

# NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE (NAAC Accredited)



(Approved by AICTE, Affiliated to APJ Abdul Kalam Technological University, Kerala)

# 1.3.2 Average percentage of courses that include experiential learning through project work/field work/internship during last five years

Sl No.	Description
1	Certificate by Principal
2	Consolidated Course List for Academic years 1. 2019-20 2. 2018-19 3. 2017-18 4. 2016-17 5. 2015-16
3	Syllabus for courses  1. 2019-20: https://www.ncerc.ac.in/downloads/DVV/C1/1.3.2NCERC19-20.pdf  2. 2018-19: https://www.ncerc.ac.in/downloads/DVV/C1/1.3.2NCERC18-19.pdf  3. 2017-18: https://www.ncerc.ac.in/downloads/DVV/C1/1.3.2NCERC17-18.pdf  4. 2016-17: https://www.ncerc.ac.in/downloads/DVV/C1/1.3.2NCERC16-17.pdf  5. 2015-16: https://www.ncerc.ac.in/downloads/DVV/C1/1.3.2NCERC15-16.pdf
4	Link for MoUs: <a href="https://www.ncerc.ac.in/downloads/criteria3/3.5.2NCERC.pdf">https://www.ncerc.ac.in/downloads/criteria3/3.5.2NCERC.pdf</a>
5	Link for Supporting Documents: <a href="https://www.ncerc.ac.in/downloads/criteria1/1.3.2/1.3.2NCERC.pdf">https://www.ncerc.ac.in/downloads/criteria1/1.3.2/1.3.2NCERC.pdf</a>



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# 1.3.2 Average percentage of courses that include experiential learning through project work/field work/internship during last five years

This is to certify that 39.94% of courses that include experiential learning through project work/field work/internship during last five years and details given below:

Academic Year	2019-20	2018-19	2017-18	2016-17	2015-16
No. of Courses	168	140	156	119	147

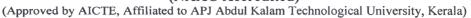
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# 1.3.2 Average percentage of courses that include experiential learning through project work/field work/internship during last five years

#### Academic Year 2019-20

SI No	Program code	Program Name	Course code	Course Name	Project	Internship	Field visit
1	CS	B.Tech. Computer Science and Engineering	MAT 101	LINEAR ALGEBRA AND CALCULUS	Υ		-
2	CS	B.Tech. Computer Science and Engineering	PHT 100	ENGINEERING PHYSICS A	У		-
3	CS	B.Tech. Computer Science and Engineering	EST 110	ENGINEERING GRAPHICS	Υ		-
4	CS	B.Tech. Computer Science and Engineering	EST 120	BASICSOFCIV IL&MECHANI CAL ENGINEERING	Y		+
5	CS	B.Tech. Computer Science and Engineering	EST 130	BASICS OF ELECTRICAL & E L E C T R O N I C S ENGINEERING	Υ		*
6	CS	B.Tech. Computer Science and Engineering	EST 102	PROGRAMMING IN C	Υ		-
7	CS	B.Tech. Computer Science and Engineering	CS205	Data Structures	Υ		
8	CS	B.Tech. Computer Science and Engineering	CS207	Electronics Devices & Circuits	Υ		
9	CS	B.Tech. Computer Science and Engineering	CS202	Computer Organization and Architecture	Υ		
10	CS	B.Tech. Computer Science and Engineering	CS204	Operating Systems	Y		



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						Since
11	CS	B.Tech. Computer Science and Engineering	CS206	Object Oriented Design and Programming	Y	
12	CS	B.Tech. Computer Science and Engineering	CS208	Principles of Database Design	Y	
13	CS	B.Tech. Computer Science and Engineering	CS301	Theory of Computation	Y	
14	CS	B.Tech. Computer Science and Engineering	CS303	System Software	Y	
15	CS	B.Tech. Computer Science and Engineering	CS307	Data Communication	Y	
16	CS	B.Tech. Computer Science and Engineering	CS361	Soft Computing	Y	
17	CS	B.Tech. Computer Science and Engineering	CS365	Optimization Techniques	Y	
18	CS	B.Tech. Computer Science and Engineering	CS302	Design and Analysis of Algorithms	Y	
19	CS	B.Tech. Computer Science and Engineering	CS304	Compiler Design	Y	
20	CS	B.Tech. Computer Science and Engineering	CS306	Computer Networks	Y	
21	CS	B.Tech. Computer Science and Engineering	CS308	Software Engineering and Project Management	Y	
22	CS	B.Tech. Computer Science and Engineering	CS364	Mobile Computing	Y	
23	CS	B.Tech. Computer Science and Engineering	CS368	Web Technologies	Y	
24	CS	B.Tech. Computer Science and Engineering	CS401	Computer Graphics	Y	

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1		Electronics &		DEVICES	,	4	
38	EC	B TECH	EC203	SOLID STATE	Υ	i	
		Communication Engineering					
,		Electronics &	20201	THEORY	,	'	1
37	EC	Engineering B TECH	EC201	NETWORK	Υ	Υ	Υ
		Electronics & Communication		Engineering			
36	EC	В ТЕСН	BE102	Design and	Υ	Υ	Υ
		Communication Engineering		, mysics			
35	EC	B TECH Electronics &	PH100	Engineering Physics	Υ	Y	
34	CS	B.Tech. Computer Science and Engineering	CS468	Cloud Computing	Y		
		Science and Engineering		Intelligence			
33	CS	Science and Engineering B.Tech. Computer	CS464	Systems  Artificial	Y		
32	CS	Engineering B.Tech. Computer	CS404	Embedded	Υ		
31	CS	B.Tech. Computer Science and	CS402	Data Mining and Ware Housing	Y		-
30	CS	B.Tech. Computer Science and Engineering	CS467	Machine Learning	Y		
29	CS	B.Tech. Computer Science and Engineering	CS465	Bio Informatics	Y		
28	CS	B.Tech. Computer Science and Engineering	CS409	Cryptography and Network Security	Y		
27	CS	B.Tech. Computer Science and Engineering	CS407	Distributed Computing	Υ		
26	CS	B.Tech. Computer Science and Engineering	CS405	Computer System Architecture	Y		
25	CS	B.Tech. Computer Science and Engineering	CS403	Programming Paradigms	Υ		







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	1	1		<del></del>	Г		
		Communication					
		Engineering					
39	EC	B TECH	EC205	ELECTRONIC	Υ	Υ	Y
		Electronics &		CIRCUITS			
		Communication					
		Engineering					
40	EC	B TECH	EC207	LOGIC CIRCUIT	Υ	Υ	Y
		Electronics &		DESIGN			
		Communication					
		Engineering					
41	EC	B TECH	EC202	SIGNALS &	Υ		Υ
		Electronics &		SYSTEMS			
		Communication					
		Engineering					
42	EC	B TECH	EC204	ANALOG	Υ	Y	
		Electronics &		INTEGRATED		'	
		Communication		CIRCUITS			
		Engineering		Circons			
43	EC	B TECH	EC208	ANALOG	Υ	Y	Y
-10		Electronics &	10200	COMMUNICATION	'	'	'
		Communication		ENGINEERING			
		Engineering		ENGINEERING			
44	EC	B TECH	EC301	DIGITAL SIGNAL	Υ	Y	Y
		Electronics &	20001	PROCESSING	'	'	'
		Communication		1 NO CESSING			
		Engineering					
45	EC	B TECH	EC303	APPLIED	Υ	Y	Y
43		Electronics &	10303	ELECTROMAGNETI	'	1	'
		Communication		C THEORY			
		Engineering		CINEON			
46	EC	B TECH	EC305	MICROPROCESSO	Υ	Y	Υ
40	EC	Electronics &	EC303	RS &	1	Y	l Y
		Communication					
				MICROCONTROLL ERS			
47	EC	Engineering B TECH	EC307		Υ		Υ
47	[[		EC307	POWER	Y		Y
		Electronics &		ELECTRONICS &			
		Communication		INSTRUMENTATIO			
40		Engineering		N			
48	EC	B TECH	EC361*	DIGITAL SYSTEM	Υ	Υ	
		Electronics &		DESIGN			
		Communication					
		Engineering					
49	EC	B TECH	EC302	DIGITAL	Υ		Y
	E UT ENO	Electronics &		COMMUNICATION			



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		Communication					
50	EC	Engineering B TECH	EC304	VLSI	Υ	Y	<u> </u>
30		Electronics &	LC304	VESI	'	'	
		Communication					
		Engineering					
51	EC	B TECH	EC306	ANTENNA &	Υ	Υ	
		Electronics &		WAVE			
	i	Communication		PROPAGATION			
		Engineering					
52	EC	B TECH	EC308	EMBEDDED	Υ	Υ	Υ
		Electronics &		SYSTEMS			
		Communication					
		Engineering					
53	EC	B TECH	EC268*	ROBOTICS	Υ	Υ	Υ
		Electronics &					
		Communication					
		Engineering					
54	EC	B TECH	EC401	INFORMATION	Υ	Υ	Υ
		Electronics &		THEORY &			
		Communication		CODING			
		Engineering	70100				1
55	EC	B TECH	EC403	MICROWAVE &	Υ	Υ	Y
		Electronics &		RADAR			
		Communication		ENGINEERIN			
56	EC	Engineering B TECH	EC405	OPTICAL	Υ		<u> </u>
30	EC	Electronics &	EC405	COMMUNICATION	1		
		Communication		COMMONICATION			
		Engineering					
57	EC	B TECH	EC409	CONTROL	Υ	Υ	Υ
3,		Electronics &	10403	SYSTEMS	'	'	'
		Communication		313121413			
		Engineering					
58	EC	B TECH	EC402	NANO	Υ	Υ	Υ
		Electronics &	10.02	ELECTRONICS	ļ .	'	'
		Communication					
		Engineering					
59	EC	B TECH	EC464	LOW POWER VLSI	Υ		У
		Electronics &		DESIGN			1
		Communication					
		Engineering					
60	ECVL	MTECH VLSI	08EC632	CMOS VLSI	Υ		
EGE ,		Design	1	DESIGN			

