Department of Mathematics: Time Table – Autumn 2015

B.Tech Courses

Course	Name	Instructor(s)	Slots	Venue
MA 106 (backlog)	Linear Algebra	Akhil Ranjan	5A, 5B Tut. XD	LH 302 **LH 302**
MA 108 (backlog)	Differential Equations-I	Santanu Dey	5A, 5B Tut. XD	LH 302 **LH 302**
MA 105	Calculus	V.D. Sharma* D1	8A, 8B Tut. X1	LA 101 LT 301,302,303,202,203
		I.K. Rana D2	8A, 8B Tut. X1	LA 102 LT 304,305,306,205,206
		Ameer Athavale D3	1A,1B,1C Tut. 3A	LA 101 LT 301,302,303,202,203
		Prachi Mahajan D4	1A,1B,1C Tut. 3A	LA 102 LCT 304,305,306,205,206
		TA Training	TBA	TBA
MA 205	Complex Analysis	U.K. Anandavardhanan	12A,12B Tut. 14A	LA 301 LT 001, 002, 003, 004, 005,006
		TA Training	TBA	TBA
MA 207	Differential Equations-II	Swapneel Mahajan S1	12A,12B Tut. 14A	LA 301 LT 001, 002, 003, 004, 005,006
		Swapneel Mahajan S2	13A, 13B Tut. 14A	LA 301 LT 101, 102, 103, 104, 105
		TA Training	TBA	TBA
MA 001	Preparatory Mathematics I	S. R. Ghorpade & Bata Krishna Das	Mon: 9.30-11.30, Tue: 10.35-12.30, Thu: 10.35-11.30.	MB 5

- **Instructor in-charge**

Minor Area Courses

Course	Name	Instructor(s)	Slots	Venue
MA 403	Real Analysis	Sourav Pal	5A, 5B, **XD**	IC3 **113**
MA 419	Basic Algebra	Manoj K. Keshari	5A, 5B, XD	LC 101

Course	Name	Instructor(s)	Slots	Venue
(Msc + Minor)				
SI 402	Statistical Inference	Radhenduska Srivastava	5A, 5B, **XD**	113 **114**
SI 417 (Msc + Minor)	Introduction to Probability Theory	Koushik Saha	5A, 5B, XC	114

M.Sc. (Mathematics) 1st Semester Courses

Course	Name	Instructor(s)	Slots	Venue
MA 401	Linear Algebra	Ananthnarayan H.	1A, 1B, 1C, 12B	114
MA 403	Real Analysis	G.K. Srinivasan	2A, 2B, 2C, 4B	114 105
MA 417	Ordinary Differential Equations	K. Suresh Kumar	14A, 14B, 4A	105
MA 419 (Msc + Minor)	Basic Algebra	Manoj K. Keshari	5A, 5B, XD	LC 101
CS 101	Computer Programming & Utilization	Varsha Apte	11A, 11B	LA 101

M.Sc. (ASI) 1st Semester Courses

Course	Name	Instructor(s)	Slots	Venue
MA 401	Linear Algebra	Ananthnarayan H.	1A, 1B, 1C, 12B	114
SI 415	Introduction to Computer Architecture and Operator Systems	S. Krishnan	Lx	115
SI 417	Introduction to Probability Theory	Koushik Saha	5A, 5B 10 A	114 LC 201
SI 419	Combinatorics	Ravi Raghunathan	9A, **15A**	114
SI 507	Numerical Analysis	Rekha P. Kulkarni	6A, 6B, **7B**	114 113
CS 101	Computer Programming & Utilization	Varsha Apte	11A, 11B	LA 101

M.Sc. (Mathematics) 3rd Semester Courses

Course	Name	Instructor(s)	Slots	Venue
MA 503	Functional Analysis	B. V. Limaye	4A, 4B, 4C, **7A**	113
MA 515	Partial Differential Equations	Sivaji Ganesh Sista	12A, 12B, 8A	113
MA 5101	Algebra - II	J. K. Verma & Saurav Bhaumik	3A, 3B, 3C	113
MA 521	Theory of Analytic Functions	T. N. Shorey	10A, 10B	113
MA 523	Basic Number Theory	Preeti Raman	1A, 1B, 1C	113
MA 525	Dynamical Systems	S. G. Dani	13A, 13B	113
MA 538	Reprsentation Theory of Finite Groups	M. K. Srinivasan	6A, 6B	113
MA 556	Differential Geometry	A. R. Shastri	2A, 2B, 2C	113
MA 581	Elements of Differential Topology	Rekha Santhanam	9A, 9B	LT005
MA 5109	Graph Theory	N. M. Singhi	11A, 11B	113
MA 5112	Introduction to Mathematical Methods	S. Baskar	14A, 14B	113
SI 507	Numerical Analysis	Rekha P. Kulkarni	6A, 6B, **7B**	114 **113**

M.Sc. (ASI) 3rdSemester Courses

Course	Name	Instructor(s)	Slots	Venue
SI 503	Categorial Data Analysis	Ashish Das	8A, 8B, **7A**	114
SI 505	Multivariate Analysis	A. Subramanyam	2A, 2B, 2C, **7B**	105
SI 515	Statistical Techniques in Data Mining	Rajani.R. Joshi	9A, 9B	113
SI 528	Bio Statistics	Siuli Mukhopadhyay	3A, 3B, 3C	114
SI 529	Applied Algorithms	Sharad S. Sane	4A, 4B, 4C, 10A	114

Course	Name	Instructor(s)	Slots	Venue
HS 200 ES 200	Environmental Studies	Raj Kishore Nath	1A, 1B, 1C	LA 302

Ph.D. Courses

Course	Name	Instructor(s)	Slots	Venue
MA 811	Algebra I	Shripad M. Garge	10A, 10B	105
MA 815	Differential Topology	M. S. Raghunathan	11A, 11B	105
MA 817	Partial Differential Equations I	A. K. Pani	12A, 12B	105
MA 813	Measure Theory	A.R. Shastri	9A, 9B	105
MA 821	Theory of Estimation	R. Srivastava & P. Vellaisamy	11A, 11B	114
MA 833	Weak convergence & Martingale theory	S. V. Sabnis	1A, 1B, 1C	105
MA 861	Combinatorics-I	Niranjan Balachandran	3A, 3B, 3C	105
MA 845	Topics in Combinatorics	S. Krishnan	8A, 8B	105
MA 792	Communication Skills-II (Departmental Components)	Ravi Raghunathan	15A, 15B	105

Tutorial duties

Course	Teaching Assistants	
MA 105	**Ph.D. TAs**	TBA
	B.Tech. TAs	TBA
MA 205	**Ph.D. TAs**	TBA
MA 207		TBA
MA 106 (backlog)		TBA
MA 108 (backlog)		TBA

Notes:
 (1) Room no. 216 is reserved for scheduling seminars, evaluation of answer books, etc.

 (2) T.A.s for the minor, and some of the M.Sc. Courses will be assigned in due course of time provided they meet the class strength requirement.