

Indian Institute of Technology Palakkad

Jan – May 2023

Slot System

	08:00-08:50	09:00-09:50	10:00-10:50	11:00-11:50	12:00-12:50	13:00-13:50	14:00-15:15	15:30-16:45	17:00-17:50
Mon	B1	A	H	D	E	Lunch Break	L	K	C
			P1				P4		
Wed	C	A	B	H	E		C1	EML	D
			P2						
Fri	H	C	D	B	E		K	L	F
			P3				P7		

	08:00-08:50	09:00-10:15	10:30-11:45	12:00-12:50	13:00-13:50	14:00-15:15	15:30-16:45	17:00-17:50
Tue	D1	F	G	M	Lunch Break	I	J	A
			P5					
Thu	A1	F	G	M		J	I	B
			P6					

Overview of Slots	
Slots E and M are designed such these can be skipped to facilitate travel between campuses.	
H slot is used for HSE classes. Should be avoided for corresponding BTech batches.	
G slot is used for GCE classes. Should be avoided for corresponding BTech batches.	
F slot is used for MAE classes. Should be avoided for corresponding BTech batches.	
Slots G, I, J, K, and L have 2 classes of 1 hr 15 mins each. This is equivalent to a total of 3 lecture credits per slot.	
Slot F has 2 classes of 1 hr 15 mins and 1 class of 50 mins. This is equivalent to a total of 4 lecture credits.	
Slots A, B, C, D, E, and H have 3 classes of 50 mins each. This is equivalent to a total of 3 lecture credits per slot.	
Slot A1, B1, C1, and D1 have 1 class of 50 mins each. This is equivalent to 1 lecture credit per slot.	
Timing for lab sessions P1-P3 is from 10:00-13:00 and P4-P7 is from 14:00-17:00.	

Indian Institute of Technology Palakkad
Oct 2022– Feb 2023
B. Tech. Semester I

Code	Course Name	Category	Credits		Slot	Room/Batches
	Physics		2-1-0-3	Soham Manni Bibhu Sarangi Moumita Nandy	A	A MBA 201 (B1-B4) A 112 (B5-B8) A MBA 211 (B9-B12)
	Linear Algebra and Series		3-1-0-4	Sarath Sasi V Muruganandam S H Kulkarni	G D(Wed)	A MBA 201 (B1-B4) A 112, A Aud (D) (B5-B8) A MBA 211 (B9-B12)
	Ecology and Environment		2-0-0-2	Athira P, Sarmistha Singh Deepak Jaiswal Praveena G	C(Fri) C1	A MBA 211 A Aud
	Engineering Drawing		1-0-3-3	Sovan Lal Das (instructor) Anoop Akkoorath Mana Pramod Kuntikana Sarmistha Singh	B1 P4 P5 P6 P7	A Aud (All batches) Hostel 3 (B4-B6) Hostel 3 (B7-B9) Hostel 3 (B10-B12) Hostel 3 (B1-B3)
	Engineering Design		1-0-3-3	Anoop Akkoorath Mana	D1 P1 P2 P3	A Aud (All batches) (B1-B4) (B5-B8) (B9-B12)
	Mechanical Workshop		0-0-3-2	Kesavan D (coordinator)	P4 P5 P6 P7	Workshop (B10-B12) Workshop (B1-B3) Workshop (B4-B6) Workshop (B7-B9)
	Physics Lab		0-0-3-2	Uma Divakaran Projjwal Banerjee	P6 P7	Physics Lab (B7-B9) Physics Lab (B10-B12)
	Chemistry Lab		0-0-3-2	Abdul Rasheed P Yugender Kotagiri	P4 P5	Chemistry Lab (B1-B3) Chemistry Lab (B4-B6)

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Mar – Jun 2023

B. Tech. Courses - Semester II

Code	Course Name	Category	Credits	Faculty	Slot	Room & Batch
CY1040	Basic Chemistry for Engineers		2-1-0-3	Rositha Kuniyil Umadevi D Supratik Sen Mojumdar	A	A MBA 201 (B1-B4)
						A 112 (B5-B8)
						A MBA 211 (B9-B12)
MA1021	Multivariable Calculus		3-1-0-4	Lakshmi Sankar (coordinator) Arpan Kabiraj Parangama Sarkar	G, B1	A MBA 201 (B1-B4)
						A 112 (B5-B8)
						A MBA 211 (B9-B12)
HS1010	Technology and Society		2-0-0-2	Reenu Punnoose	C(Mon), D (Wed)	A Aud
CE1020	Engineering Mechanics		3-1-0-4	Sovan Lal Das Sanjukta Chakraborty Arun C O	F	A MBA 201 (B1-B4)
						A 112 (B5-B8)
						A MBA 211 (B9-B12)
ID1110	Introduction to Programming		2-0-3-4	Albert Sunny (Coordinator) Srimanta Bhattacharya Sovan Lal Das Piyush P. Kurur	C(Fri), C1	A Aud
					P1	(B1-B4)
					P2	(B5-B8)
					P3	(B9-B12)
EE1110	Electrical Workshop		0-0-3-2		P4	(B7-B9)
					P5	(B10-B12)
					P6	(B1-B3)
					P7	(B4-B6)
PH1130	Physics Lab		0-0-3-2	Mayarani M	P5	Phys. Lab (B1-B3)
					P6	Phys. Lab (B4-B6)
CY1140	Chemistry Lab		0-0-3-2	Abdul Rasheed P Yugender Kotagiri, Padmesh A	P5	Chem. Lab (B7-B9)
					P6	Chem. Lab (B10-B12)

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B. Tech. Common Courses Semester IV

Code	Course Name	Category	Credits	Faculty	Slot	Room
HS2000	Professional Ethics	IDC	2-0-0-2	Anoop George	E (Mon,Fri)	A Aud
					C1, B1	N 204
HS2031	Principles of Economics (CSE+ EE only)	HSE	3-0-0-3	Amrita Roy	H	A Aud
HS2XXX	Psychology and Life (CE+ME)	HSE	3-0-0-3	Sudarshan Kottai	H	N 307
HS2302	French A1.1 (CE+ME) (30 students)	HSE	3-0-0-3	Reenu Punnoose (coordinator)	H	N 306
MA2032	Numerical Analysis	MAE/ GCE	3-0-0-3	HVR Mittal	F	N 204
MA2040	Probability and Statistics	MAE/ GCE	3-0-0-3	Ashok Kumar	F	N 305
				S H Kulkarni	B1 B(Wed,Fri)	A 18