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61	ECVL	MTECH VLSI	08EC633	ADVANCED DSD	Υ	У	ży
		Design	1				
62	ECVL	MTECH VLSI	08EC634	VLSI FABRICATION	Υ	У	У
		Design	1	TECHNOLOGY			
63	ECVL	MTECH VLSI	08EC635	DIGITAL	Υ		У
		Design	1	INTEGRATED			
				CIRCUITS			
64	ECVL	MTECH VLSI	08 EC	ANALOG VLSI	Υ	У	
		Design	6312	DESIGN			
65	ECVL	MTECH VLSI	08 EC	CAD OF VLSI	Υ		
		Design	6322	CIRCUITS			
66	ECVL	MTECH VLSI	08 EC	TESTING &	Υ	У	У
		Design	6332	VERIFICATION OF			
	1			VLSI CIRCUITS			
67	ECVL	MTECH VLSI	08 EC	LOW POWER VLSI	Υ		
		Design	6342(A)	DESIGN			
68	ECVL	MTECH VLSI	08EC731	FPGA	Υ	у	у
		Design	3	ARCHITECTURE		,	'
69	ECVL	MTECH VLSI	08EC732	SYSTEM VERILOG	Υ	у	
		Design	3			'	
70	ECVL	MTECH VLSI	08EC635	Digital Integrated	Υ	У	у
		Design	1B	Circuits Design		′	′
71	ECVL	MTECH VLSI	08EC634	Low Power VLSI	Υ	у	
		Design	2A	Design		'	
72	ECVL	MTECH VLSI	08EC634	Design of Digital	Υ	у	У
		Design	2C	Signal Processing		1	'
73	ECVL	MTECH VLSI	08EC635	Hign Speed Digital	Υ	у	
		Design	2A	Design		/	
74	ECVL	MTECH VLSI	08EC731	Mixed	Y	У	У
		Design	3B	SignalSystem		,	'
				Design			
75	ECVL	MTECH VLSI	08EC732	System Verilog	Y	У	
		Design	3A	, , , , , , , , , , , , , , , , , , , ,		<b>'</b>	
76	ECVL	MTECH VLSI	08EC732	Hardware	Υ		у
		Design	3B	Software Co	'		/ /
				Design			}
77	ECVL	MTECH VLSI	08EC732	VLSI Signal	Υ	у	у
. •		Design	3C	Processing	'	,	,
78	AU	BTECH	AU364	Vehicle	Y		
		AUTOMOBILE	1.0004	Performance &	'		
		ENGINEERING		Testing			
 79	AU	BTECH	AU403	Vehicle Dynamics	Υ		
	7.0	AUTOMOBILE	70403	venicle Dynamics	'		
-		ENGINEERING					
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							Sine
80	AU	BTECH	AU407	Advanced I C	Υ		
		AUTOMOBILE		Engines			
		ENGINEERING					
81	AU	BTECH	AU409	Simulation &	Υ		
		AUTOMOBILE		Analysis of IC			
		ENGINEERING		Engine Processes			
82	AU	BTECH	AU410	Vehicle Transport	Υ	Υ	Υ
		AUTOMOBILE		& Fleet			
		ENGINEERING		Management			
83 AU	AU	BTECH	AU402	Two and Three	Υ	Υ	Υ
		AUTOMOBILE		Wheelers			
	ENGINEERING						
84 AU	BTECH	AU404	Engine & Vehicle	Υ		Υ	
	7.0	AUTOMOBILE		Management			
	ENGINEERING		Systems				
85 AU	AU	BTECH	AU462	Vehicle	Υ	Y	Y
		AUTOMOBILE		Maintenance			
		ENGINEERING					
86	EE	B Tech., Electrical	EE201	Circuits and,	Υ	Y	Υ
		and Electronics		Networks			
		Engineering					
87	EE	B Tech., Electrical	EE203	Analogue	Υ	Y	Y
		and Electronics		Electronic Circuits	1	'	
		Engineering					
88	EE	B Tech., Electrical	EE205	DC Machines and	Υ	Y	Y
		and Electronics		Transformers			
		Engineering					
89	EE	B Tech., Electrical	EE207	Computer	Υ		
		and Electronics		Programming			
		Engineering					
90	EE	B Tech., Electrical	EE301	Power Generation,	Υ	Y	Υ
		and Electronics		Transmission and	'	'	
		Engineering		Protection			
91	EE	B Tech., Electrical	EE303	Linear Control	Υ	Y	Y
		and Electronics		Systems	'	•	1.
		Engineering		- Cysteins			
92	EE	B Tech., Electrical	EE305	Power Electronics	Υ	Y	Υ
		and Electronics		Tower Electronics	'	'	
		Engineering					
93	EE	B Tech., Electrical	EE367	New and	Y	Y	Y
_		and Electronics		Renewable Energy	'	'	'
		Engineering		Systems			
94	EE	B Tech., Electrical	EE302	Electromagnetics	Υ		
		and Electronics	1 22302	Licenomagnetics	'		i

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							Since
		Engineering					
95	EE	B Tech., Electrical and Electronics Engineering	EE304	Advanced Control Theory	Υ	Y	Υ
96	EE	B Tech., Electrical and Electronics Engineering	EE306	Power System Analysis	Υ	Y	Y
97	EE	B Tech., Electrical and Electronics Engineering	EE308	Electric Drives	Υ	Y	Υ
98	EE	B Tech., Electrical and Electronics Engineering	EE367	New and Renewable Energy Sources	Υ	Y	Υ
99	EE	B Tech., Electrical and Electronics Engineering	EE403	Distributed generation and smart grids	Υ	Y	Y
100	EE	B Tech., Electrical and Electronics Engineering	EE405	Electrical system design	Υ	Y	Υ
101	EE	B Tech., Electrical and Electronics Engineering	EE407	Digital Signal Processing	Υ	Y	Y
102	EE	B Tech., Electrical and Electronics Engineering	EE409	Electrical Machine Design	Υ	Y	Y
103	EE	B Tech., Electrical and Electronics Engineering	EE402	Special Electric Machines	Υ	Y	Y
104	MCA	Masters in Computer Applications	RLMCA1 01	Problem Solving and Computer Programming	Υ		
105	MCA	Masters in Computer Applications	RLMCA1 02	Object Oriented Programming	Υ		
106	MCA	Masters in Computer Applications	RLMCA1 04	Data Structures	Y		
107	MCA	Masters in Computer Applications	RLMCA1 06	Operating Systems	Υ		
108	MCA	Masters in Computer Applications	RLMCA2 03	Software Engineering	Υ	1.	

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109	MCA	Masters in	RLMCA2	Database	Υ		
		Computer	05	Management			
		Applications		Systems			
110	MCA	Masters in	RLMCA2	Design and	Υ		
		Computer	07	Analysis of			
		Applications		Algorithms			
111	MCA	Masters in	RLMCA2	Web Programming	Υ		
		Computer	33	Lab			
		Applications					
112	MCA	Masters in	RLMCA2	Bigdata	Υ		
	IVICA	Computer	04	Technologies	-		
		Applications					
113	MCA	Masters in	RLMCA2	Introduction to	Υ		
113	IVICA	Computer	08	Machine Learning	'		
		1 '	08	Widelime Learning			
111	NACA .	Applications	DIACAS	Company	Υ		
114	MCA	Masters in	RLMCA3	Cryptography and	Y		
		Computer	05	Cyber Security			
		Applications					
115	MCA	Masters in	RLMCA3	Social Network	Υ		
		Computer	71	Analysis			
		Applications					
116	MCA	Masters in	RLMCA3	Cloud Computing	Υ		
		Computer	81			ļ	
		Applications					
117	ME	BTECH	ME220	MANUFACTURING	Υ		
		MECHANICAL		TECHNOLOGY			
		ENGINEERING					
118	ME	BTECH	ME302	HEAT & MASS	Υ		
		MECHANICAL		TRANSFER	'		
		ENGINEERING					
119	ME	BTECH	ME304	DYNAMICS OF	Υ		
110	1412	MECHANICAL	IVILION	MACHINERY			
		ENGINEERING		MACHINERI			
120	ME		MESOS	ADVANCED	V		
120	IVIE	BTECHANICAL	ME306	ADVANCED	Y		
		MECHANICAL		MANUFACTURING			
404	2.45	ENGINEERING	145555	TECHNOLOGY			
121	ME	BTECH	ME308	COMPUTER AIDED	Y		
		MECHANICAL		DESIGN &			
		ENGINEERING		ANALYSIS			
122	ME	BTECH	ME312	METROLOGY &	Υ		
		MECHANICAL		INSTRUMENTATIO			
		ENGINEERING		N			
123	ME	BTECH	ME332	COMPUTER AIDED	Υ		
-		MECHANICAL		DESIGN &			
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		ENGINEERING		ANALYSIS LAB		
124	ME	BTECH MECHANICAL ENGINEERING	ME334	MANUFACTURING TECHNOLOGY LAB	Υ	
125	ME	BTECH MECHANICAL ENGINEERING	ME201	MECHANICS OF SOLIDS	Υ	
126	ME	BTECH MECHANICAL ENGINEERING	ME203	MECHANICS OF FLUIDS	Υ	
127	ME	BTECH MECHANICAL ENGINEERING	ME205	THERMODYNAMIC S	Υ	
128	ME	BTECH MECHANICAL ENGINEERING	ME210	METALLURGY & MATERIALS ENGINEERING	Υ	
129	ME	BTECH MECHANICAL ENGINEERING	CE230	MATERIAL TESTING LAB	Υ	
130	ME	BTECH MECHANICAL ENGINEERING	ME301	MECHANICS OF MACHINERY	Υ	
131	ME	BTECH MECHANICAL ENGINEERING	ME303	MACHINE TOOLS & DIGITAL MANUFACTURING	Y	
132	ME	BTECH MECHANICAL ENGINEERING	ME401	DESIGN OF MACHINE ELEMENTS I	Y	
133	ME	BTECH MECHANICAL ENGINEERING	ME403	ADVANCED ENERGY ENGINEERING		
134	ME	BTECH MECHANICAL ENGINEERING	ME405	REFRIGERATION & AIR-CONDITIONING	Υ	
135	МС	B Tech- MECHATRONICS	MR201	C Programming	Υ	
136	МС	B Tech- MECHATRONICS	EE209	Electrical Technology	Y	
137	МС	B Tech- MECHATRONICS	EC209	Analog Electronics	Y	
138	MC CULLEGE O	B Tech- MECHATRONICS	MR205	Science of Measurements	Υ	

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139	MC	B Tech-	EC212	Linear Integrated	Υ	
		MECHATRONICS		Circuits and		
				Digital Electronics		
140	MC	B Tech-	ME200	Fluid Mechanics &	Υ	
		MECHATRONICS		Machinery		
141	MC	B Tech-	MR202	Sensors and	Υ	
		MECHATRONICS		Actuators		
142	MC	B Tech-	MR202	Metallurgy and	Υ	
		MECHATRONICS		Materials		
				Engineering		
143	MC	B Tech-	MR301	Linear Control	Υ	
		MECHATRONICS		Systems		
144	MC	B Tech-	MR303	Microprocessors	Υ	
		MECHATRONICS		and		
				Microcontrollers		
145	MC	B Tech-	MR305	PLC and Data	Υ	
		MECHATRONICS		Acquisition		
				Systems		
146	MC	B Tech-	MR307	Thermodynamics	Υ	
110	1110	MECHATRONICS	14111307	Thermodynamics		
147	МС	B Tech-	ME220	Manufacturing	Υ	
147	IVIC	MECHATRONICS	IVILZZO	Technology	'	
148	MC	B Tech-	MR363	Object Oriented	Υ	
140	IVIC	MECHATRONICS	1011303	Programming	1	
149	MC	B Tech-	MR365	<del></del>	Υ	
149	IVIC		IVIK303	Composite	Y	
150	NAC	MECHATRONICS	145260	Materials	-	
150	MC	B Tech-	ME369	Tribology		
151	MC	MECHATRONICS	MADOOO	Dahasiaa	Y	
121	IVIC	B Tech-	MR302	Robotics	Y	
152	NAC	MECHATRONICS	140004	Engineering	1/	
152	MC	B Tech-	MR304	Digital Image	Y	
		MECHATRONICS		Processing and		
450				Machine Vision		
153	MC	B Tech-	MR306	Mechanics of	Υ	
		MECHATRONICS		Solids		
154	MC	B Tech-	MR308	Digital	Υ	
		MECHATRONICS		Manufacturing		
155	MC	B Tech-	MR364	Energy	Y	
		MECHATRONICS		Engineering		
				Management		
156	MC	B Tech-	AE403	Biomedical	Υ	
		MECHATRONICS		Instrumentation		
	MC	B Tech-	MR401	Advanced	Υ	
- CLL	GEOF	MECHATRONICS		Automation		

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				Systems		
158	МС	B Tech- MECHATRONICS	MR403	Nanotechnology	Y	
159	МС	B Tech- MECHATRONICS	MR405	Embedded Systems	Υ	
160	МС	B Tech- MECHATRONICS	MR407	Autotronics	Υ	
161	MC	B Tech- MECHATRONICS	MR409	Micro Electro Mechanical Systems	Y	
162	MC	B Tech- MECHATRONICS	MR463	Bio Mechatronics	Y	
163	МС	B Tech- MECHATRONICS	MR465	Entrepreneurship	Y	·
164	МС	B Tech- MECHATRONICS	MR402	Soft Computing Techniques	Y	
165	МС	B Tech- MECHATRONICS	MR404	Power Electronics and Drives	Y	
166	MC	B Tech- MECHATRONICS	MR462	Industrial Electronics and Applications	Y	
167	MC	B Tech- MECHATRONICS	MR464	Agile Manufacturing Systems	Y	
168	MC	B Tech- MECHATRONICS	MR466	Special Electrical Machines and Applications	Y	

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#### **Academic Year**

SI No	Program code	Program Name	Course code	Course Name	Project	Internship	Field visit
1	CSE	B.Tech. Computer Science and Engineering	MA101	Calculus	Y		
2	CSE	B.Tech. Computer Science and Engineering	PH100	Engineering Physics	Y		
3	CSE	B.Tech. Computer Science and Engineering	EE100	Basics of Electrical Engineering	Υ		
4	CSE	B.Tech. Computer Science and Engineering	EC100	Basics of Electronics Engineering	Υ		
5	CSE	B.Tech. Computer Science and Engineering	BE100	Engineering Mechanics	Y		
6	CSE	B.Tech. Computer Science and Engineering	BE110	Engineering Graphics	Y		
7	CSE	B.Tech. Computer Science and Engineering	BE102	Design & Engineering	Y		
8	CSE	B.Tech. Computer Science and Engineering	CS 100	Computer Programming	Y		
9- 3-Gi	CSE	B.Tech. Computer	CS201	Discrete Computationa	Υ		

