

Choice Based Credit System – Department Data

Name of the Department		Electronics							
Programme		M.Tech			Branch	Electronics			
Semester		1			Specialization				
Sl No.	Course Code	Name of the Subject	#C/E/IE	Credit	Name of Faculty	Hrs./Week	Slot	Room	*Strength
1	ELE3101	Embedded Architecture and Interfacing	Core	3	Dr. Bijoy Antony Jose	5	A	118	30
2	ELE3102	Digital Communication	Core	3	Arun A. Balakrishnan	5	B	118	30
3	ELE3103	Advanced Digital Signal Processing	Core	3	Dr. Supriya M. H.	5	C	118	30
4	ELE3104	VLSI Technology and Design	Elective	3	Dr. Nalesh S.	5	D	233	10
5	ELE3105	Microwave Devices and Circuits	Elective	3	Dr. C. K. Aanandan	5	D	118	10
6	ELE3106	Robotics and Automation	Elective	3	Dr. Tripti S. Warriar	5	D	220	10
7	ELE3107	Wireless Communication	IE	3	Dr. Deepti Das Krishna		E	118	15
8	ELE3108	Neural Networks	IE	3	Mithun Haridas T. P.	5	E	233	15
9	ELE3101L	Embedded Systems Laboratory	Lab	1	Dr. Bijoy Antony Jose	8	G/H	115	30
10	ELE3102L	Communication Laboratory	Lab	1	Arun A. Balakrishnan	8	G/H	225	30
11	ELE3104L	VLSI Laboratory	Lab	1	Dr. Nalesh S.	8	G/H	213	10

12	ELE3105L	Microwave Laboratory	Lab	1	Dr. C. K. Aanandan	8	G/H	114	10
13	ELE 3106L	Robotics Laboratory	Lab	1	Dr. Tripti S. Warriar	8	G/H	222	10

Signature

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Head of the Department

*Strength - Maximum number of students that can be accommodated in a class

#C - Core paper E - Elective paper IE - Interdisciplinary elective

Note

The above department details may be published in the University Website

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Name of the Department				Electronics					
Programme		MSc.			Branch	Electronics			
Semester		1			Specialization				
Sl No.	Course	Name of the Subject	#C/E/IE	Credit	Name of Faculty	Hrs./	Slot	Room	*Strength
1	ELE2101	Electronic Circuits	Core	3	Guest Lecturer	5	A	116	25
2	ELE2102	Signals & Systems	Core	3	Arun A. Balakrishnan	5	D	116	25
3	ELE2103	Digital System Design	Core	3	Mithun Haridas T. P.	5	C	116	25
4	ELE2104	RF & Microwave Technology	Core	3	Kumary V. Y. Vidhu	5	B	116	25
5	ELE2107	Microprocessors & Microcontrollers	Electiv	3	Dr. Tripti S. Warriar	5	E	116	15
6	ELE2106	Computational Techniques	IE	3	Dr. Supriya M. H.	5	E	117	15
7	ELE2101L	Electronics Circuits Laboratory	Lab	2	Guest Lecturer	8	G/H	113	25
8	ELE2102L	Signals & Systems Lab	Lab	2	Dr. Supriya M. H.	8	G/H	115	25

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SI No	Subject	Name of the Subject	Elective/	Credit	Name of the	Hrs/week	Slot	Room	Streng
1.	ELE 2301	Seminar	Core	2	Guest Lecturer	2	F2	112	25
2.	ELE 2302	VLSI Design	Core	3	Dr. Nalesh S.	5	B	112	25
3.	ELE 2303	Communication Systems	Core	3	Dr. Deepti Das Krishna	5	A	112	25
4.	ELE 2304	Robotics and Intelligent Systems	Elective	3	Guest Lecturer	5	D	112	8
5.	ELE 2305	Radar and Satellite Communication	Elective	3	Kumary V. Y. Vidhu	5	D	117	10
6.	ELE 2306	Antennas	IE	3	Guest Lecturer	5	E	112	10
7.	ELE 2307	Embedded Software and Real Time Systems	IE	3	Dr. Bijoy Antony Jose	5	E	220	15
8.	ELE 2308	Computer Networks	Elective	3	Guest	5	D		7
9.	ELE 2303L	Communications Lab	Lab	2	Dr. Deepti Das Krishna	8	G/H	225	25
10.	ELE 2304L	Robotics and Intelligent Systems Lab	Lab	2	Guest Lecturer	8	G/H	222	8
11.	ELE 2305L	Radar and Satellite Communication / Antenna Lab	Lab	2	Kumary V. Y. Vidhu	8	G/H	114	10
12.	ELE 2308L	Embedded Systems Design Lab	Lab	2	Mithun Haridas T. P.	8	G/H	115	7

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