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B. Tech. General Category Elective (GCE)

Code	Course Name	Category	Credits	Faculty/Coordinator	Slot	Room
MA2032	Numerical Analysis	MAE/ GCE	3-0-0-3	HVR Mittal	F	N 204
MA2040	Probability and Statistics	MAE/ GCE	3-0-0-3	Ashok Kumar	F	N 305
				S H Kulkarni	B1 B(Mon,Wed)	A 18
HS3605	Introduction to Modern Indian Political Thought (NPTEL)	GCE	3-0-0-3	Sujatha G (coordinator)	G	-
HS4605	Foundations of Linguistics (50 students)	GCE	3-0-0-3	Reenu Punnoose	G	A 33
HS4606	Media, Identity and the Self	GCE	3-0-0-3	Sujatha G	G	N 301
HS5004	Econometrics	GCE	3-0-0-3	Amrita Roy	G	A Aud
CY3601	Electrochemistry and Corrosions	GCE	3-0-0-3	Yugendar Kotagiri	G	A MBA 113
CS5625	Software Product Management	GCE	3-0-0-3	Haragopal Mangipudi	G(Thu) J(Thu), I(Thu)	A Aud
ES5601	Sustainability Analysis and Design	GCE	3-0-0-3	Sunitha K Nayar	G	N 305
BSXXXX	Fundamentals of Nanobiotechnology	GCE	3-0-0-3	Abdul Rasheed P	G	A Comp Lab (G floor)
PH4601	Magnetic Materials and its Applications	GCE	3-0-0-3	Soham Manni	G	N 303

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Jan – May 2022
B. Tech. Civil Engineering Semester IV

Code	Course Name	Category	Credits	Faculty	Slot	Room
HSXXXX	Humanities Elective	HSE	3-0-0-3	See B.Tech. Common Courses Slot Allocation		
MAXXXX	Mathematics Elective	MAE	3-0-0-3			
HS2000	Professional Ethics	IDC	2-0-0-2	Anoop George	C1, B1	N 204
CE2020	Structural Analysis	PMT	3-1-0-4	Madhu Karthik M	B, E(Mon)	N 301
CE2040	Hydraulic Engineering	PMT	3-1-0-4	Athira	A, A1	N 301
CE2060	Geology and Soil Mechanics	PMT	3-1-0-4	Divya P. V.	D, D1	N 301
CE2080	Surveying Theory	PMT	3-0-0-3	Subhasis Mitra	C	N 301
CE2180	Surveying Practical	PMP	0-0-3-2	Subhasis Mitra	P4	-

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B. Tech. Civil Engineering Semester VI

Code	Course Name	Category	Credits	Faculty	Slot	Room
XXXXX	General Category Elective	GCE	3-0-0-3	See B.Tech. Common Courses Slot Allocation		
CE3020	Traffic Engineering	PMT	3-0-2-4	B. K. Bhavathrathan	A, A1 P4	N 303
CE3040	Basic Structural Steel Design	PMT	3-1-0-4	M.V.Anil Kumar	B, B1	N 303
CE3060	Estimation & Construction Management	PMT	3-1-0-4	V. Senthilkumar	C, C1	N 303
CE3080	Hydraulic and Environmental Engineering Laboratory	PMP	0-0-3-2	Praveena G Sarmistha Singh	P7	Lab
CE3100	Internship			Gokulnath C		-
CE5510	Advanced Concrete Technology	PME	3-0-0-3	Sunitha K Nayar	J	N 303
CE5011	Finite Element Applications	PME	3-1-0-4	Gokulnath C	D, D1	N 303
CE5003	Introduction to GIS and Remote Sensing	PME	1-0-3-3	Sarmistha Singh	J P5	N 307 N 315 (Comp Lab)
CE4512	Airport and Railway Engineering	PME	3-0-0-3	Veena Venudharan	E	N 303
CE5514	Surface Water Hydrology	PME	3-0-0-3	Athira Sarmistha Singh	D	N 307
ME5631	Object-Oriented Numerical Analysis	PME	3-0-0-3	S. D. Rajan Samarjeet Chanda	Online	-

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B. Tech. Civil Engineering Semester VIII

Code	Course Name	Category	Credits	Faculty	Slot	Room No
CE4120	Project II	PMP	7		-	-
CE5510	Advanced Concrete Technology	PME	3-0-0-3	Sunitha K Nayar	J	N 303
CE5011	Finite Element Applications	PME	3-1-0-4	Gokulnath C	D, D1	N 303
CE5515	Advanced Mechanics of Structures	PME	3-0-0-3	Arun C O Gokulnath C	A	N 204
CE5003	Introduction to GIS and Remote Sensing	PME	1-0-3-3	Sarmistha Singh	J P5	N 307 N 315 (Comp Lab)
CE5614	Pavement Analysis & Design	PME	3-0-0-3	Veena Venudharan	C	N 307
CE4512	Airport and Railway Engineering	PME	3-0-0-3	Veena Venudharan	E	N 303
ME5631	Object-Oriented Numerical Analysis	PME	3-0-0-3	S. D. Rajan Samarjeet Chanda	Online	-

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Civil Engineering PME & ERC Courses

Code	Course Name	Credits	Faculty	Slot	Availability	Room No
CE5514	Surface Water Hydrology	3-0-0-3	Athira Sarmistha Singh	D	MS & PhD	N 307
CE5510	Advanced Concrete Technology	3-0-0-3	Sunitha K Nayar	J	S6, S8, MS & PhD	N 301
CE5011	Finite Element Applications	3-1-0-4	Gokulnath C	D, D1	S6, S8, MS & PhD	N 303
CE5003	Introduction to GIS and Remote Sensing	1-0-3-3	Sarmistha Singh	J, P5	S6, S8, MS & PhD	N 307 N 315 (Comp Lab)
CE4512	Airport and Railway Engineering	3-0-0-3	Veena Venudharan	E	S6, S8	N 303
ME5631	Object-Oriented Numerical Analysis	3-0-0-3	S. D. Rajan Samarjeet Chanda	Online	S6, S8, MS & PhD	-
CE5002	Applied soil mechanics	3-1-0-4	Rakesh J Pillai	A, A1	MTech, MS & PhD	N 307
CE5006	Foundation Engineering	3-1-0-4	Sudheesh T. K.	B, B1	MTech, MS & PhD	N 307
CE5614	Pavement Analysis & Design	3-0-0-3	Veena Venudharan	C	S8, MTech, MS & PhD	N 307
CE5615	Finite Element Methods in Geotechnical Engineering	3-0-0-3	Gokulnath C Rakesh J Pillai	D	MTech, MS & PhD	N 204
CE5XXX	Rock Engineering	3-0-0-3	Ankesh Kumar	I	MTech, MS & PhD	N 307

