probability & Statistics	January-May	Subhankar Saha(Statistics)

Semester	Paper	Unit	Topic	JANUARY- MARCH/ APRIL - JUNE	Faculty Name
SEMESTER VI (GENERAL)	DSE-B		Advanced Calculus	January-May	Subhrajit Dey
	DSE-B		Advanced Calculus	January-May	Bandana Das
