

**Indian Institute of Technology Palakkad**  
**Feb – May 2021 (Online Semester)**  
**Slot System**

<b>Time</b>	<b>10:00 – 11:00</b>		<b>11:30 – 12:30</b>		<b>14:00 – 15:30</b>
<b>For</b>	<b>Live Discussion</b>		<b>Live Discussion</b>		<b>Live Tutorial / Lab</b>
<b>Mon</b>	A		E		T1
<b>Tue</b>	B		F		T2
<b>Wed</b>	C		G		T3
<b>Thu</b>	Reserved for talks and co-curricular activities				T4
<b>Fri</b>	D		H		T5
<b>Quiz Slots</b>					
<b>Course Slot</b>	<b>Time</b>	<b>Dates</b>			
A	09:00 – 09:45	22 Feb, 12 Mar, 05 Apr, 23 Apr			
B		24 Feb, 15 Mar, 07 Apr, 26 Apr			
C		26 Feb, 17 Mar, 09 Apr, 28 Apr			
D		01 Mar, 19 Mar, 12 Apr, 30 Apr			
E		03 Mar, 22 Mar, 14 Apr, 03 May			
F		05 Mar, 24 Mar, 16 Apr, 05 May			
G		08 Mar, 26 Mar, 19 Apr, 07 May			
H		10 Mar, 31 Mar, 21 Apr, 10 May			

**Indian Institute of Technology Palakkad**  
**Feb – May 2021**  
**M. Tech. Computing and Mathematics Semester II**

<b>Code</b>	<b>Course Name</b>	<b>Credits</b>	<b>Faculty</b>	<b>Slot</b>
CS5016	Computational Methods and Applications	4	Dr. Albert	T4
CS5010	Graph Theory and Combinatorics	3	Dr. Jasine	F
CS5014	Foundations of Data Science and Machine Learning	3	Dr. Deepak	H
CS6004	Logic	3	Dr. Piyush	C
CS5003	Parameterized Algorithms	3	Dr. Krithika	D
XXXXXX	Open Elective	3	Any 5000 level course	

# Indian Institute of Technology Palakkad

Feb – May 2021

## M. Tech. Data Science Semester II

Code	Course Name	Credits	Faculty	Slot
CS5104	Big Data Lab	3	Dr. Satyajit	A, T3
CS5007	Deep Learning	3	Dr. Mrinal	B
CS5012	AI for Cyber security	3	Dr. Vivek	E
CS5008	Reinforcement Learning	3	Dr. Chandra Shekar	F
CS5014	Foundations of Data Science and ML	3	Dr. Deepak	H
HS5004	Econometrics	3	Dr. Amrita	G
EE5517	Information Theory and Statistic	3	Dr. Lakshmi Narasimhan	T1
ME5601	Soft Computing	3	Dr. Chakradhar Dr. Samarjeet	C
CS5016	Computational Methods and Applications	4	Dr. Albert	T4

# Indian Institute of Technology Palakkad

Feb – May 2021

## M. Tech. Geotechnical Engineering Semester II

Code	Course Name	Credits	Faculty	Slot
GN5001	Research Methodology and Professional Ethics	0	-	-
CE5002	Applied Soil Mechanics	4	Dr. Divya P	A, T4
CE5006	Foundation Engineering	4	Dr. Sudheesh T K	B, T3
CE5615	Finite Element Analysis in Geotechnical Engineering	3	Dr. Gokul C Dr. Rakesh J Pillai	C
CE5614	Pavement Analysis and Design	3	Dr. Veena Venudharan	G
CE5512	Solid Waste Management	3	Dr. Praveena G	F
CE5004	Experimental Geotechnics	2	Deferred	

**Indian Institute of Technology Palakkad**  
**Feb – May 2021**  
**M. Tech. Geotechnical Engineering Semester IV**

<b>Code</b>	<b>Course Name</b>	<b>Credits</b>	<b>Faculty</b>	<b>Slot</b>
CE5120	Project Stage II	12	Dr. Divya P Dr. Rakesh J Pillai	-

