CRITERIA-1

1.1.2 List of Employability/ Entrepreneurship/ Skill development courses offered

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DEPARTMENT OF CIVIL ENGINEERING

List of Employability/ Entrepreneurship/ Skill development courses offered in A.Y: 2022-23

Program Name	Name of the course	Course code	Activities/Content with a direct bearing on Employability/ Entrepr Skill development	Regulation
	ENGLISH-I	22HS1T1	Skill development	AR22
	MATHEMATICS-I	22BS1T2	Skill development	AR22
	PHYSICS	22BS1T3	Skill development	AR22
	C PROGRAMMING	22ES1T4	Skill development	AR22
B.Tech (CE)	BASICS OF ENGINEERING & TECHNOLOGY	22ES1T5	Skill development	AR22
	ENGLISH-I LAB	22HS1L1	Skill development	AR22
-	PHYSICS & WORKSHOP LAB	22B\$1L2	Skill development	AR22
	C PROGRAMMING LAB	20ES1L3	Skill development	AR22
	LEARNING AN ART FORM	22ES1MC1	Skill development	AR22
	ENGLISH-II	22HS2T1	Skill development	AR22
	MATHEMATICS-II	22BS2T2	Skill development	AR22
	CHEMISTRY	22BS2T3	Skill development	AR22
B.Tech	PYTHON PROGRAMMING	22ES2T4	Skill development	AR22
(CE)	BASICS OF INTERNET OF THINGS	22ES2T5	Skill development	AR22
	ENGLISH -II LAB	22HS2L1	Skill development	AR22
	CHEMISTRY & ITWS LAB	22BS2L2	Skill development	AR22
	PYTHON LAB	22ES2L3	Skill development	AR22
	ENVIRONMENTAL STUDIES	20BS2T6	Skill development	AR22
	Numerical Analysis and Statistics	20BS3T1	Skill development	AR20
	STRENGTH OF MATERIALS	20CE3T2	Skill development	AR20
B.Tech	Building Material and Construction	20CE3T3	Skill development	AR20

(CE)	Surveying and	No. Construction	Employability	AR20
	Geomatics	20CE3T4	The shifting	AR20
	Fluid Mechanics	20CE3T5	Employability	
	Surveying Field work -I lab	20CE3L1	Skill development	AR20
	Strength of Materials lab	20CE3L2	Skill development	AR20
	GIS Lab	20CE3L3	Skill development	AR20
	Web and Mobile Development-1	20SO3T6A	Employability	AR20
	Cloud Computing-1	20SO3T6B	Employability	AR20
	Cyber Security-1	20SO3T6C	Employability	AR20
	.Data Analyst-1	20SO3T6D	Employability	AR20
	Building Planning and Drawing	20SO3T6E	Employability	AR20
	Essence of Indian Traditional Knowledge	20MC3T7	Skill development	AR20
	Engineering Geology	20ES4T1	Skill development	AR20
	Structural Analysis -I	20CE4T2	Skill development	AR20
	Transportation Engineering -I	20CE4T3	Employability	AR20
B.Tech (CE)	Hydraulic and Hydraulic Machinery	20CE4T4	Employability	AR20
(CL)	Managerial Economics and Financial Analysis	20MC4T5	Employability	AR20
	Engineering Geology Lab	20ES4L1	Skill development	AR20
	Surveying Field work –	20CE4L2	Skill development	AR20
	FM & HHM Lab	20CE4L3 20SO4T5A	Skill development Employability	AR20
	Web and Mobile Development-1	20304134	Employability	AR20
	Cloud Computing-1	20SO4T5B	Employability	AR20
	Cyber Security-1	20SO4T5C	Employability	AR20
	.Data Analyst-1	20SO4T5D	Employability	AR20
	Building Planning and Drawing	20SO4T5E	Employability	AR20
	Computer Aided Drawing -1	20SO4T5F	Employability	AR20
	Constitution of India	20MC4T6	Skill development	AR20
	Design and Drawing Reinforced Concrete Structure	20CE5T1	Employability	AR20
	Concrete Technology	20CE5T2	Employability	AR20

B.Tech (CE)	Transportation Engineering -II	20CE5T3	Employability	AR20
	Open Elective-I	20CE5T4	Employability	AR20
	Professional Elective -I	20CE5T5	Employability	AR20
	Concrete Technology Lab	20CE5L1	Skill development	AR20
	Transportation Engineering Lab	20CE5L2	Skill development	AR20
	Advanced English Communication Testing	22SO5T5	Skill development	AR20
	Summer Internship	20SI5L7	Skill development	AR20
	Design and Drawing Steel Structure	20CE6T1	Employability	AR20
B.Tech (CE)	Geo-technical Engineering	20CE6T2	Employability	AR20
	Environmental Engineering	20CE6T3	Employability	AR20
	Professional Elective – II	20CE6T4	Employability	AR20
	Open Elective-II	20CE6T5	Employability	AR20
	Geo-technical Engineering Lab	20CE6L1	Employability	AR20
	Environ mental Engineer ing Lab	20CE6L2	Skill development	AR20
	Irrigation Design and Drawing Lab	20CE6L3	Employability	AR20
	Elevation Modeling Using Revit	2080684	Employability	AR20
	Employability Skills	20MC6T7	Employability	AR20
	Environmental Engineering II	18CE7T1	Skill development	AR18
B.Tech	Water Resources Engineering II	18CE7T2	Skill development	AR18
(CE)	Geotechnical Engineering - II	18CE7T3	Employability	AR18
	Remote Sensing and GIS Application	18CE7T4	Employability	AR18
	Elective - I	18CE7T5	Employability	AR18
	Elective – II	18CE7T6	Skill development	AR18
	CAD and GIS Laboratory	18CE7L1	Employability	AR18
	Irrigation Design and Drawing	18CE7L2	Employability	AR18
	IPR & Patents	18CE7T7	Skill development	AR18
B.Tech	Estimation Specification and Contracts	18CE8T1	Employability	AR18
(CE)	Construction Technology and Manage	18CE8T2	Employability	AR18
	Pre-Stressed Concre		Employability	AR18

11 32	Elective – II	18CE8T4	Skill development	AR18
	Project Work	18CE8P1	activitie	AR18

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Amrita Sai Institute of Science and lechnology Paritaia, krishna Dt 521 185 Amrita Sai Nagar, Paritala Amrita Sai Nagar, Paritala Krishna POIStiPALS 21 180

AMRITA SAI INSTITUTE OF SCIENCE AND TECHNOLOGY

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www.amritasai.org.in,Phone: 0866-2428399 DEPARTMENT OF ELECTRICAL AND ELECTRNICS ENGINEERING

List of Employability/ Entrepreneurship/ Skill development courses offered AY 2022-23

	I YEAR	I SEM		
Progra m Name	Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Regulations
	Communicative English-I	22HS1T1	Employability	AR22
	Linear Algebra & Differential Equations	22BS1T2	Employability	AR22
9	Engineering Chemistry	22BS1T3	Employability	AR22
	C Programming	22ES1T4	Employability	AR22
	Basics of Engineering & Technology	22ES1T5	Employability	AR22
Ser and	Communicative English Lab - I	22HS1L1	Skill development	AR22
	Engineering Chemistry & ITWS Lab	22BS1L2	Skill development	AR22
	C Programming Lab	20ES1L3	Skill development	AR22
	Learning An Art Form	22ES1MC1	Skill development	AR22
	Communicative English-II	22HS2T1	Employability	AR22
	Calculus And Transformations	22BS2T2	Employability	AR22
	Engineering Physics	22BS2T3	Employability	AR22
	Python Programming	22ES2T4	Employability	AR22
	Introduction To IOT	22ES2T5	Employability	AR22
	Communicative English Lab - II	22HS2L1	Skill development	AR22
	Engineering Physics & EWS Lab	22BS2L2	Skill development	AR22
B.TECH EEE	Python Programming Lab	22ES2L3	Skill development	AR22
	Environmental Studies	22ES2MC1	Employability	AR22
	Numerical Methods & Complex Variables	20BS3T1	Employability	AR20
	Electrical Circuit Analysis-II	20EE3T2	Employability	AR20
	Electrical Machines-I	20EE3T3	Employability	AR20
	Electronic Devices & Circuits	20BE3T4	Employability	AR20
	Power Systems-I	20EE3T5	Employability	AR20
	Electrical Circuits Laboratory	20EE3L1	Skill development	AR20
	Electrical Machines -I Laboratory	20EE3L2	Skill development	AR20
	Electronic Devices & Circuits Lab	20EE3L3	Skill development	AR20
	Electrical Safety	20EE3T6A	Skill development	AR20
Contraction of the	Data Analytics-I	20SE3T6B	Employability	AR20
	Cloud Computing-I	20SE3T6C	Employability	AR20
	Web & Mobile Development-I	20SE3T6D	Employability	AR20
	Cyber Security-I	20SE3T6E	Employability	AR20
	Essence of Indian Traditional Knowledge	20MC3T7	Skill development	AR20

	Knowledge			
	Communicative English-II	20HS4T1	Employability	AR20
	Electro Magnetic Fields	20EE4T2	Employability	AR20
100 1000	Control Systems	20EE4T3	Employability	AR20
	Electrical Machines-II	20EE4T4	Skill development	AR20
	Power Systems-II	20EE4T5	Skill development	AR20
	Communicative English-II Lab	20ES4L1	Skill development	AR20
	Electrical Machines-II Laboratory	20EE4L2	Skill development	AR20
	Control Systems Lab	20EE4L3	Employability	AR20
	Robotics And Humanoids	20SE4T6A	Employability	AR20
	Data Analytics-II	20SE4T6B	Employability	AR20
	Cloud Computing-II	20SE4T6C	Employability	AR20
	Web & Mobile Development-II	20SE4T6D	Employability	AR20
	Cyber Security-II		Employability	AR20
	Electrical Measurements &	20SE4T6E	Employability	AR20
	Instrumentation	20EE5T1		
	Pulse And Digital Circuits	20EE5T2	Employability	AR20
	Power Electronics & Converters	20EE5T3	Employability	AR20
	Data Structures	200E5T4	Employability	AR20
-	Renewable Energy Sources	20EL5T5	Employability	AR20
B.TECH EEE	Electrical Measurements & Instrumentation Lab	20EE5L1	Skill development	AR20
	Power Electronics Lab	20EE5L2	Skill development	AR20
	Adv English Communication Skills	20SE5T6A	Employability	AR20
	Professional Ethics & Human Values	20MC5T7	Employability	AR20
	Internship	20EE5I1	Employability	
	Micro Processor & Micro Controllers	20EE6T1	Employability	AR20
	Linear And Digital IC Applications	20EE6T2	Employability	AR20
	Power System Analysis	20EE6T3	Employability	AR20
	Advanced Control Systems	20EL6T4	Employability	AR20
	Introduction To Internet Of Things	200E6T5	Employability	AR20
	Power Systems & Simulation Lab	20EE6L1	Skill development	AR20
	Micro Processor & Micro Controllers Lab	20EE6L2	Skill development	AR20
	Linear And Digital Ic Applications Lab	20EE6L3	Skill development	AR20
	Coding And Technical Training	20SE6T6A	Employability	AR20
	Employability Skills	20MC6T7	Employability	AR20
3 *	Utilization of Electrical Energy	18EE7T1		AR18
	OOPS Through JAVA	18EE7T2		AR18
	Power System Operation & Control	18EE7T3		AR18
	Renewable Energy Sources	18EE7T4		AR18
	Instrumentation	18EE7T5		AR18
	Cloud Computing	18EE7T6		AR18
	Microprocessors & Microcontrollers Laboratory	18EE7L1	Skill development	AR18
	Power Systems & Simulation Lab	18EE7L2	Skill development	ARIS
	Digital Control Systems	18EE8T1	Employability	ARIS
	HVDC Transmission & FACTS	18EE8T2	Employability	AR18
	Electrical Distribution Systems		Employability	A THE PARTY OF
2	Planning & Automation	18EE8T3	amproyability	AR18
A States	Power Quality	18EE8T4	Employability	ARIS
	Project	18EE8P1	Skill development	ARIS

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DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING

List of Employability/ Entrepreneurship/ Skill development courses offered in

Program Name	Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Reg ulat ions
B.Tech	Communicative English-I	22HS1T1	Skill development	AR 22
(ECE)	Linear Algebra & Differential	22BS1T2	Employability	AR 22
	Engineering Physics	22BS1T3	Employability	AR 22
	C Programming	22CS1T4	Employability	AR 22
	Basics Of Engineering And Technology	22EE1T5	Employability	AR 22
	Communicative English Lab-I	22HS1L1	Skill development	AR 22
	Engineering Physics & EWS Lab	22BS1L2	Employability	AR 22
	C Programming Lab	22CS1L3	Employability	AR 22
	Learning An Art Form	22MC1T6	Employability	AR 22
	Communicative English-Ii	22HS2T1	Skill development	AR 22
	Calculas And Transformations	22BS2T2	Employability	AR 22
	Engineering Chemistry	22HS2T3	Employability	AR 22
	Python Programming	22CS2T4	Employability	AR 22
	Introduction To Iot	22EC2T5	Employability	AR 22
	Communicative English Lab-li *	22HS2L1	Skill development	AR 22
	Engineering Chemistry & Itws Lab	22HS2L2	Employability	AR 22
	Python Programming Lab	22CS2L3	Employability	AR 22
	Environmental Studies	22MC2T6	Employability	AR 22
	VLSI Design	18EC7T1	Employability	AR 18
	Digital Image Processing	18EC7T2	Employability	AR 18
	Radar Engineering	18EC7T3	Skill development	AR 18
	Optical Communications	18EC7T4	Employability	AR 18
	Robotics	18EC7T5A	Employability	AR 18
	Satellite Communication	18EC7T5B	Employability	AR 18
	Advanced Wireless Sensor Networks	18EC7T5D	Employability	AR 18
	VLSI Design lab	18EC7L1	Employability	AR 18
	Microwave and optical Communication Lab	18EC7L1	Employability .	AR 18
	Summer Training Programs	18EC7T6	Skill development	AR 18

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Seminars	18EC7T7	Employability	AR 18
Cellular and mobile Communication	18EC8T1	Skill development	AR 18
Electronics Measurements and Instrumentation	18EC8T2	Employability	AR 18
Embedded Systems	18EC8T3	Skill development	AR 18
Speech and Audio Processing	18EC8T4A	Employability	AR 18
Television Engineering	18EC8T4B	Skill development	AR 18
Artificial Neural Networks	18EC8T4C	Employability	AR 18
Computer network	18EC8T4D	Skill development	AR 18
 Electro Magnetic waves and transmission lines	20EC5T1	Employability	AR20
Pulse and Digital circuits	20EC5T2	Employability	AR20
Data structure using Java	20EC5T2 20EC5T4	Skill development	AR20
Pulse and digital circuits lab	20EC514 20EC5L1	Employability	AR20
		Employability	AR20
VLSI Design Lab Verbal, quantitative and	20EC5L2 20EC5L3	Skill development	AR20
reasoning			AR20
Professional ethics and human values	20MC5T6	Skill development	AR20
Micro processors and Micro Controllers	20EC6T1	Skill development	
Linear and Digital IC Applications	20EC6T2	Skill development	AR20
Control systems	20EC6T3	Employability	AR20
Radar and Navigation Systems	20EC6T4	Employability	AR20
Introduction to Machine Learning	20EC6T5	Employability '	AR20
Micro processors and Micro Controllers Lab	20EC6L1	Employability	AR20
Linear and Digital IC Applications Lab	20EC6L2	Employability	AR20
Antenna Design and Microwave Engineering Lab	20EC6L3	Skill development	AR20
Coding and Technical Training	20EC6T6	Skill development	AR20
Numerical Methods and Complex Variables	20BS3TI	Skill development	AR20
Electronic Devices and Circuits	20EC3T2	Employability	AR20
Signals and Systems	20EC3T3	Employability	AR20
Switching theory and Logic Design	20EC3T4	Employability	AR20
Network Theory	20EC3T5	Employability	AR20
Electronic Devices and Circuits Lab	20EC3L1	Employability	AR20
Network Theory Lab	20EC3L2	Employability	AR20
Switching theory and Logic Design Lab	20EC3L3	Employability	AR20
PCB Design	20EC3S1	Skill development	AR20
Constitution of India	20EC3M1	Skill development	AR20
Probability and Statistics	20BS4T1	Skill development	AR20
Computer architecture and organization	20EC4T2	Employability	AR20
Electronic circuit analysis	20EC4T3	Employability	AR20
Analog and Digital Communications	20EC4T5	Employability	AR20

0	20EC4T5	Skill development	AR20
Communicative English -2			AR20
Matlab and Arduino programming Lab	20EC4L1	Skill development	ARZI
Electronic circuit analysis Lab	20EC4L2	Employability	AR20
		Employability	AR20
Analog and Digital Communications Lab	20EC4L3	Employability	
Mini project on PCB	20EC4S4	Skill development	AR20

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DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

List of Employability/ Entrepreneurship/ Skill development courses offered in

Program Name	Name of the Course	f Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Regulation s
	ENGLISH-I	22HS1T1	Employability	AR22
	MATHEMATICS-I	22BS1T2	Employability	AR22
	PHYSICS	22BS1T3	Employability	AR22
	C PROGRAMMING	22ES1T4	Employability	AR22
	BASICS OFENGINEERING& TECHNOLOGY	22ES1T5	Employability	AR22
	ENGLISH LAB -I	22HS1L1	Skill development	AR22
	PHYSICS &WORKSHOPLAB	22BS1L2	Skill development	AR22
	C PROGRAMMINGLAB	22ES1L3	Skill development	AR22
	LEARNING AN ART FORM	2CS1MC1	Skill development	
	·ENGLISH-II	22HS2T1	Employability	AR22
	MATHEMATICS-II	22BS2T2	Employability	AR22
	CHEMISTRY	22BS2T3	Employability	AR22
	PYTHON PROGRAMMING	22ES2T4	Employability	AR22
	BASICS OF IOT	22ES2T5	Employability	AR22
	ENGLISHLAB	22HS2L1	Skill development	AR22
	CHEMISTRY&ITWS LAB	22BS2L2	Skill development	AR22
	PYTHON LAB	22ES2L3	Skill development	AR22
	ENVIRONMENTAL STUDIES	22CS2MC1	Employability	AR22
	PROBABILITY AND STATISTICS	20BS3T1	Employability	AR20
B.TECH CSE		20CS3T2	Employability	AR20
	ADVANCED DATA STRUCTURES AND ALGORITHMS	20CS3T3	Employability	AR20
	JAVA PROGRAMMING	20CS3T4	Employability	AR20
	DIGITAL LOGIC DESIGN	20CS3T5	Employability	AR20
	ADS&A LAB	20CS3L1	Skill development	AR20
	JAVA PROGRAMMING LAB	20CS3L2	Skill development	AR20
	UNIX AND SHELL PROGRAMMING LAB	20CS3L3	Skill development	AR20
	INTRODUCTION TO COMPUTER FUNDAMENTALS	20SE3T1	Skill development	AR20

AY 2022-23

1 1 3 m + 1 1	ESSENCE OF INDIAN	20MC3T1	Employability	AR20
	TRADITIONAL KNOWLEDGE PHP PROGRAMMING	20CS4T1	Employability	AR20
	COMPUTER ORGANIZATION	20CS4T2	Employability	AR20
	ADVANCED JAVA	20CS4T3	Employability	AR20
	PROGRAMMING STATISTICS WITH R	20CS4T5	Employability	AR20
	PROGRAMMING COMMUNICATIVE ENGLISH II	20HS4T1	Employability	AR20
	PHP PROGRAMMING LAB	20CS4L1	Skill development	AR20
	ADVANCED JAVA LAB	20CS4L2	Skill development	AR20
	R PROGRAMMING LAB	20CS4L4	Employability	AR20
	SOLVING PROBLEM WITH COMPUTERS	20SE4T1	Skill development	AR20
	OPERATING SYSTEM	20CS5T1	Employability	AR20
	DATABASE MANAGEMENT SYSTEMS	20C85T2	Employability	AR20
	SOFTWARE ENGINEERING	20CS5T3	Employability	AR20
	FORMAL LANGUAGES AUTOMATA THEORY	20CS5T4A	Employability	AR20
B.TECH CSE	DESIGN AND ANALYSIS OF ALGORITHMS	20CS5T4B	Employability	AR20
	COMPILER DESIGN	20CS5T4C	Employability	AR20
	DATA STRUCTURE AND ALGORITHMS USING JAVA	20CS5T4D	Employability	AR20
	OPERATING SYSTEM LAB	20CS5L1	Skill development	AR20
	DATABASE MANAGEMENT SYSTEMS LAB	20C85L2	Skill development	AR20
	ADV ENGLISH COMMUNICATION SKILLS LAB-I	20SE5L1	Skill development	AR20
	PROFESSIONAL ETHICS & HUMAN VALUES	20MC5T1	Skill development	AR20
	WEB TECHNOLOGIES	20CS6T1	Employability	AR20
	OBJECT ORIENTED ANALYSIS AND DESIGN USING UML	20CS6T2	Employability	AR20
	COMPUTER NETWORKS	20CS6T3	Employability	AR20
	COMPUTER GRAPHICS	20CS6T4A	Employability	AR20
17	BLOCK CHAIN TECHNOLOGIES	20CS614B	Employability	33220
	HUMAN COMPUTER	20CS6T4C	Employability	AR20

A DA CONTRACT	NEURAL NETWORKS AND FUZZY	20CS6T4D	Employability	AR20
	LOGIC			
	ANDROID MOBILE APPLICATION DEVELOPMENT	20CS6T4E	Employability	AR20
	WEB TECHNOLOGIES LAB	20CS6L1	Skill development	AR20
	OBJECT ORIENTED ANALYSIS AND DESIGN USING UML LAB	20CS6L2	Skill development	AR20
	COMPUTER NETWORKS LAB	20CS6L3	Skill development	AR20
	CODING AND TECHNICAL SKILLS	20SE6T1	Employability	AR20
	ENVIRONMENT SCIENCES/ INDUSCTION TRAINING/ INDIAN CONSTITUTION,/ESSENCE OF INDIAN TRADITIONAL KNOWLEDGE	20MC6T1	Skill development	AR20
	Cryptography and Network Security	18CS7T1	Employability	AR18
	Hadoop and Big Data	18CS7T2	Employability	AR18
	Artificial Intelligence	18CS7T3	Employability	AR18
B.TECH CSE	Adhoc & Sensor Networks	18CS7T4	Employability	AR18
birthen con	Mobile Computing	18CS7T5A	Employability	AR18
	Cloud Computing	18CS7T5B	Employability	AR18
-41	Forensic Computing	18CS7T5C	Employability	AR18
	Hadoop & Big Data Lab	18CS7L1	Skill development	AR18
	J2ME & Android Programming Lab	18CS7L2	Skill development	
	Distributed Systems	18CS8T1	Employability	AR18
	Machine Learning	18CS8T2	Employability	AR18
	Internet of Things	18CS8T3A	Employability	AR18
	Natural Language Processing	18CS8T3B	Employability	AR18
	Deep learning	18CS8T3C	Employability	AR18
	Management science	18CS8T4	Employability	AR18
	Project Work	Station of the same	Skill development	AR18

Amrita Sai Nagar, Paritala -521180

HOD-CSE

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List of Employability/ Entrepreneurship/ Skill development courses offered in

AY 2022-23

Program Name	Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Regul ations
	ENGLISH-I	22HS1T1	Employability	AR22
	MATHEMATICS-I	22BS1T2	Employability	AR22
	PHYSICS	22BS1T3	Employability	AR22
	CPROGRAMMING	22ES1T4	Employability	AR22
	BASICS OF ENGINEERING & TECHNOLOGY	22ES1T5	Employability	AR22
	ENGLISH-I LAB	22H51L1	Skill development	AR22
TECH MECH	PHYSICS & WORKSHOP LAB	22BS1L2	Skill development	AR22
.TECH MECH	C PRÒGRAMMING LAB	20ES1L3	Skill development	AR22
	LEARNING AN ART FORM	22ES1MC1	Skill development	AR22
	ENGLISH-II	22H52T1	Employability	AR22
	MATHEMATICS-II	22BS2T2	Employability	AR22
	CHEMISTRY	22BS2T3	Employability	AR22
	PYTHON PROGRAMMING	22ES2T4	Employability	AR22
	BASICS OF INTERNET OF THINGS	22ES2T5	Employability	AR22
	ENGLISH LAB	22H52L1	Skill development	AR22
	CHEMISTRY & ITWS LAB	22BS2L2	Skill development	AR22
	PYTHON LAB	22ES2L3	Skill development	AR22
	ENVIRONMENTAL SCIENCE	22ES2MC1	Employability	AR22
	MATHEMATICS-III	22BS3T1	Employability	AR20

	FLUID MECHANICS & HYDRAULIC MACHINES METALLURGY & MATERIAL	22ME3T3	Employability
	SCIENCE	22ME3T4	Employability
Charles Manager and Charles and Charles and Charles	MANUFACTURING PROCESS	22ME3T5	Employability
	ENGINEERING GRAPHICS & DESIGN PRACTICE	22ME3L1	Skill development
	MECHANICS OF SOLIDS & METALLURGY LAB	22ME3L2	Skill development
	FLUID MECHANICS & HYDRAULIC MACHINES LAB	22ME3L3	Skill development
	ADVANCED ENGLISH COMMUNICATION	22ME3S1	Skill development
	TESTING (IELTS)		
	INDIAN TRADITIONAL KNOWLEDGE	22ME3MC1	Skill development
din din	BASIC THERMODYNAMICS	22ME4T1	Employability
	MATHEMATCIS-IV	22ME4T2	Employability
	KINEMATICS & THEORY OF MAHINES	22ME4T3	Employability
	MANUFACTURING TECHNOLOGY	22ME4T4	Employability
	INDUSTRIAL ENGINEERING MANAGEMENT	22HS4T5	Employability
	THEORY OF MAHINES LAB	22ME4L1	Skill development
	MANUFACTURING PRACTICES LAB	22ME4L2	Skill development
	DRAFTING & MODELLING LAB	22ME4L3	Skill development
-	MINI PROJECT-I	22ME4S1	Skill development
	INSTRUMENTATION AND CONTROL SYSTEMS	22ME5T1	Employability
	DESIGN OF MACHINE MEMBERS-I	22ME5T2	Employability
	METROLOGY	22ME5T3	Employability

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OPEN ELECTIVE-I	22ME5OE1	Employability	AR22
ELECTIVE-I	22ME5E1	Employability	AR22
SIMULATION LAB	22ME5L1	Skill development	AR22
METROLOGY & INSTRUMENTATION LAB	22ME5L2	Skill development	AR22
VERBAL, QUANTATIVE & REASONING TESTING	22ME5S1	Skill development	AR22
CONSTITUTION OF INDIA	20ME5MC1	Skill development	AR22
DESIGN OF MACHINE MEMBERS-II	22ME6T1	Employability	AR22
HEAT TRANSFER	22ME6T2	Employability	AR22
CAD/CAM	22ME6T3	Employability	AR22
ELECTIVE-II	22ME6E1	Employability	AR22
OPEN ELECTIVE-II	22ME6OE1	Employability	AR22
HEAT TRANSFER LAB	22ME6L1	Skill development	AR22
	22ME6L2 .	Skill development	AR22
THERMAL ENGINEERING LAB	22ME6L3	Skill development	AR22
CODING & TECHNICAL TRAINING	22ME6S1	Skill development	AR22
RESEARCH METHODOLOGY	22ME6MC1	Skill development	AR22
ELECTIVE-III	22ME7E1	Employability	AR18
ELECTIVE-IV	22ME7E2	Employability	AR22
ELECTIVE-V	22ME7E3	Employability	AR22
OPEN ELECTIVE-III	22ME7OE1	Employability	AR22
OPEN ELECTIVE-IV	22ME7OE2	Employability	AR22
JNIVERSAL HUMAN VALUES	22ME7T1	Skill development	AR22
/ERBAL, QUANTATIVE & REASONING TRAINING	22ME7S1	Skill development	AR22
MAJOR PROJECT/INTERNSHIP	22ME8P1	Skill development	AR22

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DEPARTMENT OF CIVIL ENGINEERING

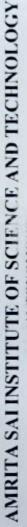
List of Employability/ Entrepreneurship/ Skill development courses offered in A.Y: 2022-23

Program Name	Name of the course	Course code	Activities/Content with a direct bearing on Employability/ Skill development	Regulation
	Theory of Elasticity	22SE1T1	SKIL DEVELOPMENT	AR22
	Structural Dynamics	22SE1T2	EMPLOYABILITY	AR22
	Matrix analysis of structures	22SE1T3A	EMPLOYABILITY	AR22
	Analytical&Numerical methods for structural Engineering	22SE1T3B	EMPLOYABILITY	AR22
M. fech	Gesiga of RCC foundations	228E113C	EMPLOYABILITY	AR22
(SE)	Bridge Engineering	22SETT4A	SKIL DEVELOPMENT	AR22
1	Repair & Reisabilitation of structures	22SEIT4B	SKIL DEVELOPMENT	AR22
	Advances Reinforced concrete design	2281 T4C	EMPLOYABILITY	AR22
	Advanced Concrete Technology	2281115	EMPLOYABILITY	AR22
	Advanced Concrete Technology Lab	22SEILI	SKIL DEVELOPMENT	AR22
	Advanced Structural Engineering Lab	22SE11.2	SKIL DEVELOPMENT	AR22
	Audit course-I	22SE1A1	SKIL DEVELOPMENT	AR22
	Engineering	228E2T1	MPLOYABILITY	- AR22
M.Tech (SE)	Theory of plates & shells	22SE2 12	EMPLOYABILITY	AR.22
	Stability of structures	22SE2T3A	EMPLOYABILITY	AR22
	Advanced steel design	22SE2T3B	EMPLOYABILITY	AR22
	Analysis of off-shore structures	22SE2T3C	EMPLOYABILITY	AR22
(SE)	Earthquake resistant design of buildings	22SE2T4A	EMPLOYABILITY	AR22
	Precast and prefabricated structures	22SE2T4B	EMPLOYABILITY	AR22
	Earth retaining structures	22SE2T4C	EMPLOYABILITY	AR.22
	Computer aided design lab	225E2L1	EMPLOYABILITY	AR22
	Design of Prestressed Concrete structures	20SE3T1A	EMPLOYABILITY	AR20
M.Tech (SE)	Structural Health Monsoring	20SE3T1B	EMPLOYABILITY	AR20
	Enduring Structures	20SE3T1C	EMPLOYABILITY	AR20
	Open Elective MOOCS		EMPLOYABILITY	AR20
	Dissertation Phase-1 / Industrial Project	20SE3IP1	SKIL DEVELOPMENT	AR20
M.Tech (SE)	Projec: / Dissertation Phase II	20SE4MP1	SKIL DEVELOPMENT	AR20