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B. Tech. Computer Science and Engineering Semester IV

Code	Course Name	Category	Credits	Faculty	Slot	Room
HSXXXX	Humanities Elective	HSE	3-0-0-3	See B.Tech. S4 Common Courses Slot Allocation		
MAXXXX	Mathematics Elective	MAE	3-0-0-3			
HS2000	Professional Ethics	IDC	2-0-0-2	Anoop George	E (Mon,Fri)	A Aud
CS2020	Discrete Mathematics for Computer Science		3-0-0-3	Jasine Babu	M E (Wed)	A 18
CS2040	Design and Analysis of Algorithms		3-1-0-4	Krithika Ramaswamy	G D (Wed)	A 18
CS2060	Computer Organisation		3-0-0-3	Vivek Chaturvedi	F(Tue, Thu)	A 18
CS2080	Artificial Intelligence		3-0-0-3	Narayanan C K	D (Mon, Fri) C1	A 18
CS2160	Computer Organisation Laboratory		0-0-3-2	Vivek Chaturvedi	P6	A Comp Lab (G floor)
CS2180	Artificial Intelligence Laboratory		0-0-3-2	Krithika R, Dinesh K	P5	A Comp Lab (G floor)

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B. Tech. Computer Science and Engineering Semester VI

Code	Course Name	Category	Credits	Faculty	Slot	Room
XXXXX	General Category Elective	GCE	3	See B.Tech. Common Courses Slot Allocation		
CS3020	Database Management Systems		3-0-0-3	Koninika Pal	A, A1	A 18
CS3040	Compiler Design		3-0-0-3	Unnikrishnan C	C, F(Fri)	A 18
CS3120	Database management system Laboratory		0-0-3-2	Koninika, Sahely	P4	A Comp Lab (G floor)
CS3140	Compiler Design Laboratory		0-0-3-2	Unnikrishnan C	P7	A Comp Lab (G floor)
CS3100	Internship		-	-	-	-
CS5016	Computational Methods and Applications	PME	2-0-3-4	Albert Sunny	B(Wed), H (Wed) P2	A MBA 211 A Comp Lab (1st floor)
CS5014	Foundations of Data Science and Machine Learning	PME	3-0-0-3	Deepak Rajendraprasad	F(Tue,Thu)	A Aud
CS5616	Computational Complexity	PME	3-0-0-3	Krishnamoorthy Dinesh	M, C1	A 119
CS5820	Probability and Computing	PME	3-0-0-3	Deepak Rajendraprasad	I	A 18
CS5XXX	Computational Algebra and Number Theory	PME	3-0-0-3	Piyush P. Kurur	J	A 18
DS5604	Responsible Artificial Intelligence	PME	3-0-0-3	Sahely Bhadra	F(Tue,Thu)	A 119
DS5102	Big Data Lab	PME	1-0-3-3	Satyajit Das	P6	A Comp Lab (1st floor)
CS5619	Synthesis of Digital Systems	PME	3-0-0-3	Sandeep Chandran	H(Mon) E(Mon) D(Mon,Wed)	A 119
DSXXXX	Probabilistic Graphical Models	PME	3-0-0-3	Narayanan CK	M B (Wed)	A 112
CS5XXX	Foundations of Cryptography	PME	3-0-0-3	NPTEL (Coordinator: Srimanta)	-	-
CS4XXX	Social Networks	PME	3-0-0-3	NPTEL (Coordinator: Sandeep)	-	-
CS5XXX	Secure Computation: Part I	PME	3-0-0-3	NPTEL (Coordinator: Sandeep)	-	-
CS5XXX	Hardware Security	PME	3-0-0-3	NPTEL (Coordinator: Sandeep)	-	-

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B. Tech. Computer Science and Engineering Semester VIII

Code	Course Name	Category	Credits	Faculty	Slot	Room
XXXXX	General Category Elective	GCE	3	See B.Tech. Common Courses Slot Allocation		
CS4120	Project II	PMP	7	Srimanta Bhattacharya	-	-
CS5016	Computational Methods and Applications	PME	2-0-3-4	Albert Sunny	B(Wed), H (Wed) P2	A MBA 211 A Comp Lab (1st floor)
CS5014	Foundations of Data Science and Machine Learning	PME	3-0-0-3	Deepak Rajendraprasad	F(Tue,Thu)	A Aud
CS5616	Computational Complexity	PME	3-0-0-3	Krishnamoorthy Dinesh	M, C1	A 119
CS5820	Probability and Computing	PME	3-0-0-3	Deepak Rajendraprasad	I	A 18
CS5XXX	Computational Algebra and Number Theory	PME	3-0-0-3	Piyush P. Kurur	J	A 18
DS5102	Big Data Lab	PME	1-0-3-3	Satyajit Das	P6	A Comp Lab (1st floor)
DS5604	Responsible Artificial Intelligence	PME	3-0-0-3	Sahely Bhadra	F(Tue, Thu)	A 119
CS5619	Synthesis of Digital Systems	PME	3-0-0-3	Sandeep Chandran	H(Mon) E(Mon) D(Mon,Wed)	A 119
DSXXXX	Probabilistic Graphical Models	PME	3-0-0-3	Narayanan CK	M B(Wed)	A 112
CS5XXX	Foundations of Cryptography	PME	3-0-0-3	NPTEL (Coordinator: Srimanta)	-	-
CS4XXX	Social Networks	PME	3-0-0-3	NPTEL (Coordinator: Sandeep)	-	-
CS5XXX	Secure Computation: Part I	PME	3-0-0-3	NPTEL (Coordinator: Sandeep)	-	-
CS5XXX	Hardware Security	PME	3-0-0-3	NPTEL (Coordinator: Sandeep)	-	-

Indian Institute of Technology Palakkad
Jan – May 2023
Computer Science and Engineering ERC Courses

