

**Indian Institute of Technology Palakkad**  
**B.Tech. (2015 Batch) Curriculum – Time Table**  
**Semesters 5**

**Civil Engineering**

Sl No.	Course Code	Course Title	Course Credit	Course Category	Course Slot	Course Faculty	Room No
1	CE3010	Transportation Engineering I	3	PMT	A	RM	26
2	CE3030	Water Resources Engineering	4	PMT	B	AP	26
3	CE3060	Basic Reinforced Concrete Design	4	PMT	C	MKM	26
4	CE3350	Geotechnical Engineering	4	PMT	D	TS	26
5	CE3410	Construction Materials Laboratory	2	PML	L3	MKM / TS	
6	CE3310	Advanced Structural Analysis	3	PME	E	AK	26
7	CE3420	Concrete Technology	3	PME*	F	EKK	26
8	XXxxxx	General Course Elective 1	3	GCE	G		
<b>Total Credits</b>			<b>23 + 3*</b>				

**Computer Science and Engineering**

Sl No.	Course Code	Course Title	Course Credit	Course Category	Course Slot	Course Faculty	Room No
1	CS3100	Paradigms of Programming	4	PMT	A	MKD	18
2	CS3300	Language Translators	3	PMT	B	PK	18
3	CS3310	Language Translators Laboratory	2	PML	L4	PK	
4	CS3500	Operating Systems	3	PMT	C	JB	18
5	CS3510	Operating Systems Laboratory	2	PML	L3 / L1	JB	
6	CS4803	Model Checking	3	PME	X / Z	BS	18
7	CS5820	Probability and Computing	4	PME	F	JEA	18
8	CS4801	Principles of Machine Learning	4	PME*	G	SB	18
<b>Total Credits</b>			<b>21 + 4*</b>				

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**Electrical Engineering**

Sl No.	Course Code	Course Title	Course Credit	Course Category	Course Slot	Course Faculty	Room No
1	EE2003	Power Systems	4	PMT	A	ARS	33
2	EE3001	Solid State Devices	4	PMT	B	RP	33
3	EE3004	Control Engineering	4	PMT	Y	ADM / RP	33
4	EE3005	Analog and Digital Communication Systems	4	PMT	C	LNT	33
5	EExxxx	Control Systems Laboratory	2	PML	L1	SS	
6	EE3703	Analog Circuits Laboratory	2	PML	L2	AA	
7	EExxxx	CMOS Analog and Digital Integrated Circuits	3	PME*	Z	VNRV	33
<b>Total Credits</b>			<b>20 + 3*</b>				

**Mechanical Engineering**

Sl No.	Course Code	Course Title	Course Credit	Course Category	Course Slot	Course Faculty	Class Room
1	ME3010	Gas Dynamics	3	PMT	D	JK	27
2	ME3020	Heat and Mass Transfer	4	PMT	A	KSG	27
3	ME3030	Combustion and IC Engines	4	PMT	E	PSM	27
4	ME3040	Machine Tools and Metrology	4	PMT	B	KS/DC	27
5	ME3050	Design of Machine Elements	4	PMT	C	KVNS	27
6	ME3170	Mechanical Engineering Laboratory 1	2	PML	L3	KVNS/DC KS / KSG	
7	MExxxx	Computational Fluid Dynamics	3	PME*	F	AR	27
8	XXxxxx	General Course Elective 1	3	GCE	G		
<b>Total Credits</b>			<b>24 + 3*</b>				

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**GCE Courses**

Sl No.	Course Code	Course Title	Course Credit	Course Category	Course Slot	Course Faculty	Class Room
1	MA2032	Numerical Analysis	3	GCE	G	---	33
2	CS4011	Principles of Machine Learning	4	GCE	G	SB	18
3	XXxxxx	Basic Quantum Mechanics	4	GCE	G	---	27

**Time Table**

Time Day	08:00 to 08:50	09:00 to 09:50	10:00 to 10:50	11:00 to 11:50	12:00 to 13:00	13:00 to 13:50	14:00 to 14:50	15:00 to 15:50	16:00 to 16:50
Monday	A	B	C	D	Break	E	X		G / X
							L1		
Tuesday	B	C	D	E		A	X		F / X
							L2		
Wednesday	C	D	E	F		B	G	Seminar / Talk / Extramural Lecture	
Thursday	E / Y	F / Y	G	A		D	Y		Y
							L3		
Friday	F	G	A	B	C	Z		Z	
						L4			
Saturday		Z		Z					

**Abbreviation:**

RM: Ranju Mohan, SKP: Sudheer KP, MKM: Madhu Karthik M, TS: T. Sudheesh, AK: Dr. Anil Kumar, EKK: E.K.K Nambiar  
MKD: Mrinal Kanti Das; PK: Piyush P Kurur; JB: Jasine Babu; SB: Saheli B; BS: B. Srivatsan; JEA: John Ebenezer Augustine  
VN: Venkata Narayana, SS: Swaroop Sahoo, AA: Arvind Ajoy, ADM: Arun D Mahindrakar, RP: Ramakrishna Pasumarthy, ARS: Arun Rahul S, RP: Revathy Padmanabhan, LNT: Lakshmi Narasimhan Theagarajan, VNRV: Venkata Narayana Rao Vanukuru  
JK: Job Kurian, PSM: Pramod S. Mehta, AR: Sunil Arolla, KVNS: KVN Surendra, DC: D. Chakradhar, KS: Kesavan Sekar, KSG: Krishna Sessa Giri,