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

M.TECH

Program Name	Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Regulations
	Electrical Machine Modeling & Analysis	22PE1T1	Employability	AR22
	Analysis of Power Electronic Converters	22PE1T2	Employability	AR22
	Modern Control Theory	22PE1T3A	Employability	AR22
	Power Quality and Custom Power Devices	22PE1T3B	Employability	AR22
	Programmable Logic Controllers & Applications	22PE1T3C	Employability	AR22
	Artificial Intelligence Techniques	22PE1T4A	Employability	AR22
	Renewable Energy Technologies	22PE1T4B	Employability	AR22
	HVDC Transmission and Flexible AC Transmission Systems	22PE1T4C	Employability	AR22
	Research Methodology and IPR	22PE1T5	Employability	AR22
	Power Electronics Simulation Laboratory	22PE1L1	Skill development	AR22
	Power Converters Laboratory	22PE11.2	Skill development	AR22
	Switched Mode Power Conversion	22PE2T1	Employability	AR22
	Power Electronic Control of Electrical Drives	22PE212	Employability	AR22
	Control & Integration of Renewable Energy Systems	22PE2T3A	Employability	AR22
	Hybrid Electric Vehicles	22PE2T3B	Employability	AR22
	Digital Control Systems	22PE2T3C	Employability	AR22
	Advanced Digital Signal Processing	22PE2T4A	Employability	AR22
	Applications of Power Converters	22PE2T4B	Employability	AR22
	Microcontrollers	22PE2T4C	Employability	AR22
	Electric Drives Simulation Laboratory	22PE2L1	Skill development	AR22
	Electric Drives Laboratory	22PE2L2	Skill development	AR22
	Mini Project with Seminar		Skill development	AR22
	Digital Signal Processing Controlled Drives	22PE3TIA	Employability	AR22
		22PE3T1B	Employability	AR22
	Modeling & Simulation of Power Electronic Systems	22PE3TIC	Employability	AR22
	Industrial Safety	22PE3T2A	Employability	AR22
	Energy Audit, Conservation & Management	22PE3T2B	Employability	AR22
	Composite Materials	22PE3T2C	Employability	AR22
	Dissertation Phase - I		Skill development	AR22
	Dissertation Phase - II		Skill development	1001

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

List of Employability/ Entrepreneurship/ Skill development courses offered in A.Y: 2022-23

Program Name	Name of the course	Course code	Activities/Content with a direct bearing on Employability/ Skill development	Regulation
	Mathematical Foundations of Computer Science	22CP1T1	EMPLOYABILITY	AR22
	Advanced Data Structures & Algorithms	22CPIT2	EMPLOYABILITY	AR22
M.Tech	Big Data Analytics	22CP1T3A	EMPLOYABILITY	AR22
(CSE)	Digital Image Processing	22CP1T3B	EMPLOYABILITY	AR22
	Advanced Operating Systems	22CP13C	EMPLOYARILITY	AR22
	Advanced Computer Networks	22CPIT4A	EMPLOYABILITY	AR22
	Internet of Things	22CP1T4B	EMPLOYABILITY	AR22
	Object Oriented Software	22CP1T4C	EMPLOYABILITY	AR22
	Engineering Research Methodology and IPR	22CP1C1	EMPLOYABILITY	AR22
	Advanced Data Structures & Algorithms Lab	22CPILI	SKIL DEVELOPMENT	ARL
	Advanced Computing Lab	22CPIL2	SKIL DEVELOPMENT	AR22
	Audit Course-1	22CP1A1	SKIL DEVELOPMENT	AR22
	Machine learning	22CP2T1	EMPLOYABILITY	AR22
	MEAN Stack Technologies	22CP2T2	EMPLOYABILITY	AR22
	Advanced Databases and Mining	22CP2T3A	EMPLOYABILITY	AR22
	Ad Hoc & Sensor Networks	22CP2T3B	EMPLOYABILITY	AR22
M.Tech	Soft Computing	22CP2T3C	EMPLOYABILITY	AR22
(CSE)	Cloud Computing	22CP2T4A	EMPLOYABILITY	AR22
	Principles of computer	22CP2T4B	EMPLOYABILITY	AR22
	security High Performance Computing	22CP2T4C	EMPLOYABILITY	AR22
	Machine Learning with python lab	22CP2L1	SKIL DEVELOPMENT	AR22
	MEAN Stack Technologies	22CP2L2	SKIL DEVELOPMENT	AR22
	Lab Mini Project with Seminar	22CP2P1	SKIL DEVELOPMENT	AR22
	Audit Course-2	22CP2A1	SKIL DEVELOPMENT	AR22
		2°CP3TIA	EMPLOYABILITY	AR.22
	Deep Learning	22CP3TIB	EMPLOYABILITY	AR22
M.Tech	Social Network Analysis MOOCs-1	22CP3T1C	EMPLOYABILITY	AR22
(CSE)	(NPTEL/SWAYAM) 12 Week Program related to the programme which is	22CP3T1D	EMPLOYABILITY	AR22

	not listed in thecourse structure			
	MOOCs-2 (NPTE L/SWAYAM)-Any 12 Week Course on Engineering/ Management/ Mathematics offeredby other than parent department		EMPLOYABILITY	AR22
	Course offered by other departmentsin the college	22CP3T2B	EMPLOY ABILITY	AR.22
	Dissertation-I/ Industrial Project #	22CP3P1	SKIL DEVELOPMENT	AR22
Tech SE)	Dissertation-II	22CP4P1	SKIL DEVELOPMENT	AR22

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DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

List of Employability/ Entrepreneurship/ Skill development courses offered in

Program Name	Name of the course	Course code	Activities/Content with a direct bearing on Employability/ Skill development	Regulation
	Computer Organization	22MC1T1	EMPLOYABILITY	AR.22
	Database Management Systems	22MC1T2	EMPLOYABILITY	AR22
ICA	Object Oriented Programming through Java	22MC1T3	EMPLOYABILITY	AR22
	Operating Systems	22MCIT4	EMPLOYABILITY	AR22
	Web Design and Development	22MCIT5	EMPLOY ABILITY	AR22
	Database Management Systems Lab	22MCIL1	SKIL DEVELOPMENT	AR22
	Object Oriented Programming through Java Lab	22MC1L2	SKIL DEVELOPMENT	AR22
	Web Design and Development	- 22MC1L3	SKIL DEVELOPMENT	AR22
	Personality Development Course (Logical Reasoning and English for Professionals	22MCA4 552	SKIL DEVELOPMENT	AR22
	Statistics with R	22MC2T1	EMPLOYABILITY	AR22
	Computer Networks	22MC2T2	EMPLOYABILITY	AR22
	Design and Analysis of Algorithms	22MC2T3	EMPLOYABILITY	AR22
MCA	Mobile Application Development		EMPLOYABILITY	AR22
	Industrial Management	22MC2T5	EMPLOYABILITY	AR22
	Statistics with R Lab	22MC2L1	SKIL DEVELOPMENT	AR22
	Computer Networks Lab	22MC2L2	SKIL DEVELOPMENT	AR22
	Mobile Application Development Lab	22MC2L3	SKIL DEVELOPMENT	AR22
	Seminar	22MC2S1	SKIL DEVELOPMENT	
	Personality Development Course (Aptitude and Campus Recruitment Training)	455	SKIL DEVELOPMENT	AR22
	Python Programming	22MC3T1	EMPLOYABILITY	AR22
	Data Mining	22MC3T2	EMPLOYABILITY	AR22
MCA	Software Engineering	22MC3T3	EMPLOYABILITY	AR22
	ELECTIVE -I	22MC3T4	EMPLOYABILITY	AR22
	Artificial Intelligence	22MC3T4A	EMPLOYABILITY	AR22

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MCA	Major Project	22MC4P1	SKIL DEVELOPMENT	AR22
	Professional Communication Practice Lab	22MC3L3	SKIL DEVELOPMENT	AR22
	Python Programming Lab	22MC3L2	SKIL DEVELOPMENT	AR22
	Data Mining Lab	22MC3L1	SKIL DEVELOPMENT	AR22
	OptimizationTechniques	22MC3T4D	EMPLOYABILITY	AR22
	Distributed Systems	22MC3T4C	EMPLOYABILITY	AR22
	Computer Graphics	22MC3T4B	EMPLOYABILITY	AR22

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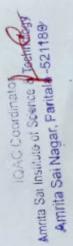
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

M.TECH

Program Na.c.e	Name of the Course Activities/Content with a direct bea Course Code Employability/ Entrepreneurship/ development development	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Regulations
	Electrical Machine Modeling & Analysis	22PE1T1	Employability	AR22
	Analysis of Power Electronic Converters	22PE1T2	Employability	AR22
	Modern Control Theory	22PE1T3A	Employability	AR22
	Power Quality and Custom Power Devices	22PE1T3B	Employability	AR22
	Programmable Logic Controllers & Applications	22PE1T3C	Employability	AR22
	Artificial Intelligence Techniques	22PE1T4A	Employability	AR22
	Renewable Energy Technologies	22PE1T4B	Employability	AR22
	HVDC Transmission and Flexible AC Transmission Systems	22PE1T4C	Employability	AR22
	Research Methodology and IPR	22PE1T5	Employability	AR22
	Power Electronics Simulation Laboratory	22PE1L1	Skill development	AR22
	Power Converters Laboratory	22PE1L2	Skill development	AR22
	Switched Mode Power Conversion	22PE2T1	Employability	AR22
	Power Electronic Control of Electrical Drives	22PE2T2	Employability	AR22
	Control & Integration of Renewable Energy Systems	22PE2T3A	Employability	AR22
ava nuat M	Hybrid Electric Vehicles	22PE2T3B	Employability	AR22
M.IECH ECE	Digital Control Systems	22PE2T3C	Employability	AR22
	Advanced Digital Signal Processing	22PE2T4A	Employability	AR22
	Applications of Power Converters	22PE2T4B	Employability	AR22
	Microcontrollers	22PE2T4C	Employability	AR22
	Electric Drives Simulation Laboratory	22PE2L1	Skill development	AR22
	Electric Drives Laboratory	22PE2L2	Skill development	AR22
	Mini Project with Seminar		Skill development	AR22
	Digital Signal Processing Controlled Drives	22PE3T1A	Employability	AR22
	Smart Grid Technologies	22PE3T1B	Employability	AR22
	Modeling & Simulation of Power Electronic Systems	22PE3T1C	Employability	AR22
	Industrial Safety	22PF 37 2A	Employability	AR22
	Energy Audit, Conservation & Management	22PEST2B	Employability	AR22
	Composite Materials	22PE312C	Employability	AR22
	Dissertation Phase - I		Skill development	AR22
	Dissertation Phase - II		Skill development	AR22





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DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

List of Employability/ Entrepreneurship/ Skill development courses offered in

Program Name	Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Regulat ions
the second	Communicative English-I	20HS1T1	Employability	AR20
	Ordinary Differential Equations & Calculus	20BS1T2	Employability	AR20
	Engineering Chemistry	20BS1T3	Employability ,	AR20
	IT workshop	20CS1T4	Employability	AR20
	Python-I	20CS1T5	Employability	AR20
	Communicative English Lab	20HS1L1	Skill development	AR20
	Engineering Chemistry Lab	20BS1L2	Skill development	AR20
	Python lab-I	20CS1L3	Skill development	AR20
	Environmental Studies	20MC1T6	Employability	AR20
	Applied Physics	20BS2T1	Employability	AR20
	Linear Algebra & Transformation	20BS2T2	Employability	AR20
	Data Structures using C++	20CS2T3	Employability	AR20
	Python-II	20CS2T4	Employability	AR20
•	Engineering Graphics & Design	20CS2T5	Employability	AR20
	Engineering/ Applied Physics Lab	20BS2L1	Skill development	AR20
B.TECH CSE	Data Structures and C++ lab	20CS2L2	Skill development	AR20
	Python Lab-II	20CS2L3	Skill development	AR20
	PROBABILITY AND STATISTICS	20BS3T1	Employability	AR20
	UNIX AND SHELL PROGRAMMING	20CS3T2	Employability	AR20
	ADVANCED DATA STRUCTURES AND ALGORITHMS	20CS3T3	Employability	AR20
	JAVA PROGRAMMING	20CS3T4	Employability	AR20
	DIGITAL LOGIC DESIGN	20CS3T5	Employability	AR20
	JAVA PROGRAMMING LAB	20CS3L2	Skill development	AR20
	UNIX AND SHELL PROGRAMMING LAB	20CS3L3	Skill development	AR20
	INTRODUCTION TO COMPUTER FUNDAMENTALS	20SE3T1	Skill development	AR20
	ESSENCE OF INDIAN TRADITIONAL KNOWLEDGE	20MC3T1	Employability	AR20

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an course	PHP PROGRAMMING	20CS4T1	Employability	AR20
	COMPUTER ORGANIZATION	20CS4T2	Employability	AR20
	ADVANCED JAVA PROGRAMMING	20CS4T3	Employability	AR20
	STATISTICS WITH R PROGRAMMING	20CS4T5	Skill development	AR20
	COMMUNICATIVE ENGLISH II	20HS4T1	Skill development	AR20
and the second	PHP PROGRAMMING LAB	20CS4L1	Skill development	AR20
Salar and	ADVANCED JAVA LAB	20CS4L2	Skill development	AR20
	R PROGRAMMING LAB	20CS4L4	Employability -	AR20
	SOLVING PROBLEM WITH COMPUTERS	20SE4T1	Employability	AR20
	Web Technologies	18CS5T1	Employability	AR18
	Statistics with R Programming	18CS5T2	Employability	AR18
	Software Engineering	18CS5T3	Employability	AR18
		18CS5T4	Employability	AR18
	Computer Networks Compiler Design	18CS5T5A	Employability	AR18
		18CS5T5A 18CS5T5B	Employability	AR18
	Data Analytics-3	the second s	Employability	AR18
	Cloud Computing-3 Web and Mobile Development-	18CS5T5C 18CS5T5D	Employability	AR18
the state of the s	Cyber Security-3	18CS5T5E	Employability	AR18
	Statistics with R Programming Lab	18CS5L1	Employability	AR18
B.TECH CSE	Computer Networks Lab	18CS5L2	Skill development	AR18
	Web Technologies Lab	18CS5L3	Skill development	AR18
	Professional Ethics & Intellectual Property Rights	18CS5T6	Employability	AR18
	Principles of Programming Languages	18CS6T1	Employability .	AR18
	Design and Analysis of Algorithms	18CS6T2	Employability .	AR18
	Data Warehousing and Data Mining	18CS6T3	Employability	AR18
	Object Oriented Analysis and Design using UML	18CS6T4	Employability	AR18
	TCP/IP Protocols	18CS6T5A	Employability	AR18
100000000000000000000000000000000000000	Data Analytics-4	18CS6T5B	Employability	AR18
	Cloud Computing-4	18CS6T5C	Employability	AR18
	Web and Mobile Development-4	A REAL PROPERTY AND A REAL	Employability	AR18
	Cyber Security-4	18CS6T5E	Employability	AR18
	Object Oriented Analysis and Design using UML Lab	18CS6L1	Skill development	AR18
	Data Mining Lab	18CS6L2	Skill development	AR18
	Internship & Mini Project	18CS6I1	Skill development	AR18
Sec. Sec.	Cryptography and Network Security	18CS7T1	Employability	AR18
and at similar	Hadoop and Big Data	18C57T2	Employ dillity	ARIS
	Artificial Intelligence	18CS7T3	Employability	AR18
	Adhoc & Sensor Networks	18CS7T4	Employability	AR18
	Elective V : Mobile Computing	18CS7T5A	Employability	AR18
	Cloud Computing	18CS7T5B	Employability	AR18

	Forensic Computing	18CS7T5C	Employability	AR18
	Hadoop & Big Data Lab	18CS7L1	Skill development	AR18
	J2ME & Android Programming Lab	18CS7L2	Skill development	AR18
	Distributed Systems	18CS8T1	Employability	AR18
	Machine Learning	18CS8T2	Employability	AR18
B.TECH CSE	Internet of Things	18CS8T3A	Employability	AR18
	Natural Language Processing	18CS8T3B	Employability	AR18
	Deep learning	18CS8T3C	Employability .	AR18
	Management science	18CS8T4	Employability	AR18
	Project Work		Skill development	AR18

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DEPARTMENT OF ELECTRICAL AND ELECTRNICS ENGINEERING

List of Employability/ Entrepreneurship/ Skill development courses offered AY 2021-22

Progra m Name	Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Regulations
	Engineering Physics	20BS1T1	Employability	AR20
	Ordinary Differential Equations & Calculus	20BS1T2	Employability	AR20
	Electrical Circuit Analysis	20ES1T3	Employability	AR20
	C Programming	20ES1T4	Employability	AR20
	Engineering Graphics And Design	20ES1T5	Employability	AR20
	Engineering /Applied Physics Lab	20BS1L1	Skill development	AR20
MELLER .	C Programming Lab	20ES1L2	Skill development	AR20
	Engineering Workshop & ITWS Lab	20ES1L3	Skill development	AR20
	Communicative English-I	20HS2T1	Employability	AR20
	Linear Algebra & Transformation	20BS2T2	Employability	AR20
	Engineering Chemistry	20BS2T3	Employability	AR20
	Python programming	20ES2T4	Employability	AR20
	Engineering Mechanics	20ES2T5	Employability	AR20
B.TECH EEE	Communicative English Lab	20HS2L1	Skill development	AR20
	Engineering Chemistry Lab	20BS2L2	Skill development	AR20
	Python Lab	20ES2L3	Skill development	AR20
	Environmental Studies	20MC2T6	Employability	AR20
	Numerical Methods & Complex Variables	20BS3T1	Employability	AR20
	Electrical Circuit Analysis-II	20EE3T2	Employability	AR20
	Electrical Machines-I	20EE3T3	Employability ·	AR20
	Electronic Devices & Circuits	20BE3T4	Employability	AR20
	Power Systems-1	20EE3T5	Employability .	AR20
	Electrical Circuits Laboratory	* 20EE3L1	Skill development	AR20
	Electrical Machines -I Laboratory	20EE3L2	Skill development	AR20
	Electronic Devices & Circuits Lab	20EE3L3	Skill development	AR20
	Electrical Safety	20EE3T6A	Skill development	AR20
The second second	Data Analytics-I	20SE3T6B	Employability	AR20

	Cloud Computing-I	20SE3T6C	Employability	AR2
	Web & Mobile Development- I	20SE3T6D	Employability	AR2
	Cyber Security-I	20SE3T6E	Employability	AR2
	Essence of Indian Traditional Knowledge	20MC3T7	Skill development	AR2
	Communicative English-II	20HS4T1	Employability	AR2
	Electro Magnetic Fields	20EE4T2	Employability	AR2
	Control Systems	20EE4T3	Employability	AR2
	Electrical Machines-II	20EE4T4	Skill development	AR2
	Power Systems-II	20EE4T5	Skill development	AR2
			Skill development	AR2
	Communicative English-II Lab	20ES4L1		
	Electrical Machines-II Laboratory	20EE4L2	Skill development	AR20
	Control Systems Lab	20EE4L3	Employability	AR20
	Robotics And Humanoids	20SE4T6A	Employability	AR20
	Data Analytics-II	20SE4T6B	Employability	AR20
	Cloud Computing-II	20SE4T6C	Employability	AR20
	Web & Mobile Development- Il	20SE4T6D	Employability	AR20
	Cyber Security-II	20SE4T6E	Employability	AR20
	Power Electronics	18EE5T1	Employability	AR18
B.TECH EEE	Power System Analysis	18EE5T2	Employability	AR18
	Signals and Systems	18EE5T3	Employability	AR18
	Pulse & Digital Circuits	18EE5T4	Employability	AR18
	Management Science	18EE5T5A	Employability	AR18
	Cloud Computing-III	18EE5T5B	Employability	AR18
	Cyber security-III	18EE5T5C	Employability	AR18
	Data Analytics-III	18EE5T5D	Employability	AR18
	Web & Mobile App development-III	18EE5T5E	Employability	AR18
	IPR & Patents	18EE5T6	Employability	AR18
	Electrical Machines-II Laboratory	18EE5L1	Skill development	AR18
	Control Systems & Simulation Laboratory	18EE5L2	Skill development	AR18
	Electrical Measurements Laboratory	18EE5L3	Skill development	AR18
	Power Electronic Controllers & Drives	18EE6T1	Employability	AR18
	Micro Processors and Micro controllers	18EE6T2	Employability	AR18
	Switchgear and Protection	18EE6T3 18EC6T4	Employability	AR18
	Linear IC Applications Cloud Computing-IV	18EE6T5A	Employability Employability	AR18
	Cyber security- IV	18EE6T5B	Employability	AR18
	Data Analytics- IV	18EE6T5C	Employability	AR18
	Web & Mobile App development- W	18EE6T5D	Employability	AR18 AR18
1	Data Structures	18EE6T6	Employability	AR18
	Data Structures Laboratory	18EE6L1	Skill development	AR18
	Professional Ethics & Human Values Power Electronics & Simulation	18EE6T7 18EE6L2	Employability	AR18
A STATISTICS PARTY AND A	Laboratory	TOFFICE	Skill development	AR18

	Utilization of Electrical Energy	18EE7T1	Employability	AR18
	OOPS Through JAVA	18EE7T2	Employability	AR18
	Power System Operation & Control	18EE7T3	Employability	AR18
	Renewable Energy Sources	18EE7T4	Employability	AR18
	Instrumentation	18EE7T5	Employability	AR18
B.TECH EEE	Cloud Computing	18EE7T6	Employability	AR18
	Microprocessors & Microcontrollers Laboratory	18EE7L1	Skill development	AR18
	Power Systems & Simulation Lab	18EE7L2	Skill development	AR18
	Digital Control Systems	18EE8T1	Employability	AR18
	HVDC Transmission & FACTS	18EE8T2	Employability	AR18
	Electrical Distribution Systems Planning & Automation	18EE8T3	Employability	AR18
	Power Quality	18EE8T4	Employability	AR18
	Project	18EE8P1	Skill development	AR18

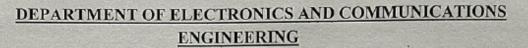
Amrita Sai Institute of Science & Technology Amrita Sai Nagar, Paritala -521780

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List of Employability/ Entrepreneurship/ Skill development courses offered in

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AY 2021-22

Program Name	Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Reg ulati ons
	Analog IC Applications	18EC5T1	Employability	AR 18
	Control Systems	18EC5T2	Employability	AR 18
	Antenna and wave propagation	18EC5T3	Skill development	AR 18
	Digital Signal Processing	18EC5T4	Employability	AR 18
	Cloud computing-III	18EC5T5	Employability ·	AR 18
	Digital Communication Lab	18EC5L1	Employability	AR 18
	Analog IC Applications Lab	18EC5L2	Employability	AR 18
	Digital Signal Processing Lab	18EC5L3	Employability	AR 18
	Professional Ethics and Human Values	18EC5T6	Entrepreneurship	AR 18
	Microwave Engineering	18EC6T1	Skill development	AR 18
	Microprocessors and Microcontrollers	18EC6T2	Employability	AR 18
	Digital IC Applications	18EC6T3	Skill development	AR 18
	Application Oriented Internet of Things	18EC6T4	Employability	AR 18
	Computer Architecture and Organization	18EC6T5B	Skill development	AR 18
	IPR & Patents	18EC6T6	Entrepreneurship	AR 18
	Microprocessors and Microcontrollers Lab	18EC6L1	Skill development	AR 18
	Digital IC Application Lab	18EC6L2	Employability	AR 18
	VLSI Design	18ÈC7T1	Employability	AR 18
	Digital Image Processing	18EC7T2	Employability	AR 18
	Radar Engineering	18EC7T3	Skill development	AR 18
	Optical communication	18EC7T4	Employability	AR 18
	Robotics	18EC7T5A	Employability	AR 18
	VLSI Design Lab	18EC7L1	Skill development	AR 18
	Microwave and Optical Communication Lab	18EC7L2	Skill development	AR 18

	Summer Training Program	18EC7T6	Skill development	AR 18
	Seminar	18EC7T7	Skill development	AR 18
	Cellular and Mobile Communication	18EC8T1	Employability	AR 18
	Electronics Measurements and Instrumentation	18EC8T2	Employability	AR 18
	Embedded Systems	18EC8T3	Employability	AR 18
	Speech and Audio Processing	18EC8T4A	Employability	AR 18
	Television Engineering	18EC8T4B	Employability	AR 18
	Artificial Neural Networks	18EC8T4C	Employability	AR 18
	Computer Network	18EC8T4D	Skill development	AR 18
	**Project Work	18EC8L1	Skill development	AR 18
	Engineering Physics	20BS1T1	Employability	AR 20
	Ordinary Differential Equations And Calculus	20BS1T2	Employability .	AR 20
	Electrical Circuit Analysis	20ES1T3	Employability	AR 20
	C Programming	20ES1T4	Skill development	AR 20
	Engineering Graphics And Design	20ES1T5	Employability	AR 20
	Engineering/Applied Physics Lab	20BS1L1	Employability	AR 20
	C Programming Lab	20ES1L2	Employability	AR 20
	Engineering Workshop & ITWS Lab	20ES1L3	Skill development	AR 20
	Environmental Studies	20MC1T6	Skill development	AR 20
	Communicative English-I	20HS2T1	Skill development	AR 20
	Linear Algebra And Transformations	20BS2T2	Employability	AR 20
	Engineering Chemistry	20BS2T3	Employability	AR 20
	Python Programming	20ES2T4	Employability	AR 20
	Engineering Mechanics	20ES2T5	Skill development	AR 20
	Communicative English Lab	20HS2L1	Skill development	AR 20
	Engineering Chemistry Lab	20BS2L2	Skill development	AR 20
	Python Lab	20ES2L3	Skill development	AR 20
	Numerical Methods And Complex Variables	20BS3T1	Skill development	AR 20
	Electronic Devices And Circuits	20EC3T2	Skill development	AR 20
	Signals And Systems	20EC3T3	Skill development	AR 20
	Switching Theory And Logic Design	20EC3T4	Skill development	AR 20
	Network Theory	20EC3T5	Skill development	AR 20
	Electronic Devices And Circuits Lab	20EC3L1	Skill development	AR 20
	Network Theory Lab	20EC3L2	Skill development	AR 20
	Switching Theory And Logic Design Lab	20EC3L3	Skill development	AR 20
	*PCB Design	20EC3S3	Skill development	AR 20
	Constitution Of India	20EC3M3	Entrepreneurship	AR 20
	Probability And Statistics	20BS4T1	Skill development	AR 20
	Computer Architecture And Organization	20EC4T2	Skill development	AR 20
	Electronic Circuit Analysis	20EC4T3	Skill development	AR 20
	Analog And Digital Communications	20EC4T4	Skill development	AR 20

AND I	Communications English Ji	20EC4T5	Skill development	AR 20
Matlab Lab Electro Analog	Communicative English -Ii Matlab And Arduino Programming	20EC4L1	Skill development	AR 20
	Lab	205041.2	Skill development,	AR 20
	Electronic Circuits Analysis Lab	20EC4L2		AR 20
	Analog And Digital Communications Lab	20EC4L3	Skill development	
	*Mini Projects On Pcb *Esim	20EC4S4	Skill development	AR 20

Amrila Sai Institute of Science & Technology Amrita Sai Nagar, Paritala -521180

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Head of the Department Electronics and Communication Engineering Amrita sai Institute of Science and Technology PARITALA (Post), Kanchikache Krishna District o F

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DEPARTMENT OF MECHANICAL ENGINEERING

List of Employability/ Entrepreneurship/ Skill development courses offered in

AY 2021-22

Program Name	Name of the Course	Cours [®] e Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Regu latio ns
	ENGINEERING PHYSICS	20BS1T1	Employability	AR20
	ORDINARY DIFFERENTIAL EQUATIONS AND CALCULUS	20BS1T2	Employability	AR20
	ELECTRICAL CIRCUIT ANALYSIS	20ES1T3	Employability	AR20
	C PROGRAMMING	20ES1T4	Employability	AR20
	ENGINEERING GRAPHICS AND DESIGN	20ES1T5	Employability	AR20
	ENGINEERING/APPLIED PHYSICS LAB	20B51L1	Skill development	AR20
	C PROGRAMMING LAB	20ES1L2	Skill development	AR20
	ENGINEERING WORKSHOP & ITWS LAB	20ES1L3	Skill development	AR20
	ENVIRONMENTAL STUDIES	20MC1T6	Employability	AR20
B.TECH MECH	COMMUNICATIVE ENGLISH-I	20HS2T1	Employability	AR20
	LINEAR ALGEBRA & TRANSFORMATIONS	20BS2T2	Employability	AR20
	ENGINEERING CHEMISTRY	20BS2T3	Employability	AR20
	PYTHON PROGRAMMING	20ES2T4	Employability	AR20
	ENGINEERING MECHANICS	20ES2T5	Employability	AR20
	COMMUNICATIVE ENGLISH LAB	20HS2L1	Skill development	AR20
	ENGINEERING CHEMISTRY LAB	20BS2L2	Skill development	AR20
	PYTHON LAB	20ES2L3	Skill development	AR20
	NUMERICAL METHODS AND COMPLEX VARIABLES	20BS3T1	Employability	AR20
	MATERIALS ENGINEERING	20ME3T2	Employability	AR20

