--- FACULTY DETAILS OF IIT PALAKKAD ---

Link to website >>> https://iitpkd.ac.in/faculty-a-z-lists

--- STAFF DETAILS OF IIT PALAKKAD ---

LINK TO WEBSITE >>> https://iitpkd.ac.in/staff-list

Mess Timings for IIT Palakkad (All Messes) (Wef 22/01/24)

Particulars	Timings	Timings (On institute holidays)
Breakfast	07:20 - 09:30	08:00 - 10:00
Lunch	12:00 - 14:15	12:30 - 14:30
Snacks	16:30 - 18:00	16:30 - 18:00
Dinner	19:00 - 21:00	19:00 - 21:00

NOTE: Strict adherence to meal timings (especially during dinner) is expected from fellow members of the institute.

	Breakfast	Lunch	Snacks	Dinner	
Common	bread, butter, jam, milk, tea, coffee, sprouts/chana, seasonal fruit	Pickle ,papad,mix salad, Onion, White rice, Lemon, Ghee	tea, coffee, sugar	Appalam, Mixed Salad, Pickle (Mango/Chili/Mix)	
Monday	Aloo paratha, Ketchup, Curd, **Non-Veg:** Boiled Egg Veg: **Veg:** Pineapple, Mint & Coriander Chutney	Payar dry, Kadhi pakoda, Tamilnadu sambar, Fresh Fruit Juice, Kerala rice, Phulka	instant noodles, Tomato ketchup	**Veg:** Mutter Paneer Masala, **Non-Veg:** Egg Gravy, White Rice, Chana dal tadka, Chapati, Makkan Peda	
Tuesday	Pongal, vada, Ground nut Chutney, **Non-Veg:** Omelette; **Veg:** Orange,	Chola Bhatura, Toor dal fry, Seasonal fruit(watermelon), Veg Jalferzi, Lemon rice, curd & sugar	Fresh fruit salad, Lemon juice, *(No milk, coffee and tea).*	Dal makhani, Bhindi Fry, Veg Manchurian, White rice, Fried Rice, Chapati, kheer	
Wednesday	Masala Dosa, Tomato Chutney, Sambar, **Non-Veg:** Boiled Egg; **Veg:** Banana, peanut butter	Bhindi masala, Baigan Bharta, Chana Dal Tadka, chapati, veg Pulao, phulka, spiced buttermilk	Masala Channa	**Veg:** Hyderabadi Paneer Dish, **Non-Veg:** Hyderabadi Style Chicken masala, white rice, Moong dal, Lachcha Paratha, Laddu, Lemon	
Thrusday	Puri, Semi-dry black Chana masala, **Non-Veg:** Omelette; **Veg:** Pineapple	Soya Masala, Masoor Dal, Rasam, Tarmarind rice, Palak Chapati, curd & sugar	Tikki chat	Veg paratha, Jeera rice, Green leafy vegetable dal, icecream, Curd, sugar, green chuteny	
Friday	Idly, Vada, sambar, coconut chutney, **Non-veg:** Boiled Egg, **Veg:** Banana	Rajma masala, Bottle Guard Sambar, Kerala rice, Phulka, Minty Buttermilk	Pungulu with chutney	**Non Veg:** Chicken Gravy; **Veg:** Paneer Butter masala, pulao, Mix dal, Chapathi, Kesari(Rawa), mango pickle, Lemon	
Saturday	Gobi Mix Veg Paratha, Green Coriander chutney, Peanut Butter, **Non Veg:** Boiled Egg, **Veg:** Musk Melon	Drum Stick-Tomato gravy, Dal Makhni, Fried aloo, Phulka, Rasam, curd & sugar	Mirchi bajji, Chutney, Cold Coffee	Arhar Dal tadka, Aviyal; mushroom masala, Jeera rice, Phulka, custard	
Sunday	Onion Rava dosa, Tomato chutney, Sambhar, **Non-Veg:** Boiled egg; **Veg:** Guava	**Non-Veg:** Chicken Butter Masala; **Veg:** Paneer - Semi Dry-Masala, Chapati, Veg Briyani, Raita, Fresh Fruit Juice	Vada Pav	Aloo Masala, Poori, Green vegetables with beans, Arhar Daltadka, White Rice, gulab jumun	
			# Week 1 and 3	*Everything is veg unless mentioned otherwise*	

	Breakfast	Lunch	Snacks	Dinner	
Common	bread, butter, jam, milk, tea, coffee, sprouts/chana, seasonal fruits	Pickle ,papad,mix salad, Onion, White rice, Lemon, Ghee	tea, coffee, sugar	Appalam, Mixed Salad, Pickle (Mango/Chili/Mix)	
Monday	Aloo paratha, Ketchup, Curd, **Non-Veg:** Boiled Egg, **Veg:** Pineapple, Mint & Corrainder Chutney	Kadhi pakoda, Aloo Gobi, Arhar Daltadka, Kerala rice, Phulka, Fresh Fruit Juice	Macroni	**Veg:** Paneer Biryani, **Non-Veg:** Egg Biryani, Raita ,Mutter masala, Chana dal tadka, Phulka, Makkan Peda, White rice	
Tuesday	Upma, Coconut chutney, **Non-Veg:** Boiled egg; **Veg:** Orange,	Chola Bhatura,Toor dal fry, watermelon, Veg Jalferzi, Lemon rice, Curd & sugar	Bread pakora and sauce	Dal makhani, Bhindi Fry, Veg Manchurian (Semi dry), White rice, Fried Rice, Chapati, Dal paysam	
Wednesday	Vegetable Uttapam, Coconut Chutney, Sambar, **Non-Veg:** Boiled egg; **Veg:** Guava, peanut butter	Bhindi masala, Dondakaya fry with peanuts, Chana Dal Tadta, veg Pulao, phulka, spiced buttermilk	Grilled Sandwich,Tomato ketchup	**Veg:** Mutter paneer masala, **Non-Veg:** Hyderabadi Style Chicken masala, white rice, Moong dal, Lachcha Paratha, Laddu, Lemon	
Thrusday	Puri, Semi-dry black Chana masala, **Non-Veg:** Omelette; **Veg:** Pineapple	Soya Masala, Masoor Dal, Rasam, Tarmarind rice, Palak Chapati, Minty Buttermilk	Cutlet & Tomato Ketchup	Chilly potato, Veg paratha, Dal with green leafy vegetable, icecream, Curd, sugar, green chutney, White Rice	
Friday	Fried Idly, Vada, coconut chutney, **Non- Veg:** Boiled Egg; **Veg:** Banana	Musturd raw banana gravy, Rajma masala , Bottle Guard Sambar, Kerala rice, Phulka, Curd & Sugar	Pani Puri	**Non Veg:** Chicken Gravy; **Veg:** Paneer Butter masala, pulao, Mix dal, Chapathi, Kesari(Rawa), mango pickle, Lemon	
Saturday	Semiya kichadi, Groundnut-Chutney, Peanut Butter, **Non-veg:** Omelette, **Veg:** Musk Melon	Dal Makhni, Drum stick + tomato, Jeera Aloo, Phulka, Rasam, curd & sugar	Samosa, Tomato ketchup, Cold Coffee	Arhar Dal tadka, Aviyal, Babycorn masala, Phulka, Jeera Rice, Kheer	
Sunday	Podi Dosa, Coconut Chutney, Sambar, **Non-Veg:** Boiled Egg; **Veg:** Banana	**Non-Veg:** Chicken Biryani, **Veg:** Mushroom Biryani, Chana dal tadka, Raita, Fresh Fruit Juice	Pav Bhaji	Aloo masala, poori, Arhar Daltadka, White rice, Curd rice, gulab jamun	
			# Week 2 and 4	*Everything is veg unless mentioned otherwise*	

Indian Institute of Technology Palakkad

Slot System - Aug-Dec 2023

	08:00-08:50	09:00-09:50	10:00-10:50	11:00-11:50	12:05-12:55	13:00-13:50	14:00-15:15	15:30-16:45	17:10-18:00
Mon	M1	A	B	C	H	Lunch Break	I	J	E1
			PM1				PA1		
Wed	M3	A	B	C	H		Q	R	EML from 16:00
			PM3				PA3		
Fri	M5	A	B	C	H		I	J	E5
			PM5				PA5		

	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	17:10 to 18:00
Tue	M2	F	G	D	Lunch Break	K	L	E2
		PM2				PA2		
Thu	M4	F	G	D		K	L	E4
		PM4				PA4		

Slot Overview

Note - Numbers in slot names refer to the day of the week i.e., 1=Monday, 2=Tuesday, etc. Example: in slot PA5, 5 stands for Friday. Similalrly, in M3, 3 stands for Wednesday.
A, B, C and H - 3 credit slots (3*50 mins each)
F, G, I, J, K, and L - 3 credit slots (2*75 mins each)
D is a 2 credit slot (2*50 mins)
M1-M5, E1-E2, E4-E5, Q, and R are 1 credit slots (50 mins each)
PM1, PM3 and PM5 are morning lab slots (10:00 hrs to 12:45 hrs) PM2 and PM4 are morning lab slots (9:00 hrs to 11:45 hrs) PA1, PA2, PA4, PA5 are afternoon lab slots of 2hr 45min (14:00 hrs to 16:45 hrs) PA3 is an afternoon lab slot of 1hr 50 min (14:00 hrs to 13:50 hrs)