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						 Since '
		Science and		l Structures		
		Engineering				
10	CSE	B.Tech.	CS205	Data	Υ	
		Computer		Structures		
		Science and				
		Engineering				
11	CSE	B.Tech.	CS207	Electronics	Υ	
		Computer		Devices &		
		Science and		Circuits		
		Engineering				
12	CSE	B.Tech.	CS202	Computer	Υ	
		Computer		Organization		
		Science and		and		
		Engineering		Architecture		
13	CSE	B.Tech.	CS204	Operating	Υ	
		Computer		Systems		
		Science and				
		Engineering				
14	CSE	B.Tech.	CS206	Object	Υ	
		Computer		Oriented		
		Science and		Design and		
		Engineering		Programming		
15	CSE	B.Tech.	CS208	Principles of	Υ	
		Computer		Database		
		Science and		Design		
		Engineering				
16	CSE	B.Tech.	CS232	Free and	Υ	
		Computer		Open Source		
		Science and		Software Lab		
		Engineering				
17	CSE	B.Tech.	CS301	Theory of	Υ	
		Computer		Computation		
		Science and				
		Engineering				
18	CSE	B.Tech.	CS303	System	Υ	
		Computer		Software		
		Science and				
		Engineering				
19	CSE	B.Tech.	CS307	Data	Υ	
1		Computer		Communicati		
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		Science and		on			
		Engineering					
20	CSE	B.Tech.	CS309	Graph Theory	Υ		
		Computer		and			
		Science and		Combinatoric			
		Engineering		s			
21	CSE	B.Tech.	CS361	Soft	Υ		
		Computer		Computing			
		Science and					
		Engineering					
22	CSE	B.Tech.	CS365	Optimization	Υ		
		Computer		Techniques			
		Science and					
		Engineering					
23	CSE	B.Tech.	CS302	Design and	Υ		
		Computer		Analysis of			
		Science and		Algorithms			
		Engineering					
24	CSE	B.Tech.	CS304	Compiler	Υ		
		Computer		Design			
		Science and					
		Engineering	ļ <u>-</u> -				
25	CSE	B.Tech.	CS306	Computer	Υ		
		Computer		Networks			
		Science and					
		Engineering		_			
26	CSE	B.Tech.	CS308	Software	Υ		
		Computer		Engineering			
		Science and		and Project			
		Engineering		Management			
27	CSE	B.Tech.	CS334	Network	Υ		
		Computer		Programming			
		Science and		Lab			
		Engineering					_
28	CSE	B.Tech.	CS364	Mobile	Υ		
		Computer		Computing			
		Science and					
		Engineering					
29	CSE	B.Tech.	CS368	Web	Υ		
1.500	OF EACH	Computer		Technologies		1	
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	т-						
		Science and					
		Engineering					
30	CSE	B.Tech.	CS401	Computer	Υ		
		Computer		Graphics			
		Science and					
		Engineering					
31	CSE	B.Tech.	CS405	Computer	Υ		
		Computer		System			
		Science and		Architecture			
		Engineering					
32	CSE	B.Tech.	CS407	Distributed	Υ		
		Computer		Computing			
		Science and					
		Engineering					
33	CSE	B.Tech.	CS409	Cryptography	Υ		
		Computer		and Network			
		Science and		Security			
		Engineering					
34	CSE	B.Tech.	CS463	Digital Image	Υ		
		Computer		Processing			
		Science and					
		Engineering					
35	CSE	B.Tech.	CS467	Machine	Υ		
		Computer		Learning			
		Science and					
		Engineering					
36	CSE	B.Tech.	CS402	Data Mining	Υ		
		Computer		and Ware			
		Science and		Housing			
		Engineering					
37	CSE	B.Tech.	CS404	Embedded	Υ		
		Computer		Systems			
		Science and					
		Engineering					
38	CSE	B.Tech.	CS464	Artificial	Υ		
		Computer		Intelligence			
		Science and					
		Engineering					
39	CSE	B.Tech.	CS468	Cloud	Υ	1 1. 2	
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		Science and					
		Engineering					
40	CSE	B.Tech.	CS472	Principles of	Υ		
		Computer		Information			
		Science and		Security			
		Engineering					
41	EC	В ТЕСН	EC201	NETWORK	Υ	Υ	Υ
		Electronics &		THEORY			
		Communicati					
		on					
		Engineering					
42	EC	В ТЕСН	EC203	SOLID STATE	Υ		
		Electronics &		DEVICES			
		Communicati					
		on					
		Engineering					
43	EC	B TECH	EC205	ELECTRONIC	Υ	Υ	Υ
		Electronics &		CIRCUITS			
		Communicati					
		on					
		Engineering					
44	EC	B TECH	EC207	LOGIC	Υ	Υ	
		Electronics &		CIRCUIT			
		Communicati		DESIGN			
		on					
		Engineering					
45	EC	B TECH	EC204	ANALOG	Υ		Υ
		Electronics &		INTEGRATED			
		Communicati		CIRCUITS			
		on					
		Engineering					
46	EC	B TECH	EC208	ANALOG	Υ	Υ	
		Electronics &		COMMUNICA			
		Communicati		TION			
		on		ENGINEERING			
		Engineering					
47	EC	B TECH	EC301	DIGITAL	Υ		
		Electronics &		SIGNAL			
-		Communicati		PROCESSING			
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10	Jist 1	Engineering					1

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	- <del></del>			1			
48	EC	B TECH	EC303	APPLIED	Y		
		Electronics &		ELECTROMAG			
		Communicati		NETIC			
		on		THEORY			
_		Engineering					
49	EC	B TECH	EC305	MICROPROCE	Υ	Υ	Υ
		Electronics &		SSORS &			
		Communicati		MICROCONTR			
		on		OLLERS			
		Engineering					
50	EC	B TECH	EC307	POWER	Υ	Υ	
		Electronics &		ELECTRONICS			
		Communicati		&			
		on		INSTRUMENT			
		Engineering		ATION			
51	EC	B TECH	EC361*	DIGITAL	Υ	Υ	Υ
		Electronics &		SYSTEM			
		Communicati		DESIGN			
		on					,
		Engineering					
52	EC	В ТЕСН	EC304	VLSI	Υ		
		Electronics &					
		Communicati					
		on					
		Engineering					
53	EC	B TECH	EC306	ANTENNA &	Υ		Υ
		Electronics &		WAVE			
		Communicati		PROPAGATIO			
		on		N			
		Engineering					
54	EC	B TECH	EC308	EMBEDDED	Υ	Υ	Υ
		Electronics &		SYSTEMS			'
		Communicati		0.0.2			
		on					
		Engineering					
55	EC	B TECH	EC268*	ROBOTICS	Y	Y	Y
		Electronics &			'	'	*
		Communicati					
		on					
10	LEGE OF	Engineering					
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56	EC	B TECH	EC403	MICROWAVE	Υ		Υ
		Electronics &		& RADAR			
		Communicati		ENGINEERIN			
		on					
		Engineering					
57	EC	B TECH	EC405	OPTICAL	Υ	Υ	Y
		Electronics &		COMMUNICA			
		Communicati		TION			
		on					
		Engineering					
58	EC	В ТЕСН	EC409	CONTROL		Υ	Y
		Electronics &		SYSTEMS			
		Communicati					
		on					
		Engineering					
59	EC	B TECH	EC461#	MICROWAVE	Υ	Υ	
		Electronics &		DEVICES AND			
		Communicati		CIRCUITS			
		on					
		Engineering					
60	EC	B TECH	EC402	NANO	Υ		Υ
		Electronics &		ELECTRONICS			
		Communicati					
		on					
		Engineering					
61	EC	B TECH	EC464#	LOW POWER	Υ		
		Electronics &		VLSI DESIGN			
		Communicati					
		on					
		Engineering					
62	ECVL	MTECH VLSI	08EC63	CMOS VLSI	Υ	Υ	
		VLSI Design	21	DESIGN			
63	ECVL	MTECH VLSI	08EC63	ADVANCED	Υ	Υ	Υ
		VLSI Design	31	DSD		<u> </u>	
64	ECVL	MTECH VLSI	08EC63	VLSI	Υ		Υ
		VLSI Design	41	FABRICATION			
				TECHNOLOGY			
65	ECVL	MTECH VLSI	08EC63	DIGITAL	Υ		Y
		VLSI Design	51	INTEGRATED			
100				CIRCUITS			

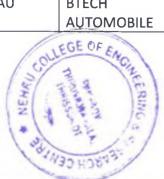
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66	ECVL	MTECH VLSI	08 EC	ANALOG VLSI	Υ	Υ	Υ
		VLSI Design	6312	DESIGN			
67	ECVL	MTECH VLSI	08 EC	CAD OF VLSI	Υ	Υ	
		VLSI Design	6322	CIRCUITS			
68	ECVL	MTECH VLSI	08 EC	TESTING &	Υ		Y
		VLSI Design	6332	VERIFICATION			
				OF VLSI			
				CIRCUITS			
69	ECVL	MTECH VLSI	08 EC	LOW POWER	Υ		
		VLSI Design	6342(A)	VLSI DESIGN			
70	ECVL	MTECH VLSI	08 EC	SoC DESIGN &		Υ	Y
		VLSI Design	6352(B)	VERIFICATION			
71	ECVL	MTECH VLSI	08EC73	FPGA	Υ	Υ	Υ
		VLSI Design	13	ARCHITECTUR			
				Е			
72	ECVL	MTECH VLSI	08EC73	SYSTEM	Υ	Υ	Υ
		VLSI Design	23	VERILOG			
73	AU	BTECH	AU201	S I Engines &	Υ		
		AUTOMOBILE		Combustion			
		ENGINEERING					
74	AU	BTECH	AU203	Auto Chassis	Υ	Υ	Υ
		AUTOMOBILE					
		ENGINEERING					
75	AU	BTECH	AU204	C I Engines &	Υ		
		AUTOMOBILE		Combustion			
		ENGINEERING					
76	AU	BTECH	AU206	Auto	Υ		Υ
		AUTOMOBILE		Transmission			
		ENGINEERING					
77	AU	BTECH	ME307	Machine	Υ		
		AUTOMOBILE		Design-I			
		ENGINEERING					
78	AU	BTECH	AU307	Vehicle Body	Υ		Υ
		AUTOMOBILE		Engineering			
		ENGINEERING					
79	AU	BTECH	AU364	Vehicle	Υ		Υ
		AUTOMOBILE		Performance			
		ENGINEERING		& Testing			
80	AU	BTECH	AU403	Vehicle	Υ		
	1	AUTOMOBILE		Dynamics			







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		ENGINEERING					
81	AU	BTECH AUTOMOBILE ENGINEERING	AU407	Advanced I C Engines	Y		
82	AU	BTECH AUTOMOBILE ENGINEERING	AU409	Simulation & Analysis of IC Engine Processes	Y		
83	AU	BTECH AUTOMOBILE ENGINEERING	AU410	Vehicle Transport & Fleet Management	Υ	Y	Y
84	AU	BTECH AUTOMOBILE ENGINEERING	AU402	Two and Three Wheelers	Y		Y
85	AU	BTECH AUTOMOBILE ENGINEERING	AU404	Engine & Vehicle Management Systems	Y		Y
86	AU	BTECH AUTOMOBILE ENGINEERING	AU462	Vehicle Maintenance	Y	Y	Y
87	EE	B Tech., Electrical and Electronics Engineering	EE201	Circuits and, Networks	Υ	Y	Y
88	EE	B Tech., Electrical and Electronics Engineering	EE203	Analogue Electronic Circuits	Y	Υ	Y
89	EE	B Tech., Electrical and Electronics Engineering	EE205	DC Machines and Transformers	Y	Y	Y
90	EE	B Tech., Electrical and Electronics Engineering	EE207	Computer Programming	Y		
91	EEGINE	R Tech., Electrical and	EE301	Power Generation,	Y	Υ	Y

