

CMR Institute of Technology
Subject Allotment -2021-22 Odd Semester

Department of ECE/TCE

#	Faculty	Theory	Lab	Teaching Units	RCIE Load			Admin
					RP	C	I & E	
1	Dr. R Elumalai	AESD(M.Tech-1)	--	1	1	0.5		1.5
2	Dr.C.Ramesh	ASIC(M.Tech-1)	M.Tech Mini Project(4)	3	1	-	-	
3	Dr. Sharmila KP	CN(2)	----	2	1.5	0.5	-	
4	Dr. Amit Jain	ED(1),DVLSI(M.Tech-1)	VLSI Lab(2)	3	0.5	0.5	-	
5	Dr.Binish Fatimah	DIP(2)		2	1.5	0.5		
6	Dr. Eisha Akanksha	IoT(1), CN(1)	CN Lab(2)	3	0.5	0.5	-	
7	Dr.K.Venkateswaran	MED(1)	ADC Lab(2)	2	1.5	0.5	-	
8	Dr. Imtiyaz Ahmed B K	CO(2)	VLSI Lab(2)	3	0.5	0.5		
9	Dr.Naveenkumar.G.N	PEI(2)	EDI Lab(2)	3	0.5	0.5	-	
10	Dr. Sridhar N	MED(2)	DSP Lab(2)	3	0.5	-	0.5	
11	Dr. Ananth Kumar M.S.	PE(1)	CN Lab(4)	3	0.5	-	0.5	
12	Mrs.Pappa.M	DSP(1),MMC(1)	---	2	1		0.5	0.5
13	Dr. Suganya.S	NT(1)	DSD Lab(3)	2.5	1	-	0.5	
14	Mrs.Sridevi.S	DSD(2)	DSD Lab(2)	3	0.5	-	0.5	
15	Dr. Chetan.H	VLSI(1), VLSI Testing(M.Tech-1)	VLSI Lab(2)	3	0.5	-	0.5	
16	Mr.Sunilkumar.K.H	VLSI(2)	VLSI Lab(4)	4	-	-	-	
17	Mrs.Aritri Debnath	MMC(1),ED(1)	CN Lab(4)	4	-	-	-	-
18	Mr.Harsha B.K	ITC(2)	HDL Lab(3)	3.5	0.5	-	-	
19	Mrs.Sutapa Sarkar	EM Waves(2)	DSP Lab(3)	3.5	0.5	-	-	
20	Mrs.Jyoti.M.Roogi	TYLPython(2)	HDL Lab(4)	4	-	-	-	
21	Ms.Suganya J	EM Waves(2)	DSD Lab(4)	4	-	-	-	
22	Mrs.Preethi.A	PCS(2)	EDI Lab(4)	4	-			
23	Mr.Rahul Tiwari	PCS(2)	EDI Lab(4)	4	-	-	-	
24	Mr.Krishna Teja	SATCOM(1),DSP(1)	DSP Lab(4)	4	-	-	-	
25	Ms.Monika Singh	Verilog HDL(2)	HDL Lab(3)	3.5	0.5	-	-	
26	Mr.Manjunath V Gudur	BE(2)	First Year Mini Project (4)	4	-	-	-	

27	Mr.Sachin Aralikatti	BE(2)	First Year Mini Project (4)	4	-	-	-	
28	Ms.Suchismita Sengupta	DSD(2)	VLSI Lab(4)	4	-	-	-	
29	Mr. Abhishek Javali	MWA(1), MED(1)	ADC Lab(2)	3	0.5	-	0.5	
30	Mrs. Richa Tengshe	IoT(1),CCN(1)	DSP Lab(3)	3.5	0.5	-	-	
31	Mrs. Anindita Sahoo	Cryptography(1)	CN Lab(6)	4	-	-	-	
32	Mr. Ashutosh Srivastava	Satcom(2)	HDL Lab(3)	3.5	0.5	-	-	
33	Mrs. Sushma B	TYLPython(2)	DSP Lab(4)	4				
34	Mrs. Aswini N	PEI(2)	EDI Lab(4)	4				
35	Mrs. Sophiya Susan	Verilog HDL(2)	HDL Lab(4)	4	-	-	-	
36	Mrs. Chitralekha G	CO(2)	DSD Lab(4)	4	-	-	-	
37	Dr.Arun Samimalai	NT(1)(Diploma)	HDL Lab(5)	3.5	0.5	-	-	
38	Mrs.Alamuru Susmitha	ITC(2)	EDI Lab(4)	4	-	-	-	
39	Mr.Laxmi Sharma	Satcom(1)	DSD Lab(5)	3.5	0.5	-	-	
40	Mr.Mahesh Kumar Jha	IPR(M.Tech-1)	--	1	-	-	-	3
41	Mr.Raveesh Hegde	DSP(2)	DSP Lab(4)	4	-	-	-	
42	Dr.Meenakshi R Patil	ED(2)		2	1.5	0.5	-	
43	Dr.Kankana	VLSI(1)	VLSI Lab(6)	4	-	-	-	
44	Mrs.Shilpi Ruchi Kerketta	ED(1)(Diploma)	DSD Lab(2), VLSI Lab(3)	3.5	0.5	-		
45	Dr.Abhilasha	NT(1)	CN Lab(5)	3.5	-	-	0.5	
46	Dr.Devaraj Somasundaram	NT(2)	EDI Lab(2)	3	0.5	-	0.5	
47	Dr.Vanaja	ACA(M.Tech-3rd-1)	M.Tech Mini Project(4)	3	1			
48	Dr.Abdul Wahid	CAD(M.Tech-3rd-1)	EDI Lab(2) Diploma	3	1			
49	Mrs.Sowmya Reddy	IoT(M.Tech-3rd-1)	DSD Lab(4)	3	1			
50	Mr.Mahesh Gour	CO(1)(Diploma)	VLSI Lab(2),VLSI Lab(3)M.Tech Lab(1)	4				
51	Mrs.Jagrati Gupta	BE(1)	EDI Lab(4),EDI Lab(2) Dip	4				
52	Mrs.Vijayalaxmi	Python(1)(Diploma)	CN Lab(2),CN Lab(1),DSD Lab(2) Diploma	3.5	0.5			
53	Mr.Manohar	BE(2)	First Year Mini Project (4)	4				
54	Mrs.Alka Raj	DSD(1)(Diploma)	HDL Lab(2),DSD Lab(2) Di	3	1			
55	Mrs.Rashmi K V	PEI(1)(Diploma)	DSP Lab(2),DSP Lab(2)	3	1			
				181.5	24.5	4.5	4.5	5