Indian Institute of Technology Palakkad
Jan – May 2024
B. Tech. Semester II Institute Core Courses

Code	Course Name	Credits		Slot	Room/Batches
CY1040	Basic Chemistry for Engineers	2-1-0-3	Supratik (Coordinator), Dinesh and Rositha	A	C06-1 (B1-B4)
					C06-2 (B5-B8)
					C06-3 (B9-B12)
MA1021	Multivariable Calculus	3-1-0-4	Rohith V (coordinator) Jaikrishnan Lakshmi	C + Q	C06-1 (B1-B4)
					C06-2 (B5-B8)
					C06-3 (B9-B12)
CE1020	Engineering Mechanics	3-1-0-4	Arun C O (coordinator) Sanjukta Chakraborty Sovan Lal Das	B + R	C06-1 (B1-B4)
					C06-2 (B5-B8)
					C06-3 (B9-B12)
ID1110	Introduction to Programming	2-0-3-4	Anish (Theory)	F(9-9.50) (exam slot D)	A01-Aud
			Vivek (lab)	Tue (10-12.45) (PM2 for reg.)	A01 Comp lab1 (100) (B1-B6)
			Sovan Lal Das (lab)	Thu(10-12.45) (PM4 for reg.)	A01 Comp lab1 (100) (B7-B12)
HS1010	Technology and Society	2-0-0-2	Rahul Choragudi	L(Tuesday) **H**(Fri),	N-203 (B1-B6)
				H(Mon), L(Thursday)	N-203 (B7-B12)
EE1110	Electrical Workshop	0-0-3-2	Swaroop Sahoo Sabaraimalai M	PA1	B7-B9 (C06 Elec. Lab)
				PA2	B10-B12 (C06 Elec. Lab)
				PA4	B1-B3 (C06 Elec. Lab)
				PA5	B4-B6 (C06 Elec. Lab)
PH1130	Physics Lab	0-0-3-2	Amit Kumar Pal Uma Divakaran	PA2	B7-B9 (A01- Phy Lab)
				PA5	B10-B12 (A01- Phy Lab)
CY1130	Chemistry Lab	0-0-3-2	Yuvaraj (Coordinator) Rositha K	PA1	B1-B3 (A01 - CY Lab)
				PA4	B4-B6 (A01- CY Lab)

Indian Institute of Technology Palakkad
Jan – May 2024
B. Tech. HSE Courses, Semester II, IV

Code	Course Name	Credits	UG OE?	Prereq	Faculty	Slot	Room
HS2031	Principles of Economics (40)	3-0-0-3	Yes	No	Amrita Roy	H	A01-202
HS2302	Introduction to Language and Society(40)	3-0-0-3	Yes	No	Reenu Punnoose	H	A01-212
HSxxxx	Mental Health and Law (tentative title , course yet to be approved) (40)		Yes	No	Sudarshan R Kottai	H	A01-213
HS2304	Culture and Gender Performativity(40)	3-0-0-3	Yes	No	G Sujatha	H	A01-214

Indian Institute of Technology Palakkad
Jan – May 2024
B. Tech. SME Courses, Semester II and IV

Code	Course Name	Credits	UG OE?	Prereq	Faculty	Slot	Room
MA2041	Probability and Statistics	3-0-0-3	Yes		Arpan Kabiraj	F	A01-002
MA2032	Numerical Analysis	3-0-0-3	Yes		Gopikrishnan C R	F	A01-213
PH4602	Introduction to Special Relativity	3-0-0-3	Yes		Manoj Gopalakrishnan	G	A01-001
PH3601	Quantum Mechanics for Engineers	3-0-0-3	Yes	Yes	Amit Kumar Pal Uma Divakaran	G	A01-214
CY3601	Electrochemistry and Corrosions	3-0-0-3	Yes		Padmesh A	G	A01-202
CY4001	Industrial Chemistry	3-0-0-3	Yes	No	Umadevi	F	A01-202

Indian Institute of Technology Palakkad
Jan – May 2024
B. Tech. General Category Elective (GCE)

Code	Course Name	Credits	UG OE?	Prereq	Faculty/Coordinator	Slot	Room
PH3601	Quantum Mechanics for Engineers	3-0-0-3	Yes		Amit Kumar Pal Uma Divakaran	G	A01-214
PH4602	Introduction to Special Relativity	3-0-0-3	Yes		Manoj Gopalakrishnan	G	A01-001
HS4605	Foundation of Linguistics (40)	3-0-0-3	Yes		Reenu Punnoose	G	A01-213
HS5009	Mental Health and Society in the Global South (40)	3-0-0-3	Yes		Sudarshan R. Kottai	G	A01-002
HS	Contemporary Issues in Economic Development (30)	3-0-0-3	Yes		Amrita Roy	G	A01-120
HS4607M	German I (NPTEL)		Yes		Reenu Punnoose (coordinator)	NA	NA
HS3605	Introduction to Modern Indian Political Thought (NPTEL)		Yes		G. Sujatha (coordinator)	NA	NA
ME3522	Introduction to Finite Element Methods	3-0-0-3	Yes	Yes	Nelson Muthu (will Join in Dec in ME)	G	A01-118
CY3601	Electrochemistry and Corrosions	3-0-0-3	Yes		Padmesh A	G	A01-202
ES 5601	Sustainability Analysis and Design	2-0-2-3	Yes		Sunitha K Nayar	G	A01-018
BS5001	Fundamentals of Nanobiotechnology	3-0-0-3	Yes		Abdul Rasheed P	G	A01-103
ES5XXX	Photosynthesis	3-0-0-3	Yes		Deepak Jaiswal	G	A01-212
EE5XXX	Computer Graphics (40)	2-0-2-3	No		Vijay Muralidharan	G	A01-119
ME5632	Computational Methods for Inverse Problems	3-0-0-3	Yes		Arijit Hazra	G	A01-101

GN1005	GN1005: How to prepare for internship and job search?	1-0-0-1			Vinod Aravindakshan	E4	A01-002
CY4001	Industrial Chemistry	3-0-0-3	Yes	No	Umadevi	F	A01-202
HS3627	Engineering Economics (40)*	2-1-0-3	No		Senthilkumar V	F	A01-212

Indian Institute of Technology Palakkad
Jan – May 2024
B. Tech. Civil Engineering Core Courses, Semester II and IV

Code	Course Name	Credits	UG OE?	Prereq	Faculty	Slot	Room
CE2020	Structural Analysis	2-1-2-4	Yes	Yes	Madhu Karthik M	**A**, PA1	A01-213 N Civil Lab
CE2060	Soil Mechanics	3-0-2-4	Yes	Yes	Sudheesh T. K.	**B,** PA3	A01-213 N Civil Lab
CE2040	Hydraulic Engineering	3-0-2-4	Yes	No	Athira P.	**C**, PA5	A01-213 N Civil Lab

Indian Institute of Technology Palakkad
Jan – May 2024
B. Tech. Civil Engineering Core Courses, Semester VI

Code	Course Name	Credits	UG OE?	Prereq	Faculty	Slot	Room
CE3020	Traffic Engineering	3-0-2-4	Yes	No	B. K. Bhavathrathan	A, PA2	A01-018
CE3040	Basic Structural Steel Design	3-1-0-4	Yes		Anil Kumar	C, M2	A01-018
CE3060	Estimation & Construction Management	3-1-0-4	No		Senthilkumar	B, M4	A01-018
CE3080	Hydraulic and Environmental Engineering Laboratory	0-0-3-2	No	Yes	Subhasis Mitra Praveena Gangadharan	PA4	N Civil Lab
CE3100	Internship		No		Gokulnath C		

B. Tech. Civil Engineering Elective Courses, Semester VI

XXXXX	GCE	See B.Tech. GCE Slot Allocation
	PME	
	PME*	See Department PME/ERC Course Page

Indian Institute of Technology Palakkad
Jan – May 2024
B. Tech. Civil Engineering Core Courses, Semester VIII

Code	Course Name	Credits	UG OE?	Prereq	Faculty	Slot	Room No
CE4120	Project II	7	NA			-	-

B. Tech. Civil Engineering Elective Courses, Semester VIII

	PME	
	PME*	See Department PME/ERC Course Page

Indian Institute of Technology Palakkad
Jan – May 2024
Civil Engineering PME & ERC Courses