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							Since 1
		Electronics Engineering		Transmission and Protection			
92	EE	B Tech., Electrical and Electronics Engineering	EE303	Linear Control Systems	Υ	Y	Y
93	EE	B Tech., Electrical and Electronics Engineering	EE305	Power Electronics	Y	Υ	Y
94	EE	B Tech., Electrical and Electronics Engineering	EE307	Signals and Systems	Y	Y	Y
95	EE	B Tech., Electrical and Electronics Engineering	EE367	New and Renewable Energy Systems	Y	Υ	Υ
96	EE	B Tech., Electrical and Electronics Engineering	EE302	Electromagne tics	Y		
97	EE	B Tech., Electrical and Electronics Engineering	EE304	Advanced Control Theory	Y	Y	Y
98	EE	B Tech., Electrical and Electronics Engineering	EE306	Power System Analysis	Y	Y	Y
99	EE	B Tech., Electrical and Electronics Engineering	EE308	Electric Drives	Y	Y	Y
100	EE	B Tech., Electrical and Electronics Engineering	EE403	Distributed generation and smart grids	Y	Y	Y
101	EFGI	B Tech.,	EE405	Electrical	Υ	Y	Y

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		Electrical and Electronics Engineering		system design			
102	EE	B Tech., Electrical and Electronics Engineering	EE407	Digital Signal Processing	Y	Y	Y
103	EE	B Tech., Electrical and Electronics Engineering	EE409	Electrical Machine Design	Y	Y	Y
104	EE	B Tech., Electrical and Electronics Engineering	EE402	Special Electric Machines	Υ	Y	Y
105	MCA	Masters in Computer Applications	RLMCA 105	Applied Probability and Statistics	Υ		
106	MCA	Masters in Computer Applications	RLMCA 104	Data Structures	Υ		
107	MCA	Masters in Computer Applications	RLMCA 201	Computer Networks	Υ		
108	MCA	Masters in Computer Applications	RLMCA 203	Software Engineering	Y		
109	MCA	Masters in Computer Applications	RLMCA 205	Database Management Systems	Y		
110	MCA	Masters in Computer Applications	RLMCA 209	Web Programming	Y		
111	MCA	Masters in Computer Applications	RLMCA 204	Bigdata Technologies	Y		
112	MCA	Masters in Computer Applications	RLMCA 206	Mobile Computing	Υ		
1113	MCA	Masters in	RLMCA	Introduction	Υ	1	

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		Computer	208	to Machine			
		Applications		Learning			
114	MCA	Masters in	RLMCA	E-Commerce	Υ		
		Computer	303				
		Applications					
115	MCA	Masters in	RLMCA	Cryptography	Y		
		Computer	305	and Cyber			
		Applications		Security			
116	MCA	Masters in	RLMCA	Social	Υ		
		Computer	371	Network			
		Applications		Analysis			
117	MCA	Masters in	RLMCA	Cloud	Υ		
		Computer	381	Computing			
		Applications				<u> </u>	
118	ME	BTECH	ME 201	Mechanics of	Υ		
		MECHANICAL		Solids			
		ENGINEERING			<u></u>		
119	ME	BTECH	ME 203	Mechanics of	Υ		
		MECHANICAL		Fluids			
		ENGINEERING					
120	ME	BTECH	ME 205	Thermodyna	Υ		
		MECHANICAL		mics			
		ENGINEERING					
121	ME	BTECH	ME 210	Metallurgy	Υ		
		MECHANICAL		and Materials			
		ENGINEERING		Engineering			
122	ME	BTECH	ME 231	Computer	Υ		
		MECHANICAL		Aided			
		ENGINEERING		Machine			
				Drawing lab			
123	ME	BTECH	ME 301	Mechanics of	Υ		
		MECHANICAL		Machinery			
		ENGINEERING					
124	ME	BTECH	ME 303	Machine	Υ		
		MECHANICAL		Tools and			
		ENGINEERING		Digital			
				Manufacturin			
				g			
125	ME	BTECH	ME 331	Manufacturin	Υ		
	No.	MECHANICAL		g Technology		1	

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		ENGINEERING		Lab I		
126	ME	BTECH MECHANICAL ENGINEERING	ME 401	Design of Machine Elements	Y	
127	ME	BTECH MECHANICAL ENGINEERING	ME 405	Refrigeration and Air- Conditioning	Υ	
128	MEMD	Mtech Machine Design	ME08 6001	Research Methodology	Y	
129	MEMD	Mtech Machine Design	ME08 6021	Advanced Mechanics of Solids	Υ	
130	MEMD	Mtech Machine Design	ME08 6031	Theory of Vibrations	Y	
131	MEMD	Mtech Machine Design	ME08 6041	Design Engineering	Υ	
132	MEMD	Mtech Machine Design	08ME6 012	Advanced Machine design	Υ	
133	MEMD	Mtech Machine Design	08ME6 022	Advanced Mechanisms Design and Simulation	Y	
134	MEMD	Mtech Machine Design	08ME6 032	Advanced FEA	Υ	
135	MEMD	Mtech Machine Design	08ME6 042(A)	Composite Materials	Υ	
136	CSCE	M Tech Computer Science and Engineering	08 CS 6011	Operating System Design	Y	
137	CSCE	M Tech Computer Science and Engineering	08 CS 6021	Advanced Data Structures	Υ	1

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138	CSCE	M Tech	08 CS	Advanced	Υ	
		Computer	6012	Compiler		
		Science and		Design		
		Engineering				
139	CSCE	M Tech	08 CS	Big Data	Υ	
		Computer	6042(B)	Essentials		
		Science and				
		Engineering				
140	CSCE	M Tech	08 CS	Cloud	Υ	
		Computer	6052(A)	Computing	<u> </u>	
		Science and				
		Engineering				

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#### Academic Year 2017-2018

SI	Progra	Program	Course code	Course Name	Projec	Internshi	Field
No	m code	Name			t	р	visit
1	CS	B.Tech. Computer Science and Engineering	PH100	Engineering Physics	Y		
2	CS	B.Tech. Computer Science and Engineering	EE100	Basics of Electrical Engineering	Υ		
3	CS	B.Tech. Computer Science and Engineering	EC100	Basics of Electronics Engineering	Υ		
4	CS	B.Tech. Computer Science and Engineering	CS 100	Computer Programming	Y		
5	CS	B.Tech. Computer Science and Engineering	MA201	Linear Algebra & Complex Analysis	Υ		
6	CS	B.Tech. Computer Science and Engineering	CS205	Data Structures	Υ		
7	CS	B.Tech. Computer Science and Engineering	CS207	Electronics Devices & Circuits	Y		
8	CS	B.Tech. Computer Science and Engineering	CS202	Computer Organization and Architecture	Y		
9	CS +G <sub>(A)</sub>	B.Tech. Computer	CS204	Operating Systems	Υ		<b>b</b>

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		Science and				
		Engineering				
10	CS	B.Tech.	CS206	Object Oriented	Υ	
		Computer		Design and		
		Science and		Programming		
		Engineering				
11	CS	B.Tech.	CS208	Principles of	Υ	
		Computer		Database Design		
		Science and				
		Engineering				
12	CS	B.Tech.	CS301	Theory of	Υ	
12		Computer	(5501	Computation	'	
		Science and		Compatation		
		Engineering				
13	CS	B.Tech.	CS303	System Software	Υ	
13	CS	Computer	C3303	System Software	1	
		Science and				
1.4	CC	Engineering B.Tech.	66307	Dete		
14	CS	1	CS307	Data	Υ	
		Computer		Communication		
		Science and				
4.5	00	Engineering	00000			
15	CS	B.Tech.	CS309	Graph Theory and	Υ	
		Computer		Combinatorics		
		Science and				
		Engineering				
16	CS	B.Tech.	CS361	Soft Computing	Υ	
		Computer				ļ
		Science and				
		Engineering				
17	CS	B.Tech.	CS302	Design and	Υ	
		Computer		Analysis of		
		Science and		Algorithms		
		Engineering				
18	CS	B.Tech.	CS304	Compiler Design	Υ	
		Computer				
		Science and				
	1.	Engineering				
19	CS	B.Tech.	CS306	Computer	Υ	
= OF	ENGL	Computer		Networks		
3/	1.C.			<del></del>	1	1

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		Caionas and	1			
		Science and				
		Engineering	00000	C 5:		
20	CS	B.Tech.	CS308	Software	Y	
		Computer		Engineering and		
		Science and		Project		
		Engineering		Management		
21	CS	B.Tech.	CS364	Mobile Computing	Υ	
		Computer			1	
		Science and				
		Engineering				
22	CS	B.Tech.	CS368	Web Technologies	Υ	
		Computer				
		Science and				
		Engineering				
23	CS	B.Tech.	CS14 701	Design & Analysis	Υ	
		Computer		of Algorithm		
		Science and				
		Engineering				
24	CS	B.Tech.	CS14 702	Cryptography &	Y	
		Computer		Network Security		
		Science and				
		Engineering				
25	CS	B.Tech.	CS14 703	Artificial	Y	
		Computer		Intelligence		
		Science and				
		Engineering				
26	CS	B.Tech.	CS14 801	Computer	Υ	
		Computer		Architecture &		
		Science and		Parallel Processing		
		Engineering				
27	CS	B.Tech.	CS14 803	Data Mining and	Υ	
		Computer		Warehousing		
		Science and				
		Engineering				
28	CS	B.Tech.	CS14 704	Object Oriented	Υ	
		Computer	(A)	Modeling and		
		Science and		Design		
		Engineering				
29	CS, FENG	B.Tech.	CS14 805	Advanced	Υ	
Carpy		Computer	(A)	Database Design		1
3/	75 . 16	117				10



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		Science and Engineering					
30	ECEA	M.Tech Applied Electronics & Communicati on System	08 EC 6121	DESIGN OF DSP SYSTEMS	Y	Y	Y
31	ECEA	M.Tech Applied Electronics & Communicati on System	08 EC 6131	ADVANCED DIGITAL COMMUNICATION	Y		
32	ECEA	M.Tech Applied Electronics & Communicati on System	08 EC 6141	SYSTEM DESIGN USING EMBEDDED PROCESSORS	Y	Y	Y
33	ECEA	M.Tech Applied Electronics & Communicati on System	08 GN 6001	RESEARCH METHODOLOGY	Y	Y	Y
34	ECEA	M.Tech Applied Electronics & Communicati on System	08 EC 6171	EMBEDDED & SIGNAL PROCESSING SYSTEM LAB	Y	Y	
35	ECEA	M.Tech Applied Electronics & Communicati on System	08EC6112	DIGITAL SYSTEM DESIGN	Y		Y
36	ECEA	M.Tech Applied Electronics & Communicati on System	08EC6122	WIRELESS COMMUNICATION	Y	Y	
37 LEGE	ECEA	M.Tech Applied Electronics &	08EC6132	DIGITAL MOS CIRCUITS	Υ		

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			1		I		
		Communicati					
		on System					
38	ECEA	M.Tech	08EC7113(C	BIOMEDICAL	Υ		
		Applied	)	SIGNAL			
		Electronics &		PROCESSING			
		Communicati					
		on System					
39	ECEA	M.Tech	08EC7123(C	SECURE	Υ	Υ	Υ
		Applied	)	COMMUNICATION			
		Electronics &					
		Communicati					
		on System					
40	ECEA	M.Tech	08EC6151A	Information	Υ	Υ	Υ
		Applied		Theory			
		Electronics &					
		Communicati					
		on System					
41	ECEA	M.Tech	08EC6151D	Optical	Υ	Υ	Υ
		Applied		Communication			
		Electronics &					
		Communicati					
		on System					
42	ECEA	M.Tech	08EC6142A	Multirate Signal	Y		
		Applied		Processing and			
		Electronics &		Filter Bank			
		Communicati					
		on System					
43	ECEA	M.Tech	08EC6152B	Wavelets Theory	Υ	Υ	Υ
		Applied					
		Electronics &					
		Communicati					
		on System					
44	ECEA	M.Tech	08EC6152C	Power Electronics	Υ	Υ	Υ
		Applied					
		Electronics &					
		Communicati					
		on System					
45	ECEA	M.Tech	08EC6152D	Electronics System	Υ		Υ
	-	Applied		Design			
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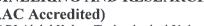
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		Communicati					
46	ECEA	on System M.Tech Applied Electronics & Communicati on System	08EC7113B	Speech and Audio Processing	Y	Y	Y
47	ECEA	M.Tech Applied Electronics & Communicati on System	08EC7113C	Biomedical Signal Processing	Y	Y	Y
48	ECEA	M.Tech Applied Electronics & Communicati on System	08EC7123A	Linear System Theory	Y		
49	ECEA	M.Tech Applied Electronics & Communicati on System	08EC7123C	Secure Communications	Y	Y	Y
50	EC	B TECH Electronics & Communicati on Engineering	EC201	NETWORK THEORY	Y	Y	Y
51	EC	B TECH Electronics & Communicati on Engineering	EC203	SOLID STATE DEVICES	Y		
52	EC	B TECH Electronics & Communicati on Engineering	EC205	ELECTRONIC CIRCUITS	Y	Y	Y
53	EC	B TECH Electronics & Communicati	EC207	LOGIC CIRCUIT DESIGN	Y	Y	Υ



