

## Department of Mathematics: Time Table – Autumn 2014

Version 9: Aug 4, 2014

### B. Tech. Courses

Course	Name	Instructor(s)	Slots	Venue
MA 106 (backlog)	Linear Algebra	R.P. Kulkarni	5A, 5B, XD	LH 302
MA 108 (backlog)	Differential Equations-I	Santanu Dey	5A, 5B, XD	LH 302
MA 105	Calculus	Ravi Raghunathan* D1	8A, 8B Tut. X1	LA 101 LT 301, 302, 303, 202, 203
		Srikanth Srinivasan D2	8A, 8B Tut. X1	LA 102 LT 304,305,306,205,206
		Ravi Raghunathan D3	1A,1B,1C Tut. 3A	LA 101 LT 301, 302, 303, 202, 203
		Srikanth Srinivasan D4	1A,1B,1C Tut. 3A	LA 102 LT 304,305,306,205,206
		TA Training	TBA	TBA
MA 205	Complex Analysis	S.M. Garge	12A,12B Tut. 14A	LA 301 LT 001 to 006, 101
		TA Training	TBA	TBA
MA 207	Differential Equations-II	Swapneel Mahajan	12A,12B Tut. 14A	LA 301 LT 001 to 006, 101
		Swapneel Mahajan	13A, 13B Tut. 14A	Hall 3 LT 102 to 106, 206
		TA Training	TBA	TBA

\* Instructor in-charge

### Minor Area Courses

Course	Name	Instructor(s)	Slots	Venue
MA 403	Real Analysis	I.K. Rana	5A, 5B, XD	105
MA 419 (with M.Sc. Math.I)	Basic Algebra	J.K. Verma & S. R. Ghorpade	5A, 5B, XD	114
SI 402	Statistical Inference	R. R. Joshi	5A, 5B, XD	113
SI 417 (with M.Sc. ASI -1)	Introduction to Probability Theory	Koushik Saha	5A, 5B, XD	MB 1

### M.Sc. (Mathematics) 1st Semester Courses

Course	Name	Instructor(s)	Slots	Venue
MA 401	Linear Algebra	Ashish Das	10A, 10B, 3A	MB 1
MA 403	Real Analysis	Prachi Mahajan	2A, 2B, 2C, 1A	114
MA 417	Ordinary Differential Equations	V.D. Sharma	8B, XC, <b>4B</b>	114 <b>105</b>
MA 419 (with Minor)	Basic Algebra	J.K. Verma & S. R. Ghorpade	5A, 5B, XD	114
CS 101	Computer Programming & Utilization	S. Chakraborty	11A, 11B, TBA	LA101

### M.Sc. (ASI) 1st Semester Courses

Course	Name	Instructor(s)	Slots	Venue
MA 401	Linear Algebra	Ashish Das	10A, 10B, 3A	MB 1
SI 415	Introduction to Computer Architecture and Operator Systems	Murali K. Srinivasan	<b>L3</b>	115
SI 417	Introduction to Probability Theory	Koushik Saha	5A, 5B, XD	MB 1
SI 419	Combinatorics	Krishnan S.	12A, 12B	105
SI 507	Numerical Analysis	Neela Natraj	6A, 6B, 14A	LT303 LT304
CS 101	Computer Programming & Utilization	S.Chakraborty	11A, 11B, TBA	LA101

### M.Sc. (Mathematics) 3rd Semester Courses

Course	Name	Instructor(s)	Slots	Venue
MA 503	Functional Analysis	B. V. Limaye	4A, 4B, 4C, 2A	114 113
MA 515	Partial Differential Equations	A.K. Pani	9A, 9B, <b>X2-X3</b>	113 <b>114</b>
MA 521	Theory of Analytic Functions	T.N. Shorey	10A, 10B	113
MA 523	Basic Number Theory	Preeti Raman	1A,1B, 1C	113
MA 556	Differential Geometry	Ameer Athavale	12A, 12B	113
MA 5101	Algebra II	A.Hariharan	<b>14B, XC</b>	113
MA 5109	Graph Theory	S. S. Sane	3A, 3B, 3C	DummyCDEEP1
MA 5112	Introduction to Math. Methods	Sivaji Ganesh S.	<b>15A<sup>+</sup>, 2B</b>	<b>105, 216</b>
SI 507	Numerical Analysis	Neela Natraj	6A, 6B, 14A	LT303 LT304