Code	Course Name	Credits	UG OE/ GCE?	Prereq	Faculty	Slot	Room No	Availability
CE5510	Advanced Concrete Technology	3-0-0-3		Yes	Athira Gopinath	J	A01-018	S6 & S8/MS/PHD
CE5011	Finite Element Applications	3-0-0-3	Yes	Yes	Gokulnath C	**D**, M3	A01-120	S6 & S8/MS/PHD
CE5002	Advanced Mechanics of Structures	3-0-0-3	Yes	Yes	Gokulnath C	I	A01-018	S6 & S8/MS/PHD
CE5003	GIS and Remote Sensing	1-0-3-3	Yes	No	Sarmistha Singh	**D**, PA5	A01-213 N Comp lab CC lab (48)	S6/S8 /MS/Ph.D.
CE5614	Pavement Analysis & Design	3-0-0-3	No	Yes	Veena Venudharan	H	A01-120	S8/MS/PhD
CE5514	Surface Water Hydrology	3-0-0-3	No	Yes	Subhasis Mitra	J	A01-213	S8/MS/PhD
CE5619	Pavement Management Systems	3-0-0-3	No	Yes	Veena Venudharan	**D**, M3	A01-018	S8/MS/PhD
CE5626	Underground Structures	3-0-0-3	No	Yes	Ankesh Kumar	I	A01-120	S6/S8/Ph.D./MS
CE5518	Advanced Reinforced Concrete: Analysis and Design	4-0-0-4	No	Yes	Madhu Karthik M	F	A01-120	S6/S8/M.S./Ph.D.
CE5621	Physico- Chemical Water Treatment Processes	3-0-0-3	No	Yes	Praveena G	F	A01-018	M.S./Ph.D.
CE5621	Biological Process Design for Wastewater Treatment	3-0-0-3	No	Yes	Praveena G	H	A01-018	M.S./Ph.D.
CE 5604	Geosynthetics and Reinforced Soil Structures	3-0-0-3	No	Yes	Divya P. V.	J	A01-120	S6/S8/MS/PhD
CE5006	Foundation Engineering	3-1-0-4	No	Yes	Sudheesh T. K.	**K**,E1	A01-120	S8/MS/PhD
CE5002	Applied soil mechanics	3-1-0-4	No	Yes	Rakesh J. Pillai	**B**,E4	A01-120	S8/MS/PhD
CE5615	Finite ELement Methods in Geotechnical Engineering	3-0-0-3	No	Yes	Gokulnath C Rakesh J PIllai	**D**, M3	A01-120	MS/PhD

Indian Institute of Technology Palakkad
Jan – May 2024
B. Tech. Computer Science Engineering Core Courses, Semester II and IV

Code	Course Name	Credits	UG OE?	Prereq	Faculty	Slot	Room
CS2030	Data Structures and Algorithms	3-0-0-3	Yes*	Yes	Krithika Ramaswamy	**B**	A01-002
CS2130	Data Structures and Algorithms Lab	0-0-3-2	No	Yes	Deepak Rajendraprasad, Srimanta Bhattacharya	**PA4**	A01-Comp Lab1 (100 seater lab)
CS3060	Computer Architecture	3-0-0-3	Yes**	Yes	Sandeep Chandran	**G**	A01-Aud
CS3160	Computer Architecture Lab	0-0-3-2	Yes**	Yes	Sandeep Chandran	**PA2**	A01-Comp Lab1 (100 seater lab)
DS2020	Introduction to Artificial Intelligence	3-0-2-4	No	Yes	C K Narayanan	**C+** **PA3**	A01-002 A01-Comp Lab1 (100 seater lab)

* Max 10 students outside CSE

** Max 5 students outside CSE

Indian Institute of Technology Palakkad
Jan – May 2024
B. Tech. Computer Science Engineering Core Courses, Semester VI

Code	Course Name	Credits	UG OE?	Prereq	Faculty	Slot	Room
CS3020	Database Management Systems	3-0-0-3	No		Koninika Pal	A	A01-002
CS3120	Database Management Systems Lab	0-0-3-2	No		Sahely Bhadra, Koninika Pal	PA1	A01-Comp Lab1 (100 seater lab)
CS3040	Compiler Design	3-0-0-3	No		Unnikrishnan Cheramangalath	D+E5	A01-102
CS3140	Compiler Design Lab	0-0-3-2	No		Unnikrishnan Cheramangalath	PA5	A01-Comp Lab1 (100 seater lab)
CS3100	Internship	CWC	No		Vivek Chaturvedi	-	-
CS2180*	Artificial Intelligence Lab	0-0-3-2	No		C K Narayanan	C+PA3	Same as DS2020
CS2060*	Computer Organisation	3-0-0-3	No		Sandeep Chandran	G	Same as CS3060
CS2160*	Computer Organisation Lab	0-0-3-2	No		Sandeep Chandran	PA2	Same as CS3160

*Course in 2017 curriculum, Contact course for students with backlog

B. Tech. Computer Science Engineering Elective Courses, Semester VI

XXXXX	GCE	See B.Tech. GCE Slot Allocation
	PME	
	PME*	See Department PME/ERC Course Page

Indian Institute of Technology Palakkad
Jan – May 2024
B. Tech. Computer Science Engineering Core Courses, Semester VIII

Code	Course Name	Credits	UG OE?	Prereq	Faculty	Slot	Room No
CS4120	Project II				Deepak Rajendraprasad, Srimanta Bhattacharya	-	

B. Tech. Computer Science Engineering Elective Courses, Semester VIII

XXXXX	GCE	See B.Tech. GCE Slot Allocation
	PME*	See Department PME/ERC Course Page

Indian Institute of Technology Palakkad
Jan – May 2024
Computer Science Engineering PME & ERC Courses

Code	Course Name	Credits	UG OE/GCE?	Prereq	Faculty	Slot	Room No	Availability
CS5016	Computational Methods and Applications	2-0-3-4	No		Albert Sunny	**PA4**+E4	N Comp. Lab CS Lab (70)	BTech CSE S4, S6, S8, MCaM, MSoCD, MS, PhD
CS5014	Foundations of Data Science and Machine Learning	3-0-0-3	No		Deepak Rajendraprasad	**F**	A01-102	BTech CSE S6, S8, MCaM, MDS, MS, PhD
CS5616	Computational Complexity	3-0-0-3	No		Dinesh Krishnamoorthy	**B**	A01-102	BTech CSE S6, S8, MCaM, MS, PhD
CS5003	Parameterized Algorithms	3-0-0-3	No		Krithika Ramaswamy	**H**	A01-102	BTech CSE S6, S8, MCaM, MS, PhD
CS5633	Model Checking	3-0-2-4	Yes		Jasine Babu	**C** (Theory) + E2 (Lab)	A01-102 A01-Comp Lab1(100 seater lab)	BTech CSE S4, S6, S8, MCaM, MSoCD, MS, PhD
CS5639	Topics in Networks	1-0-3-3	No		Anish Hirwe	**PA2**+ E2	A01-Comp lab 2 (35) A01-102	BTech CSE S8, MSoCD, MS, PhD
CS5510	Compiler Optimizations and Program Analysis	3-0-0-3	No		Unnikrishnan Cheramangalath	**L**	A01-102	BTech CSE S8, MSoCD, MS, PhD
CS5638	Quantum Computing	3-0-0-3	No		Dinesh Krishnamoorthy, Srimanta Bhattacharya	**E** (for registration) (contact instructors for further details on lecture timings)	A01-212	BTech CSE S6, S8, MCaM, MS, PhD
CS5010	Graph Theory and Combinatorics	3-0-0-3	Yes	Yes	Srimanta Bhattacharya	**I**	A01-102	BTech CSE S4, MS, PhD
CS5002	Functional Programming	3-0-0-3	Yes		Piyush Kurur	**B**	A01-212	BTech CSE S4, S6, S8, MCaM, MSoCD, MS, PhD

Code	Course	L-T-P-C			Instructor	Slot	Room	Programme
DS5102	Big Data Lab	1-0-3-3	No		Nikhil Krishnan	PM3	A01-Comp Lab 1 (100 seater)	BTech CSE S6, S8
DS3040	Deep Learning	3-0-3-5	No		Mrinal Das	G and PM5 (tentative)	A01-102 A01-Comp Lab 1 (100 seater lab)	BTech CSE S6, S8
DS6004	Responsbile AI	3-0-0-3	No		Sahely Bhadra	L	A01-001	BTech CSE S6, S8
EE5605	Error-Correcting Codes for Communications and Distributed Systems	3-0-0-3	No		Nikhil Krishnan	F	A01-001	BTech CSE S6, S8
CS5642M	Introduction To Machine Learning	3-0-0-3	-	-	NPTEL	-	-	BTech CSE S6, S8, MCaM (OE), MSoCD
CS5643M	Reinforcement Learning	3-0-0-3	-	-	NPTEL	-	-	BTech CSE S6, S8, MCaM (OE), MSoCD
CS5637M	Secure Computation: Part I	3-0-0-3	-	-	NPTEL	-	-	BTech CSE S6, S8
CS4608M	Cloud Computing	3-0-0-3	-	-	NPTEL	-	-	BTech CSE S6, S8
CS5XXX	GPU Architectures and Programming	3-0-0-3	-	-	NPTEL	-	-	BTech CSE S6, S8, MSoCD

Indian Institute of Technology Palakkad
Jan – May 2024
B. Tech. Data Science Core Courses, Semester II

Code	Course Name	Credits	UG OE?	Prereq	Faculty	Slot	Room
DS2020	Introduction to Artificial Intelligence	3-0-2-4	No	Yes	Narayanan	**C** and PA3	A01-002 A01-Comp Lab1 (100 seater lab)
DS2040	Computer Systems for Data Science	3-0-3-5	No	Yes	Satyajit Das	**B** and PA5	A01-001 A01- Comp Lab2 (35)
DS3020	Database Systems	3-0-3-5	No	Yes	Koninika, Sahely	**A** and PA1	A01-002 A01-Comp Lab1 (100 seater lab)

Indian Institute of Technology Palakkad
Jan – May 2024
B. Tech. Electrical Engineering Core Courses, Semester II and IV