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	]	on			<u> </u>		5.7165
		Engineering					
54	54 EC	B TECH Electronics & Communicati	EC204	ANALOG INTEGRATED CIRCUITS	Y	Y	Y
		Engineering					
55	EC	B TECH Electronics & Communicati on Engineering	EC206	COMPUTER ORGANIZATION	Υ		
56	EC	B TECH Electronics & Communicati on Engineering	EC208	ANALOG COMMUNICATION ENGINEERING	Y	Y	Y
57	EC	B TECH Electronics & Communicati on Engineering	EC301	DIGITAL SIGNAL PROCESSING	Y	Y	Y
58	EC	B TECH Electronics & Communicati on Engineering	EC303	APPLIED ELECTROMAGNETI C THEORY	Y		
59	EC	B TECH Electronics & Communicati on Engineering	EC305	MICROPROCESSOR S & MICROCONTROLLE RS	Y	Υ	Y
60	EC	B TECH Electronics & Communicati on Engineering	EC307	POWER ELECTRONICS & INSTRUMENTATIO N	Υ	Y	Y
61	EC	B TECH Electronics & Communicati	EC361*	DIGITAL SYSTEM DESIGN	Υ		Y

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		on					
		Engineering					
62	EC	B TECH	EC333	DIGITAL SIGNAL	Υ	Υ	Υ
	!	Electronics &		PROCESSING LAB			
		Communicati					
		on					
		Engineering					
63	EC	B TECH	EC304	VLSI	Υ	Υ	Υ
		Electronics &					
		Communicati					
		on					
<u> </u>	F.C.	Engineering	56205	ANTENINA C MANAGE			
64	EC	B TECH	EC306	ANTENNA & WAVE	Υ		
		Electronics & Communicati		PROPAGATION			
		on					
		Engineering					
65	EC	B TECH	EC268*	ROBOTICS	Υ	Υ	Υ
05		Electronics &	10200	Robotics	'	'	'
		Communicati					
		on					
		Engineering					
66	EC	B TECH	EC332	COMMUNICATION	Υ	Υ	Υ
		Electronics &		ENGG LAB			
		Communicati		(ANALOG &			
		on		DIGITAL)			
		Engineering					
67	EC	B TECH	EC14 701	Information	Υ		i
		Electronics &		Theory and Coding			
		Communicati					
		on			:		
		Engineering			-		
68	EC	B TECH	EC14 702	Microwave	Υ	Υ	Υ
		Electronics &		Engineering			
		Communicati					
		on					
60	r.c	Engineering	FC1 4 702	District	1/	- \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
69	EC	B TECH Electronics &	EC14 703	Digital System	Υ	Y	Υ
EUL	26	Communicati		Design			
-	10	Communicati			<u> </u>	F 1.0	

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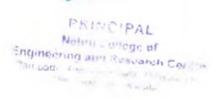




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		on					
		Engineering					!
70	EC	B TECH Electronics & Communicati	EC14 704(A)	Internet Technology (Global)	Y	Υ	Υ
.,-		on Engineering					
71	EC	B TECH Electronics & Communicati on Engineering	EC14 704(B)	Television and Radar Engineering	Y		Y
72	EC	B TECH Electronics & Communicati on Engineering	EC14 704(C)	Embedded Systems	Y	Y	Υ
73	EC	B TECH Electronics & Communicati on Engineering	EC14 704(D)	Nanotechnology	Υ	Y	Υ
74	EC	B TECH Electronics & Communicati on Engineering	EC14 704(E)	Image and Video Processing	Y	Y	Y
75	EC	B TECH Electronics & Communicati on Engineering	EC14 705(B)	HIGH SPEED DIGITAL DESIGN	Y		
76	EC	B TECH Electronics & Communicati on Engineering	EC14 705(E)	BIOMEDICAL INSTRUMENTATIO N	Y		Υ
77	EC	B TECH Electronics & Communicati	EC14 803	Wireless Mobile Communications	Υ	Y	Υ









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							Since
		on Engineering					
78	EC	B TECH Electronics & Communicati on Engineering	EC14 804(C)	MICROWAVE ACTIVE DEVICES AND CIRCUITS	Y	Y	Y
79	EC	B TECH Electronics & Communicati on Engineering	EC14 804(D)	MOBILE COMPUTING	Y	Y	Y
80	EC	B TECH Electronics & Communicati on Engineering	EC14 805(E)	ADVANCED DIGITAL SIGNAL PROCESSING	Y		
81	ECVL	M.Tech : VLSI DESIGN	08EC6321	CMOS VLSI DESIGN	Υ	Υ	Y
82	ECVL	M.Tech : VLSI DESIGN	08EC6331	ADVANCED DSD	Υ	Y	Υ
83	ECVL	M.Tech : VLSI DESIGN	08EC6341	VLSI FABRICATION TECHNOLOGY	Υ	Υ	Y
84	ECVL	M.Tech : VLSI DESIGN	08EC6351	DIGITAL INTEGRATED CIRCUITS	Υ		Υ
85	ECVL	M.Tech : VLSI DESIGN	08 EC 6312	ANALOG VLSI DESIGN	Υ		
86	ECVL	M.Tech : VLSI DESIGN	08 EC 6322	CAD OF VLSI CIRCUITS	Υ	Y	
87	ECVL	M.Tech : VLSI DESIGN	08 EC 6332	TESTING & VERIFICATION OF VLSI CIRCUITS	Υ		
88	ECVL	M.Tech : VLSI DESIGN	08 EC 6342(A)	LOW POWER VLSI DESIGN	Υ	Y	
89	ECVL	M.Tech : VLSI DESIGN	08 EC 6352(B)	SoC DESIGN & VERIFICATION	Υ		
90	ECVL	M.Tech : VLSI DESIGN	08EC7313	FPGA ARCHITECTURE	Υ	Y	Υ
91	EGVL	M.Tech : VLSI	08EC7323	SYSTEM VERILOG	Υ	Υ	Y(JD







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		DESIGN					
92	ECVL	M.Tech : VLSI DESIGN	08EC6351A	Electronic System Design	Υ		
93	ECVL	M.Tech : VLSI DESIGN	08EC6351B	Digital Integrated Circuits Design	Υ	Y	Υ
94	ECVL	M.Tech : VLSI DESIGN	08EC6351C	Designing with Microcontrollers	Y		
95	ECVL	M.Tech : VLSI DESIGN	08EC6342A	Low Power VLSI Design	Υ		Υ
96	ECVL	M.Tech : VLSI DESIGN	08EC6342C	Design of Digital Signal Processing	Υ	Υ	
97	ECVL	M.Tech : VLSI DESIGN	08EC6352A	Hign Speed Digital Design	Υ		Υ
98	ECVL	M.Tech : VLSI DESIGN	08EC6352C	Nano electronics	Y	Υ	Υ
99	ECVL	M.Tech : VLSI DESIGN	08EC7313A	FPGA Architecture & Applications	Υ		Υ
10 0	ECVL	M.Tech : VLSI DESIGN	08EC7313B	Mixed SignalSystem Design	Y	Y	
10 1	ECVL	M.Tech : VLSI DESIGN	08EC7323A	System Verilog	Y	Υ	
10 2	ECVL	M.Tech : VLSI DESIGN	08EC7323C	VLSI Signal Processing	Y		Υ
10 3	AU	BTECH AUTOMOBILE ENGINEERING	AU201	S I Engines & Combustion	Y		
10 4	AU	BTECH AUTOMOBILE ENGINEERING	AU203	Auto Chassis	Y	Y	Y
10 5	AU	BTECH AUTOMOBILE ENGINEERING	AU204	C I Engines & Combustion	Y		
10 6	AU	BTECH AUTOMOBILE ENGINEERING	AU206	Auto Transmission	Y		Y
10 7	AU	BTECH AUTOMOBILE ENGINEERING	AU307	Vehicle Body Engineering	Y	Y	Y
10	AU	ВТЕСН	AU364	Vehicle	Υ	Υ	Υ

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8		AUTOMOBILE ENGINEERING		Performance &			
10 9	AU	BTECH AUTOMOBILE ENGINEERING	AM14 802	Testing Automotive Safety & Pollution Control	Y		
11 0	AU	BTECH AUTOMOBILE ENGINEERING	AM14 804 (A)	Vehicle Body Engineering	Y	Y	Y
11 1	AU	BTECH AUTOMOBILE ENGINEERING	AM14 805 (E)	Vehicle Performance & Testing	Y	Y	Y
11 2	EE	B Tech., Electrical and Electronics Engineering	EE201	Circuits and Networks	Υ	Y	Υ
11 3	EE	B Tech., Electrical and Electronics Engineering	EE203	Analog Electronic Circuits	Υ	Y	Υ
11 4	EE	B Tech., Electrical and Electronics Engineering	EE205	DC Machines and Transformers	Υ	Y	Y
11 5	EE	B Tech., Electrical and Electronics Engineering	EE207	Computer Programming	Υ	Y	Y
11 6	EE	B Tech., Electrical and Electronics Engineering	EE301	Power Generation, Transmission and Protection	Υ	Y	Y
11 7	EE	B Tech., Electrical and Electronics Engineering	EE303	Linear Control Systems	Y	Y	Y
11 8	EE	B Tech., Electrical and Electronics Engineering	EE305	Power Electronics	Y	Y	Y



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11 9	EE	B Tech., Electrical and Electronics Engineering	EE307	Signals and Systems	Y	Y	Y
12	EE	B Tech., Electrical and Electronics Engineering	EE367	New and Renewable Energy Systems	Y	Y	Υ
12	EE	B Tech., Electrical and Electronics Engineering	EE302	Electromagnetics	Y		
12	EE	B Tech., Electrical and Electronics Engineering	EE304	Advanced Control Theory	Y	Y	Y
12	EE	B Tech., Electrical and Electronics Engineering	EE306	Power System Analysis	Y	Y	Y
12	EE	B Tech., Electrical and Electronics Engineering	EE308	Electric Drives	Υ	Y	Y
12 5	EE	B Tech., Electrical and Electronics Engineering	EE14 701	Power System Analysis	Y	Y	Υ
12 6	EE	B Tech., Electrical and Electronics Engineering	EE14 703	Electric Drives	Υ	Υ	Υ
12 7	EE	B Tech., Electrical and Electronics Engineering	EE14 704(B)	Electrical Machine Design	Y	Y	Y
12 8	EE ENGINE	B Tech., Electrical and Electronics Engineering	EE14 705(B)	High Voltage Engineering	Y	Y	Y

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9	EE	B Tech., Electrical and Electronics Engineering	EE14 801	Electrical System Design	Υ	Y	Y
13 0	MCA	Masters in Computer Applications	RLMCA107	Principles of Management	Y		
13	MCA	Masters in Computer Applications	RLMCA102	Object Oriented Programming			
13	MCA	Masters in Computer Applications	RLMCA104	Data Structures	Υ		
13	MCA	Masters in Computer Applications	RLMCA112	Computer Organization and Architecture	Y		
13 4	MCA	Masters in Computer Applications	RLMCA207	Design and Analysis of Algorithms	Y		
13 5	MCA	Masters in Computer Applications	RLMCA204	Bigdata Technologies	Υ		
13 6	MCA	Masters in Computer Applications	MCA 10 401	Cryptography and Network Security	Υ		
13 7	MCA	Masters in Computer Applications	MCA 10 402	Software Architecture and Project Management	Y		
13 8	MCA	Masters in Computer Applications	MCA 10 403	Web Programming	Y		
13 9	MCA	Masters in Computer Applications	MCA 10 404 C	Advanced DBMS			
14 0	MCA	Masters in Computer Applications	MCA 10 405 C	Embedded Systems	Y		
14	MCA FGE OF	Masters in Computer	MCA10 502	Computer Graphics and Multimedia	Υ		