	MECHANICS OF SOLIDS	20ME3T4	Employability	AR20
	FLUID MECHANICS & HYDRAULIC MACHINES	20ME3T5	Employability	AR20
	COMPUTER AIDED ENGINEERING GRAPHICS PRACTICE	20ME3L1	Skill development	AR20
	MECHANICS OF SOLIDS& MATERIALS ENGINEERING LAB	20ME3L2	Skill development	AR20
В.ТЕСН МЕСН	FLUID MECHANICS & HYDRAULIC MACHINES LAB	20ME3L3	Skill development	AR20
	INDUSTRIAL APPLICATIONS OF CAD-I	20ME3T6A	Employability	AR20
	CLOUD COMPUTING-I	20ME3T6B	Employability	AR20
	WEB & MOBILE DEVELOPMENT-I	20ME3T6C	Employability	AR20
	CYBER SECURITY-I	20ME3T6D	Employability	AR20
	DATA ANALYTICS-I	20ME3T6E	Employability	AR20
	CONSTITUTION OF INDIA	20ME3M3	Employability	AR20
	PROBABILITY AND STATISTICS	20B54T1	Employability	AR20
	MANUFACTURING PROCESSES	20ME4T2	Employability	AR20
	DESIGN OF MACHINE MEMBERS-I	20ME4T3	Employability	AR20
	APPLIED THERMO DYNAMICS	20ME4T4	Employability	AR20
	COMMUNICATIVE ENGLISHII	20ME4T5	Employability	AR20
	ELECTRICAL CIRCUITS LAB	20ME4L1	Skill development	AR20
	THERMAL ENGINEERING LAB	20ME4L2	Skill development	AR20
	MANUFACTURING PROCESSES LAB	20ME4L3	Skill development	AR20
	INDUSTRIAL APPLICATIONS OF CAD-II	20EE4T6A	Employability	AR20
	*CLOUD COMPUTING-II	20EE4T6B	Employability	AR20
	*WEB & MOBILE DEVELOPMENT-II	20EE4T6C	Employability	AR20
	*CYBER SECURITY-II	20EE4T6D	Employability	AR20
	* DATA ANALYTICS-II	20EE4T6E	Employability	AR20
	DESIGN OF MACHINE MEMBERS-II	20ME5T1	Employability	AR18
	KINEMATICS & THEORY OF MACHINES	20ME5T2	Employability	AR20
	MANUFACTURING TECHNOLOGY	20ME5T3	Employability	AR20
	1. DATA BASE MANAGEMENT SYSTEM 2. INDUSTRIAL ENGINEERING		Employability	AR20

	3. COMPUTER GRAPHICS	200E5T4		
	4. WASTE WATER MANAGEMENT 1.IC ENGINES & GAS TURBINES		Employability	AR20
			Limptoyuoting	
	2.COMPOSITE MATERIALS			
	3.ADVANCED MECHANICS OF SOLIDS	20MEST5		
	4.ALTERNATIVE SOURCES OF ENERGY			
	MANUFACTURING TECHNOLOGY LAB	20ME5L1	Skill development	AR20
	THEORY OF MACHINES LAB	20ME5L2	Skill development	AR20
	*INDUSTRIAL APPLICATIONS OF CAD-	20SE5T6A	Skill development	AR20
	*CLOUD COMPUTING-III	20SE5T6B	Employability	AR20
	*WEB & MOBILE DEVELOPMENT-III	20SE5T6C	Employability	AR20
	*CYBER SECURITY-III	20SE5T6D	Employability	AR20
	* DATA ANALYTICS-III	20SE5T6E	Employability	AR20
	IPR & PATENTS	20MC5T7	Employability	AR20
B.TECH-MECH	INSTRUMENTATION & CONTROL SYSTEMS	20ME6T1	Employability	AR20
	ENGINEERING METROLOGY	20ME6T2	Employability	AR20
	HEAT TRANSFER	20ME6T3	Employability	AR20
and the second	1.CAD/CAM		Employability	AR20
	2. SOLAR ENERGY	20ME6T4		
	3.MACHINE TOOL DESIGN			
	4.AUTOMATION IN MANUFACTURING			
	1. MEMS 2. NANO TECHNOLOGY 3. RENEWABLE ENERGY		Employability	AR20
	SOURCES 4.TOTAL QUALITY MANAGEMENT	200E6T5		
	HEAT TRANSFER LAB	20ME6L1	Skill development	AR20
	METROLOGY & INSTRUMENTATION LAB	20ME6L2	Skill development	AR20
	SIMULATION LAB	20ME6L3	Skill development	AR20
	*INDUSTRIAL APPLICATIONS OF CAD-	20SE6T6A	Employability	AR20
	*CLOUD COMPUTING-IV	20SE6T6B	Employability	AR20
	*WEB & MOBILE DEVELOPMENT-IV	20SE6T6C	Employability	AR20

	*CYBER SECURITY-IV	20SE6T6D	Employability	AR20
	* DATA ANALYTICS-IV	205E6T6E	Employability	AR20
	PROFESSIONAL ETHICS & HUMAN VALUES	20MC6T7	Employability	AR20
	1.COMPOSITE MATERIALS	20ME7T1	Employability	AR18
	2.REFRIGERATION & AIR CONDITIONIES			
	3. UNCONVENTIONAL MACHINING PROCESSES			
	4. QUALITY & RELIABILITY ENGINEERING			
B.TECH MECH	1.MECHANICAL VIBRATIONS	20ME7T2	Employability	AR20
	2. GAS DYNAMICS & JET PROPULSION			
	3.PRODUCTION PLANNING & CONTROL			
	4. DESIGN FOR MANUFACTURE			
	1.INDUSTRIAL ROBOTICS		Employability	AR20
	2. ADDITIVE MANUFACTURING			
	3. NON-DESTRUCTIVE EVALUATION	20ME7T3		
	4.OPTIMIZATION TECHNIQUES	4.24		
	1. MATERIAL CHARACTERIZATION		Employability	AR20
	2. TRIBOLOGY			
	3. AUTOMOBILE ENGINEERING	200E7T4		
	4. FINITE ELEMENT METHODS			
	1.MECHATRONICS		Employability	AR20
	2.GREEN ENGINEERING SYSTEM			
	3.ENTERPRENEURSHIP	200E7T5		
	4.POWER PLANT ENGINEERING			
	OPERATIONS RESEARCH	20HS7T6	Employability	AR20
	DESIGN/FABRICATION PROJECT	20SE7T7	Skill development	AR20
	PROJECT WORK, SEMINAR AND INTERNSHIP IN INDUSTRY	PROJECT	Skill development	AR20

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DEPARTMENT OF CIVIL ENGINEERING

List of Employability/ Entrepreneurship/ Skill development courses offered in

	Engineering Physics	20BS1T1	Skill development	AR20
	Ordinary Differential Equation and Calculus	20BS1T2	Employability	AR20
B.Tech	Electrical Circuit Analysis	20ES1T3	Employability	AR20
(CE)	C Programming	20ES1T4	Employability	AR20
	Engineering Graphics and Design	20ES1T5	Employability	AR20
	Engineering/Applied Physics Lab	20BS1L1	Skill development	AR20
	C Programming Lab	20ES1L2	Skill development	AR20
	Engineering Workshop & ITWS lab	20ES1L3	Skill development	AR20
	Communicative Engilish-I	20H52T1	Employability	AR20
	Linear Algebra and Transformation	2085272	Employability	AR20
B.Tech	Engineering Chemistry	20BS2T3	Employability	AR20
(CE)	Python Programming	20ES2T4	Employability	AR20
	Engineering Mechanics	20ES2T5	Employability	AR20
	Communicative English Lab	20HS2L1	Skill development	AR20
	Engineering Chemistry Lab	20B52L2	Skill development	AR20
	Phython Lab	20ES2L3	Employability	AR20
	Environmental Studies	20MC2T6	Skill development	
	Numerical Analysis and Statistics	20BS3T1	Skill development	AR20
	Strength of Material	20CE3T2	Skill development	AR20
B.Tech CE)	Building Material and Construction	20CE3T3	Skill development	AR20
	Surveying and Geomatics	20CE3T4	Skill development	AR20
	Fluid Mechanics	20CE3T5	Skill development	AR20
	Surveying Field work -I lab	20CE3L1	Skill development	AR20
	Strength of Materials lab	20CE3L2	Skill development	AR20
	GIS Lab	20CE3L3	Skill development	AR20
	Web and Mobile Development-1	205O3T6A	Employability	AR20
	Cloud Computing-1	20503T6B	Employability	AR20
	Cyber Security-1	20503T6C	Employability	AR20
	.Data Analyst-1	20SO3T6D	Employability	AR20
	Building Planning and	20503T6E	Employability	AR20

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		Essence of Indian Traditional Knowledge	20MC3T7	Skill development	AR20
		Engineering Geology	20ES4T1	Skill development	AR20
		Structural Analysis -I	20CE4T2	Skill development	AR20
		Transportation Engineering -I	20CE4T3	Skill development	AR20
		Hydraulie and Hydraulie Machinery	20CE4T4	Skill development	AR20
No. 100 100 100 100 100	B.Tech	Managerial Economics and Financial Analysis	20MC4T5	Skill development	AR20
	(CE)	Engineering Geology Lab	20ES4L1	Skill development	AR20
		Surveying Field work -II	20CE4L2	Employability	AR20
		FM & HHM Lab	20CE4L3	Skill development	AR20
		Web and Mobile Development-2	20SO4T5A	Employability	AR20
		Cloud Computing-2	20SO4T5B	Employability	AR20
		Cyber Security-2	20504T5C	Employability	AR20
		.Data Analyst-2	20SO4T5D	Employability	AR20
		Computer Aided Drawing -1	20SO4T5E	Employability	AR20
		Constitution of India			
-			20MC4T5	Employability	AR20
		Management Science & Financial Analysis	18CE5T1	Employability	AR18
		Engineering Geology	18CE5T2	Employability	AR18
		Structural Analysis - II	18CE5T3	Employability	AR18
and the second	B.Tech (CE)	Design and Drawing of Reinforced Concrete Structures	18CE5T4	Employability	AR18
		Transportation Engineering -		Employability	AR18
			18CE5T5		
		Concrete Technology Laboratory	18CE5L1	Skill development	AR18
		Engineering Geology Laboratory	18CE5L2	Skill development	AR18
		Transportation Engineering Laboratory	18CE5L3	Skill development	AR18
		Personality Development	18CE5T6	Employability	AR18
		Design and Drawing of Steel Struct	18CE6T1	Employability	AR18
Territe .		Geotechnical Engineering -I	18CE6T2	Employability	AR18
Contraction of the local division of the loc	3.Tech	Environmental Engineering -	18CE6T3	Employability	AR18
	CE)	Water Resources Engineering	18CE6T4	Employability	AR18
		Open Elective	18CE6T5	Employability	AR18
		Geo-technical Engineering Laboratory	18CE6L1	Employability	AR18
			18CE6L2	Skill development	AR18
Stewart In	a start	Environmental Engineering Lab	18CE6L3	Employability	AR18
		Computer Aided Engineering Laboratory			
		Internship & Summer Training	18CE6 1	Employability	AR18
		Environmental Engineering -	18CE7T1	Skill development	AR18
	3.Tech CE)	Water Resources	18CE7T2	Skill development	AR18
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1.00		2		San Days States
	II	3		DIC
	Remote sensing & GIS	R16410T		R16
	Applications	4		
	Finite Element methods	R16410T5	Skill development	R16
	Ground Improvement Techni	R16410T5	Skill development	R16
	Air pollution & Control	R16410T5	Skill development	R16
	Urban Hydrology	R16410T5D	Skill development	R16
	Traffic Engineering	R16410T5E	Employability	R16
	Advanced structural Enginee	R16410T6A	Employability	R16
and the second second	Advanced foundation Engine	R16410T6B	Employability	Rio j
	Environmental impact assess &management	R16410T6C	Skill development	R16
	Ground water development	R16410T6D	Skill development	R16
	Pavement analysis & design	R16410T6E	Employability	R16
	IPR & Patents		Skill development	R16
	GIS&CAD Lab	R16410L1	Employability	R16
	Irrigation design & drawing	R16410L2	Employability	R16
	Estimation Specification & Contracts	R16420T1	Skill development	R16
	Construction Technology & Management	R16420T2	Skill development	R16
	Prestressed Concrete	R16420T3	Skill development	R16
B.Tech	Bridge Engineering	R16420T4A	Skill development	R16
(CE)	Soil Dynamics and Foundatic	R16420T4B	Skill development	R16
	Soild and Hazardous Waste Management	R16420T4C	Skill development	R16
	Water Resources System Planning	R16420T4D	Employability	R16
	Urban Transportation Plannir	R16420T4E	Employability	R16
	Seminar on Internship project	R16420I	activity	R16
	Project	R16420P1	activity	R16

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AMRITA SAI INSTITUTE OF SCIENCE AND TECHNOLOGY

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DEPARTMENT OF CIVIL ENGINEERING

List of Employability/ Entrepreneurship/ Skill development courses offered in

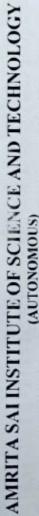
Program Name	Name of the course	Course code	Activities/Content with a direct bearing on Employability/ Skill development	Regulation
1	Theory of Elasticity	205E1T1	EMPLOYABILITY	AR20
	Structural Dynamics	20SE112	EMPLOYABILITY	AR20
	Matrix Analysis of Structures	20SE1T3A	EMPLOYABILITY	AR20
	Analytical & Numerical Methods for Structural Engineering	20SE1T3B	EMPLOYABILITY	AR20
	Design of RCC Foundations	20SEIT3C	EMPLOY ABILITY	AR20
	Bridge Engineering	20SE1T4A	SKIL DEVELOPMENT	AR20
M.Tech (SE)	Repair and Rehabilitation of Structures	COSE1T4B	EMPLOYABILITY	AR20
	Advanced Reinforced Concrete Design	ISELT4C	EMPLOYABILITY	AR20
	Advanced Concrete Technology	20SE115	EMPLOYABILITY	AR20
	Advanced Concrete Technology Laboratory	20SE1L1	SKIL DEVELOPMENT	AR20
	Advanced Structural Engineering Laboratory	20SE1L2	SKIL DEVELOPMENT	AR20
	Audat Course -1	20SELAL	SKIL DEVELOPMENT	AR20
	Finite Element Methods in Structural Engineering	205E2T1	SKIL DEVELOPMENT	AR20
	Theory of Plates and Shelis	20SE2T2	EMPLOYABILITY	AR20
	Stability of Structures	205E2T3A	EMPLOYABILITY	AR20
	Advanced Steel Design	20SE2T3B	EMPLOYABILITY	AR20
	Analysis of Offshore Structures	205E2T3C	EMPLOYABILITY	AR20
M.Tech	Farthquake Resistant Design of Buildings	205E2T4A	EMPLOYABILITY	AR20
(SE)	Precast and Prefabricated Structures	208F2T4B	EMPLOYABILITY	AR20
	Earth Retaining Structures	20SE2T4C	EMPLOYABILITY	AR20
	Computer Aided Design Laboratory	10SE2L1	EMPLOYABILITY	AR20
	Structural Design laboratory	20SE2L2	EMPLOYABILITY	AR20
	Mim Project With Schimar	20SE2MP1	SKIL DEVELOPMENT	AR20
	Audit Course -2	20SE2A2	SKIL DEVELOPMENT	AR20
	Design of Prestressed Concrete structures	20SE3TIA	EMPLOYABILITY	AR20
M.Tech	Structural Health Monitoring	20SE3T1B	SKIL DEVELOPMENT	AR20
(SE)	Industrial Structures	20SE3T1C	EMPLOYABILITY	AR20
Sec. 1	Open Elective: MOOCS		SKIL DEVELOPMENT	AR20
	Dissertation Phase-I Industrial Project	205E3IP1	SKIL DEVELOPMENT	AR20
M.Tech (SE)	Project / Dissertation Phase II	20SE4MP1	SKIL DEVELOPMENT	AR20

A.Y: 2021-22

Amrita Sai Institute of Science & Technology Amrita Sai Nagar, Paritala -521780

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

M.TECH A.Y- 2021-22

Program Name	Name of the Course	Course Code	urse Code Employability/ Entrepreneurship/ Skill development	Regulations
	Electrical Machine Modeling & Analysis	20PE1T1	Employability	AR20
	Analysis of Power Electronic Converters	20PE1T2	Employability	AR20
	Modern Control Theory	20PE1T3A	Employability	AR20
	Power Quality and Custom Power Devices	20PE1T3B	Employability	AR20
	Programmable Logic Controllers & Applications	20PE1T3C	Employability	AR20
	Artificial Intelligence Techniques	20PE1T4A	Employability	AR20
	Renewable Energy Technologies	20PE1T4B	Employability	AR20
	HVDC Transmission and Flexible AC Transmission Systems	20PE1T4C	Employability	AR20
	Research Methodology and IPR	20PE1T5	Employability	AR20
	Power Electronics Simulation Laboratory	20PE1L1	Skill development	AR20
	Power Converters Laboratory	20PEAL2	Skill development	AR20
and the second	Switched Mode Power Conversion	20PE2T1	Employability	AR20
are and	Power Electronic Control of Electrical Drives	20PE2T2	Employability	AR20
	Control & Integration of Renewable Energy Systems	20PE2T3A	Employability	AR20
135	Hybrid Electric Vehicles	20PE2T3B	Employability	AR20
	Digital Control Systems	20PE2T3C	Employability	AR20
-	Advanced Digital Signal Processing	20PE2T4A	Employability	AR20
	Applications of Power Converters	20PE2T4B	Employability	AR20
	Microcontrollers	20PE2T4C	Employability	AR20
	Electric Drives Simulation Laboratory	20PE2L1	Employability	AR20
	Electric Drives Laboratory	20PE2L2	Skill development	AR20
	Mini Project with Seminar		Skill development	AR20
	Digital Signal Processing Controlled Drives	20PE3T1A	Employability	AR20
	Smart Grid Technologies	20PE3T1B	Employability	AR20
	Modelling & Simulation of Power Electronic Systems	20PE3T1C	Employability	AR20
	Industrial Safety	20PE3T2A	Employability	AR20
	Energy Audit, Conservation & Management	20PE3T2B	Employability	AR20
	Composite Materials	20PE3T2C	Employability	AR20
	Dissertation Phase - I		Skill development	AR20
	Dissertation Phase - II		Skill development	AD'AO

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

List of Employability/ Entrepreneurship/ Skill development courses offered in

Program	Name of the course	Course code	Activities/Content with a direct bearing on Employability/ Skill development	Regulation
	Mathematical Foundations of Computer Science	20CP1T1	EMPLOYABILITY	AR20
	Advanced Data Structures & Algorithms	20CP1T2	EMPLOYABILITY	AR20
	Big Data Analytics	20CP1T3A	EMPLOYABILITY	AR20
	Digital Image Processing	20CP1T3B	EMPLOYABILITY	AR20
M.Tech	Advanced Operating Systems	20CP13C	ENDLOYABILITY	AR20
(CSE)	Advanced Computer Networks	20CP1T4A	EMPLOYABILITY	AR20
	Internet of Things	20CP1T4B	EMPLOYABILITY	AR20
	Object Oriented Software Engineering	20CP1T4C	EMPLOYABILITY	AR20
1	Research Methodology and IPR	20CP1C1	EMPLOYABILITY	AR20
	Advanced Data Structures & Algorithms Lab	20CP1L1	SKIL DEVELOPMENT	AR20
	Advanced Computing Lab	20CP1L2	SKIL DEVELOPMENT	AR20
	Audit Course-1	20CP1A1	SKIL DEVELOPMENT	AR20
	Machine learning	20CP2T1	SKIL DEVELOPMENT	AR20
	MEAN Stack Technologies	20CP2T2	EMPLOYABILITY	AR20
	Advanced Databases and	20CP2T3A	EMPLOYABILITY	AR20
	Mining Ad Hoc & Sensor Networks	20CP2T3B	EMPLOYABILITY	AR20
	Soft Computing	20CP2T3C	EMPLOYABILITY	AR20
M.Tech	Cloud Computing	20CP2T4A	EMPLOYABILITY	AR20
(CSE)	Principles of computer security	20CP2T4B	EMPLOYABILITY	AR20
	High Performance Computing	20CP2T4C	EMPLOYABILITY	AR20
	Machine Learning with python lab	20CP2L1	SKIL DEVELOPMENT	AR20
	MEAN Stack Technologies Lab	20CP2L2	SKIL DEVELOPMENT	AR20
	Mini Project with Seminar	20CP2P1	· SKIL DEVELOPMENT	AR20
t	Audit Course-2	20CP2A1	SKIL DEVELOPMENT	AR20
	Deep Learning	20CP3T1A	EMPLOYABILITY	AR20
M.Tech	Social Network Analysis	20CP3T1B	EMPLOYABILITY	AR20

A.Y: 2021-22

(CSE)	MOOCs-1 (NPTEL/SWAYAM) 12	20CP3T1C	EMPLOYABILITY	AR29
	Week Program related to the programme which is not listed in thecourse structure	20CP3T1D	EMPLOYABILITY	AR20
	MOOCs-2 (NPT EL/SWAYAM)-Any 12 Week Course on Engineering/ Management/ Mathematics offeredby other than parent department	20CP3T2A	TMPLOY ABILITY	AR20
	Course offered by other departments in the college	20CP3T2B	EMPLOYABILITY	AR20
	Dissertation-I/ Industrial Project #	20CP3P1	SKIL DEVELOPMENT	AR20
M.Tech (CSE)	Dissertation-II	20CP4P1	SKIL DEVELOPMENT	AR20

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DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

List of Employability/ Entrepreneurship/ Skill development courses offered in

A.Y: 2021-22

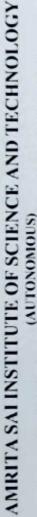
Program Name	Name of the course	Course code	Activities/Content with a direct bearing on Employability/ Skill development	Regulation
K	Computer Organization	19MCA2301	EMPLOYABILITY	AR20
	Database Management Systems	19MCA2302	EMPLOYABILITY	AR20
	Object Oriented Programming through Java	19MCA2303	EMPLOYABILITY	AR20
[Operating Systems	19MCA2304	EMPLOYABILITY	AR20
	Web Design and Development	19MCA2305	EMPLOYABILITY	AR20
мса	Database Management Systems Lab	19MCA2351	SKIL DEVELOPMENT	AR20
	Object Oriented Programming through Java Lab	19MCA2352	SKIL DEVELOPMENT	AR20
	Web Design and Development Lab	19MCA2353	SKIL DEVELOPMENT	AR20
	Personality Development Course (Logical Reasoning and English for Professionals)	19MCA5354	SKIL DEVELOPMENT	AR20
	Statistics with R	19MCA2401	SKIL DEVELOPMENT	AR20
	Computer Networks	19MCA2402	EMPLOYABILITY	AR20
	Design and Analysis of Algorithms	19MCA2403	EMPLOYABILITY	AR20
	Mobile Application Development	19MCA2404	EMPLOYABILITY	AR20
10	Industrial Management	19MCA2405	EMPLOYABILITY	AR20
F	Statistics with R Lab	19MCA2451	EMPLOYABILITY	AR20

MCA	Major Project	19MCA4651	SKIL DEVELOPMENT	AR20
	Professional Communication Practice Lab	19MCA4552	SKIL DEVELOPMENT	AR20
	Python Programming Lab	19MCA2551	EMPLOY ABILITY	AR20
	Data Mining Lab	19MCA3505		AR20
мса	ELECTIVE -1	19MCA2504	EMPLOY ABILITY EMPLOY ABILITY	AR20
	Software Engineering	19MCA2503	EMPLOYABILITY	AR20
	Data Mining	19MCA2502	EMPLOY ABILITY	AR20 AR20
	Python Programming	19MCA2501	EMPLOYABILITY	AR20
	Personality Development Course (Aptitude and Campus Recruitment Training)	19MCA5455	SKIL DEVELOPMENT	AR20
	Seminar	19MCA4454	SKIL DEVELOPMENT	AR20
	Mobile Application Development Lab	19MCA2453	EMPLOYABILITY	
	Computer Networks Lab	19MCA2452	EMPLOYABILITY	AR20 AR20

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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Program Name	Name of the Course Course Code Activities/Content with a direct bear Course Code Employability/Entrepreneurship/S	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill	Regulations
	Electrical Machine Modeling & Analysis	20PE1T1	Employability	AR20
	Analysis of Power Electronic Converters	20PE1T2	Employability	AR20
	Modern Control Theory	20PE1T3A	Employability	AR20
	Power Quality and Custom Power Devices	20PE1T3B	Employability	AR20
	Programmable Logic Controllers & Applications	20PE1T3C	Employability	AR20
	Artificial Intelligence Techniques	20PE1T4A	Employability	AR20
	Renewable Energy Technologies	20PE1T4B	Employability	AR20
	HVDC Transmission and Flexible AC Transmission Systems	20PE1T4C	Employability	AR20
	Research Methodology and IPR	20PE1T5	Employability	AR20
	Power Electronics Simulation Laboratory	20PE1L1	Skill development	AR20
	Power Converters Laboratory	20PE1L2	Skill development	AR20
	Switched Mode Power Conversion	20PE2T1	Employability	AR20
	Power Electronic Control of Electrical Drives	20PE2T2	Employability	AR20
	Control & Integration of Renewable Energy Systems	20PE2T3A	Employability	AR20
M TECH POR	Hybrid Electric Vehicles	20PE2T3B	Employability	AR20
	Digital Control Systems	20PE2T3C	Employability	AR20
	Advanced Digital Signal Processing	20PE2T4A	Employability	AR20
	Applications of Power Converters	20PE2T4B	Employability	AR20
	Microcontrollers	20PE2T4C	Employability	AR20
	Electric Drives Simulation Laboratory	20PE21.1	Employability	AR20
	Electric Drives Laboratory	20PE21.2	Skill development	AR20
	Mini Project with Seminar		Skill development	AR20
	Digital Signal Processing Controlled Drives	20PE3T1A	Employability	AR20
	Smart Grid Technologies	20PE3T1B	Employability	AR20
	Modelling & Simulation of Power Electronic Systems	20PEST1C	Employability	AR20
	Industrial Safety	20PE.J.1.2.A	Employability	AR20
	Energy Audit, Conservation & Management	20PE312B	Employability	AR20
	Composite Materials	20PE312C	Employability	AR20
	Dissertation Phase - I		Skill development	AR20
	Dissertation Phase - II		Skill development	APON

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DEPARTMENT OF CIVIL ENGINEERING

List of Employability/ Entrepreneurship/ Skill development courses offered in

A.Y: 2020-21

Program Name	Name of the course	Course code	Activities/Content with a direct bearing on Employability/ Entrepr Skill development	Regulat
	ENGINEERING PHYSICS	20BS1T1	Skill development	AR20
B.Tech	ORDINARY DIFFERENTIAL EQUATIONS AND CALCULUS	20BS1T2	Skill development	AR20
(CE)	ELECTRICAL CIRCUIT ANALYSIS	20ES1T3	Skill development	AR20
	C PROGRAMMING	20ES1T4	Skill development	AR20
	ENGINEERING GRAPHICS AND DESIGN	20ES1T5	Skill development	AR20
	ENGINEERING/APPLIED PHYSICS LAB	20BS1L1	Skill development	AR20
	C PROGRAMMING LAB	20ES1L2	Skill development	AR20
	ENGINEERING WORKSHOP & ITWS LAB	20ES1L3	Skill development	AR20
	COMMUNICATIVE ENGLISH-I	20HS2T1	Employability	AR20
B.Tech	LINEAR ALGEBRA & TRANSFORMATIONS	20BS2T2	Employability	AR20
(CE)	ENGINEERING CHEMISTRY	20BS2T3	Employability	AR20
	PYTHON PROGRAMMING	20ES2T4	Employability	AR20
	ENGINEERING MECHANICS	20ES2T5	Employability	AR20
	COMMUNICATIVE ENGLISH LAB	20HS2L1	Skill development	AR20
	ENGINEERING CHEMISTRY LAB	20BS2L2	Skill development	AR20
	PYTHON LAB	20ES 2L3	Skill development	AR20
	Environmental Studies	20MC2 T6	Skill development	AR20
	Probability & Stat	18CE3T1	Skill development	AR18
	Basic Electrical and	18CE3T2	Skill development	AR18

	Electronics En		and the second second second second	
	Strength of Materials -I	18CE3T3	Skill development	AR18
B.Tech	Building Materials and	18CE3T4	Skill development	AR18
(CE)	Construct			
	Surveying	18CE3T5	Skill development	AR18
	Fluid Mechanics	18CE3T6	Skill development	AR18
	Surveying Field work -I	18CE3L1	Skill development	AR18
	Strength of Materials Lab	18CE3L2	Skill development	AR18
	Managerial Economics and Real Estate	18CE3T7	Employability	AR18
	Building Planning and D	18CE4T1	Skill development	AR18
	Strength of Materials-II	18CE4T2-	- Skill development	AR18
B.Tech	Hydraulics and Hydraulic Machine	18CE4T3	Skill development	AR18
(CE)	Concrete Technology	18CE4T4	Skill development	AR18
	Structural Analysis - I	18CE4T5	Skill development	AR18
	Transportation Engineering - I	18CE4T6	Skill development	AR18
	FM & HHM Laboratory	18CE4L1	Skill development	AR18
	Surveying Field work - II	18CE4L2	Skill development	AR18
	Professional Ethics and Human Values	18CE4T7	Employability	AR18
	Management Science & Financial Analysis	18CE5T1	Skill development	AR18
	Engineering Geology	18CE5T2	Skill development	AR18
B.Tech (CE)	Structural Analysis - II	18CE5T3	Skill development	AR18
	Design and Drawing of Reinforced Concrete Structures	18CE5T4	Skill development	AR18
	Transportation Engineering - II	18CE5T5	Skill development	AR18
	Concrete Technology Lab	18CE5L1	Skill development	AR18
	Engineering Geology Laboratory	18CE5L2	Skill development	AR18
	Transportation Engineering Laboratory	18CE5L3	Skill development	AR18
	Personality Development	18CE5T6	Employability	AR18
	Design and Drawing of Steel	18CE6T1	Skill development	AR18
B.Tech	Geotechnical Engineering -I	18CE6T2	Skill development	AR18
(CE)	Environmental Engineering -I	18CE6T3	Skill development	AR18
	Water Resources Engineering	18CE6T4	Skill development	AR18
	Open Elective	18CE6T5	Skill development	AR18
	Geo-technical Engineering Lab	18CE6L1	Skill development	AR18
	Environmental Engineering Lab	18CE6L2	Skill development	AR18
	Computer Aided Engineering Lab	18CE6L3	Employability	AR18
	Internship & Summe	18CE6I1	Employability	AR18
	Environmental Engineering -II Water Resource	R16410T	Skill development	R16
B.Tech	Water Resource Engineering -II	R16410T 2	Skill development	R16
(CE)	Geotechnical Engineering -	R16410T	Skill development	R16