Code	Course Name	Credits	UG OE?	Prereq	Faculty	Slot	Room
EE3060A	Control Engineering	3-0-2-4	No	Yes	Sneha Gajbhiye	**B** PA2 (alternate weeks)	A01-103 N Electron. Lab
EE2040A	Analog Circuits Theory and Lab	3-0-2-4	No	Yes	Arvind	**A** PA2 (alternate weeks)	A01-103 N Electron. Lab
EE2080	Microprocessor Systems Design and Interfacing	3-0-2-4	No	Yes	Vijay Muralidharan	**D+** PA4	A01-103 N Electron. Lab
EE3020A	Digital Signal Processing	3-0-0-3	**Yes**	Yes	M Sabarimalai Manikandan	**C**	A01-Aud
EE2040	Analog Circuits Theory (contact mode)	3-1-0-4	No	Yes	Arvind	A	A01-103
EE3150	Analog Circuits Lab (contact mode)	0-0-3-2	No	Yes	Arvind	PA2 (alternate weeks)	N Electron. Lab

*Contact mode courses for students from senior batches who have not completed these course requirements

Indian Institute of Technology Palakkad
Jan – May 2024
B. Tech. Electrical Engineering Core Courses, Semester VI

Code	Course Name	Credits	UG OE ?	Prereq	Faculty	Slot	Room
EE3020	Digital Signal Processing	3-1-0-4	No	Yes	M. Sabarimalai Manikandan	**C+** M5	A01-Aud
EE3040	Power Systems	3-1-0-4	No	Yes	Manas Kumar Jena	**A+** M1	A01-119
EE3060	Control Engineering	3-1-0-4	No	Yes	Shaikshavali Chitraganti	**B+** M3	A01-119
EE3120	Communication Systems and Microwave Laboratory	0-0-3-2	No	Yes	Jobin Francis Sukomal Dey	**PA1**	N Electron. Lab
EE3140	Measurements and Instrumentation Laboratory	0-0-3-2	No	Yes	Sreenath Vijayakumar	**PA5**	N Electron. Lab

B. Tech. Electrical Engineering Elective Courses, Semester VI

XXXXX	GCE	See B.Tech. GCE Slot Allocation
	PME	See Department PME/ERC Course Page
	PME*	

Indian Institute of Technology Palakkad
Jan – May 2024
B. Tech. Electrical Engineering Core Courses, Semester VIII

Code	Course Name	Credits	UG OE ?	Prereq	Faculty	Slot	Room No
XXXXX	General Category Elective	3-0-0-3	-		See B.Tech. Common Courses Slot Allocation		
EE4120	Project II	0-0-11-7		Yes	Shaikshavali Chitraganti		

B. Tech. Electrical Engineering Elective Courses, Semester VIII

Code	Course Name	Details
XXXXX	GCE	See B.Tech. GCE Slot Allocation
	PME*	See Department PME/ERC Course Page

Indian Institute of Technology Palakkad
Jan – May 2024
Electrical Engineering PME & ERC Courses

Code	Course Name	Credits	UG OE/ GCE?	Prereq	Faculty	Slot	Room No	Availability
EE5518	Nanoelectronic Devices	3-0-0-3	No	Yes	Revathy Padmanabhan	**H**	A01-103	BTech(EE) S2/S4/S6/S8, MTech(SoCD) S2/S4, MS, PhD, as long as they meet the prerequisite
EE5606	Micro and Nanoscale Devices Laboratory	0-0-3-2	No	Yes	Revathy Padmanabhan	**E*** (for registration) (contact instructor for further details on elective lab timings)	Nila CIF-CMFF	BTech(EE) S2/S4/S6/S8, MTech(SoCD) S2/S4, MS, PhD, as long as they meet the prerequisite
EE5516	VLSI Architectures for signal processing and machine learning	2-0-2-3	No	Yes	Subrahmanyam Mula	**D + PA3**	A01-119 + N Electronics Lab	BTech(EE) S6/S8, MTech(SoCD) S2/S4, MS, PhD, as long as they meet the prerequisite
EE5519	Wireless Communication	3-0-0-3	No	Yes	Jobin Francis	**K**	A01-103	BTech EE S6/S8 and MS/Ph.D.
EE5525	Sensors and Signal Conditioning Circuits	3-0-0-3	No	Yes	Sreenath Vijayakumar	**K**	A01-119	BTech EE S6/S8, MTech(PEPS and SoCD) and MS/Ph.D.
EE5003	RF and Microwave Passive Circuits	3-0-0-3	Yes	Yes	Sukomal Dey	**L**	A01-119	BTech(EE) S4/S6/S8, MTech (SoCD) S2/S4, MS, PhD

EE5605	Error-Correcting Codes for Communications and Distributed Systems	3-0-0-3	No	Yes	Nikhil Krishnan M	**F**	A01-001	S6/S8 BTech (EE/CS/DS), MTech (DS/CAM), MS (EE/CS/DS), PhD (EE/CS/DS)
EE5514	Renewable Energy Systems	3-0-03	No	Yes	Naga Brahmendra	**B**	A01-214	S8 (UGEE), MS/PhD (EE)
EE5521	Optimal control	3-0-0-3	No	Yes	Shaikshavali Chitraganti	**I**	A01-214 or C06-1	MS/PhD

*EE5606 is an elective lab course. It is slotted in E for registration purposes.
Students may please contact the course instructor for further details about the lab timings

Indian Institute of Technology Palakkad
Jan – May 2024
B. Tech. Mechanical Engineering Core Courses, Semester II and IV

Code	Course Name	Credits	UG OE?	Prereq	Faculty	Slot	Room
ME2010	Fluid Mechanics Theory and Practice	3-0-2-4	Yes	No	Ganesh Natarajan Krishna S	**B**+ PA3	A01-202 D-03
ME2030A	Manufacturing Processes-I	3-0-0-3	Yes	Yes	Dinesh Setti	**A**	A01-202
ME2012	Mechanics of Solids: Theory and Practice	3-0-2-4	Yes	Yes	KVN Surendra	**C**+ PA1	A01-202 D-03

Indian Institute of Technology Palakkad
Jan – May 2024
B. Tech. Mechanical Engineering Core Courses, Semester VI

Code	Course Name	Credits	UG OE/ GCE?	Prereq	Faculty	Slot	Room
ME3020	Applied Thermo-Fluids Engineering	4-0-0-4	Yes	Yes	Anand T N C	**A**+E2	A01-118
ME3040	Mechanical Vibrations	3-0-0-3		Yes	Anoop Akkoorath Mana	**B**	A01-118
ME3060	Machine Design Practice	3-0-0-3	Yes	Yes*	Santhakumar Mohan	**C**	A01-118
ME3080	Automation in Manufacturing	3-0-0-3		No	D Chakradhar	**H**	A01-118
ME3100	Internship	CWC		No	Vineed Narayanan	**-**	
ME3180	Mechanical Engineering Laboratory 2	0-0-3-2		No	Vineed Narayanan Pramod K	**PA1**	N Mech Lab

* Maximum 7 OE students, CoT rquired for prerequisite waiver

B. Tech. Mechanical Engineering Elective Courses, Semester VI

XXXXX	GCE	See B.Tech. GCE Slot Allocation
	PME*	See Department PME/ERC Course Page

Indian Institute of Technology Palakkad
Jan – May 2024
B. Tech. Mechanical Engineering Core Courses, Semester VIII

Code	Course Name	Credits	UG OE/ GCE?	Prereq	Faculty	Slot	Room No
ME4160	Project II	0-0-11-7		Yes	Krishna S (coordinator)	-	-

B. Tech. Mechanical Engineering Elective Courses, Semester VIII

	PME	
	PME*	See Department PME/ERC Course Page

Indian Institute of Technology Palakkad
Jan – May 2024
Mechanical Engineering PME & ERC Courses

Code	Course Name	Credits	UG OE/ GCE?	Prereq	Faculty	Slot	Room No	Availability
ME5617	Wheeled Mobile Robots	3-0-0-3	Yes	No	Santhakumar Mohan	D+E1	A01-118	S6/S8/M.S/Ph.D
ME4502	Aerospace Propulsion	3-0-0-3	Yes	Yes	T Sundararajan	K	A01-118	S4/S6/S8
ME5610	Soft Computing	3-0-0-3	Yes	No	D Chakradhar Samarjeet Chanda	L	A01-118	S4/S6/S8/M.Tech. /M.S/Ph.D
ME5620	Advanced Heat Transfer	3-0-0-3	No	Yes	Samarjeet Chanda Pramod K	D+E1	A01-101	M.Tech./M.S./Ph. D.
ME5619	Combustion	3-0-0-3	No	No	Krishna S	I	A01-101	M.Tech./M.S./Ph. D.
ME5628	Lean Manufacturing	2-0-2-3	Yes	Yes	Girish Govande (ACMA) / D Chakradhar (coordinator)	F	A01-118	S6/S8/M.Tech (MME)/PhD
ME5626	Advanced Refrigeration and Air Conditioning	3-0-0-3	Yes	Yes	Vineed Narayanan Pramod K	L	A01-202	S6/S8/M.S/Ph.D
ME5618	Additive Manufacturing	3-0-03	Yes	Yes	Buchibabu Vicharapu	L	A01-101	S6/S8/M.S/M. Tech/Ph.D
ME5634	Fundamentals of micro-nano manufacturing	2-0-2-3	Yes	Yes	Afzaal Ahmed	K+ PA3	A01-101 N Mech Lab	S8/M.Tech./M.S. /Ph.D.