Code	Course Name	Credits	Faculty	Slot	Availability	Room
CS5016	Computational Methods and Applications	2-0-3-4	Albert Sunny	B(Wed), H (Wed) P2		A MBA 211 A Comp Lab (1st floor)
CS5014	Foundations of Data Science and Machine Learning	3-0-0-3	Deepak Rajendraprasad	F(Tue,Thu)		A Aud
CS5010	Graph Theory and Combinatorics	3-0-0-3	Srimanta Bhattacharya	K		A 18
CS5616	Computational Complexity	3-0-0-3	Krishnamoorthy Dinesh	M, C1		A 119
CS5820	Probability and Computing	3-0-0-3	Deepak Rajendraprasad	I		A 18
CS5XXX	Computational Algebra and Number Theory	3-0-0-3	Piyush P. Kurur	J		A 18
DS5102	Big Data Lab	1-0-3-3	Satyajit Das	P6		A Comp Lab (1st floor)
DS5604	Responsible Artificial Intelligence	3-0-0-3	Sahely Bhadra	F(Tue,Thu)		A 119
CS5619	Synthesis of Digital Systems	3-0-0-3	Sandeep Chandran	H(Mon) E(Mon) D(Mon,Wed)		A 119
DSXXXX	Probabilistic Graphical Models	3-0-0-3	Narayanan CK	M B (Wed)		A 112

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B. Tech. Electrical Engineering Semester IV

Code	Course Name	Category	Credits	Faculty	Slot	Room
HSXXXX	Humanities Elective	HSE	3-0-0-3	See B.Tech. Common Courses Slot Allocation		
MAXXXX	Mathematics Elective	MAE	3-0-0-3			
HS2000	Professional Ethics	IDC	2-0-0-2	Anoop George	E (Mon,Fri)	A Aud
EE2020	Electrical Machines	PMT	3-1-0-4	Arun Rahul S	G (Nila) B1(Ahalia)	N Aud Anx A 33
EE2040	Analog Circuits Theory	PMT	3-1-0-4	Arvind Ajoy	A (Mon,Wed) C (Wed,Fri)	A 33
EE2060	Engineering Electromagnetics	PMT	2-1-0-3	Sukomal Dey	D (Mon,Fri) E (Wed)	A 33
EE2080	Microprocessor Systems Design and Interfacing	PMT	3-0-2-4	Mahesh R Panicker	B (Ahalia) P6 (Nila)	A 33 N Elec. Lab
EE2160	CAD Lab	PMP	0-0-3-2	Swaroop Sahoo Jobin Francis	P5	N Elec. Lab

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B. Tech. Electrical Engineering Semester VI

Code	Course Name	Category	Credits	Faculty	Slot	Room
XXXXX	General Category Elective	GCE	3-0-0-3	See B.Tech. Common Courses Slot Allocation		
EE3020	Digital Signal Processing	PMT	3-1-0-4	M Sabarimalai Manikandan	D(Mon), H(Wed) B (Fri), E(Fri)	N Aud Anx
EE3040	Power Systems	PMT	3-1-0-4	Manas Kumar Jena	A(Mon, Wed) C(Fri), E(Mon)	N Aud Anx
EE3060	Control Engineering	PMT	3-1-0-4	Shaikshavali Chitraganti	H(Mon), B(Wed) D(Fri), E(Wed)	N Aud Anx
EE3120	Communication Systems and Microwave Laboratory	PMP	0-0-3-2	Nikhil Krishnan M, Swaroop Sahoo	P4	N Elec Lab
EE3140	Measurements and Instrumentation Laboratory	PMP	0-0-3-2	Sreenath Vijayakumar	P7	N Elec Lab
EE5518	Nanoelectronic Devices	PME	3-0-0-3	Revathy Padmanabhan	I	A 112
EE5525	Sensors and Signal Conditioning Circuits	PME	3-0-0-3	Sreenath Vijayakumar	I	A 33
EE5516	VLSI Architectures for Signal Processing and Machine Learning	PME	2-0-2-3	Subrahmanyam Mula	M F (lab)	A 33 A Comp. Lab (G floor)
EE5515	Control of Nonlinear Dynamical Systems	PME	3-0-0-3	Sneha Gajbhiye	F	A MBA 112
EE5519/ EE5XXX	Wireless Communications/ Detection and Estimation Theory	PME	3-0-0-3	Jobin Francis	F	A 33
EE5XXX	Error-Correcting Codes for Communications and Distributed Systems	PME	3-0-0-3	Nikhil Krishnan M	J	A 33
EE5xxxx	Micro/Nanoelectronic Devices Laboratory	PME	0-0-3-2	Revathy Padmanabhan	EML D(Wed)	Niila CIF-CMFF

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B. Tech. Electrical Engineering Semester VIII

Code	Course Name	Category	Credits	Faculty	Slot	Room
XXXXX	General Category Elective	GCE	3	See B.Tech. Common Courses Slot Allocation		-
EE4120	Project II	PMP	7	Jobin Francis	-	-
EE5518	Nanoelectronic Devices	PME	3-0-0-3	Revathy Padmanabhan	I	A 112
EE5525	Sensors and Signal Conditioning Circuits	PME	3-0-0-3	Sreenath Vijayakumar	I	A 33
EE5516	VLSI Architectures for Signal Processing and Machine Learning	PME	2-0-2-3	Subrahmanyam Mula	M F (lab)	A 33 A Comp. Lab (G floor)
EE5515	Control of Nonlinear Dynamical Systems	PME	3-0-0-3	Sneha Gajbhiye	F	A MBA 112
EE5015	Power Converters - modulation, control and applications	PME	3-0-0-3	Anirudh Guha	K	N Aud Anx
EE5519/ EE5XXX	Wireless Communications/Detection and Estimation Theory	PME	3-0-0-3	Jobin Francis	F	A 33
EE5XXX	Error-Correcting Codes for Communications and Distributed Systems	PME	3-0-0-3	Nikhil Krishnan M	J	A 33
EE5xxxx	Micro/Nanoelectronic Devices Laboratory	PME	0-0-3-2	Revathy Padmanabhan	EML D (Wed)	Nila CIF-CMFF

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Electrical Engineering ERC Courses