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	-	Applications		Systems	
14 2	MCA	Masters in Computer Applications	MCA10 503	Wireless Communication	V
14	ME	BTECH MECHANICAL ENGINEERING	ME 204	Thermal Engineering	Y
14 4	ME	BTECH MECHANICAL ENGINEERING	ME 206	Fluid Machinery	Y
14 5	ME	BTECH MECHANICAL ENGINEERING	ME 220	Manufacturing Technology	Y
14 6	ME	BTECH MECHANICAL ENGINEERING	ME 304	Dynamics of Machinery	Y
14 7	ME	BTECH MECHANICAL ENGINEERING	ME 306	Advanced Manufacturing Technology	Υ
14 8	ME	BTECH MECHANICAL ENGINEERING	ME14 701	Refrigeration and Air-conditioning	Y
14 9	ME	BTECH MECHANICAL ENGINEERING	ME14 702	Machine Design II	Y
15 0	MEMD	MTECH Machine Design	ME08 6021	Advanced Mechanics of Solids	Y
15 1	MEMD	MTECH Machine Design	ME08 6031	Theory of Vibrations	Y
15 2	MEMD	MTECH Machine Design	ME08 6041	Design Engineering	Y
15 3	MEMD	MTECH Machine Design	08ME6012	Advanced Machine design	Y
15 4	MEMD.	MIECH Wachine	08ME6022	Advanced Mechanisms	Y



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		Design		Design and Simulation		
15 5	MEMD	MTECH Machine Design	08ME6032	Advanced FEA	Υ	
15 6	MEMD	MTECH Machine Design	08ME6042( A)	Composite Materials	Y	



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SI No	Program code	Program Name	Course code	Course Name	Project	Internship	Field visit
1	CS	B.Tech. Computer Science and Engineering	EC100	Basics of Electronics Engineering	Y		
2	CS	B.Tech. Computer Science and Engineering	CS 100	Computer Programming	Y		
3	CS	B.Tech. Computer Science and Engineering	CS201	Discrete Computational Structures	Y		
4	CS	B.Tech. Computer Science and Engineering	CS205	Data Structures	Y		
5	CS	B.Tech. Computer Science and Engineering	CS207	Electronics Devices & Circuits	Y		
6	CS	B.Tech. Computer Science and Engineering	CS204	Operating Systems	Y		
7	CS	B.Tech. Computer Science and Engineering	CS206	Object Oriented Design and Programming	Υ		
8	CS	B.Tech. Computer Science and Engineering	CS208	Principles of Database Design	Y		9-

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19	CS	B.Tech. Computer Science and Engineering	CS09 L04	Object Oriented Modeling and Design	Y		
20	CS	B.Tech. Computer Science and Engineering	CS09 L11	Advanced Database Design	Υ		
21	CSCC	M.Tech Cyber Security	08CS 6221	Internetworkin g – Protocols and Security	Υ		
22	CSCC	M.Tech Cyber Security	08CS 6231	Advanced Cryptography	Υ		
23	CSCC	M.Tech Cyber Security	08CS 6241	Advanced Computer Architecture	Υ		
24	CSCC	M.Tech Cyber Security	08CS 6251(A)	High Speed Networks	Υ		
25	EC	B TECH Electronics & Communica tion Engineering	BE101	INTRODUCTIO N TO ELECTRONICS ENGINEERING	Y		Y
26	EC	B TECH Electronics & Communica tion Engineering	BE102	DESIGN & ENGINEERING	Y	Y	Y
27	EC	B TECH Electronics & Communica tion Engineering	EC201	NETWORK THEORY	Y	Y	Y
.28hc	EC	B TECH Electronics	EC203	SOLID STATE DEVICES	Υ		

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	& Communica					
EC	B TECH	EC205	ELECTRONIC	Υ	Υ	Υ
			i			
	&					
	Communica					
	tion					
	Engineering					
EC	B TECH	EC207	LOGIC CIRCUIT	Υ		Υ
	Electronics		DESIGN			
	&					
	Communica					
EC		EC204	1	Y	Υ	
			CIRCUITS			
EC	<del> </del>	EC208	ANALOG	V	V	Υ
EC		EC206	1	1	<b>T</b>	Y
			LINGINEERING			
EC	B TECH	EC14 501	Computer	Υ		
	Electronics					
	&		_			
	Communica	1				
	tion					
	Engineering					
EC	В ТЕСН	EC14 502	Linear	Υ		Υ
	Electronics		Integrated			
	&		Circuits			
	1					
050-3	Engineering					
	EC EC	EC B TECH Electronics & Communica tion Engineering	Communication Engineering  EC B TECH Electronics & Communication Engineering	Communica tion Engineering  EC B TECH Electronics & COMMUNICAT ION ENGINEERING  EC B TECH Electronics & Architecture  EC B TECH Electronics & Communica tion Engineering  EC B TECH Electronics & Communica tion Engineering	Communication Engineering  EC B TECH Electronics & COMMUNICAT ION Engineering  EC B TECH Electronics & COMPUTER INTEGRATED Computer Organization & Architecture  Y Integrated Circuits Circuits	Communication Engineering EC B TECH Electronics & Communication Engineering

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35	EC	В ТЕСН	EC14 503	Digital	Υ	Υ	Υ
		Electronics		Communicatio			
		&		n			
		Communica					
		tion					
		Engineering					
36	EC	B TECH	EC14 504	Electromagneti	Υ		
		Electronics		c Field Theory			
		&					
		Communica					
		tion					
		Engineering					
37	EC	B TECH	EC14 505	Microprocesso	Υ	Y	Υ
٥,		Electronics	2011303	rs and		'	
		&		Microcontrolle			
		Communica		rs			
		tion					
		Engineering					
38	EC	B TECH	EC14 601	Radiation and	Υ		Υ
30		Electronics	1014 001	Propagation	'		'
		&		Tropugation			
		Communica					
		tion					
		Engineering					
39	EC	B TECH	EC14 602	Optical	Υ	Υ	Y
33	10	Electronics	1014 002	Communicatio	Ī	1	1
		&					
		Communica		n			
		tion					
40	EC	Engineering B TECH	EC14 603	VICI docion	Υ	Y	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
40		1	EC14 603	VLSI design	Y	Y	Y
		Electronics					
		&					
		Communica					
		tion					
41		Engineering	5044504	D. 1. 1.01			
41	EC	B TECH	EC14 604	Digital Signal	Υ		Y
		Electronics		Processing			
, 60	OF	&					
Charles	100	Communica					
3		tion				A	الم

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		Engineering					
42	EC	B TECH Electronics & Communica tion Engineering	EC14 605	Control Systems	Y		
43	EC	B TECH Electronics & Communica tion Engineering	EC14 606	Satellite Communicatio n	Y	Y	Y
44	EC	B TECH Electronics & Communica tion Engineering	EC09 701	INFORMATIVE THEORY AND CODING	Y		
45	EC	B TECH Electronics & Communica tion Engineering	EC09 702	MICROWAVE ENGINEERING	Y	Y	
46	EC	B TECH Electronics & Communica tion Engineering	EC09 703	ANALOG & MIXED MOS CIRCUITS			
47	EC	B TECH Electronics & Communica tion Engineering	EC09 704	DIGITAL SYSTEM DESIGN	Y	Y	Y
48 E OF	EC	B TECH Electronics &	EC09 801	DATA & COMMUNICAT ION	Υ	Y	1

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		Communica	<del> </del>	NETWORKS		1	Since
		tion		NETWORKS			
		Engineering					
49	EC	B TECH	EC09 802	WIRELESS	Υ		Y
1.5		Electronics	2003 002	MOBILE	,		'
		&		COMMUNICAT			
		Communica		ION			
		tion					
		Engineering					
50	ECVL	MTECH VLSI	08EC6321	CMOS VLSI	Υ	Υ	Υ
				DESIGN			'
51	ECVL	MTECH VLSI	08EC6331	ADVANCED	Υ	Υ	Y
				DSD			'
52	ECVL	MTECH VLSI	08EC6341	VLSI	Υ	Υ	Υ
				FABRICATION			
				TECHNOLOGY			
53	ECVL	MTECH VLSI	08EC6351	DIGITAL	Υ		
				INTEGRATED			
				CIRCUITS			
54	ECVL	MTECH VLSI	08 EC 6312	ANALOG VLSI	Υ	Υ	Υ
		1		DESIGN			
55	ECVL	MTECH VLSI	08 EC 6322	CAD OF VLSI	Υ	Υ	Υ
				CIRCUITS			
56	ECVL	MTECH VLSI	08 EC 6332	TESTING &	Υ	Υ	Y
				VERIFICATION			
				OF VLSI			
				CIRCUITS			
57	ECVL	MTECH VLSI	08 EC	LOW POWER	Υ		
			6342(A)	VLSI DESIGN			
58	ECVL	MTECH VLSI	08 EC	SoC DESIGN &	Y	Υ	Υ
	_		6352(B)	VERIFICATION			
59	ECVL	MTECH VLSI	08EC7313	FPGA	Y	Υ	Υ
				ARCHITECTURE			
60	ECVL	MTECH VLSI	08EC7323	SYSTEM	Υ	Υ	Υ
				VERILOG			
61	ECVL	MTECH VLSI	08EC6351A	Electronic	Υ		
				System Design			
62	ECVL	MTECH VLSI	08EC6351B	Digital	Υ	Υ	Υ
0115				Integrated			
OUT	E 0 - 1			Circuits Design			

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							Sinc
63	ECVL	MTECH VLSI	08EC6342A	Low Power VLSI Design	Υ	Υ	Υ
64	ECVL	MTECH VLSI	08EC6352A	Hign Speed Digital Design	Υ	Y	Υ
65	ECVL	MTECH VLSI	08EC6352B	SoC Design & Verification	Υ		
66	ECVL	MTECH VLSI	08EC6352C	Nano electronics	Y	Y	Υ
67	ECVL	MTECH VLSI	08EC7313A	FPGA Architecture & Applications	Y	Y	Y
68	ECVL	MTECH VLSI	08EC7313B	Mixed SignalSystem Design	Y		Υ
69	ECVL	MTECH VLSI	08EC7323A	System Verilog	Υ	Υ	Υ
70	ECVL	MTECH VLSI	08EC7323B	Hardware Software Co Design	Υ		
71	ECVL	MTECH VLSI	08EC7323C	VLSI Signal Processing	Υ	Υ	
72	AU	BTECH AUTOMOBI LE ENGINEERI NG	AU201	S I Engines & Combustion	Υ		
73	AU	BTECH AUTOMOBI LE ENGINEERI NG	AU203	Auto Chassis	Y	Y	Y
74	AU	BTECH AUTOMOBI LE ENGINEERI NG	AU204	C I Engines & Combustion	Υ		
75	AU	BTECH AUTOMOBI LE ENGINEERI NG	AU206	Auto Transmission	Y	Y	Y

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							Since 1
76	AU	BTECH AUTOMOBI LE ENGINEERI NG	AM14 602	Vehicle Transport & Fleet management	Y	Y	Y
77	AU	BTECH AUTOMOBI LE ENGINEERI NG	AM14 604	Vehicle Dynamics	Y		
78	AU	BTECH AUTOMOBI LE ENGINEERI NG	AM09 704	Auto power plant	Y		Y
79	AU	BTECH AUTOMOBI LE ENGINEERI NG	AM 09 802	Vehicle Maintenance and Testing	Y	Υ	Y
80	EE	B Tech., Electrical and Electronics Engineering	MA101	Calculus	Υ		
81	EE	B Tech., Electrical and Electronics Engineering	EE 09 501	Synchronous and Induction Machines	Υ	У	У
82	EE	B Tech., Electrical and Electronics Engineering	EE 09 502	Power System Generation, Transmission and Distribution	Υ	У	У
83	EE CGE OF	B Tech., Electrical and Electronics Engineering	EE 09 503	Linear Control Systems	Y	У	У

