



**MAHATMA GANDHI INSTITUTE OF TECHNOLOGY**  
**ACADEMIC & EXAMINATIONS SECTION**

Ref. MGIT/AES/2020-21/ B-34/

Date: 15.02.2021

**CIRCULAR**

As per the JNTUH Letter No. EB/368/2021, dated: 11.02.2021 received from the Director of Evaluation, JNTUH, Hyderabad, the students who completed specified number of supplementary attempts in addition to one regular attempt need to write the supply exam in the subjects of subsequent regulations, if the syllabus variations are not much. Accordingly question papers of the subjects of B.Tech (R13 & R15 regulations) and M.Tech.(R17 regulations) which fulfil the above conditions are listed in the **Annexure-I**. The question papers for these subjects shall not be issued during the forthcoming University exams. Instead, the candidates who register for any of the subjects need to write the supplementary exams in the new equivalent subject offered in successive regulations. The mapping list of new subjects to each old subject is given in the Annexure-I.

All the concerned students are informed to note the above change without fail.

PRINCIPAL

Copy to:

- 1) P.A. to Principal for information
- 2) All HoDs – to circulate among students concerned
- 3) MGIT Website

**ANNEXURE - I**

**List of equivalent subjects from May/June-2019 onwards**

**B.Tech II-I R13, R15 - R18**

Subject Studied							Subject for which the candidate has to appear for University Exam				
S.No	REGULATION_NAME	YEAR	SEMESTER	BRANCH	SUBJECT_CODE	SUBJECT_NAME	Regulation	YEAR	SEMESTER	Branch Name	SUBJECT_NAME
1	R13 & R15	2	1	CHEM	123BH	CHEMICAL PROCESS CALCULATIONS	R18	2	1	PTM	CHEMICAL PROCESS CALCULATIONS
2	R13 & R15	2	1	PTM	123CP	GENERAL GEOLOGY	R18	2	1	PTM	GENERAL GEOLOGY
3	R13 & R15	2	1	ME MCT MMT MEP AE AME	123AC	MECHANICS OF SOLIDS	R18	2	1	ME MCT MIE	MECHANICS OF SOLIDS
4	R13 & R15	2	1	MCT	123CC	THERMAL SCIENCE	R18	2	1	MCT	THERMAL SCIENCE

**ANNEXURE - I**

**List of equivalent subjects from May/June-2019 onwards**

**B.Tech II-I R13, R15 - R16**

**Subject Studied**

**Subject for which the candidate has to appear for University Exam**

S.No	REGULATION	YEAR	SEMESTER	BRANCH	SUBJECT_CODE	SUBJECT_NAME	Regulation	YEAR	MESE	SUBJECT_CODE	Branch Name	SUBJECT_NAME
1	R13 & R15	2	1	MIE	123CM	Development of mineral Deposits	R16	2	1	133AH	MIE	Development of mineral Deposits
2	R13 & R15	2	1	BME, EIE, ECE, ETM, ICE	123AW	Signals and Systems	R16	2	1	133BR	BME, EIE	Signals and Systems
3	R13 & R15	2	1	ECM, ECE, ETM	123BT	Probability Theory and Stochastic Processes	R16	2	1	133BP	ECM	Probability Theory and Stochastic Processes
4	R13 & R15	2	1	EEE, ECE, CSE, MCT, ECM, EIE, BME IT,	123AU	Electronic Devices and Circuits	R16	2	1	133AR	EIE, BME	Electronic Devices and Circuits
5	R13 & R15	2	1	PTM	123CR	Elements of Mechanical Engineering	R16	2	1	133AT	PTM	Elements of Mechanical Engineering
6	R13 & R15	2	1	ME MCT, AME MEP, MIM	123AQ	Metallurgy and Material Science	R16	2	1	133BG	ME, MCT, AME, MSNT	Metallurgy and Material Science
7	R13 & R15	2	1	ECM	123CA	Java Programming	R16	2	1	133BA	ECM	Java Programming

**ANNEXURE - I**

**List of equivalent subjects from Dec/Jan 2020 onwards**

**B.Tech II-II R13, R15 - R18**

Subject Studied							Subject for which the candidate has to appear for University Exam				
S.No	REGULATION_NAME	YEAR	SEMESTER	BRANCH	SUBJECT_CODE	SUBJECT_NAME	Regulation	YEAR	SEMESTER	Branch Name	SUBJECT_NAME
1	R13 & R15	2	2	CE CEE	124CK	BUILDING MATERIALS, CONSTRUCTION AND PLANNING	R18	2	2	CE	BUILDING MATERIALS, CONSTRUCTION AND PLANNING
2	R13 & R15	2	2	CHEM PTM	124CM	CHEMICAL ENGINEERING FLUID MECHATRONICS	R18	2	2	PTM	CHEMICAL ENGINEERING FLUID MECHATRONICS
3	R13 & R15	2	2	MCT	124AT	FLUID MECHANICS AND HEAT TRANSFER	R18	2	2	MCT	FLUID MECHANICS AND HEAT TRANSFER
4	R13 & R15	2	2	PTM	124ACA	PETROLEUM GEOLOGY	R18	2	2	PTM	PETROLEUM GEOLOGY
5	R13 & R15	2	2	PTM	124BZ	PROCESS HEAT TRANSFER	R18	2	2	PTM	PROCESS HEAT TRANSFER