1	Remote Sensing and GIS	18CE7T4	Employability	AR18
	Applications Elective – I	18CE7T5	Employability	AR18
	Elective – II	18CE7T6	Employability	AR18
	CAD and GIS Lab	18CE7L1	Employability	AR18
	Irrigation Design and Drawing	18CE7L2	Skill development	AR18
	IPR & Patent	18CE7T7	Skill development	AR18
	Estimation Specification and Contracts	18CE8T1	Skill development	AR18
B.Tech (CE)	Construction Technology and Management	18CE8T2	Skill development	AR18
	Pre-Stressed Concrete	18CE8T3	Skill development	AR18
	Elective III	18CE8T4	Skill development	AR18
	Project Work	18CE8P1	Skill development	AR18

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DEPARTMENT OF ELECTRICAL AND ELECTRNICS ENGINEERING

List of Employability/ Entrepreneurship/ Skill development courses offered AY 2020-21

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Progra m Name	Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Regulation
	Engineering Physics	20BS1T1	Employability	AR20
	Ordinary Differential	20BS1T2	Employability	AR20
	Equations & Calculus			
	Electrical Circuit Analysis	20ES1T3	Employability	AR20
	C Programming	20ES1T4	Employability	AR20
	Engineering Graphics And Design	20ES1T5	Employability	AR20
	Engineering /Applied Physics Lab	20BS1L1	Skill development	AR20
	C Programming Lab	20ES1L2	Skill development	AR20
	Engineering Workshop & ITWS Lab	20ES1L3	Skill development	AR20
	Communicative English-I	20HS2T1	Employability	AR20
	Linear Algebra & Transformation	20BS2T2	Employability	AR20
	Engineering Chemistry	20BS2T3	Employability	AR20
•	Python programming	20ES2T4	Employability	AR20
	Engineering Mechanics	20ES2T5	Employability	AR20
	Communicative English Lab	20HS2L1	Skill development	AR20
B.TECH EEE	Engineering Chemistry Lab	20BS2L2	Skill development	AR20
5. ILCII LEE	Python Lab	20ES2L3	Skill development	AR20
	Environmental Studies	20MC2T6	Employability	AR20
	Electrical Circuit Analysis - II	18EE3T1	Employability	AR18
	Electrical Machines-I	18EE3T2	Employability	AR18
	Electronic Devices & Circuits	18EE3T3	Employability	AR18
	Electro Magnetic Fields	18EE3T4	Employability	AR18
	Thermal and Hydro Prime Movers	18EE3T5A	Employability	AR18
	Cloud Computing-I	18EE3T5B	Employability	AR18
	Cyber security-l	18EE3T5C	Employability	AR18
	Data Analytics-I	18EE3T5D	Employability	AR18
	Web & Mobile App development-I	18EE3T5E	Employability	AR18
	CAD/CAM	18EE3T5F	Employability .	AR18
	Power Systems-I	18EE3T6	Skill development	AR18
Contraction in the	Thermal and Hydro	18EE3L1	Skill development	AR18

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	Laboratory	Sector Sector Sector		
	Electrical Circuits	18EE3L2	Skill development	ARI
	Laboratory		R. Laurahillitar	4.77.1
Section States	Electrical Measurements	18EE4T1	Employability	ARI
	Electrical Machines-II	18EE4T2	Employability	AR1
And I all	Switching Theory and Logic Design	18EE4T3	Employability	ARI
	Control Systems	18EE4T4	Employability	AR1
	Managerial Economics & Financial Analysis	18EE4T5A	Employability	ARI
	Cloud Computing-II	18EE4T5B	Employability	ARI
	Cyber security-II	18EE4T5C	Employability	ARI
and the second	Data Analytics-II	18EE4T5D	Employability	ARI
	Web & Mobile App	18EE4T5E	Employability	AR1
Text States	development-II	18EE4T6	Employability	ARI
	Power Systems -II	the second s	Skill development	ARI
	Electrical Machines -I Laboratory	18EE4L1		ARI
	Electronic Devices & Circuits Lab	18EE4L2	Skill development	
	Power Electronics	18EE5T1	Employability	ARI
	Power System Analysis	18EE5T2	Employability	ARI
	Signals and Systems	18EE5T3	Employability	ARI
	Pulse & Digital Circuits	18EE5T4	Employability	ARI
o mo qui popo	Management Science	18EE5T5A	Employability	ARI
B.TECH EEE	Cloud Computing-III	18EE5T5B	Employability	ARI
	Cyber security-III	18EE5T5C	Employability	ARIS
	Data Analytics-III	18EE5T5D	Employability	AR18
	Web & Mobile App development-III	18EE5T5E	Employability	AR18
	IPR & Patents	18EE5T6	Employability	AR18
	Electrical Machines-II	18EE5L1	Skill development	ARI
	Laboratory Control Systems &	18EE5L2	Skill development	ARI
	Simulation Lab Electrical Measurements	18EE5L3	Skill development	ARI
	Laboratory Power Electronic	18EE6T1	Employability	ARI
	Controllers & Drives Micro Processors and Micro controllers	18EE6T2	Employability	ARI
	Switchgear and	18EE6T3	Employability	ARI
	Protection Linear IC Applications	18EC6T4	Employability	ARI
	Cloud Computing-IV	18EE6T5A	Employability	ARI
	Cyber security- IV	18EE6T5B	Employability	ARI
1 States	Data Analytics- IV	18EE6T5C	Employability	ARI
	Web & Mobile App	18EE6T5D	Employability	ARI
	development- IV Data Structures	18EE6T6	Employability	ARI
	Data Structures	18EE6L1	Skill development	ARI
	Laboratory Professional Ethics &	18EE6T7	Employability	ARI
No prime in the	Human Values	18EE6L2	Skill development	ARI
	Power Electronics & Simulation Lab	R1641021		R16
The Cardina and the Control of the C	Utilization of Electrical	K1041021	Employability	R10

	Linear IC Applications	R1641022	Employability	R16
	Power System Operation & Control	R1641023	Employability	R16
	Switchgear and Protection	R1641024	Employability	R16
	Electrical Machine Modeling and Analysis	R164102A	Employability	RJ6
	Advanced Control Systems	R164102B	Employability	R16
	Programmable Logic Controllers& Applications	R164102C	Employability	R16
	Instrumentation	R164102D	Employability	R16
	Optimization Techniques	R164102E	Employability	Rie
	Electric Power Quality	R164102F	Employability	R16
B.TECH EEE	Special Electrical Machines	R164102G	Employability	R16
B.IECH EEE	Electrical Simulation Laboratory	R1641027	Skill development	R16
	Power Systems & Simulation Lab	R1641028	Skill development	R16
	Digital Control Systems	R1642021	Employability	R16
	Hvdc Transmission	R1642022	Employability	R16
	Electrical Distribution Systems	R1642023	Employability	R16
	High Voltage Engineering	R164202A	Employability	R16
	Flexible Alternating Current Transmission Systems	R164202B	Employability	R16
	Power System Reforms	R164202C	Employability	R16
	Seminar	R1642025	Skill development	R16
and the second	Project	R1642026	Skill development	R16

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DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING

List of Employability/ Entrepreneurship/ Skill development courses offered in

AY 2020-21

Program Name	Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Reg ulat ions
B.Tech	Engineering Physics	20BS1T1	Employability	AR 20
(ECE)	Ordinary Differential Equations . And Calculus	20BS1T2 ;	Employability	AR 20
	Electrical Circuit Analysis	20ES1T3	Employability	AR 20
	C Programming	20ES1T4	Employability	AR 20
	Engineering Graphics And Design	20ES1T5	Employability	AR 20
	Engineering/Applied Physics Lab	20BS1L1	Employability	AR 20
	C Programming Lab	20ES1L2	Employability	AR 20
	Engineering Workshop & ITWS Lab	20ES1L3	Skill development	AR 20
	Environmental Studies	20MC1T6	Entrepreneurship	AR 20
	Communicative English-I	20HS2T1	Skill development	AR 20
	Linear Algebra And Transformations	20BS2T2	Employability ,	AR 20
	Engineering Chemistry	20BS2T3	Skill development	AR 20
	Python Programming	20ES2T4	Employability	AR 20
	Engineering Mechanics	20ES2T5	Employability	AR 20
	Communicative English Lab	20HS2L1	Employability	AR 20
	Engineering Chemistry Lab	20BS2L2	Employability	AR 20
	Python Lab	20ES2L3	Employability	AR 20
	Signals & Systems	18EC3T1	Employability	AR 18
	Electronic Devices and Circuits	18EC3T2	Employability	AR 18
	Probability Theory and Random Process	18EC3T3	Employability	AR 18
	Switching Theory and Logic Design	18EC3T4	Employability	AR 18
	Managerial Econamics & Financial Analysis	18EC3T5A	Employability	AR 18
	Network Theory	18EC3T6	Employability .	AR 18
	Electronics and Devices Circuits Lab	18EC3L1	Employability	AR 18
	Network Theory Lab	18EC3L2 👘	Employability	AR 18
	Electromagnetic Theory and Transmission Lines	18EC4T1	Employability	AR 18

Electronic Circuit Analysis	18EC4T2	Employability	AR IS
Analog & Digital	1880412		AR 1
Communication	18EC4T3	Employability	AK I
Pulse and Digital Circuits	18EC4T4	Employability '	AR 1
Management Science	18EC4T5A	Employability	AR 1
Pulse and Digital Circuits Lab	18EC4L1	Employability	AR 1
Analog Communication Lab	18EC4L2	Employability	AR 1
Electronic Circuits Analysis Lab	18EC4L3	Employability	AR 1
Personality development	18EC4T6	Employability	AR 1
Analog IC Applications	18EC5T1	Skill development	AR 1
Control Systems	18EC5T2	Employability	AR 1
Antenna and wave propagation	18EC5T3	Employability	AR 1
Digital Signal Processing	18EC5T4	Employability	AR 1
Biomedical Engineering	18EC5T5	Employability	AR 1
Digital Communication Lab	18EC5L1	Employability	AR 18
Analog IC Applications Lab	18EC5L2	Employability	AR 18
Digital Signal Processing Lab	18EC5L3	Employability	AR 18
Professional Ethics and Human Values	18EC5T6	Skill development	AR 18
Microwave Engineering	18EC6T1	Skill development	AR 18
Microprocessors and Microcontrollers	18EC6T2	Skill development	AR 18
Digital IC Applications	18EC6T3	Employability	AR 18
Application Oriented Internet of Things	18EC6T4	Employability	AR 18
OOPs Through JAVA	18EC6T5A	Employability	AR 18
IPR & Patents	18EC6T6	Skill development	AR 18
Microprocessors and Microcontrollers Lab	18EC6L1	Skill development	AR 18
Digital IC Application Lab	18EC6L2	Employability	AR 18
Computer Architecture and Organization	R1631041	Employability	R16
Linear I C Applications	R1631042	Employability	R16
Digital I C Applications	R1631043	Employability	R16
Digital Communications	R1631044	Employability	R16
Antenna and Wave Propagation	Designed and the second second	Employability ·	R16
Pulse and Digital Circuits Lab	R1631045	Employability	R16
	R1631049		Contraction of the
Linear I C Applications Lab	R1631041	Employability	R16
Digital I C Applications Lab	R1631042	Employability	R16
Professional Ethics & Human Values	R1631043	Skill development	R16
Micro Processors & Micro Controllers	R1632041	Entrepreneurship	R16
Micro Wave Engineering	R1632042	Employability	R16
VLSI Design	R1632043	Employability	R16
Digital Signal Processing	R1632044	Employability	R16
Bio-Medical Engineering	R163204D	Employability	R16
Radar Systems	R1641041	Employability	R16
Digital Image Processing	R1641042	Employability	R16
Computer Networks	R1641043	Employability	R16
Optical Communications	R1641044	Employability .	R16
		Lanprojaoning	KIU

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-	Embedded Systems	R164104D	Employability	R16
(-	Cellular Mobile Communications	R1642041	Employability	R16
	Electronic Measurements and	R1642042	Employability	R16
	Instrumentation Satellite Communications	R1642043	Employability	R16
	Wireless sensors & Networks	R164204A	Employability	R16
	Seminar	R1642045	Employability	R16
	Project	R1642046	Employability	R16

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www.amritasai.org.in,Phone: 0866-2428399 DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

List of Employability/ Entrepreneurship/ Skill development courses offered in

Program Name	Name of the Course	Course ^{e :} Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Regul ations
	Communicative English-I	20HS1T1	Employability	AR20
	Ordinary Differential Equations & Calculus	20BS1T2	Employability	AR20
	Engineering Chemistry	20BS1T3	Employability	AR20
	IT workshop	20CS1T4	Employability	AR20
	Python-I	20CS1T5	Employability	AR20
	Communicative English Lab	20HS1L1	Skill development	AR20
	Engineering Chemistry Lab	20BS1L2	Skill development	AR20
	Python lab-I	20CS1L3	Skill development	AR20
	Environmental Studies	20MC1T6	Employability	AR20
	Applied Physics	20BS2T1	Employability .	AR20
	Linear Algebra & Transformation	20BS2T2	Employability	AR20
	Data Structures using C++	20CS2T3		AR20
	Python-II	20CS2T4		AR20
	Engineering Graphics & Design	20CS2T5	Employability	AR20
	Engineering/ Applied Physics Lab	20BS2L1	Skill development	AR20
	Data Structures and C++ lab	20CS2L2	Skill development	AR20
	Python Lab-II	20CS2L3	Skill development	AR20
TECH CSE	Unix and Shell Programming	18CS3T1	Employability	AR18
	Mathematical Foundation of Computer Science	18CS3T2	Employability	AR18
	Computer Organization	18CS3T3	Employability	AR18
	Java Programming	18CS3T4	Employability	AR18
	Digital Logic Design	18CS3T5A	Employability	AR18
	Data Analytics-1	18CS3T5B	Employability	AR18
100 100 100 100 100 100 100 100 100 100	Cloud Computing-1	18CS3T5C	Employability	AR18
	Web and Mobile Development-1	18CS3T5D	Employability .	AR18
	Cyber Security-1	18CS3T5E	Employability	AR18
	Data structures through c++	18CS3T6	Employability	AR18
	Data Structures through C++ 🖕 Lab	18CS3L1	Skill development	AR18
	Java Programming Lab	18CS3L2		AR18
	Unix and Shell Programming Lab	18CS3L3		AR18
	Python Programming	18CS4T1	Employability	AR18
	Advanced Data Structures	18CS4T2	Employability	AR18
	Database Management Systems	18CS4T3	Employability	AR18

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	and present of the	Formal Languages and	18CS4T4	Employability	AR18 ·
		Automata Theory	18CS4T5A	Employability	1010
- 8		Computer Graphics	18CS4T5R	Employability	AR18
		Data Analytics-2	18CS4T5C	Employability	AR18
	Constanting for	Cloud Computing-2 Web and Mobile Development-	18CS3T5D	Employability	AR18
24		2	10033130	Employability	AR18
		Cyber Security-2	18CS4T5E	Employability	AR18
		Operating Systems	18CS4T6	Employability	AR18
		Advanced Data Structures Lab	18CS4L1	Skill development	AR18
		Python Programming Lab	18CS4L2	Skill development	AR18
	The second second	Web Technologies	18CS5T1	Employability	AR18
32		Statistics with R Programming	18CS5T2	Employability	AR18
		Software Engineering	18CS5T3	Employability	AR18
3		Computer Networks	18CS5T4	Employability	AR18
		Compiler Design	18CS5T5A	Employability	AR18
		Data Analytics-3	18CS5T5R	Employability	AR18
		Cloud Computing-3		Employability	AR18
			18CS5T5C	Employability	AR18
12		Web and Mobile Development-3	18CS5T5D		AR18
		Cyber Security-3	18CS5T5E	Employability	and the second se
		Statistics with R Programming Lab	18CS5L1	Employability	AR18
		Computer Networks Lab	18CS5L2	Skill development	AR18
	Status and	Web Technologies Lab	18CS5L3	Skill development	AR18
	B.TECH CSE	Professional Ethics & Intellectual Property Rights	18CS5T6	Employability	AR18
		Principles of Programming Languages	18CS6T1	Employability	AR18
		Design and Analysis of Algorithms	18CS6T2	Employability	AR18
100	(Data Warehousing and Data Mining	180S6T3	Employability	AR18
		Object Oriented Analysis and Design using UML	18CS6T4	Employability	, AR18
		TCP/IP Protocols	18CS6T5A	Employability	AR18
		Data Analytics-4	18CS6T5B	Employability	AR18
		Cloud Computing-4	18CS6T5C	Employability	AR18
		Web and Mobile Development-4	and the second se	Employability	AR18
and a		web and woblie bevelopment-4	and the second second		
		Cyber Security-4	18CS6T5E	Employability	AR18
10		Object Oriented Analysis and Design using UML Lab	18CS6L1	Skill development	AR18
		Data Mining Lab	18CS6L2	Skill development	AR18
		Internship & Mini Project	18CS6I1	Skill development	AR18
and a	Central and	Cryptography and Network	R1641051	Employability	R16
	The second	Security Software Architecture & Design	R1641052	Employability	R16
		Patterns Web Technologies	R1641053	Employability	R.16
		Managerial Economics and	R1641054	Employability	R16
		Managerial Economics and Financial Analysis			and the second
		i. Big Data Analytics	R164105A	Employability	R16

	ii. Information Retrieval Systems iii. Mobile Computing		1	
	Cloud Computing	R164105D	Employability	R16
	Software Architecture & Design Patterns Lab	R1641057	Skill development	R16
	Web Technologies Lab	R1641058	Skill development	R16
	Distributed Systems	R1642051	Employability	R16
B.TECH CSE	Management Science	R1642052	Employability	R16
	Machine Learning	R1642053	Employability	R16
	i. Concurrent and Parallel Programming ii.Artificial Neural Networks iii.Operations Research	R164205A	Employability	R16
	Seminar	R1642055	Skill development	R16
	Project	R1642056	Skill development	R16



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DEPARTMENT OF MECHANICAL ENGINEERING

List of Employability/ Entrepreneurship/ Skill development courses offered in

Program Name	Name of the Course	Cours e Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Regu latio ns
	ENGINEERING PHYSICS	20BS1T1	Employability	AR20
	ORDINARY DIFFERENTIAL EQUATIONS AND CALCULUS	20BS1T2	Employability	AR20
	ELECTRICAL CIRCUIT ANALYSIS	20ES1T3	Employability	AR20
	C PROGRAMMING	20ES1T4	Employability	AR20
	ENGINEERING GRAPHICS AND DESIGN	20ES1T5	Employability	AR20
	ENGINEERING/APPLIED PHYSICS LAB	20BS1L1	Skill development	AR20
	C PROGRAMMING LAB	20ES1L2	Skill development	AR20
	ENGINEERING WORKSHOP & ITWS LAB	20ES1L3	Skill development	AR20
	ENVIRONMENTAL STUDIES	୬ 20MC1T6:	Employability	AR20
	COMMUNICATIVE ENGLISH-I	20HS2T1	Employability	AR20
	LINEAR ALGEBRA & TRANSFORMATIONS	20BS2T2	Employability	AR20
B.TECH MEC	HENGINEERING CHEMISTRY	20BS2T3	Employability	AR20
	PYTHON PROGRAMMING	20ES2T4	Employability	AR20
	ENGINEERING MECHANICS	20ES2T5	Employability	AR20
	COMMUNICATIVE ENGLISH LAB	20HS2L1	Skill development	AR20
	ENGINEERING CHEMISTRY LAB	20BS2L2	Skill development	AR20
	PYTHON LAB	20ES2L3	Skill development	AR20
	Metallurgy & Materials Science	. 18ME3Ţ1	Employability	AR18
	Engineering Drawing-II	18ME3T2	Employability	AR18

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	Thermodynamics	18ME3T3	Employability	AR18
	Mechanics of Solids	18ME3T4	Employability	AR18
	Engineering Economics	18ME3T5A	Employability	AR18
	Data Analysis-I	18CS3T5B	Employability	AR18
	Cloud Computing-I	18CS3T5C	Employability	AR18
	Web and Mobile Development –I	18CS3T5D	Employability	AR18
	Cyber Security-I	18CS3T5E	Employability	AR18
	Industrial applications of CAD-1	18CE3T5F	Employability	AR18
	Electrical & Electronics Engineering Lab	18ME3L1	Skill development	AR18
.TECH	MECH Mechanics of Solids & Metallurgy Lab	18ME3L2	Skill development	AR18
	Auto CAD-LAB	18ME3L3	Skill development	AR18
	Fluid Mechanics & Hydraulic Machines	18ME4T1	Employability	AR18
	Theory of Machines-I	18ME4T2	Employability	AR18
	Manufacturing Processes	18ME4T3	Employability	AR18
	Applied Thermodynamics	18ME4T4	Employability	AR18
	Machine Drawing	18ME4T5A	Employability	AR18
	Data Analytics-II	18CS4T5B	Employability	AR18
	Cloud Computing-II	18CS4T5C	Employability	AR18
	Web and Mobile Development –I	18CS4T5D	Employability	AR18
	Cyber Security-II	18CS4T5E	Employability	AR18
·	Industrial applications of CAD-II	18CE4T5F	Employability	AR18
	Design of Machine Members -I	18ME4T6	Employability	AR18
	Manufacturing Processes Lab	18ME4L1	Skill development	AR18
	Fluid Mechanics & Hydraulic Machinery Lab	18ME4L2	Skill development	AR18
	I.C Engines & Gas Turbines	18ME5T1	Employability	AR18
	Theory of Machines-II	18ME5T2	Employability	AR18
	Manufacturing Technology	18ME5T3	Employability	AR18
	Design of Machine Members-II	18ME5T4	Employability	.AR18
	Industrial Engineering and Management	18ME5T5A	Employability	AR18
	Data Analytics-III	18CSST5B	Employability	AR18

	Cloud Comercia ut	18CS5T5C	Employability	AR18
	Cloud Computing-III			
	Web and Mobile Development –III	18CS5T5D	Employability	AR18
	Cyber Security-III	18CS5T5E	Employability	AR18
	Industrial applications of CAD-III	18CE5T5F	Employability	AR18
	IPR&P	Mandatory course	Skill development	AR18
	Theory of Machines Lab	18ME5L1	Skill development	AR18
	Manufacturing Technology Lab	18ME5L2	Skill development	AR18
	Thermal Engineering Lab	18ME5L3	Skill development	AR18
	Personality Development	18ME5L4	Skill development	AR18
	Instrumentation & Control Systems	18ME6T1	Employability	AR18
B.TECH I	MECHMetrology	18ME6T2	Employability	AR18
	Operations Research	18ME6T3	Employability	AR18
	Refrigeration & Air-conditioning	18ME6T4	Employability	AR18
	Green Engineering Systems	18ME6T5A	Employability	AR18
	Data Analytics-IV	18CS6T5B	Employability	AR18
	Cloud Computing-IV	18CS6T5C	Employability	AR18
	Web and Mobile Development –IV	18CS6T5D	Employability	AR18
	Cyber Security-IV	18CS6T5E	Employability	AR18
	Industrial applications of CAD-IV	18CE6T5F	Employability	AR18
	Heat Transfer	18ME6T6	Employability	AR18
	Constitution of India	Mandatory course	Skill development	AR18
	Heat Transfer Lab	18ME6L1	Skill development	AR18
	Metrology & Instrumentation Lab	18ME6L2	Skill development	AR18
	Industrial Internship	18ME6L3	Skill development	AR18
	Finite Element Methods	18ME7T1	Employability	R16
	Micro Electro Mechanical Systems	18ME7T2	Employability	AR18
	CAD/CAM	18ME7T3	Employability	AR18
1	Power Plant Engineering	18ME7T4	Employability	AR18
	Production Planning and control	18ME7T5	Employability	AR18
	Computational Fluid Dynamics	18ME7T6A	Employability	AR18

Condition Monitoring	18ME7T6B	Employability	AR18
Additive Manufacturing	18ME7T6C	Employability	AR18
Project-1	18ME7P1	Employability	AR18
Simulation Lab	18ME7L1	Skill development	AR18
Unconventional Machining Processes	18ME8T1	Employability	AR18
Automobile Engineering	18ME8T2	Employability	AR18
Advanced Materials	18ME8T3A	Employability	AR18
Design for Manufacture	18ME8T3B	Employability	AR18
Gas Dynamics & Jet Propulsion	18ME8T3C	Employability	AR18
Thermal Equipment Design	18ME8T4A	Employability	AR18
Non Destructive Evaluation	18ME8T4B	Employability	AR18
Quality and Reliability Engineering	18ME8T4C	Employability	AR18
Project-2	18ME8P2	Skill development	AR18



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DEPARTMENT OF CIVIL ENGINEERING

List of Employability/ Entrepreneurship/ Skill development courses offered in

Regulation Program Activities/Content with a direct Name of the course Course code Name bearing on Employability/ Entrepreneurship/ Skill development EMPLOYABILITY Theory of Flasticity 20SEITI AR20 AR20 Structural Dynamics Matrix Analysis of Structures 20SE1T2 EMPLOYABILITY AR20 20SEIT3A EMPLOYABILITY Analytical & Numerical Methods for Structural Engineering EMPLOYABILITY AR20 20SELT3B AR20 Design of RCC Found. EMPLOYABILITY 20SE1T3C Bridge Engineering AR20 20SELT4A SKIL DEVELOPMENT AR20 M.Tech Repair and Rehabilitation of 20SEIT4B SKIL DEVELOPMENT (SE) AR20 Advanced Reinforced Concrete EMPLOYABILITY 20SELT4C Design AR20 Advanced Concrete Technology 20SE1T5 EMPLOYABILITY Advanced Concrete Technology AR20 EMPLOYABILITY 20SEIL1 Laboratory AR20 Advanced Structural Engineering EMPLOYABILITY 20SE11.2 Laboratory Audia Course AR20 20SE1A1 SKIL DEVELOPMENT Finite Element Methods in SKIL DEVELOPMENT **AR20** 20SE2T1 Structural Engineerin EMPLOYABILITY **AR20** Theory of Plates and Shells 20SE2T2 AR20 OSE2T3A EMPLOYABILITY Advanced Steel Design Analysis of Offshore Structure EMPLOYABILITY AR20 08/E2T3B 20SE2T3C EMPLOYABILITY AR20 Earthquake Resistant Design of AR20 20SE2T4A EMPLOYABILITY M.Tech Buildings (SE) AR20 Precast and Prefabricated Structures 20SE2T4B EMPLOYABILITY 20SE2T4C AR20 Earth Retaining Structures EMPLOYABILITY Computer Aided Design Laboratory AR20 EMPLOYABILITY Structural Design laboratory AR20 SKIL DEVELOPMENT Man Project With Seminar 20SF2MP1 AR20 SKIL DEVELOPMENT 20SE2A2 Audit Course -2 AR20 SKIL DEVELOPMENT 18SE3S1 SKIL DEVELOPMENT ARIS Seminar Thesis-Part-I 18SE3J1 SKIL DEVELOPMENT M.Tech ARIS 18SE3R1 Research methodologies SKIL DEVELOPMENT AR18 (SE) SKIL DEVELOPMENT 18SE4P1 Project work & Thesis part-II M.Tech AR18 (SE)

A.Y: 2020-21

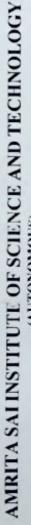
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

M.TECH A.Y-2020-21

Program Name	Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Regulations
	Electrical Machine Modeling & Analysis	20PE1T1	Employability	AR20
	Analysis of Power Electronic Converters	20PE1T2	Employability	AR20
	Modern Control Theory	20PE1T3A	Employability	AR20
	Power Quality and Custom Power Devices	20PE1T3B	Employability	AR20
	Programmable Logic Controllers & Applications	20PE1T3C	Employability	AR20
	Artificial Intelligence Techniques	20PE1T4A	Employability	AR20
	Renewable Energy Technologies	20PE1T4B	Employability	AR20
	HVDC Transmission and Flexible AC Transmission Systems	20PE1T4C	Employability	AR20
	Research Methodology and IPR	20PE175	Employability	AR20
	Power Electronics Simulation Laboratory	20PL 11.1	Skill development	AR20
	Power Converters Laboratory	20PE1L2	Skill development	AR20
	Switched Mode Power Conversion	20PE2T1	Employability	AR20
	Power Electronic Control of Electrical Drives	20PE2T2	Employability	AR20
	Control & Integration of Renewable Energy Systems	20PE2T3A	Employability	AR20
	Hybrid Electric Vehicles	20PE2T3B	Employability	AR20
	Digital Control Systems	20PE2T3C	Employability	AR20
	Advanced Digital Signal Processing	20PE2T4A	Employability	AR20
	Applications of Power Converters	20PE2T4B	Employability	AR20
	Microcontrollers	20PE2T4C	Employability	AR20
	Electric Drives Simulation Laboratory	20PE2L1	Employability	AR20
	Electric Drives Laboratory	20PE2L2	Skill development	AR20
	Mini Project with Seminar		Skill development	AR20
	Digital Signal Processing Controlled Drives	20PE3T1A	Employability	AR20
	Smart Grid Technologies	20PE3T1B	Employability	AR20
	Modelling & Simulation of Power Electronic Systems	20PE3T1C	Employability	AR20
	Industrial Safety	20PE.312A	Employability	AR20
	Energy Audit, Conservation & Management	20PE3T2B	Employability	AR20
	Composite Materials	20PE3T2C	Employability	AR20
	Dissertation Phase - I		Skill development	AR20
	Dissertation Phase - II		Skill davatorement	

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

List of Employability/ Entrepreneurship/ Skill development courses offered in A.Y: 2020-21