Indian Institute of Technology Palakkad
Jan – May 2024
MSc Chemistry Core Courses, Semester II

Code	Course Name	Credits	UG OE/ GCE	Prereq	Faculty	Slot	Room
CY5002	Chemistry of Materials	3-0-0-3	No	Yes	Yugender Goud Kotagiri	F	N 303
CY5004	Molecular Dynamics and Basic Statistical Thermodynamics	3-0-0-3	No	No	Debarati Chatterjee	K	N 303
CY5006	Elucidation of Molecular Structure	3-0-0-3	No	Yes	Yuvaraj K	A	N 303
CY5008	Reaction Mechanisms	3-0-0-3	No	Yes	Mintu Porel	G	N 303
CY5102	Synthesis, Energetics and Dynamics Lab 2	0-0-2-2 (chk)	No	No	Supratik Sen Majumdar	PA5	A01-CY Lab
CY5104	Synthesis, Energetics and Dynamics Lab 3	0-0-2-2 (chk)	No	No	Sushabhan Sadhukhan	PM3	A01-CY Lab

MSc Chemistry Other Courses, Semester II

Code	Course Name	Credits	UG OE/ GCE	Prereq	Faculty	Slot	Room
GN6001	Research Methodology and Professional Ethics	2-0-0-0	-	-		EML	

Indian Institute of Technology Palakkad
Jan – May 2024
MSc Chemistry Core Courses, Semester IV

Code	Course Name	Credits	UG OE/ GCE?	Prereq	Faculty	Slot	Room
CY5120	Major Project		No	Yes	Abdul Rasheed	-	-

MSc Chemistry Elective Courses, Semester IV

	Elective II	
	Elective III	See Elective Course Page
	Elective IV	

Indian Institute of Technology Palakkad
Jan – May 2024
MSc Chemistry PSE/OE/SRC Courses

Code	Course Name	Credits	UG OE/ GCE?	Prereq	Faculty	Slot	Room No	Availability
CY5611	Supramolecular Chemistry	3-0-0-3	No	No	Shanmugaraju Sankarasekaran	**F**	N306	
CY5610	Principles of Chemical Biology	3-0-0-3	No	No	Sushabhan Sadhukhan	**K**	N306	
CY5603	Chemistry of Mixing Separation and Analysis	3-0-0-3	No	Yes	Dinesh Jagadeesan	**L**	N306	
CY5503	Transition Metal Organometallics in Catalysis and Biology (NPTEL)				Mintu Porel			

Indian Institute of Technology Palakkad
Jan – May 2024
MSc Mathematics Core Courses, Semester II

Code	Course Name	Credits	UG OE/ GCE	Prereq	Faculty	Slot	Room
MA5002	Multivariable Calculus	4-0-0-4	No	Yes	Sarath Sasi	H, E4	N 308
MA5004	Measure Theory	4-0-0-4	No	Yes	V Muruganandam	A, M3	N 308
MA5006	Fields and Modules	4-0-0-4	No	Yes	Parangama Sarkar	G, Q	N 308
MA5008	Topology	4-0-0-4	No	Yes	Jaikrishnan J (coordinator)	F, E2	N 308
MA5010	Complex Analysis	4-0-0-4	No	Yes	G P Balakumar	C, M1	N 308

Indian Institute of Technology Palakkad
Jan – May 2024
MSc Mathematics Core Courses, Semester IV

Code	Course Name	Credits	UG OE/ GCE?	Prereq	Faculty	Slot	Room
MA5120	Project Level 2	6-0-0-6	No		Arpan Kabiraj	N/A	

MSc Mathematics Other Courses, Semester IV

Code	Course Name	Credits	UG OE/ GCE?	Prereq	Faculty	Slot	Room
GN6001	Research methodology and professional ethics	2-0-0-0				EML	
	Elective IV **						
	Elective V				See Elective Course Page		
	Elective VI/Project Level 2						
	Elective VII/Project Level 2						

** A student is allowed to take a maximum of one course in the open elective (OE) category in place of PSE.

Indian Institute of Technology Palakkad
Jan – May 2024
MSc Mathematics PSE/OE/SRC Courses

Code	Course Name	Credits	UG OE/GCE?	Prereq	Faculty	Slot	Room No	Availability
MA6605	Operator Theory	3-0-0-3	No	Yes	C R Jayanarayanan	**F**	N305	
EE5517	Information Theory and Statistics	3-0-0-3	No	Yes	M Ashok Kumar	**B**	N308	
MA6010	Advanced Partial Differential Equations	3-0-0-3	No	Yes	Gopikrishnan C R	**G**	N305	
MA6008	Lie Groups and Lie Algebras	3-0-0-3	No	Yes	Jaikrishnan J (coordinator)	**L**	N308	
CS5016	Computational Methods and Applications	2-0-3-4	No		Albert Sunny	**PA4**+ E4	N Comp Lab CS Lab (70)	
CS5010	Graph Theory and Combinatorics	3-0-0-3	Yes	Yes	Srimanta Bhattacharya	**I**	A01-102	
CS5014	Foundations of Data Science and Machine Learning	3-0-0-3	No		Deepak Rajendraprasad	**F**	A01-102	
CS5616	Computational Complexity	3-0-0-3	No		Dinesh Krishnamoorthy	**B**	A01-102	
MA5xxx	Financial Derivatives & Risk Management	NPTEL						
MA5xxx	Fourier Analysis and its Applications	NPTEL						
MA5xxx	Numerical Analysis	NPTEL						

Indian Institute of Technology Palakkad
Jan – May 2024
MSc Physics Core Courses, Semester II

Code	Course Name	Credits	UG OE/ GCE	Prereq	Faculty	Slot	Room
PH5008	Quantum Mechanics 2	3-0-0-3	No	Yes	Kusum Dhochak	**C**	N 301
PH5002	Atomic and Molecular Physics	3-0-0-3	No	Yes	Jayakumar Balakrishnan	**A**	N 301
PH5004	Electronics and Instrumentation	2-0-3-4	No		Swaroop Sahoo	**D** PM2	N 301 Nila E. Lab
PH5006	Statistical Mechanics	3-1-0-4	No		Bibhu Ranjan Sarangi	**B**	N 301
PH5102	Msc Physics Lab 2 Thermal Physics and Atomic Spectroscopy Lab	0-0-3-2	No		Jayakumar Balakrishnan Kusum Dhochak	**PA4**	A01-Phy Lab

MSc Physics Other Courses, Semester II

Code	Course Name	Credits	UG OE/ GCE	Prereq	Faculty	Slot	Room
GN6001	Research Methodology and Professional Ethics	2-0-0-0	-	-		EML	
HSxxxx	Humanities Elective	3-0-0-3	See HSE/HSS Course Page				

Indian Institute of Technology Palakkad
Jan – May 2024
MSc Physics Core Courses, Semester IV

Code	Course Name	Credits	UG OE/ GCE?	Prereq	Faculty	Slot	Room
PH5120	Project II	0-0-12-8	No	Yes	Soham Manni	-	-

MSc Physics Elective Courses, Semester IV

	Elective III (OE)	See Elective Course Page
	Elective IV (PSE)	

Indian Institute of Technology Palakkad
Jan – May 2024
MSc Physics PSE/OE/SRC Courses

Code	Course Name	Credits	UG OE/ GCE?	Prereq	Faculty	Slot	Room No	Availability
PH5611	Softmatter Physics	3-0-0-3	No	Yes	Vishwas V	**F**	N301	
PH5618	Introduction to Computational Physics	2-0-2-3	Yes	No	Akshay Bhatnagar	**D+** PA3	N306 N Comp. Lab CC Lab (48)	
PH5622	Introduction to Astrophysics	3-0-0-3	Yes*	No	Projjwal Banerjee	**G**	N 301	
PH6003	Magnetism in Materials	3-0-0-3	No	Yes	Soham Manni	**H**	N 301	
PHxxxx	Many Body Physics : Technqiues and Applications (pending approval)	3-0-0-3	No	Yes	Prithvi Narayan P	**K**	N301	

* Only as GCE for BTech S6 and S8

Indian Institute of Technology Palakkad
Jan – May 2024
Humanities & Social Sciences HRC Courses

Code	Course Name	Credits	UG OE/ GCE?	Prereq	Faculty	Slot	Room No	Availability
HS	Contemporary Issues in Economic Development	3-0-0-3	Yes		Amrita Roy	G	A01-120	
HS6009	Gender Question in India	3-0-0-3	No		G. Sujatha	J	N305/ C06-2	
HS6xxx	Formal and Non-Formal School Education in India* (yet to be approved)	3-0-0-3	No		Rahul Choragudi	I	N305/ C06-2	
HS6xxx	The Ethnographic Film	3-0-0-3	No		Rahul Choragudi	K	N305/ C06-2	

Indian Institute of Technology Palakkad
Jan – May 2024
M.Tech. in Computing and Mathematics Core Courses, Semester II

Code	Course Name	Credits	UG OE/ GCE	Prereq	Faculty	Slot	Room
CS5016	Computational Methods and Applications	2-0-3-4	No	Yes	Albert Sunny	**PA4**+E4	N Comp Lab CS Lab (70)
CS5010	Graph Theory and Combinatorics	3-0-0-3	Yes	Yes	Srimanta Bhattacharya	I	A01-102
CS5014	Foundations of Data Science and Machine Learning	3-0-0-3	No	Yes	Deepak Rajendraprasad	F	A01-102

