

School of Mathematical Sciences
Varsha 2024 - Courses - Teaching Assignment

Sl.No.	COURSE_CODE	COURSE_NAME	CREDIT(S)	STUDENT GROUPS ELIGIBLE, e.g. BSMS4, MSC1,IPHD2, PhD etc.	LECTURER
1	MAT111	Introduction to Proofs	3	BSMS1	Prof. Utpal Manna
2	MAT201	Calculus and Matrices II	4	BSMS2	Dr. Dhanya Rajendran
3	MAT202	Introduction to Probability	3	BSMS2	Dr. Viji Thomas
4	MAT3102	Optimisation Techniques	2	i2BSMS3,BSMS5	Dr. Sheetal Dharmatti
5	MAT311	Real Analysis (minor-3rd year)	3	BSMS3,i2BSMS3	Dr. Sachindranath Jayaraman
	MSM311	Real Analysis	3	MSC1,IPHD1	
6	MAT312	Theory of Groups and Rings (minor-5th year)	3	BSMS3,i2BSMS3	Dr. Saikat Chatterjee
	MSM312	Theory of Groups and Rings	3	MSC1,IPHD1	
7	MAT313	Linear Algebra (minor-4th year)	3	BSMS3,i2bsms3	Dr. Jyothsnaa Sivaraman
	MSM313	Linear Algebra	3	MSC1,IPHD1	
8	MAT314	Numerical Analysis	3	BSMS3,i2BSMS3	Dr. Asha Dond
	MSM314	Numerical Analysis	3	MSC1,IPHD1	
9	MAT315	Mathematical Statistics + Lab	4	BSMS3,i2BSMS3	Dr. Priyanka Majumder
	MSM315	Mathematical Statistics + Lab	4	MSC1,IPHD1	
10	MAT3101	Discrete Mathematics	2	IPHD1,BSMS5	Dr. Srilakshmi Krishnamoorthy
11	I2M315	Machine Learning	3	i2BSMS3	
12	MAT411	Measure Theory	3	BSMS4	Dr. Samya Kumar Ray
	MSM411	Measure Theory	3	MSC2,IPHD2	
13	MAT412	Commutative Algebra	3	BSMS4,IPHD2	Dr. Sarbeswar Pal
	MAT6102	Commutative Algebra	3	PHD1	Dr. Sarbeswar Pal
	MSM4102	Commutative Algebra	3	MSC2	

14	MAT413	Analysis on Manifolds	3	BSMS4	Dr. Shrihari Sridharan
	MSM413	Analysis on Manifolds	3	MSC2,IPHD2	
	MAT6103	Analysis on Manifolds	3	PHD1	
15	MAT414	Partial Differential Equations	3	BSMS4	Dr. K. R. Arun
	MSM414	Partial Differential Equations	3	MSC2,IPHD2	
	MAT6104	Partial Differential Equations	3	PHD1	
16	I2M411	Applied Stochastic Analysis	3	i2BSMS4,BSMS5	Prof. B. Rajeev
	I2M4101	Applied Stochastic Analysis	3	MSC2,IPHD2	
17	I2M412	Numerical Solutions of Differential Equations	3	i2BSMS4	Dr. Nagaiah Chamakuri
	I2M4102	Numerical Solutions of Differential Equations	3	MSC2,IPHD2,BSMS5	
	MAT6105	Numerical Solutions of Differential Equations	3	PHD1	
18	MAT6101	Topics in Analysis	3	PHD1	Dr. Sheetal Dharmatti+Dr. P. Devaraj+Dr. Md. Ramiz Reza
19	DSC314	Data Structures	4	i2BSMS4,BSMS4, IPHD2	Prof. Soumen Maity, IISER Pune
20	MAT512	Fourier Analysis	3	BSMS5	Dr. P. Devaraj
21	MAT4112	Computational Fluid dynamics	3	BSMS5,MSC2,IPHD2,PHD1	Dr. K. Sudarshan Kumar
22	MAT4122	Financial Engineering	3	BSMS5,IPHD2	Prof. M. P. Rajan
23	MAT4126	Topics in Linear Algebra	3	BSMS5,MSC2,IPHD2,PHD1	Dr. Md. Ramiz Reza
24	MAT4114	Hyperbolic Geometry	3	BSMS5,MSC2,IPHD2,PHD1	Dr. Shrihari Sridharan
25	MAT511	Major Project Phase-I	12	BSMS5	
26	I2M511	Major Project Phase-I	12	i2M5	
27	MSM418	MSc Project	3	MSC2	