Program Name	Name of the course	Course code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Regulation
	Mathematical Foundations of Computer Science	20CP1T1	EMPLOYABILITY	AR20
	Advanced Data Structures & Algorithms	20CP1T2	EMPLOYABILITY	AR20
	Big Data Analytics	20CP1T3 A	EMPLOYABILITY	AR20
M.Tech (CSE)	Digital Image Processing	20CP1T3 B	EMPLOYABILITY	AR20
	Advanced Operating Systems	20CP13C	EMPLOYABILITY	AR20
	Advanced Computer Networks	20CP1T4A	EMPLOYABILITY	AR20
	Internet of Things	20CP1T4B	EMPLOYABILITY	AR20
	Object Oriented Software Engineering	20CP1T4C	EMPLOYABILITY	AR20
	Research Methodology and IPR	20CPIC1	EMPLOYABILITY	AR20
	Advanced Data Structures & Algorithms Lab	20CP1L1	SKIL DEVELOPMENT	AR20
	Advanced Computing Lab	20CP1L2	SKIL DEVELOPMENT	AR20
	Audit Course-1	20CP1A1	SKIL DEVELOPMENT	AR20
	Machine learning	20CP2T1	EMPLOYABILITY	AR.20
	MEAN Stack Technologies	20CP2T2	EMPLOYABILITY	AR20
	Advanced Databases and Mining	20CP2T3A	EMPLOYABILITY	AR20
	Ad Hoc & Sensor Networks	20CP2T3B	EMPLOYABILITY	AR20
M.T.ak	Soft Computing	20CP2T3C	EMPLOYABILITY	AR20
M.Tech (CSE)	Cloud Computing	20CP2T4A	EMPLOYABILITY	AR20
	Principles of computer security	20CP2T4B	EMPLOYABILITY	AR20
	High Performance Computing	20CP2T4C	EMPLOYABILITY	AR20
	Machine Learning with python lab	20CP2L1	SKIL DEVELOPMENT	AR20

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DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

List of Employability/ Entrepreneurship/ Skill development courses offered in

Program Name	Name of the course	Course code	Activities/Content with a direct bearing on Employability/Entrepreneurship/ Skill development	Regulation
	Computer Organization	19MCA2301	EMPLOY ABILITY	AR20
	Database Management Systems	19MCA2302	EMPLOYABILITY	AR20
MCA	Object Oriented Programming through Java	19MCA2303	EMPLOYABILITY	AR20
	Operating Systems	19MCA2304	EMPLOYABILITY	AR20
	Web Design and Development	19MCA2305	EMPLOYABILITY	AR20
	Database Management Systems Lab	19MCA2351	SKIL DEVELOPMENT	AR20
	Object Oriented Programming through Java Lab	19MCA2352	SKIL DEVELOPMENT	AR20
	Web Design and Development Lab	19MCA2353	SKIL DEVELOPMENT	AR20
	Personality Development Course (Logical Reasoning and English for Professionals)	19MCA5354	SKII DEVELOPMENT	AR20
	Statistics with R	19MCA2401	EMPLOYABILITY	AR20
	Computer Networks	19MCA2402	EMPLOYABILITY	AR20
	Design and Analysis of Algorithms	19MCA2403	EMPLOYABILITY	AR20
мса	Mobile Application Development	19MCA2404	EMPLOY ABILITY	AR20
	Industrial Management	19MCA2405	EMPLOYABILITY	AR20
	Statistics with R Lab	19MCA2451	EMPLOYABILITY	AR20

A.Y: 2020-21

	Computer Networks Lab	19MCA2452	SKIL DEVELOPMENT	AR20
	Mobile Application Development Lab	19MCA2453	SKIL DEVELOPMENT	AR20
	Seminar	19MCA4454	SKIL DEVELOPMENT	AR.20
	Personality Development Course (Aptitude and Campus Recruitment	19MCA5455	SKIL DEVELOPMENT	AR20
ICA	Training) THEORY OF COMPUTATIONS	18MC3T1	EMPLOYABILITY	ARIX
	COMPUTER NETWORKS	18MC3T2	EMPLOYABILITY	ARIS
	SOFTWARE ENGINEERIN	18MC3T3	EMPLOYABILITY	AR18
	ADVANCED JAVA & WEB TECHNOLOGIES	18MC3T4	EMPLOYABILITY	AR18
	DESIGN AND ANALYSIS OF ALGORITHMS	18MC3T5	EMPLOYABILITY	AR18
	ADVANCED JAVA & WEB TECHNOLOGIES LAB	18MC3L1	SKIL DEVELOPMENT	AR18
	SHELL SCRIPTING LAB	18MC3L2	SKIL DEVELOPMENT	AR18
	COMPUTER NETWORKS	18MC3L3	SKIL DEVELOPMENT	AR18
	OBJECT ORIENTED ANALYSIS AND DESIGN	18MC4T1	EMPLOYABILITY	AR18
	COMPILER DESIGN	18MC4T2	EMPLOYABILITY	AR18
	DATA WAREHOUSING AND MINING	18MC4T3	EMPLOYABILITY	AR18
	ELECTIVE-1- MOBILE COMPUTING	18MC4T4A	EMPLOYABIUTY	AR18
	HUMAN COMPUTER	18MC4T4B	EMPLOYABILITY	AR18
мса	CLOUD COMPUTING	18MC4T4C	EMPLOYABILITY	AR18
МСА	ELECTIVE-2- SOFTWARE PROJECT MANAGEMENT	18MC4T5A	EMPLOYABILITY	AR18
	ARTIFICIAL INTELLIGENCE	18MC4T5B	EMPLOYABILITY	AR18
	EMBEDDED SYSTEMS	18MC4T5C	EMPLOYABILITY	AR18
	CLOUD COMPUTING LAB	18MC4L1	SKIL DEVELOPMENT	AR18
	DATA WAREHOUSING AND MINING LAB	18MC4L2	SKIL DEVELOPMENT	AR18

	OBJECT ORIENTED ANALYSIS AND DESIGN LAB	18MC4L3	SKIL DEVELOPMENT	AR18
	BIG DATA ANALYTICS	18MC5T1	EMPLOYABILITY	AR18
	CYBER SECURITY	18MC5T2	EMPLOYABILITY	AR18
	PYTHON PROGRAMMING	18MC5T3	EMPLOYABILITY	ARIB
	ELECTIVE-3- SOFTWARE TESTING METHODOLOGIES	18MC5T4A	EMPLOYABIUTY	AR18
	COMPUTER FORENSICS	18MC5T4B	EMPLOYABILITY	AR18
	E-COMMERCE	18MC5T4C	EMPLOYABILITY	AR18
мса	ELECTIVE-4- INTERNET OF THINGS	18MC5T5A	EMPLOYABILITY	AR18
	MULTIMEDIA APPLICATION DEVELOPMENT	18MC5T5B	EMPLOYABILITY	AR18
	NETWORK PROGRAMMING	18MC5T5C	EMPLOYABILITY	AR18
	BIG DATA ANALYTICS LAB	18MC5L1	SKIL DEVELOPMENT	AR18
	SOFTWARE TESTING	18MC5L2	SKIL DEVELOPMENT	AR18
	PYTHON PROGRAMMING LAB	18MC5L3	SKIL DEVELOPMENT	AR18
ICA	SEMINAR ON PROJECT	18MC6S1	SKIL DEVELOPMENT	AR18
	DISSERTATION/ THESIS	18MC6P1	SKIL DEVELOPMENT	AR18

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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Program Name	Name of the Course Code Employability/ Entrepreneurship/ development	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Regulations
	Electrical Machine Modeling & Analysis	20PE1T1	Employability	AR20
	Analysis of Power Electronic Converters	20PE1T2	Employability	AR20
	Modern Control Theory	20PE1T3A	Employability	AR20
	Power Quality and Custom Power Devices	20PE1T3B	Employability	AR20
	Programmable Logic Controllers & Applications	20PE1T3C	Employability	AR20
	Artificial Intelligence Techniques	20PE1T4A	Employability	AR20
	Renewable Energy Technologies	20PE1T4B	Employability	AR20
	HVDC Transmission and Flexible AC Transmission Systems	20PE1T4C	Employability	AR20
	Research Methodology and IPR	20PE1T5	Employability	AR20
	Power Electronics Simulation Laboratory	20PE1L1	Skill development	AR20
	Power Converters Laboratory	20PE1L2	Skill development	AR20
	Switched Mode Power Conversion	20PE2T1	Employability	AR20
	Power Electronic Control of Electrical Drives	20PE212	Employability	AR20
	Control & Integration of Renewable Energy Systems	20PE2T3A	Employability	AR20
M.TECH ECE.	Hybrid Electric Vehicles	20PE2T3B	Employability	AR20
	Digital Control Systems	20PE2T3C	Employability	AR20
	Advanced Digital Signal Processing	20PE2T4A	Employability	AR20
	Applications of Power Converters	20PE2T4B	Employability	AR20
	Microcontrollers	20PE2T4C	Employability	AR20
	Electric Drives Simulation Laboratory	20PE2L1	Employability	AR20
	Electric Drives Laboratory	20PE2L2	Skill development	AR20
	Mini Project with Seminar		Skill development	AR20
	Digital Signal Processing Controlled Drives	20PE3TIA	Employability	AR20
	Smart Grid Technologies	2011 110	Employability	AR20
	Modelling & Simulation of Power Electronic Systems	20PE3TIC	Employability	AR20
	Industrial Safety	20PE372A	Employability	AR20
	Energy Audit, Conservation & Management	20PE312B	Employability	AR20
	Composite Materials	20PE3T2C	Employability	AR20
	Dissertation Phase - I		Skill development	AR20
	Dissertation Phase - II		Skill development	48.00

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DEPARTMENT OF CIVIL ENGINEERING

List of Employability/ Entrepreneurship/ Skill development courses offered in

A.Y: 2020-21

Program Name	Name of the course	Course code	Activities/Content with a direct bearing on Employability/ Entrepr Skill development	Regulat
	ENGINEERING PHYSICS	20BS1T1	Skill development	AR20
B.Tech	ORDINARY DIFFERENTIAL EQUATIONS AND CALCULUS	20BS1T2	Skill development	AR20
(CE)	ELECTRICAL CIRCUIT ANALYSIS	20ES1T3	Skill development	AR20
	C PROGRAMMING	20ES1T4	Skill development	AR20
	ENGINEERING GRAPHICS AND DESIGN	20ES1T5	Skill development	AR20
	ENGINEERING/APPLIED PHYSICS LAB	20BS1L1	Skill development	AR20
	C PROGRAMMING LAB	20ES1L2	Skill development	AR20
	ENGINEERING WORKSHOP & ITWS LAB	20ES1L3	Skill development	AR20
	COMMUNICATIVE ENGLISH-I	20HS2T1	Employability	AR20
B.Tech	LINEAR ALGEBRA & TRANSFORMATIONS	20BS2T2	Employability	AR20
(CE)	ENGINEERING CHEMISTRY	20BS2T3	Employability	AR20
	PYTHON PROGRAMMING	20ES2T4	Employability	AR20
	ENGINEERING MECHANICS	20ES2T5	Employability	AR20
	COMMUNICATIVE ENGLISH LAB	20HS2L1	Skill development	AR20
	ENGINEERING CHEMISTRY LAB	20BS2L2	Skill development	AR20
	PYTHON LAB	20ES 2L3	Skill development	AR20
	Environmental Studies	20MC2 T6	Skill development	AR20
	Probability & Stat	18CE3T1	Skill development	AR18
	Basic Electrical and	18CE3T2	Skill development	AR18

	Electronics En		and the second second second second	
	Strength of Materials -I	18CE3T3	Skill development	AR18
B.Tech	Building Materials and	18CE3T4	Skill development	AR18
(CE)	Construct			
	Surveying	18CE3T5	Skill development	AR18
	Fluid Mechanics	18CE3T6	Skill development	AR18
	Surveying Field work -I	18CE3L1	Skill development	AR18
	Strength of Materials Lab	18CE3L2	Skill development	AR18
	Managerial Economics and Real Estate	18CE3T7	Employability	AR18
	Building Planning and D	18CE4T1	Skill development	AR18
	Strength of Materials-II	18CE4T2-	- Skill development	AR18
B.Tech	Hydraulics and Hydraulic Machine	18CE4T3	Skill development	AR18
(CE)	Concrete Technology	18CE4T4	Skill development	AR18
	Structural Analysis - I	18CE4T5	Skill development	AR18
	Transportation Engineering - I	18CE4T6	Skill development	AR18
	FM & HHM Laboratory	18CE4L1	Skill development	AR18
	Surveying Field work - II	18CE4L2	Skill development	AR18
	Professional Ethics and Human Values	18CE4T7	Employability	AR18
	Management Science & Financial Analysis	18CE5T1	Skill development	AR18
	Engineering Geology	18CE5T2	Skill development	AR18
B.Tech	Structural Analysis - II	18CE5T3	Skill development	AR18
(CE)	Design and Drawing of Reinforced Concrete Structures	18CE5T4	Skill development	AR18
	Transportation Engineering - II	18CE5T5	Skill development	AR18
	Concrete Technology Lab	18CE5L1	Skill development	AR18
	Engineering Geology Laboratory	18CE5L2	Skill development	AR18
	Transportation Engineering Laboratory	18CE5L3	Skill development	AR18
	Personality Development	18CE5T6	Employability	AR18
	Design and Drawing of Steel	18CE6T1	Skill development	AR18
B.Tech	Geotechnical Engineering -I	18CE6T2	Skill development	AR18
(CE)	Environmental Engineering -I	18CE6T3	Skill development	AR18
	Water Resources Engineering	18CE6T4	Skill development	AR18
	Open Elective	18CE6T5	Skill development	AR18
	Geo-technical Engineering Lab	18CE6L1	Skill development	AR18
	Environmental Engineering Lab	18CE6L2	Skill development	AR18
	Computer Aided Engineering Lab	18CE6L3	Employability	AR18
	Internship & Summe	18CE6I1	Employability	AR18
	Environmental Engineering -II Water Resource	R16410T	Skill development	R16
B.Tech	Water Resource Engineering -II	R16410T 2	Skill development	R16
(CE)	Geotechnical Engineering -	R16410T	Skill development	R16

1	Remote Sensing and GIS	18CE7T4	Employability	AR18
	Applications Elective – I	18CE7T5	Employability	AR18
	Elective – II	18CE7T6	Employability	AR18
	CAD and GIS Lab	18CE7L1	Employability	AR18
	Irrigation Design and Drawing	18CE7L2	Skill development	AR18
	IPR & Patent	18CE7T7	Skill development	AR18
	Estimation Specification and Contracts	18CE8T1	Skill development	AR18
B.Tech (CE)	Construction Technology and Management	18CE8T2	Skill development	AR18
and - come - see	Pre-Stressed Concrete	18CE8T3	Skill development	ARIS
	Elective - III	18CE8T4	Skill development	AR18
and the state	Project Work	18CE8P1	Skill development	AR18

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DEPARTMENT OF ELECTRICAL AND ELECTRNICS ENGINEERING

List of Employability/ Entrepreneurship/ Skill development courses offered AY 2020-21

		YEAR I SEM	the set of the second	A Carry Grand
Progra m Name	Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Regulation
	Engineering Physics	20BS1T1	Employability	AR20
	Ordinary Differential	20BS1T2	Employability	AR20
	Equations & Calculus			
	Electrical Circuit Analysis	20ES1T3	Employability	AR20
	C Programming	20ES1T4	Employability	AR20
	Engineering Graphics And Design	20ES1T5	Employability	AR20
	Engineering /Applied Physics Lab	20BS1L1	Skill development	AR20
	C Programming Lab	20ES1L2	Skill development	AR20
	Engineering Workshop & ITWS Lab	20ES1L3	Skill development	AR20
	Communicative English-I	20HS2T1	Employability	AR20
	Linear Algebra & Transformation	20BS2T2	Employability	AR20
	Engineering Chemistry	20BS2T3	Employability	AR20
•	Python programming	20ES2T4	Employability	AR20
	Engineering Mechanics	20ES2T5	Employability	AR20
	Communicative English Lab	20HS2L1	Skill development	AR20
B.TECH EEE	Engineering Chemistry Lab	20BS2L2	Skill development	AR20
5. ILCII LEE	Python Lab	20ES2L3	Skill development	AR20
	Environmental Studies	20MC2T6	Employability	AR20
	Electrical Circuit Analysis - II	18EE3T1	Employability	AR18
	Electrical Machines-I	18EE3T2	Employability	AR18
	Electronic Devices & Circuits	18EE3T3	Employability	AR18
	Electro Magnetic Fields	18EE3T4	Employability	AR18
	Thermal and Hydro Prime Movers	18EE3T5A	Employability	AR18
	Cloud Computing-I	18EE3T5B	Employability	AR18
	Cyber security-l	18EE3T5C	Employability	AR18
	Data Analytics-I	18EE3T5D	Employability	AR18
	Web & Mobile App development-I	18EE3T5E	Employability	AR18
	CAD/CAM	18EE3T5F	Employability .	AR18
	Power Systems-I	18EE3T6	Skill development	AR18
Contraction in the	Thermal and Hydro	18EE3L1	Skill development	AR18

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	Laboratory	Sector Sector Sector		
	Electrical Circuits	18EE3L2	Skill development	ARI
	Laboratory		R. Laurahillitar	4.77.1
A CONTRACTOR OF STREET	Electrical Measurements	18EE4T1	Employability	ARI
	Electrical Machines-II	18EE4T2	Employability	AR1
And I all	Switching Theory and Logic Design	18EE4T3	Employability	ARI
	Control Systems	18EE4T4	Employability	AR1
	Managerial Economics & Financial Analysis	18EE4T5A	Employability	ARI
	Cloud Computing-II	18EE4T5B	Employability	ARI
	Cyber security-II	18EE4T5C	Employability	ARI
and the second	Data Analytics-II	18EE4T5D	Employability	ARI
	Web & Mobile App	18EE4T5E	Employability	AR1
Text States	development-II	18EE4T6	Employability	ARI
	Power Systems -II	the second s	Skill development	ARI
	Electrical Machines -I Laboratory	18EE4L1		ARI
	Electronic Devices & Circuits Lab	18EE4L2	Skill development	
	Power Electronics	18EE5T1	Employability	ARI
	Power System Analysis	18EE5T2	Employability	ARI
	Signals and Systems	18EE5T3	Employability	ARI
	Pulse & Digital Circuits	18EE5T4	Employability	ARI
o magu pape	Management Science	18EE5T5A	Employability	ARI
B.TECH EEE	Cloud Computing-III	18EE5T5B	Employability	ARI
	Cyber security-III	18EE5T5C	Employability	ARIS
	Data Analytics-III	18EE5T5D	Employability	AR18
	Web & Mobile App development-III	18EE5T5E	Employability	AR18
	IPR & Patents	18EE5T6	Employability	AR18
	Electrical Machines-II	18EE5L1	Skill development	ARI
	Laboratory Control Systems &	18EE5L2	Skill development	ARI
	Simulation Lab Electrical Measurements	18EE5L3	Skill development	ARI
	Laboratory Power Electronic	18EE6T1	Employability	ARI
	Controllers & Drives Micro Processors and Micro controllers	18EE6T2	Employability	ARI
	Switchgear and	18EE6T3	Employability	ARI
	Protection Linear IC Applications	18EC6T4	Employability	ARI
	Cloud Computing-IV	18EE6T5A	Employability	ARI
	Cyber security- IV	18EE6T5B	Employability	ARI
1 States	Data Analytics- IV	18EE6T5C	Employability	ARI
	Web & Mobile App	18EE6T5D	Employability	ARI
	development- IV Data Structures	18EE6T6	Employability	ARI
	Data Structures	18EE6L1	Skill development	ARI
	Laboratory Professional Ethics &	18EE6T7	Employability	ARI
No prime in the second	Human Values	18EE6L2	Skill development	ARI
	Power Electronics & Simulation Lab	R1641021		R16
The Cardina and the Control of the C	Utilization of Electrical	K1041021	Employability	R10

	Linear IC Applications	R1641022	Employability	R16
	Power System Operation & Control	R1641023	Employability	R16
	Switchgear and Protection	R1641024	Employability	R16
	Electrical Machine Modeling and Analysis	R164102A	Employability	RJ6
	Advanced Control Systems	R164102B	Employability	R16
	Programmable Logic Controllers& Applications	R164102C	Employability	R16
	Instrumentation	R164102D	Employability	R16
	Optimization Techniques	R164102E	Employability	Rie
	Electric Power Quality	R164102F	Employability	R16
B.TECH EEE	Special Electrical Machines	R164102G	Employability	R16
B.IECH EEE	Electrical Simulation Laboratory	R1641027	Skill development	R16
	Power Systems & Simulation Lab	R1641028	Skill development	R16
	Digital Control Systems	R1642021	Employability	R16
	Hvdc Transmission	R1642022	Employability	R16
	Electrical Distribution Systems	R1642023	Employability	R16
	High Voltage Engineering	R164202A	Employability	R16
	Flexible Alternating Current Transmission Systems	R164202B	Employability	R16
	Power System Reforms	R164202C	Employability	R16
	Seminar	R1642025	Skill development	R16
and the second	Project	R1642026	Skill development	R16

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DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING

List of Employability/ Entrepreneurship/ Skill development courses offered in

Program Name	Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Reg ulat ions
B.Tech	Engineering Physics	20BS1T1	Employability	AR 20
(ECE)	Ordinary Differential Equations . And Calculus	20BS1T2 ;	Employability	AR 20
	Electrical Circuit Analysis	20ES1T3	Employability	AR 20
	C Programming	20ES1T4	Employability	AR 20
	Engineering Graphics And Design	20ES1T5	Employability	AR 20
	Engineering/Applied Physics Lab	20BS1L1	Employability	AR 20
	C Programming Lab	20ES1L2	Employability	AR 20
	Engineering Workshop & ITWS Lab	20ES1L3	Skill development	AR 20
	Environmental Studies	20MC1T6	Entrepreneurship	AR 20
	Communicative English-I	20HS2T1	Skill development	AR 20
	Linear Algebra And Transformations	20BS2T2	Employability ,	AR 20
	Engineering Chemistry	20BS2T3	Skill development	AR 20
	Python Programming	20ES2T4	Employability	AR 20
	Engineering Mechanics	20ES2T5	Employability	AR 20
	Communicative English Lab	20HS2L1	Employability	AR 20
	Engineering Chemistry Lab	20BS2L2	Employability	AR 20
	Python Lab	20ES2L3	Employability	AR 20
	Signals & Systems	18EC3T1	Employability	AR 18
	Electronic Devices and Circuits	18EC3T2	Employability	AR 18
	Probability Theory and Random Process	18EC3T3	Employability	AR 18
	Switching Theory and Logic Design	18EC3T4	Employability	AR 18
	Managerial Econamics & Financial Analysis	18EC3T5A	Employability	AR 18
	Network Theory	18EC3T6	Employability .	AR 18
	Electronics and Devices Circuits Lab	18EC3L1	Employability	AR 18
	Network Theory Lab	18EC3L2 👘	Employability	AR 18
	Electromagnetic Theory and Transmission Lines	18EC4T1	Employability	AR 18

Electronic Circuit Analysis	18EC4T2	Employability	AR IS
Analog & Digital	1880412		AR 1
Communication	18EC4T3	Employability	AK I
Pulse and Digital Circuits	18EC4T4	Employability '	AR 1
Management Science	18EC4T5A	Employability	AR 1
Pulse and Digital Circuits Lab	18EC4L1	Employability	AR 1
Analog Communication Lab	18EC4L2	Employability	AR 1
Electronic Circuits Analysis Lab	18EC4L3	Employability	AR 1
Personality development	18EC4T6	Employability	AR 1
Analog IC Applications	18EC5T1	Skill development	AR 1
Control Systems	18EC5T2	Employability	AR 1
Antenna and wave propagation	18EC5T3	Employability	AR 1
Digital Signal Processing	18EC5T4	Employability	AR 1
Biomedical Engineering	18EC5T5	Employability	AR 1
Digital Communication Lab	18EC5L1	Employability	AR 18
Analog IC Applications Lab	18EC5L2	Employability	AR 18
Digital Signal Processing Lab	18EC5L3	Employability	AR 18
Professional Ethics and Human Values	18EC5T6	Skill development	AR 18
Microwave Engineering	18EC6T1	Skill development	AR 18
Microprocessors and Microcontrollers	18EC6T2	Skill development	AR 18
Digital IC Applications	18EC6T3	Employability	AR 18
Application Oriented Internet of Things	18EC6T4	Employability	AR 18
OOPs Through JAVA	18EC6T5A	Employability	AR 18
IPR & Patents	18EC6T6	Skill development	AR 18
Microprocessors and Microcontrollers Lab	18EC6L1	Skill development	AR 18
Digital IC Application Lab	18EC6L2	Employability	AR 18
Computer Architecture and Organization	R1631041	Employability	R16
Linear I C Applications	R1631042	Employability	R16
Digital I C Applications	R1631043	Employability	R16
Digital Communications	R1631044	Employability	R16
Antenna and Wave Propagation	Designed and the second second	Employability ·	R16
Pulse and Digital Circuits Lab	R1631045	Employability	R16
	R1631049		Contraction of the
Linear I C Applications Lab	R1631041	Employability	R16
Digital I C Applications Lab	R1631042	Employability	R16
Professional Ethics & Human Values	R1631043	Skill development	R16
Micro Processors & Micro Controllers	R1632041	Entrepreneurship	R16
Micro Wave Engineering	R1632042	Employability	R16
VLSI Design	R1632043	Employability	R16
Digital Signal Processing	R1632044	Employability	R16
Bio-Medical Engineering	R163204D	Employability	R16
Radar Systems	R1641041	Employability	R16
Digital Image Processing	R1641042	Employability	R16
Computer Networks	R1641043	Employability	R16
Optical Communications	R1641044	Employability ,	R16
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-	Embedded Systems	R164104D	Employability	R16
(-	Cellular Mobile Communications	R1642041	Employability	R16
and the second s	Electronic Measurements and	R1642042	Employability	R16
	Instrumentation Satellite Communications	R1642043	Employability	R16
	Wireless sensors & Networks	R164204A	Employability	R16
	Seminar	R1642045	Employability	R16
	Project	R1642046	Employability	R16

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www.amritasai.org.in,Phone: 0866-2428399 DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

List of Employability/ Entrepreneurship/ Skill development courses offered in

Program Name	Name of the Course	Course ^{e :} Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Regul ations
	Communicative English-I	20HS1T1	Employability	AR20
	Ordinary Differential Equations & Calculus	20BS1T2	Employability	AR20
	Engineering Chemistry	20BS1T3	Employability	AR20
	IT workshop	20CS1T4	Employability	AR20
	Python-I	20CS1T5	Employability	AR20
	Communicative English Lab	20HS1L1	Skill development	AR20
	Engineering Chemistry Lab	20BS1L2	Skill development	AR20
	Python lab-I	20CS1L3	Skill development	AR20
	Environmental Studies	20MC1T6	Employability	AR20
	Applied Physics	20BS2T1	Employability .	AR20
	Linear Algebra & Transformation	20BS2T2	Employability	AR20
	Data Structures using C++	20CS2T3		AR20
	Python-II	20CS2T4		AR20
	Engineering Graphics & Design	20CS2T5	Employability	AR20
	Engineering/ Applied Physics Lab	20BS2L1	Skill development	AR20
	Data Structures and C++ lab	20CS2L2	Skill development	AR20
	Python Lab-II	20CS2L3	Skill development	AR20
TECH CSE	Unix and Shell Programming	18CS3T1	Employability	AR18
	Mathematical Foundation of Computer Science	18CS3T2	Employability	AR18
	Computer Organization	18CS3T3	Employability	AR18
	Java Programming	18CS3T4	Employability	AR18
	Digital Logic Design	18CS3T5A	Employability	AR18
	Data Analytics-1	18CS3T5B	Employability	AR18
100 100 100 100 100 100 100 100 100 100	Cloud Computing-1	18CS3T5C	Employability	AR18
	Web and Mobile Development-1	18CS3T5D	Employability .	AR18
	Cyber Security-1	18CS3T5E	Employability	AR18
	Data structures through c++	18CS3T6	Employability	AR18
	Data Structures through C++ 🖕 Lab	18CS3L1	Skill development	AR18
	Java Programming Lab	18CS3L2		AR18
	Unix and Shell Programming Lab	18CS3L3		AR18
	Python Programming	18CS4T1	Employability	AR18
	Advanced Data Structures	18CS4T2	Employability	AR18
	Database Management Systems	18CS4T3	Employability	AR18

	and present of the second	Formal Languages and	18CS4T4	Employability	AR18 ·
		Automata Theory	18CS4T5A	Employability	1010
- 8		Computer Graphics	18CS4T5R	Employability	AR18
		Data Analytics-2	18CS4T5C	Employability	AR18
	Constanting to	Cloud Computing-2 Web and Mobile Development-	18CS3T5D	Employability	AR18
24		2	10033130	Employability	AR18
		Cyber Security-2	18CS4T5E	Employability	AR18
		Operating Systems	18CS4T6	Employability	AR18
		Advanced Data Structures Lab	18CS4L1	Skill development	AR18
		Python Programming Lab	18CS4L2	Skill development	AR18
	The second second	Web Technologies	18CS5T1	Employability	AR18
32		Statistics with R Programming	18CS5T2	Employability	AR18
		Software Engineering	18CS5T3	Employability	AR18
3		Computer Networks	18CS5T4	Employability	AR18
		Compiler Design	18CS5T5A	Employability	AR18
		Data Analytics-3	18CS5T5R	Employability	AR18
		Cloud Computing-3		Employability	AR18
			18CS5T5C	Employability	AR18
12		Web and Mobile Development-3	18CS5T5D		AR18
		Cyber Security-3	18CS5T5E	Employability	and the second se
		Statistics with R Programming Lab	18CS5L1	Employability	AR18
		Computer Networks Lab	18CS5L2	Skill development	AR18
	Status and	Web Technologies Lab	18CS5L3	Skill development	AR18
	B.TECH CSE	Professional Ethics & Intellectual Property Rights	18CS5T6	Employability	AR18
		Principles of Programming Languages	18CS6T1	Employability	AR18
		Design and Analysis of Algorithms	18CS6T2	Employability	AR18
100	(Data Warehousing and Data Mining	180S6T3	Employability	AR18
		Object Oriented Analysis and Design using UML	18CS6T4	Employability	, AR18
		TCP/IP Protocols	18CS6T5A	Employability	AR18
		Data Analytics-4	18CS6T5B	Employability	AR18
		Cloud Computing-4	18CS6T5C	Employability	AR18
		Web and Mobile Development-4	and the second se	Employability	AR18
and a		web and woblie bevelopment-4	and the second second		
		Cyber Security-4	18CS6T5E	Employability	AR18
10		Object Oriented Analysis and Design using UML Lab	18CS6L1	Skill development	AR18
		Data Mining Lab	18CS6L2	Skill development	AR18
		Internship & Mini Project	18CS6I1	Skill development	AR18
and a		Cryptography and Network	R1641051	Employability	R16
	The second	Security Software Architecture & Design	R1641052	Employability	R16
		Patterns Web Technologies	R1641053	Employability	R.16
		Managerial Economics and	R1641054	Employability	R16
		Managerial Economics and Financial Analysis			and the second
		i. Big Data Analytics	R164105A	Employability	R16

	ii. Information Retrieval Systems iii. Mobile Computing		1	
	Cloud Computing	R164105D	Employability	R16
	Software Architecture & Design Patterns Lab	R1641057	Skill development	R16
	Web Technologies Lab	R1641058	Skill development	R16
	Distributed Systems	R1642051	Employability	R16
B.TECH CSE	Management Science	R1642052	Employability	R16
	Machine Learning	R1642053	Employability	R16
	i. Concurrent and Parallel Programming ii.Artificial Neural Networks iii.Operations Research	R164205A	Employability	R16
	Seminar	R1642055	Skill development	R16
	Project	R1642056	Skill development	R16



