

DEPARTMENT OF ELECTRICAL COMMUNICATION ENGINEERING				
Indian Institute of Science, Bangalore 560 012.				
I TERM : AUGUST-DECEMBER 2015 SESSION: 2015-16				
COURSES SCHEDULE				
<i>Course Num.</i>	<i>Credits</i>	<i>Title of the Course</i>	<i>Instructor/s</i>	<i>Time Table</i>
I M.E. (Communication and Networks):				
Core				
E2 202	3:00	Random Processes	Utpal Mukherji/Navin Kashyap	T, Th 2-3.30pm, ECE 1.08
E2 211	3:00	Digital Communication	B Sundar Rajan	T, Th 11.30-1pm, L6CL
E2 221	3:00	Communication Networks	A Chockalingam	T, Th 9.30-11am, L1CL
Soft Core A				
E2 201	3:00	Information Theory	Himanshu Tyagi	M, W, F 2-3pm, ECE 1.07
E2 205	3:00	Error Control Codes	P Vijay Kumar	T, Th 3.30-5pm, L5CL
E2 223	3:00	Communication Protocols	P Venkataram/Anandi G	*****
E8 203	3:00	RF and Optical Engineering	K J Vinoy, T. Srinivas	*****
Soft Core B				
E9 201	3:00	Digital Signal Processing	Soma Biswas, EE	W,F 3.30-5pm, EE Dept
E1 251	3:00	Linear and Nonlinear Optimization	Muthuvel Arigovindan, EE	W, F 2-3.30pm, EE Dept
E2 212	3:00	Matrix Theory	A G Ramakrishnan, EE	M,W,F 9-10am, EE Dept
E9 221	3:00	Signal Quantization & Compression	T V Sreenivas	*****
Pool for Minors				

NE 205	3:00	Semiconductor Devices & Integrated circuits Technology	Navakanta Bhat, CeNSE	M,W,F 9-10am, CeNSE
E0 284	2:01	Digital VLSI Circuits	Bharadwaj Amrutur	M, W, F 12-1pm, ECE 1.08
E3 214	3:00	Microsensor Technologies	T Srinivas/T Badrinarayana	*****
E3 238	2:01	Analog VLSI Circuits	Gaurab Banerjee	M, W, F 11-12 noon, ECE 1.08
E7 213	3:00	Introduction to Photonics	Manoj Varma/Ambarish Ghosh, CeNSE	T,Th10-11.30am, CeNSE
E8 202	3:00	Computational Electromagnetics	K J Vinoy/Dipanjan Gope	*****
E8 203	3:00	RF and Optical Engineering	K J Vinoy/T Srinivas	*****
E9 221	3:00	Signal Quantization & Compression	T V Sreenivas	*****
E9 231	3:00	MIMO Signal Processing	K V S Hari	T, Th 2-3.30pm, ECE 1.07
E9 241	2:01	Digital Image Processing	S Chandra Sekhar, EE	M,W 10-11am, EE Dept
E9 252	3:00	Mathematical Methods & Techniques in Signal Processing	Shayan Garani, DESE	*****

I M.E.(Signal Processing)

CORE

E1 251	3:00	Linear and Nonlinear Optimization	Muthuvel Arigovindan, EE	W, F 2-3.30pm, EE Dept
E2 202	3:00	Random Processes	Utpal Mukherji/Navin Kashyap	T, Th 2-3.30pm, ECE 1.08
E2 212	3:00	Matrix Theory	A G Ramakrishnan	M,W,F 9-10am, EE Dept

Soft Core

E9 241	2:01	Digital Image Processing	S Chandra Sekhar, EE	M,W 10-11am, EE Dept
E9 291	2:01	DSP System Design	G N Rathna, EE	*****
E2 211	3:00	Digital Communication	B Sundar Rajan	T, Th 11.30-1pm, L6CL
E9 221	3:00	Signal Quantization & Compression	T V Sreenivas	*****

I.M.E. (Microelectronic Systems)				
Pool A: Materials, Processes and Device Technology				
NE 205	3:00	Semiconductor Devices & Integrated Circuits Technology	Navakanta Bhat, CeNSE	M,W,F 9-10am, CeNSE
IN 214	3:00	Semiconductor Devices and Circuits	Sanjiv Sambandam, IN	*****
E3 214	3:00	Microsensor Technologies	T Srinivas	T, Th 4-5.30pm, ECE 1.07
E3 220	3:00	Foundations of Nanoelectronic Devices	Kausik Majumdar	M, W, F 9-10am, ECE 1.07
E3 271	3:00	Power Semiconductor Device & Physics	Mayank Srivastava, DESE	*****
E7 213	3:00	Introduction to Photonics	Manoj Varma/Ambarish Ghosh, CeNSE	T,Th10-11.30am, CeNSE
E8 202	3:00	Computational Electromagnetics	K J Vinoy & Dipanjan Gope	*****
Pool B: Circuits, CAD, Systems and Applications				
E0 284	2:01	Digital VLSI Circuits	Bharadwaj Amrutur	M, W, F 12-1pm, ECE 1.08
E3 225	3:00	Art of Compact Modeling	Santanu Mahapatra, DESE	*****
E3 238	2:01	Analog VLSI Circuits	Gaurab Banerjee	M, W, F 11-12 noon, ECE 1.08
E3 257	2:01	Embedded Systems 1	Haresh Dagale	*****
E3 271	3:00	Reliability of Nanoscale Circuits and Systems	Mayank Srivastava, DESE	*****
E9 252	3:00	Mathematical Methods & Techniques in Signal Processing	Shayan Garani, DESE	*****
ELECTIVE				
E0 201	3:00	Proofs and Measures	Parimal Parag	T, Th 8.30-10am, ECE 1.08
E0 259	3:01	Data Analytics	Rajesh Sundaresan/ Ramesh Hariharan	CSA Dept, TBD

E0 266	3:00	Topics in Ubiquitous Computing	P Venkataram	*****
E1 245	3:00	Online Prediction and Learning	Aditya Gopalan	T, Th 10-11.30am, ECE 1.08
E2 251	3:00	Communication Systems Design	A. Chockalingam	M, W 3.30-5pm, ECE 1.07
E2 302	3:00	Next Generation Wireless Systems: Design and Analysis	Neelesh B Mehta	M,W,F 11-12noon,ECE 1.07
E2 312	3:00	Random Matrix Theory for Wireless Communication	Chandra R Murthy	T, Th 11.30-1pm, ECE 1.07
E8 202	3:00	Computational Electromagnetics	K J Vinoy/Dipanjan Gope	*****
E8 203	3:00	RF and Optical Engineering	K J Vinoy/T Srinivas	T, Th 8-9.30am, ECE 1.07
E9 202	3:00	Advanced Digital Signal processing: Non linear Filters	T V Sreenivas	*****
E9 271	3:00	Space-Time Signal Processing and Coding	B Sundar Rajan	M,W,F 11-12noon, L6CL

II M.E

EP 299	0:09	Project	Faculty	
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NOTE: Students are advised to get the Registration Cards duly signed by their advisors and respective course instructors and keep them ready for registration. Students should enter the Course numbers correctly. The registration will be on 31/07/2015 from 10.30 AM to 12.30 PM and 2.30 PM to 4.30 PM in Room No.1.06 of the ECE Department.

28/07/2015 (CHAIRMAN)				
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