M.Tech. in Computing and Mathematics Elective/Other Courses, Semester II

Code	Course Name	Credits	UG OE/ GCE	Prereq	Faculty	Slot	Room
	PME				See Elective Course Page		
	OE						

Indian Institute of Technology Palakkad
Jan – May 2024
M.Tech. in Computing and Mathematics Core Courses, Semester IV

Code	Course Name	Credits	UG OE/ GCE?	Prereq	Faculty	Slot	Room
CM5120	Project / Dissertation Phase 2	0-0-18-12			Albert Sunny	-	-

Indian Institute of Technology Palakkad
Jan – May 2024
M.Tech. in Computing and Mathematics PE/OE/ERC Courses

Code	Course Name	Credits	UG OE/ GCE?	Prereq	Faculty	Slot	Room No
CS5616	Computational Complexity	3-0-0-3	No	Yes	Dinesh Krishnamoorthy	**B**	A01-102
CS5003	Parameterized Algorithms	3-0-0-3	No	Yes	Krithika Ramaswamy	**H**	A01-102
CS5633	Model Checking	3-0-2-4	Yes	Yes	Jasine Babu	**C** (Theory) + E2 (Lab)	A01-102 A01-Comp Lab 1 (100 seater)
CS5638	Quantum Computing	3-0-0-3	No	Yes	Dinesh Krishnamoorthy, Srimanta Bhattacharya	**E** (for registration) (contact instructors for further details on lecture timings)	A01-212
CS5002	Functional Programming	3-0-0-3	Yes	Yes	Piyush Kurur	**B**	A01-212
CS5642M	Introduction To Machine Learning (OE)	3-0-0-3	-	-	NPTEL	-	-
CS5643M	Reinforcement Learning (OE)	3-0-0-3	-	-	NPTEL	-	-

Indian Institute of Technology Palakkad
Jan – May 2024
M. Tech. Data Science Core Courses, Semester II

Code	Course Name	Credits	UG OE/ GCE	Prereq	Faculty	Slot	Room
DS3040	Deep Learning	3-0-3-5	Yes*	Yes	Mrinal Das	**G** and PM5 (tentative)	A01-102 A01-Comp Lab 1 (100 seater lab)
DS5102	Big Data Lab	1-0-3-3	Yes**	No	Nikhil Krishnan	**PM3**	A01-Comp Lab 1 (100 seater lab)

M. Tech. Data Science Elective/Other Courses, Semester II

Code	Course Name	Credits	UG OE/ GCE	Prereq	Faculty	Slot	Room
	PME I						
	PME II		See Elective Course Page				
	PME III						

*10 students outside Data Science discpline

** Total cap is 30 (20 MDS students and 10 students from other branches UG/PG/PhD)

Indian Institute of Technology Palakkad
Jan – May 2024
M. Tech. Data Science Core Courses, Semester IV

Code	Course Name	Credits	UG OE/ GCE?	Prereq	Faculty	Slot	Room
DS5120	Project (phase 2)	10			Mrinal Das		

M. Tech. Data Science Other Courses, Semester IV

Code	Course Name	Credits	UG OE/ GCE	Prereq	Faculty	Slot	Room

Indian Institute of Technology Palakkad
Jan – May 2024
M. Tech. Data Science PE/OE/ERC Courses

Code	Course Name	Credits	UG OE/ GCE?	Prereq	Faculty	Slot	Room No	Availability
DS5608	Time Series Modeling and Analysis	3-0-0-3	No	Yes	Prof. Varahan (online) Sahely Bhadra (local Coordinator)	J (please chk with coordinator for timings)	A01-001	total cap is 40 (20 MDS students, and 20 students from other branches, S6/S8/PG and PhD)
DS6004	Responsbile AI		No	Yes	Sahely Bhadra	L	A01-001	total cap is 20 (open to all branches, S6/S8/PG and PhD)
DSXYZ	Business Analytics	3-0-0-3	No	Yes	Prof. Anand and Shovan from IIMK, local coordinator - CKN	I only Monday H, I, J	A01-001	total cap is 30 (20 MDS and 10 students open to all branches S8/PG/PhD)
EE5605	Error Correcting Codes	3-0-0-3			Nikhil Krishnan	F	A01-001	

Indian Institute of Technology Palakkad
Jan – May 2024
M. Tech- Geotechnical Engineering Core Courses, Semester II

Code	Course Name	Credits	UG OE/GCE	Prereq	Faculty	Slot	Room
CE5002	Applied soil mechanics	3-1-0-4	No		Rakesh J. Pillai	**B**,E4	A01-120
CE5006	Foundation Engineering	3-1-0-4	No		Sudheesh T. K.	**K**,E1	A01-120
CE5004	Experimental Geotechnics	0-0-3-2	No		Ankesh Kumar	PM4	N Civil lab

M.Tech. Geotechnical Engineering Other Courses, Semester II

Code	Course Name	Credits	UG OE/GCE	Prereq	Faculty	Slot	Room
GN6001	Research Methodology and Professional Ethics	2-0-0-0				EML	
CExxxx	Dept. Elective 1						
CExxxx	Dept. Elective 2			See Elective Course Page			
CExxxx	Dept. Elective 3						

Indian Institute of Technology Palakkad
Jan – May 2024
M. Tech in Geotechnical Engineering Core Courses, Semester IV

Code	Course Name	Credits	UG OE/ GCE?	Prereq	Faculty	Slot	Room
CE5120	Project Stage 2 (Sem 4)	0-0-0-12			Ankesh Kumar		

Indian Institute of Technology Palakkad
Jan – May 2024
M. Tech in Geotechnical Engineering PE/OE/ERC Courses

Code	Course Name	Credits	UG OE/ GCE?	Prereq	Faculty	Slot	Room No	Availability
CE5626	Underground Structures	3-0-0-3	No		Ankesh Kumar	I	A01-120	
CE 5604	Geosynthetics and Reinforced Soil Structures	3-0-0-3	No		Divya P. V.	J	A01-120	
CE5615	Finite ELement Methods in Geotechnical Engineering	3-0-0-3	No		Gokulnath C and Rakesh J PIllai	**D**, M3	A01-120	
CE5614	Pavement Analysis & Design	3-0-0-3	No		Veena Venudharan	H	A01-120	

Indian Institute of Technology Palakkad
Jan – May 2024
M.Tech. in Manufacturing and Materials Engineering Core Courses, Semester II

Code	Course Name	Credits	UG OE/ GCE	Prereq	Faculty	Slot	Room
ME5004	Mechanical Behaviour of Materials	3-0-0-3	No	Yes	Kesavan D	**A**	A01-101
ME5002	Computer Aided Metrology	3-0-0-3	No	Yes	S Kanmani Subbu	**B**	A01-101
ME5101	Modeling and Simulation Laboratory	1-0-2-3		Yes	S Kanmani Subbu	M2+**PA1**	A01-101 N Comp Lab CC Lab (48)

M.Tech. in Manufacturing and Materials Engineering Other Courses, Semester II

Code	Course Name	Credits	UG OE/ GCE	Prereq	Faculty	Slot	Room
GN6001	Research Methodology and Professional Ethics	2-0-0-0		No	Anand TNC	EML ?	
	PME 1						
	PME 2		See Elective Course Page				
	PME 3						

Indian Institute of Technology Palakkad
Jan – May 2024
M.Tech. in Manufacturing and Materials Engineering Core Courses, Semester IV

Code	Course Name	Credits	UG OE/ GCE?	Prereq	Faculty	Slot	Room
ME5120	Project II	0-0-0-12	No	Yes	Dinesh	-	

M.Tech. in Manufacturing and Materials Engineering Elective Courses, Semester IV

Indian Institute of Technology Palakkad
Jan – May 2024
M.Tech. in Manufacturing and Materials Engineering PE/OE/ERC Courses

Code	Course Name	Credits	UG OE/ GCE?	Prereq	Faculty	Slot	Room No	Availability
ME5620	Advanced Heat Transfer	3-0-0-3		Yes	Samarjeet Chanda	**D**+E1	A01-101	M.Tech./M.S./Ph.D.
ME5610	Soft Computing	3-0-0-3	Yes	No	D Chakradhar Samarjeet Chanda	**L**	A01-118	S4/S6/S8/M.Tech./M.S/Ph.D
ME5618	Additive Manufacturing	3-0-0-3	Yes	Yes	Buchibabu	**L**	A01-101	S6/S8/M.S/M.Tech/Ph.D
ME5628	Lean Manufacturing	2-0-2-3	Yes	Yes	Girish Govande (ACMA) / Chakradhar	**F**	A01-118	S6/S8/M.Tech (MME)/PhD
ME5634	Fundamentals of micro-nano manufacturing	2-0-2-3	Yes	Yes	Afzaal Ahmed	**K**+PA3	A01-101 N Mech Lab	s8/M.Tech./M.S./Ph.D.
ME5632	Computational Methods for Inverse Problems	3-0-0-0	Yes	Yes	Arijit Hazra	**G** (GCE)	A01-101	S6/S8/M.S/Ph.D

Indian Institute of Technology Palakkad
Jan – May 2024
M.Tech. in Power Electronics and Power Systems Core Courses, Semester II