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							Since
84	EE	B Tech., Electrical and Electronics Engineering	EE 09 504	Power Electronics	Υ	У	У
85	EE	B Tech., Electrical and Electronics Engineering	EE 09 801	Electrical System Design	Υ	У	У
86	EE	B Tech., Electrical and Electronics Engineering	EE 09 802	Power System Protection & Utilization	Υ	У	У
87	MCA	Masters in Computer Application s	RLMCA101	Problem Solving and Computer Programming	Y		
88	MCA	Masters in Computer Application s	RLMCA105	Applied Probability and Statistics	Y		
89	MCA	Masters in Computer Application s	RLMCA104	Data Structures	Y		
90	MCA	Masters in Computer Application s	RLMCA106	Operating Systems	Y		
91	MCA	Masters in Computer Application s	MCA 10 203	Database Management Systems	Y		
92	MCA	Masters in Computer Application s	MCA 10 302	Computer Networks	Υ		
93. :=	MEA	Masters in	MCA 10 304	Core Java	Υ		







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		Computer Application					
		S					
94	MCA	Masters in Computer Application s	MCA 10 401	Cryptography and Network Security	Y		
95	MCA	Masters in Computer Application s	MCA 10 403	Web Programming	Y		
96	MCA	Masters in Computer Application s	MCA 10 405 C	Embedded Systems	Y		
97	MCA	Masters in Computer Application s	MCA10 501	Object oriented modeling and Design	Y		
98	MCA	Masters in Computer Application s	MCA10 502	Computer Graphics and Multimedia Systems	Υ		
99	MCA	Masters in Computer Application s	MCA10 503	Wireless Communicatio n	Y		
100	MCA	Masters in Computer Application s	MCA10 504 B	Computer Architecture			
101	MCA	Masters in Computer Application s	MCA10 505 A	Data Mining and Data ware housing	Y		
102	ME	BTECH MECHANIC AL ENGINEERI NG	ME202	Advanced Mechanics of Solids	Υ	- 1	
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			I			1	Since
103	ME	BTECH MECHANIC AL ENGINEERI NG	ME206	Fluid Machinery	Υ		
104	ME	BTECH MECHANIC AL ENGINEERI NG	ME220	Manufacturing Technology	Υ		
105	ME	BTECH MECHANIC AL ENGINEERI NG	ME14 604	Machine Design I	Υ		
106	ME	BTECH MECHANIC AL ENGINEERI NG	ME14 502	Metal Cutting and Forming	Y		
107	MEMD	M.Tech. Machine Design	ME08 6041	Design Engineering	Y		
108	MEMD	M.Tech. Machine Design	08ME6012	Advanced Machine design	Υ		
109	MEMD	M.Tech. Machine Design	08ME6022	Advanced Mechanisms Design and Simulation	Y		
110	MEMD	M.Tech. Machine Design	08ME6032	Advanced FEA	Y		
111	MEMD	M.Tech. Machine Design	08ME6042( A)	Composite Materials	Υ		
112	CSCE	M Tech Computer Science and Engineering	08 CS 6042(B)	Big Data Essentials	Y	1	

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113	CSCE	M Tech	08 CS	Cloud	Υ	
		Computer	6052(A)	Computing		
		Science and				
		Engineering				
114	IT	B Tech	IT09 503	Embedded	Υ	
		Information		systems		
		Technology				
115	IT	B Tech	IT09 505	Digital data	Υ	
		Information		Communicatio		
		Technology		n		
116	IT	B Tech	IT09 602	Compiler	Υ	
		Information		Design		
		Technology				
117	IT	B Tech	IT09 603	Computer	Υ	
		Information		Networks		
		Technology				
118	IT	B Tech	IT09 604	Database	Υ	
		Information		Management		
		Technology		Systems		
119	IT	B Tech	IT09 701	Computer	Υ	
		Information		Graphics		
		Technology				



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#### Academic Year 2015-16

SI No	Program code	Program Name	Course code	Course Name	Project	Internship	Field visit
1	CS	B.Tech. Computer Science and Engineering	CS 100	Computer Programming	Υ		
2	CS	B.Tech. Computer Science and Engineering	CS14 403	Data Structures and Algorithms	Y		
3	CS	B.Tech. Computer Science and Engineering	CS14 404	Object Oriented Programming in Java	Y		
4	CS	B.Tech. Computer Science and Engineering	CS14 405	Systems Programming	Υ		
5	CS	B.Tech. Computer Science and Engineering	CS09 504	Operating Systems	Y		
6	CS	B.Tech. Computer Science and Engineering	CS09 505	Digital Data Communication	Y		
7	CS	B.Tech. Computer Science and Engineering	CS09 507(P)	Programming Paradigm Lab	Υ		
8	CS	B.Tech. Computer Science and Engineering	CS09 601	Embedded Systems	Y	(do	

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9	CS	B.Tech. Computer Science and Engineering	CS09 602	Compiler Design	Y		
10	CS	B.Tech. Computer Science and Engineering	CS09 603	Computer Networks	Υ		
11	CS	B.Tech. Computer Science and Engineering	CS09 604	Database Management Systems	Υ		
12	CS	B.Tech. Computer Science and Engineering	CS09 701	Wireless Networks and Mobile Communication Systems	Y		
13	CS	B.Tech. Computer Science and Engineering	CS09 703	Internet Technology	Υ		
14	CS	B.Tech. Computer Science and Engineering	CS09 802	Data mining andWarehousing	Υ		
15	CSCC	M.Tech Cyber Security	08CS 6251(A)	High Speed Networks	Υ		
16	CSCC	M.Tech Cyber Security	08CS 6212	Mobile and Wireless Network Security	Υ		
17	EC	B TECH Electronics & Communicati on Engineering	BE101	INTRODUCTION TO ELECTRONICS ENGINEERING	Υ	Υ	
18	EC	B TECH Electronics & Communicati on	EC110	ELECTRONICS ENGINEERING WORKSHOP	Υ	Y	Υ

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		Engineering					
19	EC	B TECH Electronics & Communicati on Engineering	EC14 303	Network Analysis & Synthesis	Y	Y	Y
20	EC	B TECH Electronics & Communicati on Engineering	EC14 304	Solid State Devices	Υ	Y	Y
21	EC	B TECH Electronics & Communicati on Engineering	EC14 305	Electronic Circuits I	Y	Υ	Υ
22	EC	B TECH Electronics & Communicati on Engineering	EC14 306	Electrical Engg.	Υ		
23	EC	B TECH Electronics & Communicati on Engineering	EC14 403	Signals and Systems	Y	Y	Υ
24	EC	B TECH Electronics & Communicati on Engineering	EC14 404	Electronic Circuits II	Υ	Υ	Υ
25	EC	B TECH Electronics & Communicati on Engineering	EC14 405	Digital Electronics	Υ	Y	Y
26	EC	B TECH Electronics & Communicati	EC14 406	Analog Communication	Υ	Υ	Y

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		on					
		on Engineering					
27	EC	B TECH	EC09501	DIGITAL SIGNAL	Υ		Υ
27	- C	Electronics &	ECOSSOI	PROCESSING	1		'
		Communicati		FIOCESSING			
		on					
		Engineering					
28	EC	B TECH	EC09503	ELECTROMAGNE	Υ		
20	EC	Electronics &	EC03303	TIC FIELD	I		
		Communicati	:	THEORY			
		on		ITILORI			
		Engineering					
29	EC	B TECH	EC09504	DIGITAL	Υ	Υ	Υ
		Electronics &		COMMUNICATIO			
		Communicati		N			
		on					
		Engineering					
30	EC	B TECH	EC09505	MICROPROCESS	Υ	Υ	Υ
		Electronics &		ORS &			
-		Communicati		MICROCONTROL			
		on		LERS			
		Engineering					
31	EC	В ТЕСН	EC09 506	LINEAR	Υ		
		Electronics &		INTEGRTED			
		Communicati		CIRCUITS			
		on					
		Engineering					
32	EC	B TECH	EC09 601	BASICS OF VLSI	Υ		
		Electronics &		DESIGN			
		Communicati					
		on					
	50	Engineering	F600 603	DADIATION AND	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	V	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
33	EC	B TECH	EC09 603	RADIATION AND	Y	Υ	Y
		Electronics &		PROPAGATION			
		Communicati					
	1	on					
24	FC	Engineering	FC00 C04	CONTROL	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	V	V
34	EC	B TECH	EC09 604	CONTROL	Y	Υ	Y
		Electronics &		SYSTEMS			
1	E 0. 9	Communicati					



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				,			
		on					
		Engineering					
35	EC	B TECH	EC09 605	OPTICAL	Υ	Υ	Υ
		Electronics &		COMMUNICATIO			
		Communicati		N			
		on					
		Engineering					
36	EC	B TECH	EC09 L04	SPEECH & AUDIO	Υ		
		Electronics &		PROCESSING			
		Communicati					
		on					
		Engineering					
37	EC	B TECH	EC09 L05	SATELLITE	Υ	Υ	
		Electronics &		COMMUNICATIO			
		Communicati		N			
		on					
		Engineering					
38	EC	В ТЕСН	EC09 701	INFORMATIVE	Υ		
		Electronics &		THEORY AND			
		Communicati		CODING			
		on					
		Engineering					
39	EC	B TECH	EC09 702	MICROWAVE	Υ	Υ	Υ
		Electronics &		ENGINEERING			
		Communicati					
		on					
40		Engineering					
40	EC	B TECH	EC09 703	ANALOG &	Υ	Υ	Y
		Electronics &		MIXED MOS			
		Communicati		CIRCUITS			
		on					
11	FC	Engineering	FC00 704	DICITAL CYCTER 4			V
41	EC	B TECH	EC09 704	DIGITAL SYSTEM	Y		Υ
		Electronics &		DESIGN			
		Communicati			!		
		on					
42	FC.	Engineering	FC00 004	DATAG			
42	EC	B TECH	EC09 801	DATA &	Y	Υ	Y
10	OF ENGY	Electronics & Communicati		COMMUNICATIO			
377		Communicati		N NETWORKS		. 1	

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		on					
		Engineering					
43	EC	B TECH Electronics & Communicati on Engineering	EC09 802	WIRELESS MOBILE COMMUNICATIO N	Υ	Y	Y
44	ECVL	MTECH VLSI	08EC6311	ADVANCED ENGG MATHEMATICS		Y	Y
45	ECVL	MTECH VLSI	08EC6321	CMOS VLSI DESIGN	Υ		
46	ECVL	MTECH VLSI	08EC6331	ADVANCED DSD	Υ	Υ	Υ
47	ECVL	MTECH VLSI	08EC6341	VLSI FABRICATION TECHNOLOGY	Υ	Y	Y
48	ECVL	MTECH VLSI	08EC6351	DIGITAL INTEGRATED CIRCUITS	Υ	Y	Υ
49	ECVL	MTECH VLSI	08 EC 6312	ANALOG VLSI DESIGN	Υ		Υ
50	ECVL	MTECH VLSI	08 EC 6322	CAD OF VLSI CIRCUITS	Υ	Y	
51	ECVL.	MTECH VLSI	08 EC 6332	TESTING & VERIFICATION OF VLSI CIRCUITS	Υ	Y	Y
52	ECVL	MTECH VLSI	08 EC 6342(A)	LOW POWER VLSI DESIGN	Υ	Y	Υ
53	ECVL	MTECH VLSI	08 EC 6352(B)	SoC DESIGN & VERIFICATION	Υ		
54	ECVL	MTECH VLSI	08EC7313	FPGA ARCHITECTURE	Υ	Υ	Y
55	ECVL	MTECH VLSI	08EC7323	SYSTEM VERILOG	Υ		Υ
56	ECVL	MTECH VLSI	08EC6351 A	Electronic System Design	Y	Υ	Y
57	ECVL	MTECH VLSI	08EC6351 B	Digital Integrated Circuits Design	Υ		Y
58	ECKL FA	MTECH VLSI	08EC6351 C	Designing with Microcontrollers		Υ	Υ