# Indian Institute of Technology Palakkad

Feb – May 2021

## M. Tech. Manufacturing & Materials Engineering Semester II

Code	Course Name	Credits	Faculty	Slot
GN5001	Research Methodology and Professional Ethics	0	-	-
ME5004	Mechanical Behaviour of Materials	3	Dr. Kesavan	A
ME5002	Computer Aided Metrology	3	Dr. Subbu	E
ME5613	Welding Technology	3	Dr. Buchibabu	B
ME5618	Additive Manufacturing	3	Dr. Kesavan Dr. Subbu Dr. Buchibabu	D
ME5610	Soft Computing	3	Dr. Chakradhar Dr. Samarjeet	C

# Indian Institute of Technology Palakkad

Feb – May 2021

## M. Tech. Manufacturing & Materials Engineering Semester II

Code	Course Name	Credits	Faculty	Slot
ME5624	Advanced Finishing Processes	3	Dr. Dinesh	G
ME5620	Advanced Heat Transfer	3	Dr. Samarrjeet	F
ME5012	Manufacturing Processes and Characterization Laboratory	3	Dr. Kesavan	T3

# Indian Institute of Technology Palakkad

Feb – May 2021

M. Tech. Manufacturing & Materials Engineering Semester IV

Code	Course Name	Credits	Faculty	Slot
ME5120	Project II	12	Dr. Chakradhar	-
ME5100	Internship	2	Dr. Buchiababu	-
ME5101	Modeling and Simulation Laboratory	3	Dr. Kesavan	T4



# Indian Institute of Technology Palakkad

Feb – May 2021

## M. Tech. Power Electronics and Power Systems Semester II

Code	Course Name	Credits	Faculty	Slot
EE5015	Power Converters - Modulation, Control and Applications	3	Dr. Anirudh Guha	A
EE5101	Power System Simulation Lab	2	Dr. Manas Kumar Jena	T4
EE5103	Power Electronics Design Lab	2	Dr. Arun Rahul	T1
EE5015	Power Electronics Simulation Lab	2	Dr. Anirudh Guha	T2
EE5525	Sensors and Signals Conditioning Circuits	3	Dr. Sreenath	F
EE5515	Control of Nonlinear Dynamical Systems	3	Dr. Sneha Gajbhiye	H

# Indian Institute of Technology Palakkad

Feb – May 2021

## M. Tech. Power Electronics and Power Systems Semester II

Code	Course Name	Credits	Faculty	Slot
EE5516	VLSI Architectures for Signal Processing and Machine Learning	3	Dr. Subrahmanyam Mula	C, T5
ME5610	Soft Computing	3	Dr. Chakradhar Dr. Samarjeet	C
CE5516	Optimization Techniques in Engineering	3	Dr. B. K. Bhavathrathan	F
XXXXX	Open Elective	3	Any 5000 level course	

# Indian Institute of Technology Palakkad

Feb – May 2021

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

Code	Course Name	Credits	Faculty	Slot
SD5190	Mini Project	3	-	-
CS5102	SoC Design Lab	3	Dr. Satyajit Das	B, T4
CS5618	Real-time Systems	3	Dr. UnniKrishnan C	F
CS5012	AI for Cybersecurity	3	Dr. Vivek Chaturvedi	E
CS5619	Synthesis of Digital Systems	3	Dr. Sandeep Chandran	H
CS5007	Deep Learning	3	Dr. Mrinal Das	B
CS5008	Reinforcement Learning	3	Dr. Chandra Shekar	F
EE5003	RF and Microwave Passive Circuit	3	Dr. Sukomal Dey	G

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Feb – May 2021

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

Code	Course Name	Credits	Faculty	Slot
EE5525	Sensors and Signals Conditioning Circuits	3	Dr. Sreenath	F
EE5527	Sensor Arrays and Imaging	3	Dr. Mahesh Panicker	T1
EE6001	Design of Analog Circuits and Systems	4	Dr. Arvind Ajoy	T2
EE5518	Nanoelectronic Devices	3	Dr. Revathy Padmanabhan	D
EE5516	VLSI Architectures for Signal Processing and Machine Learning	3	Dr. Subrahmanyam Mula	C, T5