Code	Course Name	Credits	Faculty	Slot	Availability	Room
EE5518	Nanoelectronic Devices	3-0-0-3	Revathy Padmanabhan	I		A 112
EE5525	Sensors and Signal Conditioning Circuits	3-0-0-3	Sreenath Vijayakumar	I		A 33
EE5516	VLSI Architectures for Signal Processing and Machine Learning	2-0-2-3	Subrahmanyam Mula	M F (lab)		A 33 A Comp. Lab (G floor)
EE5515	Control of Nonlinear Dynamical Systems	3-0-0-3	Sneha Gajbhiye	F		A MBA 112
EE5015	Power Converters - modulation, control and applications	3-0-0-3	Anirudh Guha	K		N Aud Anx
EE5519/ EE5XXX	Wireless Communications/Detection and Estimation Theory	3-0-0-3	Jobin Francis	F		A 33
EE5XXX	Error-Correcting Codes for Communications and Distributed Systems	3-0-0-3	Nikhil Krishnan M	J		A 33
EE6001	Design of Analog Circuits and Systems	3-1-0-4	Arvind/Adjunct Faculty	G, A1		A 119
EE5523	Electric Drives	3-0-0-3	Arun Rahul S	L		N Aud Anx
EE5530	Principles of SoC Functional Verification	3-0-0-3	Subrahmanyam Mula	J		A 119
EE5xxxx	Micro/Nanoelectronic Devices Laboratory	0-0-3-2	Revathy Padmanabhan	EML D(Wed)		Nila CIF-CMFF
EE5XXX	Allied topics in Control (to be approved)	3-0-0-3	Vijay Muralidharan	A		Contact course

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B. Tech. Mechanical Engineering Semester IV

Code	Course Name	Category	Credits	Faculty	Slot	Room
HSXXXX	Humanities Elective	HSE	3-0-0-3	See B.Tech. Common Courses Slot Allocation		
MAXXXX	Mathematics Elective	MAE	3-0-0-3			
HS2000	Professional Ethics	IDC	2-0-0-2	Anoop George	C1, B1	N 204
ME2020	Gas Dynamics		2-1-0-3	Ganesh Natarajan	D	N 306
ME2040	Machine Drawing Practice		1-0-3-4	Pramod Kuntikana Krishna Seshagiri	P6	N Comp Lab (Small)
ME2060	Kinematics and Dynamics of Machinery		3-1-0-4	Santhakumar Mohan	B, M(Tue)	N 306
ME2080	Engineering Materials		3-1-0-4	Afzaal Ahmed	A, M(Thu)	N 306
ME2140	Applied Mechanics Laboratory		0-0-3-2	Krishna Seshagiri	P4	-

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B. Tech. Mechanical Engineering Semester VI

Code	Course Name	Category	Credits	Faculty	Slot	Room
XXXXX	General Category Elective	GCE	3-0-0-3	See B.Tech. Common Courses Slot Allocation		
ME3020	Applied Thermo-Fluids Engineering		3-1-0-4	Anand T N C	B, C1	N 308
ME3040	Mechanical Vibrations		3-0-0-3	Anoop Akkoorath Mana	J(Thu) K(Fri)	N 308
ME3060	Machine Design Practice		3-0-0-3	KVN Surendra	D	N 308
ME3080	Automation in Manufacturing		3-0-0-3	Chakradhar Dupadu	H	N 303
ME3100	Internship			Pramod Kuntikana	--	-
ME3180	Mechanical Engineering Laboratory 2		0-0-3-2	Buchibabu V	P5	-
ME5617	Wheeled Mobile Robots	PME	3-0-0-3	Santhakumar Mohan	C	N 308
ME4502	Aerospace Propulsion	PME	3-0-0-3	T Sundararajan	L	N 308
ME5001	Fracture Mechanics	PME	3-0-0-3	KVN Surendra	K(Mon) I(Thu)	N 308
ME5610	Soft Computing	PME	3-0-0-3	D Chakradhar Samarjeet Chanda	E, B1	N 308
ME5620	Advanced Heat Transfer	PME	3-0-0-3	Samarjeet Chanda	C	N 306
ME5619	Combustion	PME	3-0-0-3	Krishna Sesha Giri	E	N 306
ME5631	Object-Oriented Numerical Analysis	PME	3-0-0-3	S D Rajan (ASU) Samarjeet Chanda (local coordinator/instructor)	Outside IST working zone	-
ME5628	Lean Manufacturing	PME	3-0-0-3	D Chakradhar Girish Govande (ACMA)	A	N 308

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B. Tech. Mechanical Engineering VIII

Code	Course Name	Category	Credits	Faculty	Slot	Room
ME4160	Project II	PMP	7	Anand T N C	-	-
ME5617	Wheeled Mobile Robots	PME	3-0-0-3	Santhakumar Mohan	C	N 308
ME4502	Aerospace Propulsion	PME	3-0-0-3	T Sundararajan	L	N 308
ME5001	Fracture Mechanics	PME	3-0-0-3	KVN Surendra	K(Mon) I(Thu)	N 308
ME5610	Soft Computing	PME	3-0-0-3	D Chakradhar Samarjeet Chanda	E, B1	N 308
ME5620	Advanced Heat Transfer	PME	3-0-0-3	Samarjeet Chanda	C	N 306
ME5631	Object-Oriented Numerical Analysis	PME	3-0-0-3	S D Rajan (ASU) Samarjeet Chanda (local coordinator/instructor)	Outside IST working zone	-
ME5628	Lean Manufacturing	PME	3-0-0-3	D Chakradhar Girish Govande (ACMA)	A	N 308

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Mechanical Engineering PME & ERC Courses

Code	Course Name	Credits	Faculty	Slot	Availability	Room
ME 5617	Wheeled Mobile Robots	3-0-0-3	Santhakumar Mohan	C		N 308
ME4502	Aerospace Propulsion	3-0-0-3	T Sundararajan	L		N 308
ME5001	Fracture Mechanics	3-0-0-3	KVN Surendra	K(Mon) I(Thu)		N 308
ME 5610	Soft Computing	3-0-0-3	D Chakradhar Samarjeet Chanda	E, B1		N 308
ME 5620	Advanced Heat Transfer	3-0-0-3	Samarjeet Chanda	C		N 306
ME 5619	Combustion	3-0-0-3	Krishna Sessa Giri	E	Only for PhD	N 306
ME5631	Object-Oriented Numerical Analysis	3-0-0-3	S D Rajan (ASU) Samarjeet Chanda (local coordinator/instructor)	Outside IST working zone		-
ME5628	Lean Manufacturing	3-0-0-3	D Chakradhar Girish Govande (ACMA)	A		N 308