### M.Sc. (ASI) 3rdSemester Courses

Course	Name	Instructor(s)	Slots	Venue
SI 503*	Categorical Data Analysis	A. Subramanyam	7A, 7B, <b>12A</b> <sup>+</sup>	114
SI 505	Multivariate Analysis	S.V. Sabnis	4A, 4B, 4C, <b>2B</b>	113
SI 515	Statistical Techniques in Data Mining	S.V. Sabnis	3A, 3B, 3C	114
SI 528	Biostatistics	S. Mukhopadhyay	9A, 9B	<b>114</b>
SI 529	Applied Algorithms	N. Balachandran	6A, 6B, 11A	114
ES 200 HS 200	Environmental Studies	Devnathan et al	1A,1B,1C	LA302

### Ph.D. Courses

Course	Name	Instructor(s)	Slots	Venue
MA 811	Algebra I	A.R. Shastri	10A, 10B	114
MA 815	Differential Topology	A. Ranjan	3A, 3B, 3C	105
MA 817	Partial Differential Equations I	Sivaji G.Sista	11A, 11B	105
MA 813	Measure Theory	U.K. Anandavardhanan	2A, 2B, 2C	105
MA 833	Weak Convergence and Martingale Theory	K. Suresh Kumar	8A, 8B	<b>113</b>
MA 843	Topics in Analysis-I	M.S. Raghunathan	8A, 8B	105
MA 841	Topics in Algebra-I	Tony J. Puthenpurakal	9A, 9B	105
MA 847	Topics in Geometry-I	S.G. Dani	<b>6A, 13B</b>	105
MA792	Communication Skills (Dept. Component)	U.K. Anandavardhanan	6B <sup>+</sup>	105
HS 791	Communication Skills	TBA	<b>4B</b> <sup>*</sup>	LA302

- Notes:**
- (1) Room no. 216 is reserved for scheduling seminars, evaluation of answer books, etc.
  - (2) List of TAs of the B. Tech. courses and large (strength of core students > 40) M.Sc. courses has been sent to the concerned instructors.
  - (3) 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.
  - (4) The list of TAs will be displayed on the DHP after (3) and allocation of UG-TAs to BTech core courses.
  - (5) Superscript '+' indicates corresponding time-slot is extended by 30 minutes.
- MA417: Examination slot 8.  
MA5112: Examination slot 15. MA5101: Examination slot: 14.  
**HS691: 4B\* denotes 8:15 am to 9:15 on Tuesdays.**  
**MA 847: Examination slot 13.**

**GENERAL SLOT PATTERN FOR UG / PG COURSES**

Time/Day	8.30-9.25	9.30-10.25	10.35-11.30	11.35-12.30	12.30-2.00	2.00-3.25	3.30-4.55	5.05-6.30	6.35-8.00	
Mon	1A	2A	3A	4A	L U N C H  R E C E S S	8A	9A	12A	13A	
						← L 1 →				
Tue	4B	1B	2B	3B		10A	11A	14A	15A	
						← L 2 →				
Wed	7A	5A (9.30 to 10.55)		6A (11.05 to 12.30)		X1	X2	X3	XC	XD
						← L X →				
Thu	3C	4C	1C	2C		8B	9B	12B	13B	
						← L 3 →				
Fri	7B	5B (9.30 to 10.55)		6B (11.05 to 12.30)		10B	11B	14B	15B	
						← L 4 →				
						← L 6 →				