CMR Institute of Technology
Department of ECE



Faculty Core Load Distribution	Academic Year	2021-22	Semester	Odd
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Department	ECE
No. of Full-time faculty members	55
No. of Part-time faculty members	NA
Total Core Load Units of the department 1 Full-time faculty = 4 units (24 hours)	220

Note:
1 1 Unit = 6 hours core load
2 Fill data only for upcoming semester

Department Load distribution (TRCPIE)	Total units	For own dept.	For other dept.	By other dept.
Teaching Core Load Units: 1 Unit = 1 Theory or 2 Labs	181.5	174.5	7	17
Research Core Load Units 1 Unit = 1 research paper in a reputed Journal	24.5		Basic Science Department	Maths, CSE, EEE, Civil, ISE, Mech Department
Consultancy Core Load Units 1 Unit = Consultancy of Rs. 1.5 Lakhs	4.5		Basic Electronics	Tranform Calculus, Fourier Series and Numerical Techniques
Sponsored Project Core Load Units 1 Unit = Sponsorship of Rs. 7.5 lakhs	0			Constitution of India, Professional Ethics and Cyber Law
Innovation Core Load Units 1 Unit = Earning of Rs. 0.5 lakh	4.5			Environmental Studies
Entrepreneurship Core Load Units 1 Unit = Earning of Rs. 1 lakh	0			Open Elective B
				Advanced Engineering Mathematics

Year (For MBA, only 2 year, for MCA only three years)	First	Second	Third	Fourth	M.Tech 1st sem(VLSI)	M.Tech 3rd sem(VLSI)
Intake	240	240	240	240	24	24
#actual students	Yet to be admitted	195+ Diploma yet to be admitted	237	242+28(2017/2015 scheme)	Yet to be admitted	16
#theory subjects	6	7+1 TYL Python	7	5+5(2017/2015 scheme)	6	3
#dept. subject		5+ 1 TYL	6	4+5(2017/2015 scheme)	5	3
#sections		4+1	4	4+1(2017/2015 scheme)	1	1
#labs		2	2	2+2(2017/2015 scheme)	1	Nil
#batches for each lab		3	3	3+2(2017/2015 scheme)	1	Nil
#faculty per lab		2	2	2	1	Nil
	7	30+28=58	24+24=48	16+5+24+4=49	5+0.5=5.5	3

181.5

Names of theory subjects in each year	First	Second	Third	Fourth	M.Tech 1st sem(VLSI)	M.Tech 3rd sem(VLSI)
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	1	Basic Electronics	Tranform Calculus, Fourier Series and Numerical Techniques	Technological Innovation Management and Entrepreneurship	Computer Networks	Advanced Engineering Mathematics	CAD of Digital Systems
	2		Network Theory	Digital Signal Procesing	VLSI Design	ASIC Design	Advanced Computer Architecture
	3		Electronic Devices	Principles of Communication Systems	Satellite Communication/Digital Image Processing	Advanced Embedded System	Internet of Things
	4		Digital System Design	Information Theory & Coding	IOT & Wireless Sensor Networks/Multimedia Communication/Cryptography	VLSI Testing	
	5		Computer Organization & Architecture	Electromagnetic Waves	Open Elective B	Digital VLSI Design	
	6		Power Electronics & Instrumentation	Verilog HDL	Project Work Phase-I	Research Methodology and IPR	
	7		Constitution of India, Professional Ethics and Cyber Law	Environmental Studies	Microwave & Antennas		
					Digital Image Processing		
					Power Electronics		
					Multimedia Communication		
					Satellite Communication		
	<...>				Project Work Phase-I + Project Work Seminar		