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59	ECVL	MTECH VLSI	08EC6342	Low Power VLSI	Υ	Υ	Υ
			А	Design			
60	ECVL	MTECH VLSI	08EC6342	Synthesis and	Υ		
			В	optimization of			
				Digital Circuits			
61	ECVL	MTECH VLSI	08EC6342	Design of Digital	Υ	Y	Υ
			С	Signal Processing			
62	ECVL	MTECH VLSI	08EC6352	Hign Speed	Υ	Υ	Υ
			Α	Digital Design			
63	ECVL	MTECH VLSI	08EC6352	SoC Design &	Υ		Υ
			В	Verification			
64	ECVL	MTECH VLSI	08EC6352 C	Nano electronics	Υ	:	
65	ECVL	MTECH VLSI	08EC7313	Mixed	Υ	Υ	Υ
		IVITE CIT VEST	B	SignalSystem	'	•	'
				Design			
66	ECVL	MTECH VLSI	08EC7313	ASIC Design		Υ	Υ
			C	, Note Design			ļ <sup>'</sup>
67	ECVL	MTECH VLSI	08EC7323	System Verilog	Υ	Υ	Υ
			Α	7,515			ļ <sup>'</sup>
68	ECVL	MTECH VLSI	08EC7323	Hardware			
			В	Software Co			
				Design			
69	ECVL	MTECH VLSI	08EC7323	VLSI Signal	Υ	Υ	Υ
			С	Processing			
70	ECEA	MTECH	08 EC 6111	MATHEMATICS		Υ	Υ
		Applied		FOR			
		Electronics		COMMUNICATIO			
		and		N ENGG.			
	:	Communicati					
		on Systems					
71	ECEA	MTECH	08 EC 6121	DESIGN OF DSP	Υ	Υ	Υ
		Applied		SYSTEMS			
1		Electronics					
		and					
		Communicati					
		on Systems					
72	ECEA	MTECH	08 EC 6131	ADVANCED	Υ		Υ
AC E	100	Applied		DIGITAL			
Or L	IGINE.	Electronics		COMMUNICATIO			1
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							Since 1
		and Communicati		N			
		on Systems					:
73	ECEA	MTECH Applied Electronics and Communicati on Systems	08 EC 6141	SYSTEM DESIGN USING EMBEDDED PROCESSORS	Υ	Y	
74	ECEA	MTECH Applied Electronics and Communicati on Systems	08 EC 6151(A)	INFORMATION THEORY	Υ	Υ	Y
75	ECEA	MTECH Applied Electronics and Communicati on Systems	08 GN 6001	RESEARCH METHODOLOGY	Y	Y	Y
76	ECEA	MTECH Applied Electronics and Communicati on Systems	08EC6112	DIGITAL SYSTEM DESIGN	Υ	Y	Y
77	ECEA	MTECH Applied Electronics and Communicati on Systems	08EC6122	WIRELESS COMMUNICATIO N	Y	Y	Y
78	ECEA	MTECH Applied Electronics and Communicati on Systems	08EC6132	DIGITAL MOS CIRCUITS	Y		
79 E	PCEA	MTECH	08EC7113(	BIOMEDICAL	Υ	Υ	Υ
1	13	Applied	C)	SIGNAL			100

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		Electronics	-	PROCESSING			
		and					
		Communicati					
		on Systems					
80	ECEA	MTECH	08EC7123(	SECURE	Υ	Υ	Υ
		Applied	C)	COMMUNICATIO			
		Electronics	,	N			
		and					
		Communicati					
		on Systems					
81	ECEA	MTECH	08EC6151	Ada[tive Signal	Υ	Υ	Υ
		Applied	В	Processing			
		Electronics					
		and					
		Communicati					
		on Systems					
82	ECEA	MTECH	08EC6151	Optical	Υ	Υ	Υ
		Applied	D	Communication			
		Electronics					
		and					
		Communicati					
		on Systems					
83	ECEA	MTECH	08EC6142	Multirate Signal	Υ		
		Applied	Α	Processing and			
		Electronics		Filter Bank			
		and					
		Communicati					
		on Systems					
84	ECEA	MTECH	08EC6142	Spectral analysis	Υ		Υ
		Applied	В	of Signal			
		Electronics					
		and					
		Communicati					
		on Systems					
85	ECEA	MTECH	08EC6152	Communication	Υ		
		Applied	Α	Switching Theory			
		Electronics					
		and					
AGIN	EAIN TO	Communicati					
-	18	on Systems					
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0.0	ECE A	NATEGU	00506450	1	1,7	T	
86	ECEA	MTECH	08EC6152	Wavelets Theory	Υ		
		Applied	В				
		Electronics					
		and					
		Communicati					
		on Systems					
87	ECEA	MTECH	08EC6152	Power	Υ	Υ	Υ
		Applied	С	Electronics			
		Electronics					
		and					
		Communicati					
		on Systems					
88	ECEA	MTECH	08EC6152	Electronics	Υ	Υ	Υ
00	LCLA	Applied	D	System Design	'	'	1
				System Design			
		Electronics					
		and				-	
		Communicati					
		on Systems					
89	ECEA	MTECH	08EC7113	Signal	Υ		
		Applied	A	Compression-			
		Electronics		Theory &			
		and		Methods			
		Communicati					
		on Systems					
90	ECEA	MTECH	08EC7113	Speech and		Υ	Υ
		Applied	В	Audio Processing			
		Electronics					
		and					
		Communicati					
		on Systems					
91	ECEA	MTECH	08EC7113	Biomedical	Υ	Υ	Υ
		Applied	C	Signal Processing	'	'	'
		Electronics		Digital Frocessing			
		and					
		Communicati					
92	ECEA	on Systems	00507443	DCD Alexanthum	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
92	ECEA	MTECH	08EC7113	DSP Algorithums	Y	Y	Y
		Applied	D	and			
	-	Electronics		Architecturers			
1.	GE OF EMO	and					
		Communicati		<u> </u>			1 A)
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		on Systems					
93	ECEA	MTECH Applied Electronics and Communicati on Systems	08EC7123 A	Linear System Theory	Y		Y
94	ECEA	MTECH Applied Electronics and Communicati on Systems	08EC7123 B	Linear and Non Linear Optimization		Y	Υ
95	ECEA	MTECH Applied Electronics and Communicati on Systems	08EC7123 C	Secure Communications	Y		
96	AU	BTECH AUTOMOBILE ENGINEERIN G	AM14 304	Automobile Body Structure	Y	Y	Υ
97	AU	BTECH AUTOMOBILE ENGINEERIN G	AM14 307 (P)	Automobile Body Structure Lab	Υ	Y	Υ
98	AU	BTECH AUTOMOBILE ENGINEERIN G	EN14 401A	Engineering Mathematics IV	Y		
99	AU	BTECH AUTOMOBILE ENGINEERIN G	AM14 404	Automotive Engines	Υ		Y
10 0	AU OF MON	BTECH AUTOMOBILE ENGINEERIN G	AM14 405	Automotive Transmissions	Y		Y

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10	AU	BTECH AUTOMOBILE ENGINEERIN G	AM14 406	Computer Assisted Automobile Drawing	Y		
10 2	AU	BTECH AUTOMOBILE ENGINEERIN G	AM 09 502	Automotive transmission	Y		Y
10	AU	BTECH AUTOMOBILE ENGINEERIN G	AM 09 504	IC engines and gas turbines	Y		
10 4	AU	BTECH AUTOMOBILE ENGINEERIN G	AM 09 601	Vehicle dynamics	Υ		
10 5	AU	BTECH AUTOMOBILE ENGINEERIN G	AM09 704	Auto power plant	Υ	Y	Y
10 6	AU	BTECH AUTOMOBILE ENGINEERIN G	AM 09 802	Vehicle Maintenance and Testing	Υ	Y	Υ
10 7	EE	B Tech., Electrical and Electronics Engineering	EE14 303	Electric Circuit Theory	Y	У	У
10 8	EE	B Tech., Electrical and Electronics Engineering	EE14 304	Electrical Measurements & Instrumentation Systems	Y	У	У
10 9	EE	B Tech., Electrical and Electronics Engineering	EE14 305	Analog Electronics	Υ	У	У
11 0	EE	B Tech., Electrical and Electronics	EE14 403	Electrical Machines I	Υ	У	У



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		Engineering					
11 1	EE	B Tech., Electrical and Electronics Engineering	EE14 404	Signals and Systems	Υ	У	У
11 2	EE	B Tech., Electrical and Electronics Engineering	EE14 405	Digital Electronics	Υ	У	У
11 3	EE	B Tech., Electrical and Electronics Engineering	EE14 406	Electromagnetic Field Theory	Y		
11 4	EE	B Tech., Electrical and Electronics Engineering	EE09 501	Synchronous and Induction Machines	Y	У	У
11 5	EE	B Tech., Electrical and Electronics Engineering	EE09 502	Power System Generation, Transmission and Distribution	Υ	У	У
11 6	EE	B Tech., Electrical and Electronics Engineering	EE09 503	Linear Control Systems	Υ	У	У
11 7	EE	B Tech., Electrical and Electronics Engineering	EE09 504	Power Electronics	Υ	У	У
11 8	EE	B Tech., Electrical and Electronics Engineering	EE09 601	Microprocessors and Microcontrollers	Υ	У	У
11 9	EE	B Tech., Electrical and Electronics Engineering	EE09 603	Modern Control Theory	Υ	У	У
12 0 GE U	EE	B Tech., Electrical and	EE09 604	Electric Drives	Υ	Y /	У







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		Electronics					
12	EE	Engineering B Tech., Electrical and Electronics Engineering	EE09 701	Power System Analysis	Y	У	у
12 2	EE	B Tech., Electrical and Electronics Engineering	EE09 702	Analog & Digital Communication	Y	У	У
12 3	EE	B Tech., Electrical and Electronics Engineering	EE09 703	Digital Signal Processing	Y	У	У
12	EE	B Tech., Electrical and Electronics Engineering	EE09 704	Electrical Machine Design	Y	У	У
12 5	EE	B Tech., Electrical and Electronics Engineering	EE09 801	Electrical System Design	Υ	У	У
12 6	EE	B Tech., Electrical and Electronics Engineering	EE09 802	Power System Protection & Utilization	Y	У	У
12 7	MCA	Masters in Computer Applications	MCA 10 103	Computer Programming	Y		
12 8	MCA	Masters in Computer Applications	MCA 10 105	Principles of Software Engineering	Y		
12 9	MCA	Masters in Computer Applications	MCA 10 302	Computer Networks	Υ		
13	MCA	Masters in Computer Applications	MCA 10 401	Cryptography and Network Security	Υ		
13	MCA COLLEG	Masters in Computer	MCA 10 402	Software Architecture and	Υ		



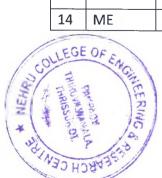
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						 Since
		Applications		Project		
				Management		
13	MCA	Masters in	MCA 10	Web	Υ	
2		Computer	403	Programming		
		Applications			-	
13	MCA	Masters in	MCA 10	Advanced DBMS	Υ	
3		Computer	404 C			
		Applications				
13	MCA	Masters in	MCA 10	Embedded	Υ	
4		Computer	405 C	Systems		
		Applications				
13	MCA	Masters in	MCA10	Object oriented	Υ	
5		Computer	501	modeling and		
		Applications		Design		
13	MCA	Masters in	MCA10	Computer	Υ	
6		Computer	502	Graphics and		
		Applications		Multimedia		
				Systems		
13	MCA	Masters in	MCA10	Wireless	Υ	
7		Computer	503	Communication		
		Applications				
13	MCA	Masters in	MCA10	Computer		
8		Computer	504 B	Architecture		
		Applications				
13	MCA	Masters in	MCA10	Data Mining and	Υ	
9		Computer	505 A	Data ware		
		Applications		housing		
14	ME	BTECH	ME14 403	Thermodynamics	Υ	
0		MECHANICAL			:	
		ENGINEERIN				
		G				
14	ME	BTECH	ME14 404	Advanced	Υ	
1		MECHANICAL		Mechanics of		
		ENGINEERIN		Solids		
		G				
14	ME	BTECH	ME14 405	Fluid Machinery	Υ	
2		MECHANICAL				
		ENGINEERIN				
		G				
14	ME	BTECH	ME14 406	Casting and	Υ	



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3		MECHANICAL ENGINEERIN G		Joining		
14	ME	BTECH MECHANICAL ENGINEERIN G	ME09 601	Dynamics of Machinery	Y	
14 5	ME	BTECH MECHANICAL ENGINEERIN G	ME09 602	Finite Element Method	Υ	
14 6	ME	BTECH MECHANICAL ENGINEERIN G	ME09 603	Machine Design	Υ	
14 7	ME	BTECH MECHANICAL ENGINEERIN G	ME09 801	Refrigeration and Air Conditioning	Y	



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