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DEPARTMENT OF MECHANICAL ENGINEERING

List of Employability/ Entrepreneurship/ Skill development courses offered in

Program Name	Name of the Course	Cours e Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Regu latio ns
	ENGINEERING PHYSICS	20BS1T1	Employability	AR20
	ORDINARY DIFFERENTIAL EQUATIONS AND CALCULUS	20BS1T2	Employability	AR20
	ELECTRICAL CIRCUIT ANALYSIS	20ES1T3	Employability	AR20
	C PROGRAMMING	20ES1T4	Employability	AR20
	ENGINEERING GRAPHICS AND DESIGN	20ES1T5	Employability	AR20
	ENGINEERING/APPLIED PHYSICS LAB	20BS1L1	Skill development	AR20
	C PROGRAMMING LAB	20ES1L2	Skill development	AR20
	ENGINEERING WORKSHOP & ITWS LAB	20ES1L3	Skill development	AR20
	ENVIRONMENTAL STUDIES	୬ 20MC1T6:	Employability	AR20
	COMMUNICATIVE ENGLISH-I	20HS2T1	Employability	AR20
	LINEAR ALGEBRA & TRANSFORMATIONS	20BS2T2	Employability	AR20
B.TECH MEC	HENGINEERING CHEMISTRY	20BS2T3	Employability	AR20
	PYTHON PROGRAMMING	20ES2T4	Employability	AR20
	ENGINEERING MECHANICS	20ES2T5	Employability	AR20
	COMMUNICATIVE ENGLISH LAB	20HS2L1	Skill development	AR20
	ENGINEERING CHEMISTRY LAB	20BS2L2	Skill development	AR20
	PYTHON LAB	20ES2L3	Skill development	AR20
	Metallurgy & Materials Science	. 18ME3Ţ1	Employability	AR18
	Engineering Drawing-II	18ME3T2	Employability	AR18

	Thermodynamics	18ME3T3	Employability	AR18
	Mechanics of Solids	18ME3T4	Employability	AR18
	Engineering Economics	18ME3T5A	Employability	AR18
	Data Analysis-I	18CS3T5B	Employability	AR18
	Cloud Computing-I	18CS3T5C	Employability	AR18
	Web and Mobile Development –I	18CS3T5D	Employability	AR18
	Cyber Security-I	18CS3T5E	Employability	AR18
	Industrial applications of CAD-1	18CE3T5F	Employability	AR18
	Electrical & Electronics Engineering Lab	18ME3L1	Skill development	AR18
.TECH	MECH Mechanics of Solids & Metallurgy Lab	18ME3L2	Skill development	AR18
	Auto CAD-LAB	18ME3L3	Skill development	AR18
	Fluid Mechanics & Hydraulic Machines	18ME4T1	Employability	AR18
	Theory of Machines-I	18ME4T2	Employability	AR18
	Manufacturing Processes	18ME4T3	Employability	AR18
	Applied Thermodynamics	18ME4T4	Employability	AR18
	Machine Drawing	18ME4T5A	Employability	AR18
	Data Analytics-II	18CS4T5B	Employability	AR18
	Cloud Computing-II	18CS4T5C	Employability	AR18
	Web and Mobile Development –I	18CS4T5D	Employability	AR18
	Cyber Security-II	18CS4T5E	Employability	AR18
·	Industrial applications of CAD-II	18CE4T5F	Employability	AR18
	Design of Machine Members -I	18ME4T6	Employability	AR18
	Manufacturing Processes Lab	18ME4L1	Skill development	AR18
	Fluid Mechanics & Hydraulic Machinery Lab	18ME4L2	Skill development	AR18
	I.C Engines & Gas Turbines	18ME5T1	Employability	AR18
	Theory of Machines-II	18ME5T2	Employability	AR18
	Manufacturing Technology	18ME5T3	Employability	AR18
	Design of Machine Members-II	18ME5T4	Employability	.AR18
	Industrial Engineering and Management	18ME5T5A	Employability	AR18
	Data Analytics-III	18CSST5B	Employability	AR18

	Cloud Committee III	18CS5T5C	Employability	AR18
	Cloud Computing-III			
	Web and Mobile Development –III	18CS5T5D	Employability	AR18
	Cyber Security-III	18CS5T5E	Employability	AR18
	Industrial applications of CAD-III	18CE5T5F	Employability	AR18
	IPR&P	Mandatory course	Skill development	AR18
	Theory of Machines Lab	18ME5L1	Skill development	AR18
	Manufacturing Technology Lab	18ME5L2	Skill development	AR18
	Thermal Engineering Lab	18ME5L3	Skill development	AR18
	Personality Development	18ME5L4	Skill development	AR18
	Instrumentation & Control Systems	18ME6T1	Employability	AR18
B.TECH I	MECHMetrology	18ME6T2	Employability	AR18
	Operations Research	18ME6T3	Employability	AR18
	Refrigeration & Air-conditioning	18ME6T4	Employability	AR18
	Green Engineering Systems	18ME6T5A	Employability	AR18
	Data Analytics-IV	18CS6T5B	Employability	AR18
	Cloud Computing-IV	18CS6T5C	Employability	AR18
	Web and Mobile Development –IV	18CS6T5D	Employability	AR18
	Cyber Security-IV	18CS6T5E	Employability	AR18
	Industrial applications of CAD-IV	18CE6T5F	Employability	AR18
	Heat Transfer	18ME6T6	Employability	AR18
	Constitution of India	Mandatory course	Skill development	AR18
	Heat Transfer Lab	18ME6L1	Skill development	AR18
	Metrology & Instrumentation Lab	18ME6L2	Skill development	AR18
	Industrial Internship	18ME6L3	Skill development	AR18
	Finite Element Methods	18ME7T1	Employability	R16
	Micro Electro Mechanical Systems	18ME7T2	Employability	AR18
	CAD/CAM	18ME7T3	Employability	AR18
1	Power Plant Engineering	18ME7T4	Employability	AR18
	Production Planning and control	18ME7T5	Employability	AR18
	Computational Fluid Dynamics	18ME7T6A	Employability	AR18

Condition Monitoring	18ME7T6B	Employability	AR18
Additive Manufacturing	18ME7T6C	Employability	AR18
Project-1	18ME7P1	Employability	AR18
Simulation Lab	18ME7L1	Skill development	AR18
Unconventional Machining Processes	18ME8T1	Employability	AR18
Automobile Engineering	18ME8T2	Employability	AR18
Advanced Materials	18ME8T3A	Employability	AR18
Design for Manufacture	18ME8T3B	Employability	AR18
Gas Dynamics & Jet Propulsion	18ME8T3C	Employability	AR18
Thermal Equipment Design	18ME8T4A	Employability	AR18
Non Destructive Evaluation	18ME8T4B	Employability	AR18
Quality and Reliability Engineering	18ME8T4C	Employability	AR18
Project-2	18ME8P2	Skill development	AR18



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DEPARTMENT OF CIVIL ENGINEERING

List of Employability/ Entrepreneurship/ Skill development courses offered in

Regulation Program Activities/Content with a direct Name of the course Course code Name bearing on Employability/ Entrepreneurship/ Skill development EMPLOYABILITY Theory of Flasticity 20SEITI AR20 AR20 Structural Dynamics Matrix Analysis of Structures 20SE1T2 EMPLOYABILITY AR20 20SEIT3A EMPLOYABILITY Analytical & Numerical Methods for Structural Engineering EMPLOYABILITY AR20 20SELT3B AR20 Design of RCC Found. EMPLOYABILITY 20SE1T3C Bridge Engineering AR20 20SELT4A SKIL DEVELOPMENT AR20 M.Tech Repair and Rehabilitation of 20SEIT4B SKIL DEVELOPMENT (SE) AR20 Advanced Reinforced Concrete EMPLOYABILITY 20SELT4C Design AR20 Advanced Concrete Technology 20SE1T5 EMPLOYABILITY Advanced Concrete Technology AR20 EMPLOYABILITY 20SEIL1 Laboratory AR20 Advanced Structural Engineering EMPLOYABILITY 20SE11.2 Laboratory Audia Course AR20 20SE1A1 SKIL DEVELOPMENT Finite Element Methods in SKIL DEVELOPMENT **AR20** 20SE2T1 Structural Engineerin EMPLOYABILITY **AR20** Theory of Plates and Shells 20SE2T2 AR20 OSE2T3A EMPLOYABILITY Advanced Steel Design Analysis of Offshore Structure EMPLOYABILITY AR20 08/E213B 20SE2T3C EMPLOYABILITY AR20 Earthquake Resistant Design of AR20 20SE2T4A EMPLOYABILITY M.Tech Buildings (SE) AR20 Precast and Prefabricated Structures 20SE2T4B EMPLOYABILITY 20SE2T4C AR20 Earth Retaining Structures EMPLOYABILITY Computer Aided Design Laboratory AR20 EMPLOYABILITY Structural Design laboratory AR20 SKIL DEVELOPMENT Man Project With Seminar 20SF2MP1 AR20 SKIL DEVELOPMENT 20SE2A2 Audit Course -2 AR20 SKIL DEVELOPMENT 18SE3S1 SKIL DEVELOPMENT ARIS Seminar Thesis-Part-I 18SE3J1 SKIL DEVELOPMENT M.Tech ARIS 18SE3R1 Research methodologies SKIL DEVELOPMENT AR18 (SE) SKIL DEVELOPMENT 18SE4P1 Project work & Thesis part-II M.Tech AR18 (SE)

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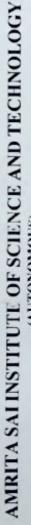
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Professor & Head Department of Civil Engineering Amrita Sailinstitute of Scilluse Technology Fantara, Anglina Dr. 1971 185

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

M.TECH A.Y-2020-21

Program Name	Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Regulations
	Electrical Machine Modeling & Analysis	20PE1T1	Employability	AR20
	Analysis of Power Electronic Converters	20PE1T2	Employability	AR20
	Modern Control Theory	20PE1T3A	Employability	AR20
	Power Quality and Custom Power Devices	20PE1T3B	Employability	AR20
	Programmable Logic Controllers & Applications	20PE1T3C	Employability	AR20
	Artificial Intelligence Techniques	20PE1T4A	Employability	AR20
	Renewable Energy Technologies	20PE1T4B	Employability	AR20
	HVDC Transmission and Flexible AC Transmission Systems	20PE1T4C	Employability	AR20
	Research Methodology and IPR	20PE175	Employability	AR20
	Power Electronics Simulation Laboratory	20PL 11.1	Skill development	AR20
	Power Converters Laboratory	20PE1L2	Skill development	AR20
	Switched Mode Power Conversion	20PE2T1	Employability	AR20
	Power Electronic Control of Electrical Drives	20PE2T2	Employability	AR20
	Control & Integration of Renewable Energy Systems	20PE2T3A	Employability	AR20
	Hybrid Electric Vehicles	20PE2T3B	Employability	AR20
	Digital Control Systems	20PE2T3C	Employability	AR20
	Advanced Digital Signal Processing	20PE2T4A	Employability	AR20
	Applications of Power Converters	20PE2T4B	Employability	AR20
	Microcontrollers	20PE2T4C	Employability	AR20
	Electric Drives Simulation Laboratory	20PE2L1	Employability	AR20
	Electric Drives Laboratory	20PE2L2	Skill development	AR20
	Mini Project with Seminar		Skill development	AR20
	Digital Signal Processing Controlled Drives	20PE3T1A	Employability	AR20
	Smart Grid Technologies	20PE3T1B	Employability	AR20
	Modelling & Simulation of Power Electronic Systems	20PE3T1C	Employability	AR20
	Industrial Safety	20PE.312A	Employability	AR20
	Energy Audit, Conservation & Management	20PE3T2B	Employability	AR20
	Composite Materials	20PE3T2C	Employability	AR20
	Dissertation Phase - I		Skill development	AR20
	Dissertation Phase - II		Skill davatorement	

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

List of Employability/ Entrepreneurship/ Skill development courses offered in A.Y: 2020-21

Program Name	Name of the course	Course code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Regulation
	Mathematical Foundations of Computer Science	20CP1T1	EMPLOYABILITY	AR20
	Advanced Data Structures & Algorithms	20CP1T2	EMPLOYABILITY	AR20
	Big Data Analytics	20CP1T3 A	EMPLOYABILITY	AR20
M.Tech (CSE)	Digital Image Processing	20CP1T3 B	EMPLOYABILITY	AR20
	Advanced Operating Systems	20CP13C	EMPLOYABILITY	AR20
	Advanced Computer Networks	20CP1T4A	EMPLOYABILITY	AR20
	Internet of Things	20CP1T4B	EMPLOYABILITY	AR20
	Object Oriented Software Engineering	20CP1T4C	EMPLOYABILITY	AR20
	Research Methodology and IPR	20CPIC1	EMPLOYABILITY	AR20
	Advanced Data Structures & Algorithms Lab	20CP1L1	SKIL DEVELOPMENT	AR20
	Advanced Computing Lab	20CP1L2	SKIL DEVELOPMENT	AR20
	Audit Course-1	20CP1A1	SKIL DEVELOPMENT	AR20
	Machine learning	20CP2T1	EMPLOYABILITY	AR.20
	MEAN Stack Technologies	20CP2T2	EMPLOYABILITY	AR20
	Advanced Databases and Mining	20CP2T3A	EMPLOYABILITY	AR20
	Ad Hoc & Sensor Networks	20CP2T3B	EMPLOYABILITY	AR20
M.T.ak	Soft Computing	20CP2T3C	EMPLOYABILITY	AR20
M.Tech (CSE)	Cloud Computing	20CP2T4A	EMPLOYABILITY	AR20
	Principles of computer security	20CP2T4B	EMPLOYABILITY	AR20
	High Performance Computing	20CP2T4C	EMPLOYABILITY	AR20
	Machine Learning with python lab	20CP2L1	SKIL DEVELOPMENT	AR20

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DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

List of Employability/ Entrepreneurship/ Skill development courses offered in

Program Name	Name of the course	Course code	Activities/Content with a direct bearing on Employability/Entrepreneurship/ Skill development	Regulation
	Computer Organization	19MCA2301	EMPLOY ABILITY	AR20
	Database Management Systems	19MCA2302	EMPLOYABILITY	AR20
MCA	Object Oriented Programming through Java	19MCA2303	EMPLOYABILITY	AR20
	Operating Systems	19MCA2304	EMPLOYABILITY	AR20
	Web Design and Development	19MCA2305	EMPLOYABILITY	AR20
	Database Management Systems Lab	19MCA2351	SKIL DEVELOPMENT	AR20
	Object Oriented Programming through Java Lab	19MCA2352	SKIL DEVELOPMENT	AR20
	Web Design and Development Lab	19MCA2353	SKIL DEVELOPMENT	AR20
	Personality Development Course (Logical Reasoning and English for Professionals)	19MCA5354	SKII DEVELOPMENT	AR20
	Statistics with R	19MCA2401	EMPLOYABILITY	AR20
	Computer Networks	19MCA2402	EMPLOYABILITY	AR20
	Design and Analysis of Algorithms	19MCA2403	EMPLOYABILITY	AR20
мса	Mobile Application Development	19MCA2404	EMPLOY ABILITY	AR20
	Industrial Management	19MCA2405	EMPLOYABILITY	AR20
	Statistics with R Lab	19MCA2451	EMPLOYABILITY	AR20

A.Y: 2020-21

	Computer Networks Lab	19MCA2452	SKIL DEVELOPMENT	AR20
	Mobile Application Development Lab	19MCA2453	SKIL DEVELOPMENT	AR20
	Seminar	19MCA4454	SKIL DEVELOPMENT	AR.20
	Personality Development Course (Aptitude and Campus Recruitment	19MCA5455	SKIL DEVELOPMENT	AR20
ICA	Training) THEORY OF COMPUTATIONS	18MC3T1	EMPLOYABILITY	ARIX
	COMPUTER NETWORKS	18MC3T2	EMPLOYABILITY	ARIS
	SOFTWARE ENGINEERIN	18MC3T3	EMPLOYABILITY	AR18
	ADVANCED JAVA & WEB TECHNOLOGIES	18MC3T4	EMPLOYABILITY	AR18
	DESIGN AND ANALYSIS OF ALGORITHMS	18MC3T5	EMPLOYABILITY	AR18
	ADVANCED JAVA & WEB TECHNOLOGIES LAB	18MC3L1	SKIL DEVELOPMENT	AR18
	SHELL SCRIPTING LAB	18MC3L2	SKIL DEVELOPMENT	AR18
	COMPUTER NETWORKS	18MC3L3	SKIL DEVELOPMENT	AR18
	OBJECT ORIENTED ANALYSIS AND DESIGN	18MC4T1	EMPLOYABILITY	AR18
	COMPILER DESIGN	18MC4T2	EMPLOYABILITY	AR18
	DATA WAREHOUSING AND MINING	18MC4T3	EMPLOYABILITY	AR18
	ELECTIVE-1- MOBILE COMPUTING	18MC4T4A	EMPLOYABIUTY	AR18
	HUMAN COMPUTER	18MC4T4B	EMPLOYABILITY	AR18
мса	CLOUD COMPUTING	18MC4T4C	EMPLOYABILITY	AR18
	ELECTIVE-2- SOFTWARE PROJECT MANAGEMENT	18MC4T5A	EMPLOYABILITY	AR18
	ARTIFICIAL INTELLIGENCE	18MC4T5B	EMPLOYABILITY	AR18
	EMBEDDED SYSTEMS	18MC4T5C	EMPLOYABILITY	AR18
	CLOUD COMPUTING LAB	18MC4L1	SKIL DEVELOPMENT	AR18
	DATA WAREHOUSING AND MINING LAB	18MC4L2	SKIL DEVELOPMENT	AR18

	OBJECT ORIENTED ANALYSIS AND DESIGN LAB	18MC4L3	SKIL DEVELOPMENT	AR18
	BIG DATA ANALYTICS	18MC5T1	EMPLOYABILITY	AR18
	CYBER SECURITY	18MC5T2	EMPLOYABILITY	AR18
	PYTHON PROGRAMMING	18MC5T3	EMPLOYABILITY	ARIB
	ELECTIVE-3- SOFTWARE TESTING METHODOLOGIES	18MC5T4A	EMPLOYABIUTY	AR18
	COMPUTER FORENSICS	18MC5T4B	EMPLOYABILITY	AR18
	E-COMMERCE	18MC5T4C	EMPLOYABILITY	AR18
мса	ELECTIVE-4- INTERNET OF THINGS	18MC5T5A	EMPLOYABILITY	AR18
	MULTIMEDIA APPLICATION DEVELOPMENT	18MC5T5B	EMPLOYABILITY	AR18
	NETWORK PROGRAMMING	18MC5T5C	EMPLOYABILITY	AR18
	BIG DATA ANALYTICS LAB	18MC5L1	SKIL DEVELOPMENT	AR18
	SOFTWARE TESTING	18MC5L2	SKIL DEVELOPMENT	AR18
	PYTHON PROGRAMMING LAB	18MC5L3	SKIL DEVELOPMENT	AR18
ICA	SEMINAR ON PROJECT	18MC6S1	SKIL DEVELOPMENT	AR18
	DISSERTATION/ THESIS	18MC6P1	SKIL DEVELOPMENT	AR18

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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Program Name	Name of the Course Code Employability/ Entrepreneurship/ development	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Regulations
	Electrical Machine Modeling & Analysis	20PE1T1	Employability	AR20
	Analysis of Power Electronic Converters	20PE1T2	Employability	AR20
	Modern Control Theory	20PE1T3A	Employability	AR20
	Power Quality and Custom Power Devices	20PE1T3B	Employability	AR20
	Programmable Logic Controllers & Applications	20PE1T3C	Employability	AR20
	Artificial Intelligence Techniques	20PE1T4A	Employability	AR20
	Renewable Energy Technologies	20PE1T4B	Employability	AR20
	HVDC Transmission and Flexible AC Transmission Systems	20PE1T4C	Employability	AR20
	Research Methodology and IPR	20PE1T5	Employability	AR20
	Power Electronics Simulation Laboratory	20PE1L1	Skill development	AR20
	Power Converters Laboratory	20PE1L2	Skill development	AR20
	Switched Mode Power Conversion	20PE2T1	Employability	AR20
	Power Electronic Control of Electrical Drives	20PE212	Employability	AR20
	Control & Integration of Renewable Energy Systems	20PE2T3A	Employability	AR20
M.TECH ECE.	Hybrid Electric Vehicles	20PE2T3B	Employability	AR20
	Digital Control Systems	20PE2T3C	Employability	AR20
	Advanced Digital Signal Processing	20PE2T4A	Employability	AR20
	Applications of Power Converters	20PE2T4B	Employability	AR20
	Microcontrollers	20PE2T4C	Employability	AR20
	Electric Drives Simulation Laboratory	20PE2L1	Employability	AR20
	Electric Drives Laboratory	20PE2L2	Skill development	AR20
	Mini Project with Seminar		Skill development	AR20
	Digital Signal Processing Controlled Drives	20PE3TIA	Employability	AR20
	Smart Grid Technologies	2011 110	Employability	AR20
	Modelling & Simulation of Power Electronic Systems	20PE3TIC	Employability	AR20
	Industrial Safety	20PE372A	Employability	AR20
	Energy Audit, Conservation & Management	20PE312B	Employability	AR20
	Composite Materials	20PE3T2C	Employability	AR20
	Dissertation Phase - I		Skill development	AR20
	Dissertation Phase - II		Skill development	48.00

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DEPARTMENT OF CIVIL ENGINEERING

List of Employability/ Entrepreneurship/ Skill development courses offered in

A.Y: 2020-21

Program Name	Name of the course	Course code	Activities/Content with a direct bearing on Employability/ Entrepr Skill development	Regulat
	ENGINEERING PHYSICS	20BS1T1	Skill development	AR20
B.Tech	ORDINARY DIFFERENTIAL EQUATIONS AND CALCULUS	20BS1T2	Skill development	AR20
(CE)	ELECTRICAL CIRCUIT ANALYSIS	20ES1T3	Skill development	AR20
	C PROGRAMMING	20ES1T4	Skill development	AR20
	ENGINEERING GRAPHICS AND DESIGN	20ES1T5	Skill development	AR20
	ENGINEERING/APPLIED PHYSICS LAB	20BS1L1	Skill development	AR20
	C PROGRAMMING LAB	20ES1L2	Skill development	AR20
	ENGINEERING WORKSHOP & ITWS LAB	20ES1L3	Skill development	AR20
	COMMUNICATIVE ENGLISH-I	20HS2T1	Employability	AR20
B.Tech	LINEAR ALGEBRA & TRANSFORMATIONS	20BS2T2	Employability	AR20
(CE)	ENGINEERING CHEMISTRY	20BS2T3	Employability	AR20
	PYTHON PROGRAMMING	20ES2T4	Employability	AR20
	ENGINEERING MECHANICS	20ES2T5	Employability	AR20
	COMMUNICATIVE ENGLISH LAB	20HS2L1	Skill development	AR20
	ENGINEERING CHEMISTRY LAB	20BS2L2	Skill development	AR20
	PYTHON LAB	20ES 2L3	Skill development	AR20
	Environmental Studies	20MC2 T6	Skill development	AR20
	Probability & Stat	18CE3T1	Skill development	AR18
	Basic Electrical and	18CE3T2	Skill development	AR18

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	Strength of Materials -I	18CE3T3	Skill development	AR18
B.Tech	Building Materials and	18CE3T4	Skill development	AR18
(CE)	Construct			
	Surveying	18CE3T5	Skill development	AR18
	Fluid Mechanics	18CE3T6	Skill development	AR18
	Surveying Field work -I	18CE3L1	Skill development	AR18
	Strength of Materials Lab	18CE3L2	Skill development	AR18
	Managerial Economics and Real Estate	18CE3T7	Employability	AR18
	Building Planning and D	18CE4T1	Skill development	AR18
	Strength of Materials-II	18CE4T2-	- Skill development	AR18
B.Tech	Hydraulics and Hydraulic Machine	18CE4T3	Skill development	AR18
(CE)	Concrete Technology	18CE4T4	Skill development	AR18
	Structural Analysis - I	18CE4T5	Skill development	AR18
	Transportation Engineering - I	18CE4T6	Skill development	AR18
	FM & HHM Laboratory	18CE4L1	Skill development	AR18
	Surveying Field work - II	18CE4L2	Skill development	AR18
	Professional Ethics and Human Values	18CE4T7	Employability	AR18
	Management Science & Financial Analysis	18CE5T1	Skill development	AR18
	Engineering Geology	18CE5T2	Skill development	AR18
B.Tech	Structural Analysis - II	18CE5T3	Skill development	AR18
(CE)	Design and Drawing of Reinforced Concrete Structures	18CE5T4	Skill development	AR18
	Transportation Engineering - II	18CE5T5	Skill development	AR18
	Concrete Technology Lab	18CE5L1	Skill development	AR18
	Engineering Geology Laboratory	18CE5L2	Skill development	AR18
	Transportation Engineering Laboratory	18CE5L3	Skill development	AR18
	Personality Development	18CE5T6	Employability	AR18
	Design and Drawing of Steel	18CE6T1	Skill development	AR18
B.Tech	Geotechnical Engineering -I	18CE6T2	Skill development	AR18
(CE)	Environmental Engineering -I	18CE6T3	Skill development	AR18
	Water Resources Engineering	18CE6T4	Skill development	AR18
	Open Elective	18CE6T5	Skill development	AR18
	Geo-technical Engineering Lab	18CE6L1	Skill development	AR18
	Environmental Engineering Lab	18CE6L2	Skill development	AR18
	Computer Aided Engineering Lab	18CE6L3	Employability	AR18
	Internship & Summe	18CE6I1	Employability	AR18
	Environmental Engineering -II Water Resource	R16410T	Skill development	R16
B.Tech	Water Resource Engineering -II	R16410T 2	Skill development	R16
(CE)	Geotechnical Engineering -	R16410T	Skill development	R16

1	Remote Sensing and GIS	18CE7T4	Employability	AR18
	Applications Elective – I	18CE7T5	Employability	AR18
	Elective – II	18CE7T6	Employability	AR18
	CAD and GIS Lab	18CE7L1	Employability	AR18
	Irrigation Design and Drawing	18CE7L2	Skill development	AR18
	IPR & Patent	18CE7T7	Skill development	AR18
	Estimation Specification and Contracts	18CE8T1	Skill development	AR18
B.Tech (CE)	Construction Technology and Management	18CE8T2	Skill development	AR18
	Pre-Stressed Concrete	18CE8T3	Skill development	AR18
	Elective III	18CE8T4	Skill development	AR18
	Project Work	18CE8P1	Skill development	AR18

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DEPARTMENT OF ELECTRICAL AND ELECTRNICS ENGINEERING

List of Employability/ Entrepreneurship/ Skill development courses offered AY 2020-21

		YEAR I SEM	the set of the second	A Carry Grand
Progra m Name	Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Regulation
	Engineering Physics	20BS1T1	Employability	AR20
	Ordinary Differential	20BS1T2	Employability	AR20
	Equations & Calculus			
	Electrical Circuit Analysis	20ES1T3	Employability	AR20
	C Programming	20ES1T4	Employability	AR20
	Engineering Graphics And Design	20ES1T5	Employability	AR20
	Engineering /Applied Physics Lab	20BS1L1	Skill development	AR20
	C Programming Lab	20ES1L2	Skill development	AR20
	Engineering Workshop & ITWS Lab	20ES1L3	Skill development	AR20
	Communicative English-I	20HS2T1	Employability	AR20
	Linear Algebra & Transformation	20BS2T2	Employability	AR20
	Engineering Chemistry	20BS2T3	Employability	AR20
•	Python programming	20ES2T4	Employability	AR20
	Engineering Mechanics	20ES2T5	Employability	AR20
	Communicative English Lab	20HS2L1	Skill development	AR20
B.TECH EEE	Engineering Chemistry Lab	20BS2L2	Skill development	AR20
5. ILCII LEE	Python Lab	20ES2L3	Skill development	AR20
	Environmental Studies	20MC2T6	Employability	AR20
	Electrical Circuit Analysis - II	18EE3T1	Employability	AR18
	Electrical Machines-I	18EE3T2	Employability	AR18
	Electronic Devices & Circuits	18EE3T3	Employability	AR18
	Electro Magnetic Fields	18EE3T4	Employability	AR18
	Thermal and Hydro Prime Movers	18EE3T5A	Employability	AR18
	Cloud Computing-I	18EE3T5B	Employability	AR18
	Cyber security-l	18EE3T5C	Employability	AR18
	Data Analytics-I	18EE3T5D	Employability	AR18
	Web & Mobile App development-I	18EE3T5E	Employability	AR18
	CAD/CAM	18EE3T5F	Employability .	AR18
	Power Systems-I	18EE3T6	Skill development	AR18
Contraction in the	Thermal and Hydro	18EE3L1	Skill development	AR18

