

DEPARTMENT OF ELECTRICAL COMMUNICATION ENGINEERING
Indian Institute of Science, Bangalore 560 012.

II TERM : JANUARY - APRIL 2017
COURSES SCHEDULE

SESSION: 2016-17

Course Num.	Credits	Title of the Course	Instructor/s	Time – Table Day, Time and Venue
-------------	---------	---------------------	--------------	-------------------------------------

I M.Tech. (Communication and Networks):
Core

E1 244	3:0	Detection and Estimation Theory	Aditya Gopalan/Parimal Parag	T, Th 11.30-1pm, ECE 1.08
--------	-----	---------------------------------	------------------------------	---------------------------

Soft Core A

E2 203	3:0	Wireless Communication	Neelesh B Mehta	T, Th 10-11.30am, ECE 1.08
E2 204	3:0	Stochastic processes & Queueing Theory	Aditya Gopalan/Parimal Parag	T, Th 5-6.30pm, ECE 1.07
E2 241	3:0	Wireless Networks	U. Mukherji	M, W 11-12.30pm, ECE 1.08
E2 242	3:0	Multiuser Detection	A. Chockalingam	M, W 9.30-11am, ECE 1.08

Soft Core B

E1 254	3:1	Game Theory	Y Narahari/Siddharth Barman CSA	M, W, F 9.30-11am, CSA
E9 211	3:0	Adaptive Signal Processing	K. Rajgopal, EE	M, W, F 3-4pm, EE

Pool for Minors

E1 213	3:1	Pattern Recognition & Neural Networks	P. S. Sastry, EE	T, Th 3.30-5pm, EE
E1 216	3:1	Computer Vision	Venu Madhav Govind, EE	M, W 2-4pm, EE
E7 211	3:0	Photonics Integrated Circuits	T. Srinivas/T. Badrinarayana	*****
E7 231	3:0	Fibre Optic Networks	T. Srinivas/E. S. Shivaleela	*****

E8 242	2:1	Radio Frequency Integrated Circuits and Systems	K. J. Vinoy	*****
E9 211	3:0	Adaptive Signal Processing	K. Rajgopal, EE	M, W, F 3-4pm, EE
E9 213	3:0	Time Frequency Analysis	S. Chandra Sekhar, EE	M, W, F 11-12noon, EE
E9 261	3:1	Speech Information Processing	Prasanta Kumar Ghosh/ Sriram Ganapathy, EE	M, W, F 4-5pm, EE

I M.Tech Signal Processing)

Core

E1 244	3:0	Detection and Estimation Theory	Aditya Gopalan/Parimal Parag	T, Th 11.30-1pm, ECE 1.08
--------	-----	---------------------------------	------------------------------	---------------------------

Soft Core

E1 213	3:1	Pattern Recognition & Neural Networks	P. S. Sastry, EE	T, Th 3.30-5pm, EE
E1 216	3:1	Computer Vision	Venu Madhav Govind, EE	M, W 2-4pm, EE
E9 211	3:0	Adaptive Signal Processing	K. Rajgopal, EE	M, W, F 3-4pm, EE
E9 213	3:0	Time Frequency Analysis	S. Chandra Sekhar, EE	M, W, F 11-12noon, EE
E9 261	3:1	Speech Information Processing	Prasanta Kumar Ghosh/ Sriram Ganapathy, EE	M, W, F 4-5pm, EE
E9 231	3:0	MIMO Signal Processing	Chandra R Murthy	T, Th 11-12.30pm, ECE 1.07

I M.Tech (Microelectronics Systems)**Pool A: Materials, Processes and Device Technology**

E3 272	3:0	Advanced ESD Devices Circuits & Design Methods	Mayank Srivastava, DESE	
--------	-----	--	-------------------------	--

Pool B: Circuits, CAD, systems and Applications

E3 231	2:1	Digital Systems Design with FPGAs	Kuruvilla Varghese, DESE	
E3 257	2:1	Embedded Systems I	Haresh Dagale, DESE	
E3 258	2:1	Design for Internet of Things	H. S. Jamadagni/ T. V. Prabhakar, DESE	
E3 266	2:1	Electromagnetic Compatibility	M. K. Gunasekaran, DESE	
E8 242	2:1	Radio Frequency Integrated Circuits and Systems	K. J. Vinoy	*****
E3 238	2:1	Analog VLSI Circuits	Gaurab Banerjee	M, W, F 4-5pm, ECE 1.08

ELECTIVE

E0 262	3:0	Multimedia Information Systems	P. Venkataram/Anandi G	*****
E2 206	3:0	Information and Communication Complexity	Himanshu Tyagi	M, W 11-12.30pm, ECE 1.07
E2 214	3:0	Finite – State Channels	Navin Kashyap	T, Th 2-3.30pm, ECE 1.07
E2 301	3:0	Topics in Multiuser Communication	Rajesh Sundaresan	M, W, F 10-11am, ECE 1.07
E2 331	3:0	Advanced Course in Coding Theory	P. Vijay Kumar	T, Th 4-5.30pm, ECE 1.08
E7 211	3:0	Photonics Integrated Circuits	T. Srinivas/T. Badrinarayana	*****
E7 214	3:0	Optoelectronics Devices	Varun Raghunathan	T, Th 2-3.30pm, ECE 1.08
E7 231	3:0	Fibre Optic Networks	T. Srinivas/E. S. Shivaleela	*****
E8 242	2:1	Radio Frequency Integrated Circuits and Systems	K. J. Vinoy	*****

E9 203	3:0	Compressive Sensing & Sparse Signal Processing	K.V.S. Hari	T, Th 8.30-10am, ECE 1.08
E9 246	3:1	Advanced Image Processing	Soma Biswas/Rajiv Soundarajan	T, Th 3.30-5pm, EE
E9 271	3:0	Space-Time Signal Processing and Coding	B Sundar Rajan	M, W, F 11.30-1pm, L8CL

II ME

EP 299	0:16	Project	Faculty	
--------	------	---------	---------	--

All the students can register courses via online consulting your Project Guide/Research Supervisor from 2nd January, 2017. 2nd year ME students must register for projects also as per the course no and credits. The last date for registering the courses will be 4th January, 2017.

(CHAIRMAN)