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B. Tech. Data Science Semester II Courses

Code	Course Name	Category	Credits	Faculty	Slot	Room
XXXXX	UG Common Courses			See UG common courses		

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M. Sc. Chemistry Semester II

Code	Course Name	Category	Credits	Faculty	Slot	Room No
GN6001	Research methodology and professional ethics	CWC	0	Priyakumari C P Anoop George	-	-
CY5002	Chemistry of Materials		3-0-0-3	Dinesh Jagadeesan	K	A 112
CY5004	Molecular Dynamics and Basic Statistical Thermodynamics		3-0-0-3	Debarati Chatterjee	F M	Eng. Dr. Lab A MBA 112
CY5006	Elucidation of Molecular Structure		3-0-0-3	Shanmugaraju Sankarasekaran	J	A MBA 113
CY5008	Reaction Mechanisms		3-0-0-3	Mintu Porel	I	A MBA 113
CY5102	Synthesis, Energetics and Dynamics Lab 2		0-0-3-2	Dinesh Jagadeesan	P1	Chem Lab
CY5104	Synthesis, Energetics and Dynamics Lab 3		0-0-3-2	Mintu Porel	P3	Chem Lab

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M. Sc. Chemistry Semester IV

Code	Course Name	Category	Credits	Faculty	Slot	Room No
CY5611	Supramolecular Chemistry	PSE/OE	3-0-0-3	Shanmugaraju Sankarasekaran	M, C1	A MBA 113
CY5610	Principles of Chemical Biology	PSE/OE	3-0-0-3	Sushabhan Sadhukhan	L	A 112
CY5120	Major Project	-	9-0-0-9	Abdul Rasheed Priyakumari C P	-	-
CY5609	Advanced Quantum Chemistry	PSE/OE	3-0-0-3	Padmesh A	B P5	A MBA 113 A Comp Lab (1st Floor)
CY5503M	Transition Metal Organometallics in Catalysis and Biology (NPTEL)	PSE/OE	3-0-0-3	Sushabhan Sadhukhan	-	-

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M. Sc. Mathematics Semester II

Code	Course Name	Category	Credits	Faculty	Slot	Room No
MA5002	Multivariable Calculus		4-0-0-4	Jaikrishnan J	E, M(Thu)	A MBA 211
MA5004	Measure Theory		4-0-0-4	V Muruganandam	C, C1	A MBA 201
MA5006	Fields and Modules		4-0-0-4	Rhith Varma	A(Mon,Wed) B(Wed,Fri)	A MBA 113 A MBA 112
MA5008	Topology		4-0-0-4	Arpan Kabiraj	L(Mon), C1 K (Fri)	A 33
MA5010	Complex Analysis		4-0-0-4	G P Balakumar	L(Fri) K(Mon) D(Mon)	A 33 A Aud A MBA 113

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M. Sc. Mathematics Semester IV

Code	Course Name	Category	Credits	Faculty	Slot	Room No
GN6001	Research methodology and professional ethics		0	Anoop George		
MAXXXX	Advanced Functional Analysis	PSE	4-0-0-4	C R Jayanarayanan	M C1	A MBA 201 A MBA 112
MA6010	Advanced Partial Differential Equations	PSE	3-0-0-3	Sarath Sasi	M, D(Mon)	A Aud
MA6605	Operator Theory	PSE	3-0-0-3	C R Jayanarayanan	E	A MBA 201
EE5517	Information Theory and Statistics	PSE	3-0-0-3	M Ashok Kumar	H(Mon) B(Fri) E(Fri)	A 112
MA5608	Numerical Methods for PDE and Applications	PSE	3-0-0-3	HVR Mittal	J	A MBA 201
MA5602	Algebraic Topology	PSE	3-0-0-3	V Muruganandam	B(Wed,Fri) I(Tue)	A Aud
MAxxxx	Riemannian Geometry	PSE	4-0-0-4	Jaikrishnan J	L K(Mon)	A 119 A 33
MA5120	Project (Level 2)	PSE	6-0-0-6	HVR Mittal	-	-
CS5016	Computational Methods and Applications	PSE	2-0-3-4	Albert Sunny	B(Wed), H (Wed) P2	A MBA 211 A Comp Lab (1st floor)
CS5010	Graph Theory and Combinatorics	PSE	3-0-0-3	Srimanta Bhattacharya	K	A 18
CS5014	Foundations of Data Science and Machine Learning	PSE	3-0-0-3	Deepak Rajendraprasad	F	A Aud
CS5616	Computational Complexity	PSE	3-0-0-3	Krishnamoorthy Dinesh	M, C1	A 119
CS5820	Probability and Computing	PSE	3-0-0-3	Deepak Rajendraprasad	I	A 18

CS5XXX	Computational Algebra and Number Theory	PSE	3-0-0-3	Piyush P. Kurur	J	A 18
HS5004	Econometrics	PSE	3-0-0-3	Amrita Roy	G	A MBA 112
DS6XXX	Probabilistic graphical models	PSE	3-0-0-3	Narayanan CK		
EE5XXX	Detection and Estimation Theory	PSE	3-0-0-3	Jobin Francis	F	A 33
EE5XXX	Error-Correcting Codes for Communications and Distributed Systems	PSE	3-0-0-3	Nikhil Krishnan M	J	A 33
ME5631	Object-Oriented Numerical Analysis	PSE	3-0-0-3	S D Rajan (ASU) Samarjeet Chanda (local coordinator/instructor)	-	-
DS5XXX	Time Series Modeling and Analysis		3-0-0-3	Sahely Bhadra (coordinator)	H(Fri), C (Fri)	A 112
					A(Wed) C(Wed)	A Aud
EE5515	Control of Nonlinear Dynamical Systems	PME	3-0-0-3	Sneha Gajbhiye	F	A MBA 112