Code	Course Name	Credits	UG OE/ GCE	Prereq	Faculty	Slot	Room
EE5015	Power Converters - modulation, control and applications	3-0-0-3	No	Yes	Anirudh Guha	A	A01-214
EE5103	Power converters design lab	0-0-3-2	No	Yes	Naga Brahmendra	PA5	N Machines Lab
EE5105	Power Electronics simulation lab	0-0-3-2	No	Yes	Anirudh Guha	PM2	N Comp Lab CC Lab (48)
EE5101	Power systems simulation lab	0-0-3-2	No	Yes	Manas Kumar Jena	PM4	N Comp Lab CC Lab (48)

M.Tech. in Power Electronics and Power Systems Elective/Other Courses, Semester II

Code	Course Name	Credits	UG OE/ GCE	Prereq	Faculty	Slot	Room
	Program Elective 2						
	Program Elective 3			See Elective Course Page			
	Open Elective						

Indian Institute of Technology Palakkad
Jan – May 2024
M.Tech. in Power Electronics and Power Systems Core Courses, Semester IV

Code	Course Name	Credits	UG OE/ GCE?	Prereq	Faculty	Slot	Room
PE5120	Professional Major Project Phase 2	0-0-0-12	No		Naga Brahmendra		

Indian Institute of Technology Palakkad
Jan – May 2024
M.Tech. in Power Electronics and Power Systems PE/OE/ERC Courses

Code	Course Name	Credits	UG OE/GCE?	Prereq	Faculty	Slot	Room No	Availability
EE5523	Electric Drives	3-0-0-3	No	Yes	Arun Rahul S	C	A01-214	Mtech PEPS/ MS/PhD
EE5525	Sensors and Signal Conditioning Circuits	3-0-0-3	No	Yes	Sreenath Vijayakumar	K	A01-119	Mtech PEPS/Mtech SoCD/UGEES6/UGEES8/MS/PhD
EE5514	Renewable Energy Systems	3-0-0-3	No	Yes	Naga Brahmendra	B	A01-214	Mtech PEPS/ UGEES8 / MS/PhD

Indian Institute of Technology Palakkad
Jan – May 2024
M.Tech. in System-on-Chip Design Core Courses, Semester II

Code	Course Name	Credits	UG OE/ GCE	Prereq	Faculty	Slot	Room
CS5102	SoC Design Lab	1-0-3-3	No		Vivek Chaturvedi	**PM4** + M4	N Electron. Lab
SD5190	Mini project	0-0-5-3			Subrahmanyam Mula (Coordinator)		

M.Tech. in System-on-Chip Design Elective/Other Courses, Semester II

Code	Course Name	Credits	UG OE/ GCE	Prereq	Faculty	Slot	Room
	Professional Elective 1				See Elective Course Page		
	Professional Elective 2						
	Professional Elective 3						
	Professional Elective 4						

Indian Institute of Technology Palakkad
Jan – May 2024
M.Tech. in System-on-Chip Design Core Courses, Semester IV

Code	Course Name	Credits	UG OE/ GCE?	Prereq	Faculty	Slot	Room
SD5120	M.Tech Thesis/Project Phase 2	0-0-18-12					

Indian Institute of Technology Palakkad
Jan – May 2024
M.Tech. in System-on-Chip Design PE/OE/ERC Courses

Code	Course Name	Credits	UG OE/ GCE?	Prereq	Faculty	Slot	Room No	Availability
EE5518	Nanoelectronic Devices	3-0-0-3	No	Yes	Revathy Padmanabhan	H	A01-103	BTech(EE) S2/S4/S6/S8, MTech (SoCD) S2/S4, MS, PhD, as long as they meet the prerequisite
EE5606	Micro and Nanoscale Devices Laboratory	0-0-3-2	No	Yes	Revathy Padmanabhan	E* (for registration) (contact instructor for further details on lab timings)	Nila CIF-CMFF	BTech(EE) S2/S4/S6/S8, MTech (SoCD) S2/S4, MS, PhD, as long as they meet the prerequisite
EE5516	VLSI Architectures for signal processing and machine learning	2-0-2-3	No	Yes	Subrahmanyam Mula	D + PA3	A01-119 N Electron. Lab	BTech(EE) S6/S8, MTech(SoCD) S2/S4, MS, PhD, as long as they meet the prerequisite
EE5525	Sensors and Signal Conditioning Circuits	3-0-0-3	No	Yes	Sreenath Vijayakumar	K	A01-119	BTech EE S6/S8 and MS/Ph.D.
EE5003	RF and Microwave Passive Circuits	3-0-0-3	Yes	Yes	Sukomal Dey	L	A01-119	BTech(EE) S4/S6/S8, MTech(SoCD) S2/S4, MS, PhD
CS5639	Topics in Networks	1-0-3-3	No	Yes	Anish Hirwe	PA2+E2	A01-Comp lab 2 (35) A01-102	BTech CSE S8, MSoCD, MS, PhD
CS5510	Compiler Optimizations and Program Analysis	3-0-0-3	No	Yes	Unnikrishnan Cheramangalath	L	A01-102	BTech CSE S8, MSoCD, MS, PhD
CS5002	Functional Programming	3-0-0-3	Yes	Yes	Piyush Kurur	B	A01-212	BTech CSE S4, S6, S8, MCaM, MSoCD, MS, PhD
CS5016	Computational Methods and Applications	2-0-3-4	Yes	Yes	Albert Sunny	PA4+E4	N Comp Lab CS Lab (70)	BTech CSE S4, S6, S8, MCaM, MSoCD, MS, PhD

CS5633	Model Checking	3-0-2-4	Yes	Yes	Jasine Babu	**C** (Theory) + E2 (Lab)	A01-102 A01-Comp Lab1(100)	BTech CSE S4, S6, S8, MCaM, MSoCD, MS, PhD
CS5642M	Introduction To Machine Lea	3-0-0-3	-	-	NPTEL	-	-	
CS5643M	Reinforcement Learning	3-0-0-3	-	-	NPTEL	-	-	

*EE5606 is an elective lab course. It is slotted in E for registration purposes.

Students may please contact the course instructor for further details about the lab timings

Ase find Transportation timings wef 27th March 2024

- -

Palakkad City Service to Nila/Sahyadri campuses

Monday to Saturday; Institute holidays (gazetted)

BUS---> From Palakkad: 8.25 AM- Kadamkode – Manapullykavu – Maidaan (Govt. Hospital) - Stadium Bus Stand - Kalmandapam – Chandranagar – Pudussery-- Reach Sahyadri -at 8.55 AM (via Nila gate)

Bus---> Starts at 8.25 AM from Kalleppulley -- Koppam – Sekharipuram - Mattumantha - Via Malampuza – Sahyadri (via Nila gate) at 8.55 AM.

<mark>**Monday to Friday (Only on Institute Working Days)**</mark>
Bus----> From Palakkad: 8.00 AM Kadamkode – Manapullykavu – Maidaan (Govt. Hospital) - Stadium Bus Stand -Kalmandapam – Chandranagar – Pudussery-- Reach Sahyadri (via Nila gate) -at 8.30 AM

BUS--- > Starts at 5.10 PM Sahyadri -- via Nila gate- Pudussery – Kadamkode – Manapullykavu – Maidaan (Govt. Hospital) -Stadium Bus Stand---Palakkad at 5:40 PM (halt)

Bus---> Starts at 5.20 PM Sahyadri -- via **Nila Samgata**-- Malampuzha Road – Mattumantha - Sekharipuram - Koppam – Kalleppulley 5.55 PM (halt).

No city service on Sundays
- -
Between Nila and Sahyadri campuses

(Monday to Friday)

Students are encouraged to commute themselves without waiting for the shuttles though at peak hours and at key time points shuttles are added

Between Nila-C06 block of Sahyadri, students need to commute themselves as it is a short distance

Shuttle for the institute community		
7.45 am	1 Bus	Sahyadri to Nila
8.15 am	1 Bus	Sahyadri to Nila
8.30 am	3 Buses	Sahyadri to Nila
8.30 am	1 Bus (Mon, Wed, Fri) 3 Buses (Tue, Thu)	Nila to Sahyadri
9.00 am	2 Buses	Sahyadri to Nila
9:25 am	1 Bus	Nila to Sahyadri