Names of labs in each year	First	Second	Third	Fourth	M.Tech 1st sem(VLSI)	M.Tech 3rd sem(VLSI)
<lab 1>		Electronic Devices & Instrumentation Laboratory	Digital Signal Processing Laboratory	Computer Networks Laboratory	VLSI & ES Lab-1	Nil
<lab 2>		Digital System Design Laboratory	HDL Laboratory	VLSI Laboratory		
<lab 3>				Advanced Communication Laboratory		
				VLSI Laboratory		
<...>						

	Name of the faculty	Full/Part Time	Units for TRCPIE				Total
			Teaching Units	Research & Sponser Units	Consultancy Units	Innovation & Entrepreneurship	
1	Dr. R Elumalai	FT	1	1	0.5	-	2.5
2	Dr.C.Ramesh	FT	3	1	-	-	1
3	Dr. Sharmila KP	FT	2	1.5	0.5	-	4
4	Dr. Amit Jain	FT	3	0.5	0.5	-	5
5	Dr.Binish Fatimah	FT	2	1.5	0.5	-	4
6	Dr. Eisha Akanksha	FT	3	0.5	0.5	-	5
7	Dr.K.Venkateswaran	FT	2	1.5	0.5	-	4
8	Dr. Imtiyaz Ahmed B K	FT	3	0.5	0.5	-	4
9	Dr.Naveenkumar.G.N	FT	3	0.5	0.5	-	4
10	Dr. Sridhar N	FT	3	0.5	-	0.5	5
11	Dr. Ananth Kumar M.S.	FT	3	0.5	-	0.5	4
12	Mrs.Pappa.M	FT	2	1	-	0.5	4.5
13	Dr. Suganya.S	FT	2.5	1	-	0.5	4
14	Mrs.Sridevi.S	FT	3	0.5	-	0.5	4
15	Dr. Chetan.H	FT	3	0.5	-	0.5	4
16	Mr.Sunilkumar.K.H	FT	4	-	-	-	4
17	Mrs.Aritri Debnath	FT	4	-	-	-	4
18	Mr.Harsha B.K	FT	3.5	0.5	-	-	4
19	Mrs.Sutapa Sarkar	FT	3.5	0.5	-	-	4
20	Mrs.Jyoti.M.Roogi	FT	4	-	-	-	5
21	Ms.Suganya J	FT	4	-	-	-	4
22	Mrs.Preethi.A	FT	4	-	-	-	4
23	Mr.Rahul Tiwari	FT	4	-	-	-	4
24	Mr.Krishna Teja	FT	4	-	-	-	5
25	Ms.Monika Singh	FT	3.5	0.5	-	-	5
26	Mr.Manjunath V Gudur	FT	4	-	-	-	4
27	Mr.Sachin Aralikatti	FT	4	-	-	-	4
28	Ms.Suchismita Sengupta	FT	4	-	-	-	4
29	Mr. Abhishek Javali	FT	3	0.5	-	0.5	4
30	Mrs. Richa Tengshe	FT	3.5	0.5	-	-	4
31	Mrs. Anindita Sahoo	FT	4	-	-	-	4
32	Mr. Ashutosh Srivastava	FT	3.5	0.5	-	-	4
33	Mrs. Sushma B	FT	4	-	-	-	4
34	Mrs. Aswini N	FT	4	-	-	-	4
35	Mrs. Sophiya Susan	FT	4	-	-	-	4
36	Mrs. Chitralkha G	FT	4	-	-	-	5
37	Dr.Arun Samimalai	FT	3.5	0.5	-	-	4
38	Mrs.Alamuru Susmitha	FT	4	-	-	-	4
39	Mr.Laxmi Sharma	FT	3.5	0.5	-	-	4

40	Mr.Mahesh Kumar Jha	FT	1	-	-	-	1
41	Mr.Raveesh Hegde	FT	4	-	-	-	4
42	Dr.Meenakshi R Patil	FT	2	1.5	0.5	-	4
43	Dr.Kankana	FT	4	-	-	-	4
44	Mrs.Shilpi Ruchi Kerketta	FT	3.5	0.5	-	-	4
45	Dr.Abhilasha	FT	3.5	-	-	0.5	4
46	Dr.Devaraj Somasundaram	FT	3	0.5	-	0.5	4
47	Dr.Vanaja	FT	3	1			4
48	Dr.Abdul Wahid	FT	3	1			4
49	Mrs.Sowmya Reddy	FT	3	1			4
50	Mr.Mahesh Gour	FT	4				4
51	Mrs.Jagrati Gupta	FT	4				4
52	Mrs.Vijayalaxmi	FT	3.5	0.5			4
53	Mr.Manohar	FT	4				4
54	Mrs.Alka Raj	FT	3	1			4
55	Mrs.Rashmi K V	FT	3	1			4
	RCPIE		181.5	R & P	C	I & E	220
	Department Total R,C,P,I&E Units			24.5	4.5	4.5	33.5
	Expected Units			22	5.5	5.5	
	Difference Units			2.5	-1	-1	

Remarks: Nil