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M. Sc. Physics Semester II

Code	Course Name	Category	Credits	Faculty	Slot	Room No
HSXXXX	Humanities Elective	HSE	3-0-0-3	See HSE/GCE common course sheet		
GN6001	Research Methodology and Professional Ethics	CWC	0	Anoop Geroge	-	-
PH5008	Quantum Mechanics 2		3-0-0-3	Kusum Dhochak	E(Wed,Fri) H(Wed)	A MBA 112
PH5002	Atomic and Molecular Physics		3-0-0-3	Jayakumar Balakrishnan	F	A MBA 113
PH5004	Electronics and Instrumentation		2-0-2-4	Swaroop Sahoo	A(Wed), B (Wed) P1(lab)	A Elec. Lab
PH5006	Statistical Mechanics		3-1-0-4	Uma Divakaran	K(Fri) J(Tue), A1	A Aud A 33
PH5102	Msc Physics Lab 2 Thermal Physics and Atomic Spectroscopy Lab		0-0-3-2	Moumita Nandi	P4	Physics Lab

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M. Sc. Physics Semester IV

Code	Course Name	Category	Credits	Faculty	Slot	Room No
PH5611	Softmatter Physics	OE/PSE	3-0-0-3	Bibhu Ranjan Sarangi	D(Mon,Fri)	A MBA 112
					B(Wed) H(Wed)	A MBA 201
PH5XXX	Quantum Optics	OE/PSE	3-0-0-3	Amit Kumar Pal	A(Mon,Wed) C(Fri)	A MBA 112
PH6002	General Relativity	OE/PSE	3-0-0-3	Prithvi Narayan P	I	A 119
PH5618	Introduction to Computational Physics	OE/PSE	3-0-0-3	Vishwas V	J(Tue) P7	A Aud A Comp Lab (1st floor)
					J(Thu)	A 112
PH5120	Project	-	0-0-0-8	Bibhu Ranjan Sarangi Kusum Dhochak	-	-
PH5612	Group Theory Methods in Physics	OE/PSE	3-0-0-3	NPTEL	-	-

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Humanities & Social Sciences HRC Courses

Code	Course Name	Category	Credits	Faculty	Slot	Room No
HS6010	Argumentation in Linguistics		3-0-0-3	Reenu P	-	-
HS5007	Gender, Stem and Culture		3-0-0-3	Sujatha G		
HS6002	Self, Identity and Modernity in South Asia		3-0-0-3	Sujatha G	-	-
	Major Philosophers		3-0-0-3	Sujatha G	-	-

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M. Tech. Computing and Mathematics Semester II

Code	Course Name	Category	Credits	Faculty	Slot	Room No
CS5016	Computational Methods and Applications	PMT	2-0-3-4	Albert Sunny	B(Wed), H(Wed) P2	A MBA 211 A Comp Lab (1st floor)
CS5010	Graph Theory and Combinatorics	PMT	3-0-0-3	Srimanta Bhattacharya	K	A 18
CS5014	Foundations of Data Science and Machine Learning	PMT	3-0-0-3	Deepak Rajendraprasad	F	AAud
CS5616	Computational Complexity	PME	3-0-0-3	Krishnamoorthy Dinesh	M, C1	A 119
CS5820	Probability and Computing	PME	3-0-0-3	Deepak Rajendraprasad	I	A 18
CS5XXX	Computational Algebra and Number Theory	PME	3-0-0-3	Piyush P. Kurur	J	A 18
EE5517	Information Theory and Statistics	PME	3-0-0-3	M Ashok Kumar	H (Mon), B (Fri), E (Fri)	A 112
CS5XXX	Foundations of Cryptography	PME	3-0-0-3	NPTEL (Coordinator: Srimanta)	-	-

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M. Tech. Computing and Mathematics Semester IV

Code	Course Name	Category	Credits	Faculty	Slot	Room
CM5120	Project / Dissertation Phase 2	PMP	12	Albert Sunny	-	-

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M. Tech. Data Science Semester II

Code	Course Name	Category	Credits	Faculty	Slot	Room No
DS3040	Deep Learning		3-0-3-5	Mrinal K Das	D(Mon, Fri) C1 P4	A 112 A Comp. Lab (1st Floor)
DS5102	Big Data Lab		1-0-3-3	Satyajit Das	P6	A Comp. Lab (1st Floor)
DS6XXX	Probabilistic graphical models		3-0-0-3	Narayanan CK	M, B(Wed)	A 112
DS5XXX	Time Series Modeling and Analysis		3-0-0-3	Sahely Bhadra (coordinator)	H(Fri), C(Fri)	A 112
					A(Wed) C(Wed)	A Aud
DS5604	Responsbile AI		3-0-0-3	Sahely Bhadra	F	A 119
CE5003	Introduction to GIS and Remote Sensing		1-0-3-3	Sarmistha Singh	J P5	N 307 N 315 (Comp Lab)
CS5014	Foundations of Data Science and Machine Learning		3-0-0-3	Deepak Rajendraprasad	F	A Aud
CS5016	Computational Methods and Applications		2-0-3-4	Albert Sunny	B(Wed), H (Wed) P2	A MBA 211 A Comp Lab (1st floor)
ME5610	Soft Computing		3-0-0-3	D Chakradhar Samarjeet Chanda	E	N 307
EE5517	Information Theory and Statistics		3-0-0-3	M Ashok Kumar	H(Mon) B(Fri) E(Fri)	A 112
HS5004	Econometrics (UG limit - 20)		3-0-0-3	Amrita	G	A MBA 112
EE5516	VLSI Architectures for Signal Processing and Machine Learning		2-0-2-3	Subrahmanyam Mula	M F (lab)	A 33 A Comp. Lab (G floor)

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M. Tech. Data Science Semester IV

Code	Course Name	Category	Credits	Faculty	Slot	Room
GN6001	Research Methodology and Professional Ethics	CWC	0	Anoop George	-	-
DS5120	Project (phase 2)		10	Mrinal K Das	-	-
	Probabilistic graphical models	PME/ ERC	3-0-0-3	Narayanan CK	M, B(Wed)	A 112
DS5XXX	Time Series Modeling and Analysis	PME/ ERC	3-0-0-3	Sahely Bhadra (coordinator)	H(Fri), C(Fri)	A 112
					A(Wed) C(Wed)	A Aud
DS5604	Responsible AI	PME/ ERC	3-0-0-3	Sahely Bhadra	F	A 119

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M. Tech. Data Science ERC Courses

Code	Course Name	Credits	Faculty	Slot	Availability	Room
	Probabilistic graphical models	3-0-0-3	Narayanan CK	M, B(Wed)	MS and PhD	A 112
DS5XXX	Time Series Modeling and Analysis	3-0-0-3	Sahely Bhadra (coordinator)	H(Fri), C(Fri)	MS and PhD	A 112
				A(Wed) C(Wed)		A Aud
DS5604	Responsible AI	3-0-0-3	Sahely Bhadra	F	MS and PhD	A 119