9.25 am	1 Bus	Sahyadri to Nila

Time	Buses	Route
9:45 am	1 Bus	Nila to Sahyadri
9.45 am	1 Bus	Sahyadri to Nila
10.20 am	2 Buses	Sahyadri to Nila
10.20 am	1 Bus	Nila to Sahyadri
10.45 am	1 Bus	Sahyadri to Nila
10.45 am	1 Bus	Nila to Sahyadri
11:15 am	1 Bus	Sahyadri to Nila
11:15 am	1 Bus	Nila to Sahyadri
11.50 am	1 Bus (Tue, Thu) 3 Buses (Mon, Wed, Fri)	Sahyadri to Nila
11.50 am	2 Buses	Nila to Sahyadri
12.15 pm	1 Bus	Sahyadri to Nila
12.15 pm	1 Bus	Nila to Sahyadri
12.30 pm	2 Buses	Nila to Sahyadri
12.30 pm	2 Buses	Sahyadri to Nila
1.00 pm	2 Buses (Mon, Wed, Fri) 3 Buses (Tue, Thu)	Nila to Sahyadri
1.00 pm	2 Buses	Sahyadri to Nila
1.30 pm	2 Buses	Nila to Sahyadri
1.30 pm	2 Buses	Sahyadri to Nila
1.45 pm	2 Buses	Nila to Sahyadri
1:45 pm	3 Buses	Sahyadri to Nila
2:15 pm	1 Bus	Nila to Sahyadri
2:15 pm	1 Bus	Sahyadri to Nila
2:45 pm	1 Bus	Nila to Sahyadri
2:45 pm	1 Bus	Sahyadri to Nila
3:20pm	1 Bus	Nila to Sahyadri
3:20 pm	1 Bus	Sahyadri to Nila
3:45 pm	1 Bus	Nila to Sahyadri
3:45 pm	1 Bus	Sahyadri to Nila
4:30 pm	1 Bus	Nila to Sahyadri
4:30 pm	1 Bus	Sahyadri to Nila
5:00 pm	1 Bus	Nila to Sahyadri
5:00 pm	1 Bus	Sahyadri to Nila
5:15 pm	3 Buses	Nila to Sahyadri
5:15 pm	2 Buses	Sahyadri to Nila
5:45 pm	1 Bus	Nila to Sahyadri
5:45 pm	1 Bus	Sahyadri to Nila
6:00 pm	1 Bus	Nila to Sahyadri
6:00 pm	1 Bus	Sahyadri to Nila
6:30pm	1 Bus	Nila to Sahyadri
6:30 pm	1 Bus	Sahyadri to Nila
7:00 pm	1 Bus	Nila to Sahyadri
7:00 pm	1 Bus	Sahyadri to Nila
7:30 pm	1 Bus	Nila to Sahyadri
7:30 pm	1 Bus	Sahyadri to Nila
8:00 pm	2 Buses	Nila to Sahyadri

8:00 pm	1 Bus	Sahyadri to Nila
8:30 pm	1 Bus	Nila to Sahyadri

9:00 pm	1 Bus	Nila to Sahyadri
9:15 pm	1 Bus	Sahyadri to Nila
10:00 pm	1 Bus	Nila to Sahyadri
10:15 pm	1 Bus	Sahyadri to Nila
11:00 pm	1 Bus	Nila to Sahyadri
11:15 pm	1 Bus	Sahyadri to Nila
11:00 pm	1 Bus	Nila to Sahyadri
11:15 pm	1 Bus	Sahyadri to Nila
12:00 am	1 Bus	Nila to Sahyadri

Saturday and Institute holidays (gazetted)

8.00 am	1 Bus	Sahyadri to Nila
8.30 am	1 Bus	Sahyadri to Nila
9.00am	1 Bus	Nila to Sahyadri
9.00 am	1 Bus	Sahyadri to Nila
9.30 am	1 Bus	Nila to Sahyadri
9.30 am	1 Bus	Sahyadri to Nila
10.00 am	1 Bus	Nila to Sahyadri
10.00 am	1 Bus	Sahyadri to Nila
10.30 am	1 Bus	Nila to Sahyadri
10.30 am	1 Bus	Sahyadri to Nila
11.00 am	1 Bus	Nila to Sahyadri
11.00 am	1 Bus	Sahyadri to Nila
11.30 am	1 Bus	Nila to Sahyadri
11.30 am	1 Bus	Sahyadri to Nila
12.00 noon	1 Bus	Nila to Sahyadri
12.00 noon	1 Bus	Sahyadri to Nila
12.30 pm	1 Bus	Nila to Sahyadri
12.30 pm	1 Bus	Sahyadri to Nila
1.00 pm	1 Bus	Nila to Sahyadri
1.00 pm	1 Bus	Sahyadri to Nila
1.30 pm	1 Bus	Nila to Sahyadri
1.30 pm	1 Bus	Sahyadri to Nila
2.00 pm	1 Bus	Nila to Sahyadri
2.00 pm	1 Bus	Sahyadri to Nila
2.30 pm	1 Bus	Nila to Sahyadri
2.30 pm	1 Bus	Sahyadri to Nila
3.00 pm	1 Bus	Nila to Sahyadri
3.00 pm	1 Bus	Sahyadri to Nila
3.30 pm	1 Bus	Nila to Sahyadri
3.30 pm	1 Bus	Sahyadri to Nila
4.00 pm	1 Bus	Nila to Sahyadri
4.00 pm	1 Bus	Sahyadri to Nila
4.30 pm	1 Bus	Nila to Sahyadri

4.30 pm	1 Bus	Sahyadri to Nila
5.00 pm	1 Bus	Nila to Sahyadri
5.00 pm	1 Bus	Sahyadri to Nila

5.30 pm	1 Bus	Nila to Sahyadri
5.30 pm	1 Bus	Sahyadri to Nila
6.00 pm	1 Bus	Sahyadri to Nila
6.00 pm	1 Bus	Nila to Sahyadri
6:00 pm	1 Bus	Nila to Sahyadri
6:00 pm	1 Bus	Sahyadri to Nila
6:30pm	1 Bus	Nila to Sahyadri
6:30 pm	1 Bus	Sahyadri to Nila
7:00 pm	1 Bus	Nila to Sahyadri
7:00 pm	1 Bus	Sahyadri to Nila
7:30 pm	1 Bus	Nila to Sahyadri
7:30 pm	1 Bus	Sahyadri to Nila
8:00 pm	2 Buses	Nila to Sahyadri
8:15 pm	1 Bus	Sahyadri to Nila
8:30 pm	1 Bus	Nila to Sahyadri
9:00 pm	1 Bus	Nila to Sahyadri
9:15 pm	1 Bus	Sahyadri to Nila
10:00 pm	1 Bus	Nila to Sahyadri
10:15 pm	1 Bus	Sahyadri to Nila
11:00 pm	1 Bus	Nila to Sahyadri
11:15 pm	1 Bus	Sahyadri to Nila
12:00 am	1 Bus	Nila to Sahyadri

Sunday

8.00 am	1 Bus	Sahyadri to Nila
8.30 am	1 Bus	Sahyadri to Nila
8.45 am	1 Bus	Nila to Sahyadri
9.00 am	1 Bus	Sahyadri to Nila
10.00 am	1 Bus	Nila to Sahyadri
10.15 am	1 Bus	Sahyadri to Nila
11.00 am	1 Bus	Nila to Sahyadri
11.15 am	1 Bus	Sahyadri to Nila
12.00 noon	1 Bus	Nila to Sahyadri
12.15 pm	1 Bus	Sahyadri to Nila
12.30 pm	1 Bus	Nila to Sahyadri
12.45 pm	1 Bus	Sahyadri to Nila
1.15 pm	1 Bus	Nila to Sahyadri
1.30 pm	1 Bus	Sahyadri to Nila
2.00 pm	1 Bus	Nila to Sahyadri
2.15 pm	1 Bus	Sahyadri to Nila
3.00 pm	1 Bus	Nila to Sahyadri
3.15 pm	1 Bus	Sahyadri to Nila
4.00 pm	1 Bus	Nila to Sahyadri

4.15 pm	1 Bus	Sahyadri to Nila
5.00 pm	1 Bus	Nila to Sahyadri
5.15 pm	1 Bus	Sahyadri to Nila
6:00 pm	1 Bus	Nila to Sahyadri

6:00 pm	1 Bus	Sahyadri to Nila
6:30pm	1 Bus	Nila to Sahyadri
6:30 pm	1 Bus	Sahyadri to Nila
7:00 pm	1 Bus	Nila to Sahyadri
7:00 pm	1 Bus	Sahyadri to Nila
7:30 pm	1 Bus	Nila to Sahyadri
7:30 pm	1 Bus	Sahyadri to Nila
8:00 pm	2 Buses	Nila to Sahyadri
8:15 pm	1 Bus	Sahyadri to Nila
8:30 pm	1 Bus	Nila to Sahyadri
9:00 pm	1 Bus	Nila to Sahyadri
9:15 pm	1 Bus	Sahyadri to Nila
10:00 pm	1 Bus	Nila to Sahyadri
10:15 pm	1 Bus	Sahyadri to Nila
11:00 pm	1 Bus	Nila to Sahyadri
11:15 pm	1 Bus	Sahyadri to Nila
12:00 am	1 Bus	Nila to Sahyadri

Between Wise-park junction & Nila/Sahyadri

Monday to Friday

Time		
8:00 am	Bus (regular/mini)	Nila departure 8:00 am- **Wise-park junction** U turn 8:15 am-Nila Manogata arrival 8:30 am -Sahyadri 8:45 am (exclusively uses the respective service roads)
6.15 pm	Bus (regular/mini)	Sahyadri departure 6:15 pm- via Nila gate -**Wise-park junction U turn** 6:45 pm-Nila Manogata arrival 7:00 pm (exclusively uses the respective service roads)

Saturday, Sunday and Institute holidays (gazetted)

8:45 am	Bus (regular/mini)	Nila departure 8:45 am- **Wise-park junction U turn** 9:00 am-Nila Manogata arrival 9:15 am-Sahyadri 9:30 am (exclusively uses the respective service roads)
6.15 pm	Bus (regular/mini)	Sahyadri departure 6:15 pm- via Nila gate -**Wise-park junction U turn** 6:45 pm-Nila Manogata arrival 7:00 pm (exclusively uses the respective service roads)