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	Laboratory	Sector Sector Sector		
	Electrical Circuits	18EE3L2	Skill development	ARI
	Laboratory		R. Laurahillitar	4.77.1
Section States	Electrical Measurements	18EE4T1	Employability	ARI
	Electrical Machines-II	18EE4T2	Employability	AR1
No.	Switching Theory and Logic Design	18EE4T3	Employability	ARI
	Control Systems	18EE4T4	Employability	AR1
	Managerial Economics & Financial Analysis	18EE4T5A	Employability	ARI
	Cloud Computing-II	18EE4T5B	Employability	ARI
	Cyber security-II	18EE4T5C	Employability	ARI
and the second	Data Analytics-II	18EE4T5D	Employability	ARI
	Web & Mobile App	18EE4T5E	Employability	AR1
Text States	development-II	18EE4T6	Employability	ARI
	Power Systems -II	the second s	Skill development	ARI
	Electrical Machines -I Laboratory	18EE4L1		ARI
	Electronic Devices & Circuits Lab	18EE4L2	Skill development	
	Power Electronics	18EE5T1	Employability	ARI
	Power System Analysis	18EE5T2	Employability	ARI
	Signals and Systems	18EE5T3	Employability	ARI
	Pulse & Digital Circuits	18EE5T4	Employability	ARI
o magu pape	Management Science	18EE5T5A	Employability	ARI
B.TECH EEE	Cloud Computing-III	18EE5T5B	Employability	ARI
	Cyber security-III	18EE5T5C	Employability	ARIS
	Data Analytics-III	18EE5T5D	Employability	AR18
	Web & Mobile App development-III	18EE5T5E	Employability	AR18
	IPR & Patents	18EE5T6	Employability	AR18
	Electrical Machines-II	18EE5L1	Skill development	ARI
	Laboratory Control Systems &	18EE5L2	Skill development	ARI
	Simulation Lab Electrical Measurements	18EE5L3	Skill development	ARI
	Laboratory Power Electronic	18EE6T1	Employability	ARI
	Controllers & Drives Micro Processors and Micro controllers	18EE6T2	Employability	ARI
	Switchgear and	18EE6T3	Employability	ARI
	Protection Linear IC Applications	18EC6T4	Employability	ARI
	Cloud Computing-IV	18EE6T5A	Employability	ARI
	Cyber security- IV	18EE6T5B	Employability	ARI
1 States	Data Analytics- IV	18EE6T5C	Employability	ARI
	Web & Mobile App	18EE6T5D	Employability	ARI
	development- IV Data Structures	18EE6T6	Employability	ARI
	Data Structures	18EE6L1	Skill development	ARI
	Laboratory Professional Ethics &	18EE6T7	Employability	ARI
No prime in the	Human Values	18EE6L2	Skill development	ARI
	Power Electronics & Simulation Lab	R1641021		R16
The Cardina and the Control of the C	Utilization of Electrical	K1041021	Employability	R10

	Linear IC Applications	R1641022	Employability	R16
	Power System Operation & Control	R1641023	Employability	R16
	Switchgear and Protection	R1641024	Employability	R16
	Electrical Machine Modeling and Analysis	R164102A	Employability	RJ6
	Advanced Control Systems	R164102B	Employability	R16
	Programmable Logic Controllers& Applications	R164102C	Employability	R16
	Instrumentation	R164102D	Employability	R16
	Optimization Techniques	R164102E	Employability	Rie
	Electric Power Quality	R164102F	Employability	R16
B.TECH EEE	Special Electrical Machines	R164102G	Employability	R16
B.IECH EEE	Electrical Simulation Laboratory	R1641027	Skill development	R16
	Power Systems & Simulation Lab	R1641028	Skill development	R16
	Digital Control Systems	R1642021	Employability	R16
	Hvdc Transmission	R1642022	Employability	R16
	Electrical Distribution Systems	R1642023	Employability	R16
	High Voltage Engineering	R164202A	Employability	R16
	Flexible Alternating Current Transmission Systems	R164202B	Employability	R16
	Power System Reforms	R164202C	Employability	R16
	Seminar	R1642025	Skill development	R16
and the second	Project	R1642026	Skill development	R16

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DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING

List of Employability/ Entrepreneurship/ Skill development courses offered in

Program Name	Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Reg ulat ions
B.Tech	Engineering Physics	20BS1T1	Employability	AR 20
B.Tech (ECE)	Ordinary Differential Equations . And Calculus	20BS1T2 ;	Employability	AR 20
	Electrical Circuit Analysis	20ES1T3	Employability	AR 20
	C Programming	20ES1T4	Employability	AR 20
	Engineering Graphics And Design	20ES1T5	Employability	AR 20
	Engineering/Applied Physics Lab	20BS1L1	Employability	AR 20
	C Programming Lab	20ES1L2	Employability	AR 20
	Engineering Workshop & ITWS Lab	20ES1L3	Skill development	AR 20
	Environmental Studies	20MC1T6	Entrepreneurship	AR 20
	Communicative English-I	20HS2T1	Skill development	AR 20
	Linear Algebra And Transformations	20BS2T2	Employability ,	AR 20
	Engineering Chemistry	20BS2T3	Skill development	AR 20
	Python Programming	20ES2T4	Employability	AR 20
	Engineering Mechanics	20ES2T5	Employability	AR 20
	Communicative English Lab	20HS2L1	Employability	AR 20
	Engineering Chemistry Lab	20BS2L2	Employability	AR 20
	Python Lab	20ES2L3	Employability	AR 20
	Signals & Systems	18EC3T1	Employability	AR 18
	Electronic Devices and Circuits	18EC3T2	Employability	AR 18
	Probability Theory and Random Process	18EC3T3	Employability	AR 18
	Switching Theory and Logic Design	18EC3T4	Employability	AR 18
	Managerial Econamics & Financial Analysis	18EC3T5A	Employability	AR 18
	Network Theory	18EC3T6	Employability .	AR 18
	Electronics and Devices Circuits Lab	18EC3L1	Employability	AR 18
	Network Theory Lab	18EC3L2 👘	Employability	AR 18
	Electromagnetic Theory and Transmission Lines	18EC4T1	Employability	AR 18

Electronic Circuit Analysis	18EC4T2	Employability	AR IS
Analog & Digital	1880412		AR 1
Communication	18EC4T3	Employability	AK I
Pulse and Digital Circuits	18EC4T4	Employability '	AR 1
Management Science	18EC4T5A	Employability	AR 1
Pulse and Digital Circuits Lab	18EC4L1	Employability	AR 1
Analog Communication Lab	18EC4L2	Employability	AR 1
Electronic Circuits Analysis Lab	18EC4L3	Employability	AR 1
Personality development	18EC4T6	Employability	AR 1
Analog IC Applications	18EC5T1	Skill development	AR 1
Control Systems	18EC5T2	Employability	AR 1
Antenna and wave propagation	18EC5T3	Employability	AR 1
Digital Signal Processing	18EC5T4	Employability	AR 1
Biomedical Engineering	18EC5T5	Employability	AR 1
Digital Communication Lab	18EC5L1	Employability	AR 18
Analog IC Applications Lab	18EC5L2	Employability	AR 18
Digital Signal Processing Lab	18EC5L3	Employability	AR 18
Professional Ethics and Human Values	18EC5T6	Skill development	AR 18
Microwave Engineering	18EC6T1	Skill development	AR 18
Microprocessors and Microcontrollers	18EC6T2	Skill development	AR 18
Digital IC Applications	18EC6T3	Employability	AR 18
Application Oriented Internet of Things	18EC6T4	Employability	AR 18
OOPs Through JAVA	18EC6T5A	Employability	AR 18
IPR & Patents	18EC6T6	Skill development	AR 18
Microprocessors and Microcontrollers Lab	18EC6L1	Skill development	AR 18
Digital IC Application Lab	18EC6L2	Employability	AR 18
Computer Architecture and Organization	R1631041	Employability	R16
Linear I C Applications	R1631042	Employability	R16
Digital I C Applications	R1631043	Employability	R16
Digital Communications	R1631044	Employability	R16
Antenna and Wave Propagation	Provident States and States	Employability ·	R16
Pulse and Digital Circuits Lab	R1631045	Employability	R16
	R1631049		Contraction of the
Linear I C Applications Lab	R1631041	Employability	R16
Digital I C Applications Lab	R1631042	Employability	R16
Professional Ethics & Human Values	R1631043	Skill development	R16
Micro Processors & Micro Controllers	R1632041	Entrepreneurship	R16
Micro Wave Engineering	R1632042	Employability	R16
VLSI Design	R1632043	Employability	R16
Digital Signal Processing	R1632044	Employability	R16
Bio-Medical Engineering	R163204D	Employability	R16
Radar Systems	R1641041	Employability	R16
Digital Image Processing	R1641042	Employability	R16
Computer Networks	R1641043	Employability	R16
Optical Communications	R1641044	Employability ,	R16
		Lanprojaoning	KIU

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-	Embedded Systems	R164104D	Employability	R16
(-	Cellular Mobile Communications	R1642041	Employability	R16
and the second s	Electronic Measurements and	R1642042	Employability	R16
	Instrumentation Satellite Communications	R1642043	Employability	R16
	Wireless sensors & Networks	R164204A	Employability	R16
	Seminar	R1642045	Employability	R16
	Project	R1642046	Employability	R16

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www.amritasai.org.in,Phone: 0866-2428399 DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

List of Employability/ Entrepreneurship/ Skill development courses offered in

Program Name	Name of the Course	Course ^{e :} Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Regul ations
	Communicative English-I	20HS1T1	Employability	AR20
	Ordinary Differential Equations & Calculus	20BS1T2	Employability	AR20
	Engineering Chemistry	20BS1T3	Employability	AR20
	IT workshop	20CS1T4	Employability	AR20
	Python-I	20CS1T5	Employability	AR20
	Communicative English Lab	20HS1L1	Skill development	AR20
	Engineering Chemistry Lab	20BS1L2	Skill development	AR20
	Python lab-I	20CS1L3	Skill development	AR20
	Environmental Studies	20MC1T6	Employability	AR20
	Applied Physics	20BS2T1	Employability .	AR20
	Linear Algebra & Transformation	20BS2T2	Employability	AR20
	Data Structures using C++	20CS2T3		AR20
	Python-II	20CS2T4		AR20
	Engineering Graphics & Design	20CS2T5	Employability	AR20
	Engineering/ Applied Physics Lab	20BS2L1	Skill development	AR20
	Data Structures and C++ lab	20CS2L2	Skill development	AR20
	Python Lab-II	20CS2L3	Skill development	AR20
TECH CSE	Unix and Shell Programming	18CS3T1	Employability	AR18
	Mathematical Foundation of Computer Science	18CS3T2	Employability	AR18
	Computer Organization	18CS3T3	Employability	AR18
	Java Programming	18CS3T4	Employability	AR18
	Digital Logic Design	18CS3T5A	Employability	AR18
	Data Analytics-1	18CS3T5B	Employability	AR18
100 100 100 100 100 100 100 100 100 100	Cloud Computing-1	18CS3T5C	Employability	AR18
	Web and Mobile Development-1	18CS3T5D	Employability .	AR18
	Cyber Security-1	18CS3T5E	Employability	AR18
	Data structures through c++	18CS3T6	Employability	AR18
	Data Structures through C++ 🖕 Lab	18CS3L1	Skill development	AR18
	Java Programming Lab	18CS3L2		AR18
	Unix and Shell Programming Lab	18CS3L3		AR18
	Python Programming	18CS4T1	Employability	AR18
	Advanced Data Structures	18CS4T2	Employability	AR18
	Database Management Systems	18CS4T3	Employability	AR18

	and present of the second	Formal Languages and	18CS4T4	Employability	AR18 ·
		Automata Theory	18CS4T5A	Employability	1010
- 8		Computer Graphics	18CS4T5R	Employability	AR18
		Data Analytics-2	18CS4T5C	Employability	AR18
	Constanting to	Cloud Computing-2 Web and Mobile Development-	18CS3T5D	Employability	AR18
24		2	19033130	Employability	AR18
		Cyber Security-2	18CS4T5E	Employability	AR18
		Operating Systems	18CS4T6	Employability	AR18
		Advanced Data Structures Lab	18CS4L1	Skill development	AR18
		Python Programming Lab	18CS4L2	Skill development	AR18
	a series and	Web Technologies	18CS5T1	Employability	AR18
32		Statistics with R Programming	18CS5T2	Employability	AR18
		Software Engineering	18CS5T3	Employability	AR18
3		Computer Networks	18CS5T4	Employability	AR18
		Compiler Design	18CS5T5A	Employability	AR18
		Data Analytics-3	18CS5T5R	Employability	AR18
		Cloud Computing-3		Employability	AR18
			18CS5T5C	Employability	AR18
12		Web and Mobile Development-3	18CS5T5D		AR18
		Cyber Security-3	18CS5T5E	Employability	and the second se
		Statistics with R Programming Lab	18CS5L1	Employability	AR18
		Computer Networks Lab	18CS5L2	Skill development	AR18
	Status and	Web Technologies Lab	18CS5L3	Skill development	AR18
	B.TECH CSE	Professional Ethics & Intellectual Property Rights	18CS5T6	Employability	AR18
		Principles of Programming Languages	18CS6T1	Employability	AR18
		Design and Analysis of Algorithms	18CS6T2	Employability	AR18
100	(Data Warehousing and Data Mining	180S6T3	Employability	AR18
		Object Oriented Analysis and Design using UML	18CS6T4	Employability	, AR18
		TCP/IP Protocols	18CS6T5A	Employability	AR18
		Data Analytics-4	18CS6T5B	Employability	AR18
		Cloud Computing-4	18CS6T5C	Employability	AR18
		Web and Mobile Development-4	and the second se	Employability	AR18
and a		web and woblie bevelopment-4	and the second second		
		Cyber Security-4	18CS6T5E	Employability	AR18
10		Object Oriented Analysis and Design using UML Lab	18CS6L1	Skill development	AR18
		Data Mining Lab	18CS6L2	Skill development	AR18
		Internship & Mini Project	18CS6I1	Skill development	AR18
and a	Central and	Cryptography and Network	R1641051	Employability	R16
	The second	Security Software Architecture & Design	R1641052	Employability	R16
		Patterns Web Technologies	R1641053	Employability	R.16
		Managerial Economics and	R1641054	Employability	R16
		Managerial Economics and Financial Analysis			and the second
		i. Big Data Analytics	R164105A	Employability	R16

	ii. Information Retrieval Systems iii. Mobile Computing		1	
	Cloud Computing	R164105D	Employability	R16
	Software Architecture & Design Patterns Lab	R1641057	Skill development	R16
	Web Technologies Lab	R1641058	Skill development	R16
	Distributed Systems	R1642051	Employability	R16
B.TECH CSE	Management Science	R1642052	Employability	R16
	Machine Learning	R1642053	Employability	R16
	i. Concurrent and Parallel Programming ii.Artificial Neural Networks iii.Operations Research	R164205A	Employability	R16
	Seminar	R1642055	Skill development	R16
	Project	R1642056	Skill development	R16



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DEPARTMENT OF MECHANICAL ENGINEERING

List of Employability/ Entrepreneurship/ Skill development courses offered in

Program Name	Name of the Course	Cours e Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Regu latio ns
	ENGINEERING PHYSICS	20BS1T1	Employability	AR20
	ORDINARY DIFFERENTIAL EQUATIONS AND CALCULUS	20BS1T2	Employability	AR20
	ELECTRICAL CIRCUIT ANALYSIS	20ES1T3	Employability	AR20
	C PROGRAMMING	20ES1T4	Employability	AR20
	ENGINEERING GRAPHICS AND DESIGN	20ES1T5	Employability	AR20
	ENGINEERING/APPLIED PHYSICS LAB	20BS1L1	Skill development	AR20
	C PROGRAMMING LAB	20ES1L2	Skill development	AR20
	ENGINEERING WORKSHOP & ITWS LAB	20ES1L3	Skill development	AR20
	ENVIRONMENTAL STUDIES	୬ 20MC1T6:	Employability	AR20
	COMMUNICATIVE ENGLISH-I	20HS2T1	Employability	AR20
	LINEAR ALGEBRA & TRANSFORMATIONS	20BS2T2	Employability	AR20
B.TECH MEC	HENGINEERING CHEMISTRY	20BS2T3	Employability	AR20
	PYTHON PROGRAMMING	20ES2T4	Employability	AR20
	ENGINEERING MECHANICS	20ES2T5	Employability	AR20
	COMMUNICATIVE ENGLISH LAB	20HS2L1	Skill development	AR20
	ENGINEERING CHEMISTRY LAB	20BS2L2	Skill development	AR20
	PYTHON LAB	20ES2L3	Skill development	AR20
	Metallurgy & Materials Science	. 18ME3Ţ1	Employability	AR18
	Engineering Drawing-II	18ME3T2	Employability	AR18

	Thermodynamics	18ME3T3	Employability	AR18
	Mechanics of Solids	18ME3T4	Employability	AR18
	Engineering Economics	18ME3T5A	Employability	AR18
	Data Analysis-I	18CS3T5B	Employability	AR18
	Cloud Computing-I	18CS3T5C	Employability	AR18
	Web and Mobile Development –I	18CS3T5D	Employability	AR18
	Cyber Security-I	18CS3T5E	Employability	AR18
	Industrial applications of CAD-1	18CE3T5F	Employability	AR18
	Electrical & Electronics Engineering Lab	18ME3L1	Skill development	AR18
.TECH	MECH Mechanics of Solids & Metallurgy Lab	18ME3L2	Skill development	AR18
	Auto CAD-LAB	18ME3L3	Skill development	AR18
	Fluid Mechanics & Hydraulic Machines	18ME4T1	Employability	AR18
	Theory of Machines-I	18ME4T2	Employability	AR18
	Manufacturing Processes	18ME4T3	Employability	AR18
	Applied Thermodynamics	18ME4T4	Employability	AR18
	Machine Drawing	18ME4T5A	Employability	AR18
	Data Analytics-II	18CS4T5B	Employability	AR18
	Cloud Computing-II	18CS4T5C	Employability	AR18
	Web and Mobile Development –I	18CS4T5D	Employability	AR18
	Cyber Security-II	18CS4T5E	Employability	AR18
·	Industrial applications of CAD-II	18CE4T5F	Employability	AR18
	Design of Machine Members -I	18ME4T6	Employability	AR18
	Manufacturing Processes Lab	18ME4L1	Skill development	AR18
	Fluid Mechanics & Hydraulic Machinery Lab	18ME4L2	Skill development	AR18
	I.C Engines & Gas Turbines	18ME5T1	Employability	AR18
	Theory of Machines-II	18ME5T2	Employability	AR18
	Manufacturing Technology	18ME5T3	Employability	AR18
	Design of Machine Members-II	18ME5T4	Employability	.AR18
	Industrial Engineering and Management	18ME5T5A	Employability	AR18
	Data Analytics-III	18CSST5B	Employability	AR18

	Cloud Committee III	18CS5T5C	Employability	AR18
	Cloud Computing-III			
	Web and Mobile Development –III	18CS5T5D	Employability	AR18
	Cyber Security-III	18CS5T5E	Employability	AR18
	Industrial applications of CAD-III	18CE5T5F	Employability	AR18
	IPR&P	Mandatory course	Skill development	AR18
	Theory of Machines Lab	18ME5L1	Skill development	AR18
	Manufacturing Technology Lab	18ME5L2	Skill development	AR18
	Thermal Engineering Lab	18ME5L3	Skill development	AR18
	Personality Development	18ME5L4	Skill development	AR18
	Instrumentation & Control Systems	18ME6T1	Employability	AR18
B.TECH I	MECHMetrology	18ME6T2	Employability	AR18
	Operations Research	18ME6T3	Employability	AR18
	Refrigeration & Air-conditioning	18ME6T4	Employability	AR18
	Green Engineering Systems	18ME6T5A	Employability	AR18
	Data Analytics-IV	18CS6T5B	Employability	AR18
	Cloud Computing-IV	18CS6T5C	Employability	AR18
	Web and Mobile Development –IV	18CS6T5D	Employability	AR18
	Cyber Security-IV	18CS6T5E	Employability	AR18
	Industrial applications of CAD-IV	18CE6T5F	Employability	AR18
	Heat Transfer	18ME6T6	Employability	AR18
	Constitution of India	Mandatory course	Skill development	AR18
	Heat Transfer Lab	18ME6L1	Skill development	AR18
	Metrology & Instrumentation Lab	18ME6L2	Skill development	AR18
	Industrial Internship	18ME6L3	Skill development	AR18
	Finite Element Methods	18ME7T1	Employability	R16
	Micro Electro Mechanical Systems	18ME7T2	Employability	AR18
	CAD/CAM	18ME7T3	Employability	AR18
1	Power Plant Engineering	18ME7T4	Employability	AR18
	Production Planning and control	18ME7T5	Employability	AR18
	Computational Fluid Dynamics	18ME7T6A	Employability	AR18

Condition Monitoring	18ME7T6B	Employability	AR18
Additive Manufacturing	18ME7T6C	Employability	AR18
Project-1	18ME7P1	Employability	AR18
Simulation Lab	18ME7L1	Skill development	AR18
Unconventional Machining Processes	18ME8T1	Employability	AR18
Automobile Engineering	18ME8T2	Employability	AR18
Advanced Materials	18ME8T3A	Employability	AR18
Design for Manufacture	18ME8T3B	Employability	AR18
Gas Dynamics & Jet Propulsion	18ME8T3C	Employability	AR18
Thermal Equipment Design	18ME8T4A	Employability	AR18
Non Destructive Evaluation	18ME8T4B	Employability	AR18
Quality and Reliability Engineering	18ME8T4C	Employability	AR18
Project-2	18ME8P2	Skill development	AR18



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DEPARTMENT OF CIVIL ENGINEERING

List of Employability/ Entrepreneurship/ Skill development courses offered in

Regulation Program Activities/Content with a direct Name of the course Course code Name bearing on Employability/ Entrepreneurship/ Skill development EMPLOYABILITY Theory of Flasticity 20SEITI AR20 AR20 Structural Dynamics Matrix Analysis of Structures 20SE1T2 EMPLOYABILITY AR20 20SEIT3A EMPLOYABILITY Analytical & Numerical Methods for Structural Engineering EMPLOYABILITY AR20 20SELT3B AR20 Design of RCC Found. EMPLOYABILITY 20SE1T3C Bridge Engineering AR20 20SELT4A SKIL DEVELOPMENT AR20 M.Tech Repair and Rehabilitation of 20SEIT4B SKIL DEVELOPMENT (SE) AR20 Advanced Reinforced Concrete EMPLOYABILITY 20SELT4C Design AR20 Advanced Concrete Technology 20SE1T5 EMPLOYABILITY Advanced Concrete Technology AR20 EMPLOYABILITY 20SEIL1 Laboratory AR20 Advanced Structural Engineering EMPLOYABILITY 20SE11.2 Laboratory Audia Course AR20 20SE1A1 SKIL DEVELOPMENT Finite Element Methods in SKIL DEVELOPMENT **AR20** 20SE2T1 Structural Engineerin EMPLOYABILITY **AR20** Theory of Plates and Shells 20SE2T2 AR20 OSE2T3A EMPLOYABILITY Advanced Steel Design Analysis of Offshore Structure EMPLOYABILITY AR20 08/E2T3B 20SE2T3C EMPLOYABILITY AR20 Earthquake Resistant Design of AR20 20SE2T4A EMPLOYABILITY M.Tech Buildings (SE) AR20 Precast and Prefabricated Structures 20SE2T4B EMPLOYABILITY 20SE2T4C AR20 Earth Retaining Structures EMPLOYABILITY Computer Aided Design Laboratory AR20 EMPLOYABILITY Structural Design laboratory AR20 SKIL DEVELOPMENT Man Project With Seminar 20SF2MP1 AR20 SKIL DEVELOPMENT 20SE2A2 Audit Course -2 AR20 SKIL DEVELOPMENT 18SE3S1 SKIL DEVELOPMENT ARIS Seminar Thesis-Part-I 18SE3J1 SKIL DEVELOPMENT M.Tech ARIS 18SE3R1 Research methodologies SKIL DEVELOPMENT AR18 (SE) SKIL DEVELOPMENT 18SE4P1 Project work & Thesis part-II M.Tech AR18 (SE)

A.Y: 2020-21

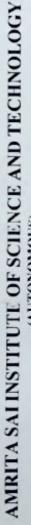
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

M.TECH A.Y-2020-21

Program Name	Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Regulations
	Electrical Machine Modeling & Analysis	20PE1T1	Employability	AR20
	Analysis of Power Electronic Converters	20PE1T2	Employability	AR20
	Modern Control Theory	20PE1T3A	Employability	AR20
	Power Quality and Custom Power Devices	20PE1T3B	Employability	AR20
	Programmable Logic Controllers & Applications	20PE1T3C	Employability	AR20
	Artificial Intelligence Techniques	20PE1T4A	Employability	AR20
	Renewable Energy Technologies	20PE1T4B	Employability	AR20
	HVDC Transmission and Flexible AC Transmission Systems	20PE1T4C	Employability	AR20
	Research Methodology and IPR	20PE175	Employability	AR20
	Power Electronics Simulation Laboratory	20PL 11.1	Skill development	AR20
	Power Converters Laboratory	20PE1L2	Skill development	AR20
	Switched Mode Power Conversion	20PE2T1	Employability	AR20
	Power Electronic Control of Electrical Drives	20PE2T2	Employability	ARDO
	Control & Integration of Renewable Energy Systems	20PE2T3A	Employability	AR20
	Hybrid Electric Vehicles	20PE2T3B	Employability	AR20
	Digital Control Systems	20PE2T3C	Employability	AR20
	Advanced Digital Signal Processing	20PE2T4A	Employability	AR20
	Applications of Power Converters	20PE2T4B	Employability	AR20
	Microcontrollers	20PE2T4C	Employability	AR20
	Electric Drives Simulation Laboratory	20PE2L1	Employability	AR20
	Electric Drives Laboratory	20PE2L2	Skill development	AR20
	Mini Project with Seminar		Skill development	AR20
	Digital Signal Processing Controlled Drives	20PE3T1A	Employability	AR20
	Smart Grid Technologies	20PE3T1B	Employability	AR20
	Modelling & Simulation of Power Electronic Systems	20PE3T1C	Employability	AR20
	Industrial Safety	20PE.312A	Employability	AR20
	Energy Audit, Conservation & Management	20PE3T2B	Employability	AR20
	Composite Materials	20PE3T2C	Employability	AR20
	Dissertation Phase - I		Skill development	AR20
	Dissertation Phase - II		Skill davatorement	

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

List of Employability/ Entrepreneurship/ Skill development courses offered in A.Y: 2020-21

Program Name	Name of the course	Course code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Regulation
	Mathematical Foundations of Computer Science	20CP1T1	EMPLOYABILITY	AR20
	Advanced Data Structures & Algorithms	20CP1T2	EMPLOYABILITY	AR20
M.Tech (CSE)	Big Data Analytics	20CP1T3 A	EMPLOYABILITY	AR20
	Digital Image Processing	20CP1T3 B	EMPLOYABILITY	AR20
	Advanced Operating Systems	20CP13C	EMPLOYABILITY	AR20
	Advanced Computer Networks	20CP1T4A	EMPLOYABILITY	AR20
	Internet of Things	20CP1T4B	EMPLOYABILITY	AR20
	Object Oriented Software Engineering	20CP1T4C	EMPLOYABILITY	AR20
	Research Methodology and IPR	20CPIC1	EMPLOYABILITY	AR20
	Advanced Data Structures & Algorithms Lab	20CP1L1	SKIL DEVELOPMENT	AR20
	Advanced Computing Lab	20CP1L2	SKIL DEVELOPMENT	AR20
	Audit Course-1	20CP1A1	SKIL DEVELOPMENT	AR20
	Machine learning	20CP2T1	EMPLOYABILITY	AR.20
	MEAN Stack Technologies	20CP2T2	EMPLOYABILITY	AR20
	Advanced Databases and Mining	20CP2T3A	EMPLOYABILITY	AR20
	Ad Hoc & Sensor Networks	20CP2T3B	EMPLOYABILITY	AR20
M.T.ak	Soft Computing	20CP2T3C	EMPLOYABILITY	AR20
M.Tech (CSE)	Cloud Computing	20CP2T4A	EMPLOYABILITY	AR20
	Principles of computer security	20CP2T4B	EMPLOYABILITY	AR20
	High Performance Computing	20CP2T4C	EMPLOYABILITY	AR20
	Machine Learning with python lab	20CP2L1	SKIL DEVELOPMENT	AR20

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DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

List of Employability/ Entrepreneurship/ Skill development courses offered in

Program Name	Name of the course	Course code	Activities/Content with a direct bearing on Employability/Entrepreneurship/ Skill development	Regulation
1.000	Computer Organization	19MCA2301	EMPLOY ABILITY	AR20
	Database Management Systems	19MCA2302	EMPLOYABILITY	AR20
MCA	Object Oriented Programming through Java	19MCA2303	EMPLOYABILITY	AR20
	Operating Systems	19MCA2304	EMPLOYABILITY	AR20
	Web Design and Development	19MCA2305	EMPLOYABILITY	AR20
	Database Management Systems Lab	19MCA2351	SKIL DEVELOPMENT	AR20
	Object Oriented Programming through Java Lab	19MCA2352	SKIL DEVELOPMENT	AR20
	Web Design and Development Lab	19MCA2353	SKIL DEVELOPMENT	AR20
	Personality Development Course (Logical Reasoning and English for Professionals)	19MCA5354	SKII DEVELOPMENT	AR20
	Statistics with R	19MCA2401	EMPLOYABILITY	AR20
	Computer Networks	19MCA2402	EMPLOYABILITY	AR20
	Design and Analysis of Algorithms	19MCA2403	EMPLOYABILITY	AR20
мса	Mobile Application Development	19MCA2404	EMPLOY ABILITY	AR20
	Industrial Management	19MCA2405	EMPLOYABILITY	AR20
	Statistics with R Lab	19MCA2451	EMPLOYABILITY	AR20