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M. Tech- Geotechnical Engineering Semester II

Code	Course Name	Category	Credits	Faculty	Slot	Room No
GN6001	Research methodology and professional ethics	CWC	0	Anoop George	-	-
CE5002	Applied soil mechanics	PMT	3-1-0-4	Rakesh J Pillai	A, A1	N 307
CE5006	Foundation Engineering	PMT	3-1-0-4	Sudheesh T. K.	B, B1	N 307
CE5614	Dept. Elective 1 (Pavement Analysis & Design)	PME	3-0-0-3	Veena Venudharan	C	N 307
CE5615	Dept. Elective 2 (Finite Element Methods in Geotechnical Engineering)	PME	3-0-0-3	Gokulnath C Rakesh J Pillai	D	N 204
CE5XXX	Dept. Elective 3 (Rock Engineering)	PME	3-0-0-3	Ankesh Kumar (Joining first week of January 2023)	I	N 307
CE5004	Experimental Geotechnics	PMP	0-0-3-2	Sudheesh T. K.	P4	-

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M. Tech- Geotechnical Engineering Semester IV

Code	Course Name	Category	Credits	Faculty	Slot	Room
CE5120	Project Stage 2	PMP	12	Rakesh J Pillai	-	-

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M. Tech. Manufacturing and Materials Engineering Semester II

Code	Course Name	Category	Credits	Faculty	Slot	Room No
GN6001	Research methodology and professional ethics	CWC	0	Anoop Geroge	-	-
ME5004	Mechanical Behaviour of Materials		3-0-0-3	Kesavan D	B	N 305
ME5002	Computer Aided Metrology		3-0-0-3	Kanmani Subbu S	A	N 305
ME5620	Advanced Heat Transfer		3-0-0-3	Samarjeet Chanda	C	N 306
ME5610	Soft Computing		3-0-0-3	D Chakradhar Samarjeet Chanda	E, B1	N 308
ME5624	Advanced Finishing Technologies		3-0-0-3	Dinesh	F	N 308
ME5613	Welding Technology		3-0-0-3	Buchibabu V	D	N 305
ME5101	Modeling and Simulation Laboratory		1-0-3-3	D Chakradhar	P4	-

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M. Tech. Manufacturing and Materials Engineering Semester IV

Code	Course Name	Category	Credits	Faculty	Slot	Room
ME5120	Project II			Dinesh	-	-
ME5613	Welding Technology		3-0-0-3	Buchibabu V	D	N 305

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M. Tech in Power Electronics and Power Systems- Semester II

Code	Course Name	Category	Credits	Faculty	Slot	Room
EE5015	Power Converters - modulation, control and applications	PMT	3-0-0-3	Anirudh Guha	K	N Aud Anx
EE5103	Power converters design lab	PMP	0-0-3-2	Arun Rahul S	P3	Nila Machines Lab
EE5105	Power Electronics simulation lab	PMP	0-0-3-2	Anirudh Guha	P1	N 315 (Comp Lab)
EE5101	Power systems simulation lab	PMP	0-0-3-2	Manas Kumar Jena	P2	Nila Machines Lab
EE5518	Nanoelectronic Devices	PME	3-0-0-3	Revathy Padmanabhan	I	A 112
EE5525	Sensors and Signal Conditioning Circuits	PME	3-0-0-3	Sreenath Vijayakumar	I	A 33
EE5516	VLSI Architectures for Signal Processing and Machine Learning	PME	2-0-2-3	Subrahmanyam Mula	M F (lab)	A 33 A Comp. Lab (G floor)
EE5515	Control of Nonlinear Dynamical Systems	PME	3-0-0-3	Sneha Gajbhiye	F	A MBA 112
EE6001	Design of Analog Circuits and Systems	PME	3-1-0-4	Arvind/Adjunct Faculty	G, A1	A 119
EE5523	Electric Drives	PME	3-0-0-3	Arun Rahul S	L	N Aud Anx
EE5530	Principles of SoC Functional Verification	PME	3-0-0-3	Subrahmanyam Mula	J	A 119

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M. Tech in Power Electronics and Power Systems- Semester IV

Code	Course Name	Category	Credits	Faculty	Slot	Room
PE5120	Professional Major Project Phase 2	PMP	12	Manas KumarJena	-	-

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M. Tech. System-on-Chip Design Semester II

Code	Course Name	Category	Credits	Faculty	Slot	Room No
CS5102	SoC Design Lab		1-0-3-3	Satyajit Das	C (Fri) P3	A 119 A Electronics Lab
SD5190	Mini project		0-0-5-3	Revathy Padmanabhan	-	-
EE5516	VLSI Architectures for Signal Processing and Machine Learning	PME	2-0-2-3	Subrahmanyam Mula	M F (lab)	A 33 A Comp. Lab (G floor)
EE5518	Nanoelectronic Devices	PME	3-0-0-3	Revathy Padmanabhan	I	A 112
EE5525	Sensors and Signal Conditioning Circuits	PME	3-0-0-3	Sreenath Vijayakumar	I	A 33
EE5530	Principles of SoC Functional Verification	PME	3-0-0-3	Subrahmanyam Mula	J	A 119
EE6001	Design of Analog Circuits and Systems	PME	3-1-0-4	Arvind/Adjunct Faculty	G, A1	A 119
CS5104	Big Data Lab	PME	1-0-3-3	Satyajit Das	P6	A Comp. Lab (1st Floor)
CS5016	Computational Methods and Applications	PME	2-0-3-4	Albert Sunny	B(Wed), H (Wed) P2	A MBA 211 A Comp Lab (1st floor)
CS5619	Synthesis of Digital Systems	PME	3-0-0-3	Sandeep Chandran	H(Mon) E(Mon) D(Mon,Wed)	A 119
EE5xxxx	Micro/Nanoelectronic Devices Laboratory	PME	0-0-3-2	Revathy Padmanabhan	EML D(Wed)	Nila CIF- CMFF

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M. Tech. System-on-Chip Design Semester IV

Code	Course Name	Category	Credits	Faculty	Slot	Room
SD5120	M.Tech Thesis/Project Phase 2	PMP	12	Subrahmanyam Mula (Coordinator)	-	-