A.Y: 2020-21

	Computer Networks Lab	19MCA2452	SKIL DEVELOPMENT	AR20
	Mobile Application Development Lab	19MCA2453	SKIL DEVELOPMENT	AR20
	Seminar	19MCA4454	SKIL DEVELOPMENT	AR.20
	Personality Development Course (Aptitude and Campus Recruitment	19MCA5455	SKIL DEVELOPMENT	AR20
ICA	Training) THEORY OF COMPUTATIONS	18MC3T1	EMPLOYABILITY	ARIX
	COMPUTER NETWORKS	18MC3T2	EMPLOYABILITY	ARIS
	SOFTWARE ENGINEERIN	18MC3T3	EMPLOYABILITY	AR18
	ADVANCED JAVA & WEB TECHNOLOGIES	18MC3T4	EMPLOYABILITY	AR18
	DESIGN AND ANALYSIS OF ALGORITHMS	18MC3T5	EMPLOYABILITY	AR18
	ADVANCED JAVA & WEB TECHNOLOGIES LAB	18MC3L1	SKIL DEVELOPMENT	AR18
	SHELL SCRIPTING LAB	18MC3L2	SKIL DEVELOPMENT	AR18
	COMPUTER NETWORKS	18MC3L3	SKIL DEVELOPMENT	AR18
	OBJECT ORIENTED ANALYSIS AND DESIGN	18MC4T1	EMPLOYABILITY	AR18
	COMPILER DESIGN	18MC4T2	EMPLOYABILITY	AR18
	DATA WAREHOUSING AND MINING	18MC4T3	EMPLOYABILITY	AR18
	ELECTIVE-1- MOBILE COMPUTING	18MC4T4A	EMPLOYABIUTY	AR18
	HUMAN COMPUTER	18MC4T4B	EMPLOYABILITY	AR18
мса	CLOUD COMPUTING	18MC4T4C	EMPLOYABILITY	AR18
мса	ELECTIVE-2- SOFTWARE PROJECT MANAGEMENT	18MC4T5A	EMPLOYABILITY	AR18
	ARTIFICIAL INTELLIGENCE	18MC4T5B	EMPLOYABILITY	AR18
	EMBEDDED SYSTEMS	18MC4T5C	EMPLOYABILITY	AR18
	CLOUD COMPUTING LAB	18MC4L1	SKIL DEVELOPMENT	AR18
	DATA WAREHOUSING AND MINING LAB	18MC4L2	SKIL DEVELOPMENT	AR18

	OBJECT ORIENTED ANALYSIS AND DESIGN LAB	18MC4L3	SKIL DEVELOPMENT	AR18
	BIG DATA ANALYTICS	18MC5T1	EMPLOYABILITY	AR18
	CYBER SECURITY	18MC5T2	EMPLOYABILITY	AR18
	PYTHON PROGRAMMING	18MC5T3	EMPLOYABILITY	ARIB
	ELECTIVE-3- SOFTWARE TESTING METHODOLOGIES	18MC5T4A	EMPLOYABIUTY	AR18
мса	COMPUTER FORENSICS	18MC5T4B	EMPLOYABILITY	AR18
	E-COMMERCE	18MC5T4C	EMPLOYABILITY	AR18
	ELECTIVE-4- INTERNET OF THINGS	18MC5T5A	EMPLOYABILITY	AR18
	MULTIMEDIA APPLICATION DEVELOPMENT	18MC5T5B	EMPLOYABILITY	AR18
	NETWORK PROGRAMMING	18MC5T5C	EMPLOYABILITY	AR18
	BIG DATA ANALYTICS LAB	18MC5L1	SKIL DEVELOPMENT	AR18
	SOFTWARE TESTING	18MC5L2	SKIL DEVELOPMENT	AR18
	PYTHON PROGRAMMING LAB	18MC5L3	SKIL DEVELOPMENT	AR18
ICA	SEMINAR ON PROJECT	18MC6S1	SKIL DEVELOPMENT	AR18
	DISSERTATION/ THESIS	18MC6P1	SKIL DEVELOPMENT	AR18

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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Program Name	Name of the Course Code Employability/ Entrepreneurship/ development	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Regulations
	Electrical Machine Modeling & Analysis	20PE1T1	Employability	AR20
	Analysis of Power Electronic Converters	20PE1T2	Employability	AR20
	Modern Control Theory	20PE1T3A	Employability	AR20
	Power Quality and Custom Power Devices	20PE1T3B	Employability	AR20
	Programmable Logic Controllers & Applications	20PE1T3C	Employability	AR20
	Artificial Intelligence Techniques	20PE1T4A	Employability	AR20
	Renewable Energy Technologies	20PE1T4B	Employability	AR20
	HVDC Transmission and Flexible AC Transmission Systems	20PE1T4C	Employability	AR20
	Research Methodology and IPR	20PE1T5	Employability	AR20
	Power Electronics Simulation Laboratory	20PE1L1	Skill development	AR20
	Power Converters Laboratory	20PE1L2	Skill development	AR20
	Switched Mode Power Conversion	20PE2T1	Employability	AR20
	Power Electronic Control of Electrical Drives	20PE212	Employability	AR20
	Control & Integration of Renewable Energy Systems	20PE2T3A	Employability	AR20
M.TECH ECE.	Hybrid Electric Vehicles	20PE2T3B	Employability	AR20
	Digital Control Systems	20PE2T3C	Employability	AR20
	Advanced Digital Signal Processing	20PE2T4A	Employability	AR20
	Applications of Power Converters	20PE2T4B	Employability	AR20
	Microcontrollers	20PE2T4C	Employability	AR20
	Electric Drives Simulation Laboratory	20PE2L1	Employability	AR20
	Electric Drives Laboratory	20PE2L2	Skill development	AR20
	Mini Project with Seminar		Skill development	AR20
	Digital Signal Processing Controlled Drives	20PE3TIA	Employability	AR20
	Smart Grid Technologies	2011 110	Employability	AR20
	Modelling & Simulation of Power Electronic Systems	20PE3TIC	Employability	AR20
	Industrial Safety	20PE372A	Employability	AR20
	Energy Audit, Conservation & Management	20PE312B	Employability	AR20
	Composite Materials	20PE3T2C	Employability	AR20
	Dissertation Phase - I		Skill development	AR20
	Dissertation Phase - II		Skill development	48.00

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MASTER OF BUSINESS ADMINISTRATION

List of Employability/ Entrepreneurship/ Skill development courses offered in

A.Y: 2022-23

			Activities/Content	Regulation
S.No	Course Code	Name of the course	Activities/Content	Tto Barra
0.1.10	course search		with a direct	
			bearing	
			on Employability/	
			Entrepreneurship/ Skill	
			development	AR-20
1.	20AJMB101	Management and Organizational Behavior	Skilldevelopment	
2	20AJMB102	Managerial Economics	Skilldevelopment	AR-20
2.		Accounting for Managers	Skilldevelopment	AR-20
3.	20AJMB103	Accounting for Managers	Skilldevelopment	AR-20
4.	20AJMB104	Quantitative Analysis for Business		
		Decisions	Employability	AR-20
5.	20AJMB105	Legal and Business Environment	Skill development	AR-20
6.	20AJMB106	BusinessCommunication	Skill development	,
		andSoft skills		40.20
7.	20AJMB107	Cross Cultural ManagementRural		AR-20
1.	ZUAJIVIDIO	Innovation projects	Skill development	
		Innovation projecto		
		Business Communication and Soft skills	Skill development	AR-20
8.	20AJMB108			
		Lab Information Technology –	Skill development	AR-20
9.	20AJMB109	Lab1(Spreadsheetand Tally)		
		Lab1(Spreadsheetand Tany)	Skill development	AR-20
10.	20AJMB201	Financial Management		
		Human Resource Management	Skills /	AR-20
11.	20AJMB202	Human Resource Management	Entrepreneurship	
			Skills /	AR-20
12.	20AJMB203	Marketing Management	Employability	
			Skill development	AR-20
13	20AJMB204	Operations Management	Skill development	AN 20
			Skill development	AR-20
14	20AJMB205	Business Research Methods	Skill development	/
		Tashpalogy		AR-20
15	20AJMB206	Project Management Technology	Skill development	
		Management	Skill development	
		Lean Management		
		Database Management System		
16	. 20AJMB207		Skill development	AR-20
10	20/15/010/207			
17	. 20AJMB301	Strategic Management	Employability	AR-20
17	20/31/10501			
18	. 20AJMB302	Operations Research	Skill development	AR-20
10	20/13/010302	-	Skill development	AR-20
19	. 20AJMB3E1	Leadership and Change Management	Skill development	F(1)-20

				40.20
20.		Performance Evaluation and Compensation Management	Employability	AR-20
21.		Human Capital Management	Employability	AR-20
22.	20AJMB3E4	Manpower Planning, Recruitment, and Selection	Employability	AR-20
23.	20AJMB3E1	Investment Analysis and Portfolio Management	Skill development	AR-20
24.	20AJMB3E2	Managing Banks and Financial	Entrepreneurship	AR-20
25.	20AJMB3E3	Financial Markets and Services	Entrepreneurship	AR-20
26.	20AJMB3E4	Taxation	Entrepreneurship	AR-20
27.	20AJMB3E1	Consumer Behavior	Skills / Entrepreneurship	AR-20
28.	20AJMB3E2	Retail Management	Skills / Entrepreneurship	AR-20
29.	20AJMB3E3	Customer Relationship Management	Skills / Entrepreneurship	AR-20
30.	20AJMB3E4	Strategic Marketing Management	Skills / Entrepreneurship	AR-20
31.	20AJMB303	Industrial Project based on Summer	Skill development	AR-20
32.	20AJMB401	Internship Supply Chain Management and Analytics	Skill development	AR-20
33.	20AJMB402	Innovation and Entrepreneurship	Entrepreneurship	AR-20
34.	20AJMB4E1	Labor Welfare and employment laws	Employability	AR-20
35.	20AJMB4E2	International HRM	Employability	AR-20
36.	20AJMB4E3	Employee Relations and Engagement	Employability	AR-20
37.	. 20AJMB4E4	Human Resources Development	Employability	AR-20
38.	. 20AJMB4E1		Entrepreneurship	AR-20
39	. 20AJMB4E2		Skill development	AR-20
40	. 20AJMB4E3		Skill development	AR-20
41	. 20AJMB4E4		Skill development	AR-20
42	. 20AJMB4E		Skills / Entrepreneurship	AR-20
43	. 20AJMB4E2	Management	Skills / Entrepreneurship	AR-20
44	. 20AJMB4E		Skills / Entrepreneurship	AR-20
45	5. 20AJMB4E4	4 Advertising and Brand Management	Skills / Entrepreneurship	AR-20

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MASTER OF BUSINESS ADMINISTRATION List of Employability/ Entrepreneurship/ Skill development courses offered in

		<u>A.Y: 2021-22</u>		D. I. C.
S.No	Course Code		Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Regulation
1	20AJMB101	Management and Organizational Behavior	Skilldevelopment	AR-20
2	20AJMB102	Managerial Economics	Skilldevelopment	AR-20
3	20AJMB103	Accounting for Managers	Skilldevelopment	AR-20
4	20AJMB104	Quantitative Analysis for Business Decisions		AR-20
5	20AJMB105	Legal and Business Environment	Employability	AR-20
6	20AJMB106	Business Communication andSoft skills	Skill development	AR-20
7	20AJMB107	Cross Cultural ManagementRural Innovation projects	Skill development	AR-20
8	20AJMB108	Business Communication and Sof skills Lab	t Skill development	AR-20
9	20AJMB109	Information Technology – Lab1(Spreadsheetand Tally)	Skill development	AR-20
10	20AJMB201	Financial Management	Skill development	AR-20
11	20AJMB202	Human Resource Management	Skills / Entrepreneurship	AR-20
12	20AJMB203	Marketing Management	Skills / Employability	AR-20
13	20AJMB204	Operations Management	Skill development	AR-20
14	20AJMB205	Business Research Methods	Skill development	AR-20
15	20AJMB206 Open Elective	Project Management Technology Management Lean Management Database Management System		AR-20
16		IT-lab 2(Programming R)	Skill development	AR-20
17	18AJMB2101	Strategic Management	Employability	AR-18
18	8 18AJMB2102	Legal Aspects of Business	Skill development	AR-18
19) 18AJMB2103	Business Ethics & Corporate Governance	Skill development	AR-18

0.4.13 (D21F1		Skill development	AR-18
	Leadership Management		AR-18
8AJMB21E2	Compensation and Reward	Employability	
8AJMB21E3	Performance Management	Employability	AR-18
18AJMB21E4	Strategic Human Resource	Skills / Employability	AR-18
	Management	Skill development	AR-18
18AJMB21E1	Security Analysis & Portfolio Management		AR-18
18AJMB21E2	Banking and Insurance	Skill development	
18AJMB21E3	Advance Management	Skill development	AR-18
18 A IMB21F4	Accounting Strategic Financial Management	Skill development	AR-18
		Skills / Entrepreneurship	AR-18
		Skills / Entrepreneurship	AR-18
			AR-18
18AJMB21E3	Management		AR-18
18AJMB21E4			
18AJMB2201	Logistic and Supply Chain	Skill development	AR-18
18AJMB2202	Entrepreneurship Development	Entrepreneurship	AR-18
18AJMB22E1	Organizational Development &	Skill development	AR-18
_		Skill development	AR-18
		Skill development	AR-18
		Skill development	AR-18
		Employability	AR-18
			AR-18
9 18AJMB22E2			AR-18
0 18AJMB22E3	Risk Management		AR-18
1 18AJMB22E4	Tax Management		
2 18AJMB22E1	Services Marketing		
3 18AJMB22E2	Promotional Distribution	Skills / Entrepreneurship	AR-18
4 18AJMB22E3	Management Global Marketing Management	Skills / Entrepreneurship	AR-18
	Olobar marketing		AR-18
	18AJMB21E4 18AJMB21E1 18AJMB21E2 18AJMB21E2 18AJMB21E3 18AJMB21E4 18AJMB21E1 18AJMB21E2 18AJMB21E3 18AJMB21E3 18AJMB21E3 18AJMB21E3 18AJMB21E3 18AJMB21E3 18AJMB21E3 18AJMB21E3 18AJMB21E3 18AJMB22E1 18AJMB22E2 18AJMB22E3 18AJMB22E1 18AJMB22E1 18AJMB22E3 18AJMB22E4 18AJMB22E2 <	8AJMB21E2 Compensation and Reward Management 8AJMB21E3 Performance Management 18AJMB21E4 Strategic Human Resource Management 18AJMB21E1 Security Analysis & Portfolio Management 18AJMB21E2 Banking and Insurance Management 18AJMB21E3 Advance Management Accounting 18AJMB21E4 Strategic Financial Management 18AJMB21E4 Strategic Financial Management 18AJMB21E3 Customer Relationship Management 18AJMB21E4 Strategic Human Resource Management 18AJMB21E3 Customer Relationship Management 18AJMB21E4 Strategic Human Resource Management 18AJMB21E4 Strategic Human Resource Management 18AJMB2201 Logistic and Supply Chain Management 18AJMB2202 Entrepreneurship Development & Change 18AJMB22E1 Organizational Development & Change 18AJMB22E3 Global HRM 18AJMB22E4 Labor Welfare & Legislation 18AJMB22E3 Risk Management 18AJMB22E4 Tax Management 18AJMB22E3 Risk Management 18AJMB22E4 Tax Management 18AJMB22E4 Services Marketing	8AJMB21E2 Compensation and Reward Management Employability 8AJMB21E3 Performance Management Employability 18AJMB21E4 Strategic Human Resource Management Skills / Employability 18AJMB21E1 Security Analysis & Portfolio Management Skill development 18AJMB21E2 Banking and Insurance Management Skill development 18AJMB21E3 Advance Management Accounting Skill development 18AJMB21E4 Strategic Financial Management Accounting Skills / Entrepreneurship 18AJMB21E4 Strategic Financial Management Skills / Entrepreneurship 18AJMB21E4 Consumer Behavior Skills / Entrepreneurship 18AJMB21E2 Retail Management Skills / Entrepreneurship 18AJMB21E4 Customer Relationship Management Skill development 18AJMB21E4 Strategic Human Resource Management Skill development 18AJMB21E4 Customer Relationship Management Skill development 18AJMB21E4 Dragnizational Development Skill development 18AJMB2201 Logistic and Supply Chain Skill development 18AJMB2222 Management Skill development 18AJMB2223 G

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<u>MASTER OF BUSINESS ADMINISTRATION</u> List of Employability/ Entrepreneurship/ Skill development courses offered in

A.Y: 2020-21 Regulation Activities/Content S.NoCourse Code Name of the course with a direct bearing on Employability/ Entrepreneurship/ Skill development AR-20 Skilldevelopment Management and Organizational 20AJMB101 1 Behavior AR-20 Skilldevelopment Managerial Economics 2 20AJMB102 AR-20 Skilldevelopment 3 20AJMB103 Accounting for Managers AR-20 Skilldevelopment Quantitative Analysis for Business 4 20AJMB104 Decisions AR-20 Employability Legal and Business Environment 5 20AJMB105 AR-20 Skill development Business 6 20AJMB106 Communication andSoft skills AR-20 Cross Cultural 20AJMB107 7 Skill development ManagementRural Innovation projects AR-20 Skill development Business Communication and Soft 8 20AJMB108 skills Lab AR-20 Skill development Information Technology -20AJMB109 9 Lab1(Spreadsheetand Tally) AR-20 Skill development Financial Management 20AJMB201 10 AR-20 Skills / Human Resource Management 11 20AJMB202 Entrepreneurship AR-20 Skills / Marketing Management 20AJMB203 12 Employability AR-20 Skill development **Operations Management** 20AJMB204 13 Skill development AR-20 Business Research Methods 20AJMB205 14 AR-20 Project Management 20AJMB206 15 Skill development Technology Management Lean Management Database Management System AR-20 Skill development IT-lab 2(Programmining R) 20AJMB207 16 AR-18 Employability Strategic Management 18AJMB2101 17 AR-18 Legal Aspects of Business Skill development 18AJMB2102 18 AR-18 Business Ethics & Corporate Skill development 18AJMB2103 19 Governance

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20	18AJMB21E1	Leadership Management	Skill development	AR-18
21	18AJMB21E2	Compensation and Reward Management	Employability ^	AR-18
22	18AJMB21E3	Performance Management	Employability	AR-18
23	18AJMB21E4	Strategic Human Resource Management	Skills / Employability	AR-18
24	18AJMB21E1	Security Analysis & Portfolio Management	Skill development	AR-18
25	18AJMB21E2	Banking and Insurance Management	Skill development	AR-18
26	18AJMB21E3	Advance Management Accounting	Skill development	AR-18
27	18AJMB21E4	Strategic Financial Management	Skill development	AR-18
28	18AJMB21E1	Consumer Behavior	Skills / Entrepreneurship	AR-18
29	18AJMB21E2	Retail Management	Skills / Entrepreneurship	AR-18
30	18AJMB21E3	Customer Relationship Management	Skills / Entrepreneurship	AR-18
31	18AJMB21E4	Strategic Human Resource Management	Skills / Entrepreneurship	AR-18
32	18AJMB2201	Logistic and Supply Chain Management	Skill development	AR-18
33	18AJMB2202	Entrepreneurship Development	Entrepreneurship	AR-18
34	18AJMB22E1	Organizational Development & Change	Skill development	AR-18
35	18AJMB22E2	Management	Skill development	AR-18
36	18AJMB22E3	Global HRM	Skill development	AR-18
37	18AJMB22E4	Labor Welfare & Legislation	Skill development	AR-18
38	18AJMB22E1	Financial Markets and Services	Employability	AR-18
39	18AJMB22E2	Global Financial Management	Employability	AR-18
40	18AJMB22E3	Risk Management	Employability	AR-18
41	18AJMB22E4	Tax Management	Employability	AR-18
42	18AJMB22E1	Services Marketing	Skills / Entrepreneurship	AR-18
43	18AJMB22E2	Promotional Distribution Management	Skills / Entrepreneurship	AR-18
44	18AJMB22E3	Global Marketing Management	Skills / Entrepreneurship	AR-18
45	18AJMB22E4	Supply Chain Management	Skills / Entrepreneurship	AR-18

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IQAC Coordinator Amrita Sai Institute of Science & Technology Amrita Sai Nagar, Paritala -521180



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A.Y: 2019-20

S.No	Course	Name of the course	Activities/Content	Regulation
	Code		with a direct	
			bearing	
			on Employability/ Entrep	
			Skilldevelopment	AR-18
1.	18AJMB1101	Principles of	Skill development	AK-10
2.	18AJMB1102	Management Managerial Economics	Skill development	AR-18
3.	18AJMB1102	Accounting for	Skill development	AR-18
		Managers		AR-18
4.	18AJMB1104	Managerial Communication & Soft skills	Skill development	
5.	18AJMB1105	Business Environment	Skill development	AR-18
6.	18AJMB1106	Quantitative Analysis for Business Decision	Skill development	AR-18
7.	18AJMB1107	IT – LAB	Skill development	AR-18
8. ·	18AJMB1201	Financial Management	Skill development	AR-18
9.	18AJMB1202	Human Resource Management	Skills / Employability	AR-18
10.	18AJMB1203	Marketing	Skills /	AR-18
		Management	Employability	
11.	18AJMB1204	Production and	Skill development	AR-18
	10/13/010 1204	Operations	Skill development	
		Management		
12.	18AJMB1205	Business Research	Skill development	AR-18
	101 101 1200	Methods	F	
13.	18AJMB1206	Organizational	Skill development	AR-18
	10/15/12/00	Behavior	Skill development	
14.	18AJMB1207	Mini Project *	Skill development	AR-18
15.	10/10/10/1207	Seminar on Mini	Skill development	. AR-18
		Project		
16.	18AJMB2101	Strategic Management	Employability	AR-18
17.	18AJMB2102	Legal Aspects of Business	Skill development	AR-18
18.	18AJMB2103	Business Ethics & Corporate Governance	Skill development	AR-18
19.	18AJMB21E1	Leadership	Skill development	AR-18
		Management		
20.	18AJMB21E2	Compensation and	Employability .	AR-18
			Linployuonity	AIX-10
	104 0 (00100	Reward Management	D 1 199	
21.	18AJMB21E3	Performance	Employability	AR-18
		Management		
22.	18AJMB21E4	Strategic Human	Skills / Employability	AR-18
		Resource Management		
23.	18AJMB21E1	Security Analysis &	Skill development	AR-18
20.		Security Analysis &	sam development	AK-10

		Portfolio Management		*
24.	18AJMB21E2	Banking and Insurance Management	Skill development	AR-18
25.	18AJMB21E3	Advance Management Accounting	Skill development	AR-18
26.	18AJMB21E4	Strategic Financial Management	Skill development	AR-18
27.	18AJMB21E1	Consumer Behavior	Skills / Entrepreneurship	AR-18
28.	18AJMB21E2	Retail Management	Skills / Entrepreneurship	AR-18
29.	18AJMB21E3	Customer Relationship Management	Skills / Entrepreneurship	AR-18
30.	18AJMB21E4	Strategic Human Resource Management	Skills / Entrepreneurship	AR-18
31.	18AJMB2201	Logistic and Supply Chain Management	Skill development	AR-18
32.	18AJMB2202	Entrepreneurship Development	Enfrepreneurship	AR-18
33.	18AJMB22E1		Skill development	AR-18
34.	18AJMB22E2		Skill development	AR-18
35.	18AJMB22E3	Global HRM	Skill development	AR-18
36.	18AJMB22E4	Labor Welfare & Legislation	Skill development	AR-18
37.	18AJMB22E1		Employability	AR-18
38.	18AJMB22E2	Global Financial Management	Employability	AR-18
39.	18AJMB22E3	Risk Management	Employability	AR-18
40.	18AJMB22E4	Tax Management	Employability	AR-18
41.	18AJMB22E1	Services Marketing	Skills / Entrepreneurship	AR-18
42.	18AJMB22E2	Promotional Distribution Management	Skills / Entrepreneurship	AR-18
43.	18AJMB22E3	Management	Skills / Entrepreneurship	AR-18
44.	18AJMB22E4	Supply Chain Management	Skills / Entrepreneurship	AR-18

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MASTER OF BUSINESS ADMINISTRATION List of Employability/ Entrepreneurship/ Skill development courses offered in

		Δ .Y: 201	18-19	
S.No Course Code		Name of the course	Activities/Content with a direct bearing	Regulation
			on Employability/ Entrepreneurship/ Skill development	
1,	18AJMB1101	Principles of Management	Skill development	AR-18
2.	18AJMB1102	Managerial Economics	Skill development	AR-18
3.	18AJMB1103	Accounting for Managers	Skill development	AR-18
4.	18AJMB1104	Managerial Communication & Soft skills		, AR-18
5.	18AJMB1105	Business Environment	Skill development	• AR-18
6.	18AJMB1106	Quantitative Analysis for Business Decision	Skill development	AR-18
7.	18AJMB1107	IT – LAB	Skill development	AR-18
8.	18AJMB1201	Financial Management	Skill development	AR-18
9.	18AJMB1202	Human Resource Management	Skills / Employability	AR-18
10.	18AJMB1203	Marketing Management	Skills / Employability	AR-18
11.	18AJMB1204	Production and Operations Management	Skill development	AR-18
12.	18AJMB1205	Business Research Methods	Skill development	AR-18
13.	18AJMB1206	Organizational Behavior	Skill development	AR-18
14.	18AJMB1207	Mini Project *	Skill development	AR-18
15.		Seminar on Mini Project	Skill development	AR-18
16.	18AJMB2101	Strategic Management	Employability	AR-18
17.	18AJMB2102	Legal Aspects of Business	Skill development	AR-18
18.	18AJMB2103	Business Ethics & Corporate Governance	Skill development	AR-18
19.	18AJMB21E1	Leadership Management	Skill development	AR-18
20.	18AJMB21E2	Compensation and Reward Management	Employability	AR-18
21.	18AJMB21E3	Performance Management	Employability	AR-18
22.	18AJMB21E4	Strategic Human Resource Management	Skills / Employability	AR-18

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23.	18AJMB21E1	Security Analysis &	Skill development	AR-18
24.	18AJMB21E2	Portfolio Management Banking and Insurance	Skill development	AR-18
		Management		AR-18
25.	18AJMB21E3	Advance Management	Skill development	AK-10
	I AL D (DALD)	Accounting		AR-18
26.	18AJMB21E4	Strategic Financial Management	Skill development	
27.	18AJMB21E1	Consumer Behavior	Skills / Entrepreneurship	AR-18
28.	18AJMB21E2	Retail Management	Skills / Entrepreneurship	AR-18
29.	18AJMB21E3	Customer Relationship Management	Skills / Entrepreneurship	AR-18
30.	18AJMB21E4	Strategic Human	Skills / Entrepreneurship	* AR-18
		Resource Management		
31.	18AJMB2201	0	Skill development	AR-18
32.	18AJMB2202		Entrepreneurship	AR-18
33.	18AJMB22E1		Skill development .	AR-18
34.	18AJMB22E2	Management	Skill development	AR-18
35.	18AJMB22E3	Global HRM	Skill development	AR-18
36.	18AJMB22E4		Skill development	AR-18
37.	18AJMB22E1		Employability	AR-18
38.	18AJMB22E2		Employability	• AR-18
39.	18AJMB22E3	Risk Management	Employability	• AR-18
40.	18AJMB22E4		Employability	AR-18
41.	18AJMB22E1	Services Marketing	Skills / Entrepreneurship	AR-18
42.	18AJMB22E2	Promotional Distribution Management	Skills / Entrepreneurship	AR-18
43.	18AJMB22E3	Global Marketing Management	Skills / Entrepreneurship	AR-18
44.	18AJMB22E4	Supply Chain Management	Skills / Entrepreneurship	AR-18

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<u>HEALTH CARE AND HOSPITAL MANAGEMENT</u> List of Employability/ Entrepreneurship/ Skill development courses offered in <u>A.Y: 2022-23</u>

S.N	No Course Cod	e Name of the course	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development	Regulation
1.	22MH1T1	Basic biological sciences	Skilldevelopment	AR-22
2.		Organizational Behaviour	Skilldevelopment	AR-22
3.		Human resource management	Skilldevelopment	AR-22
4.		Purchasing management and inventory control	Skilldevelopment	AR-22
5.		Hospital and patient relation management	Entrepreneurship	AR-22
6.	22MH1T6	Medical insurance	Employability	AR-22
7.	22MH1T8	Communications skills and business correspondence	Skill development	AR-22
8.	22MH2T1	Marketing Management	Skill / Entrepreneurship	AR-22
	22MH2T2	Strategic Management for Hospitals	Employability	AR-22
	22MH2T3	Biostatistics And Operation research	Skilldevelopment *	AR-22
	22MH2T4	Hospital Architecture Planning design & maintenance	Employability	AR-22
	22MH2T5	Clinical services	Employability	AR-22
13.	22MH2T6	Hospital support services	Employability	AR-22
	22MH2T7	Epidemiology public health systems	Employability	AR-22
	22MH2T8	Research methodology	Employability	AR-22
	22MH2T9	Practical-Hospital Internship 30 days of field visit report	Skilldevelopment	AR-22
	2MH3TI	Hospital information systems	Employability	AR-22
18.2	2MH3T2	Health care Low and Ethics	Skilldevelopment ·	AR-22
19.2	2МН3Т3	Networking	Skilldevelopment	AR-22
20.2	2MH3T4	Quality Management & Hospital Accreditation systems	Skilldevelopment	AR-22

21.22MH3T5	Management of super speciality system	Employability	AR-22
22.22MH3T6	Housekeeping management and dictary system	Employability	AR-22
23.22MH3T7	Medical Records management	Employability	AR-22
24. 22MH3T8	Hospital front office management	Employability	AR-22
25.22MH3T9	Summer project work	Skilldevelopment	AR-22
26. 22MH3T10	Seminar(Emerging trend in management-case study analysis and seminar)	Skill development	AŘ-22
27.22MH4T1	Project work	Skilldevelopment	AR-22

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