**ANNEXURE - I**  
**List of equivalent subjects from May/June-2019 onwards**

**B.Tech II-II R13, R15 - R16**

Subject Studied							Subject for which the candidate has to appear for University Exam				
S.No	REGULATION_NAME	YEAR	SEMESTER	BRANCH	SUBJECT_CODE	SUBJECT_NAME	Regulation	YEAR	SEMESTER	Branch Name	SUBJECT_NAME
1	R13&R15	2	2	AME MSNT	124DM	PRODUCTION TECHNOLOGY	R16	2	2	AME MSNT ME	PRODUCTION TECHNOLOGY
2	R13&R15	2	2	ETM	124AU	ANALOG COMMUNICATIONS	R16	2	2	ECE ETM	ANALOG COMMUNICATIONS
3	R13&R15	2	2	ECE EIE ETM ECOMPE	124CV	ELECTRONIC CIRCUIT ANALYSIS	R16	2	2	ECOMPE EIE	ELECTRONIC CIRCUIT ANALYSIS
4	R13&R15	2	2	ME MCT AME MEP MENT	124DA	MACHINE DRAWING	R16	2	2	ME	MACHINE DRAWING
5	R13&R15	2	2	MCT	124AT	FLUID MECHANICS AND HEAT TRANSFER	R16	2	2	MCT	FLUID MECHANICS AND HEAT TRANSFER
6	R13&R15	2	2	PTM	124CA	PETROLEUM GEOLOGY	R16	2	2	PTM	PETROLEUM GEOLOGY
7	R13&R15	2	2	CHEM PTM	124CM	CHEMICAL ENGG FLUID MECHANICS	R16	2	2	PTM	CHEMICAL ENGG FLUID MECHANICS
8	R13&R15	2	2	PTM	124BZ	PROCESS HEAT TRANSFER	R16	2	2	PTM	PROCESS HEAT TRANSFER
9	R13&R15	2	2	CE CEE	124CK	BUILDING MATERIALS, CONSTRUCTION AND PLANNING	R16	2	2	CEE	BUILDING MATERIALS, CONSTRUCTION AND PLANNING

**ANNEXURE - I**

SUBJECT STUDIED						SUBJECT FOR WHICH THE CANDIDATE HAS TO APPEAR FOR UNIVERSITY EXAM				
S.NO	REG	YEA R	SEM EST ER	BRANCH_C ODE	SUBJECT NAME	REG	YEA R	SEM	BRANCH CODE	SUBJECT NAME
1	R13/R15	3	1	ECE, ETM	COMPUTER ORGANIZATION AND OPERATING SYSTEMS	R18	III	I	ECE	COMPUTER ORGANIZATION AND OPERATING SYSTEMS
2	R13/R15	3	1	CE, CEE	CONCRETE TECHNOLOGY	R18	III	I	CE	CONCRETE TECHNOLOGY (Professional Elective - I)
3	R13/R15	3	1	ECE	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	R18	III	I	ECE	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION
4	R13/R15	3	1	CE, CEE	GEOTECHNICAL ENGINEERING	R18	III	I	CE	GEOTECHNICAL ENGINEERING
5	R13/R15	3	1	CE, CEE, CSE	INTELLECTUAL PROPERTY RIGHTS	R18	III	I	AE, CE, CSE, EEE, ECE, EIE, IT, MCT, ME, MIE, MMT , PTM	INTELLECTUAL PROPERTY RIGHTS
6	R13/R15	3	1	MCT, MSNT	PRINCIPLES OF MACHINE DESIGN	R18	III	I	MCT	PRINCIPLES OF MACHINE DESIGN
7	R13/R15	3	1	CSE, IT/CST, ECM	SOFTWARE ENGINEERING	R18	III	I	CSE, IT	SOFTWARE ENGINEERING
8	R13/R15	3	1	PTM	THERMODYNAMICS FOR PETROLEUM ENGINEERS	R18	III	I	PTM	THERMODYNAMICS FOR PETROLEUM ENGINEERS

**ANNEXURE - I**

SUBJECT STUDIED						SUBJECT FOR WHICH THE CANDIDATE HAS TO APPEAR FOR UNIVERSITY EXAM				
S.NO	REG	YE AR	SEM ESTE R	BRANCH _CODE	SUBJECT NAME	REG	YEA R	SEM	BRANCH CODE	SUBJECT NAME
1	R13/R15	3	1	MCT	FINITE ELEMENT TECHNIQUES	R16	III	I	MCT	FINITE ELEMENT TECHNIQUES
2	R13/R15	3	1	MSNT	THERMAL ENGINEERING	R16	III	I	MSNT	THERMAL ENGINEERING
3	R13/R15	3	1	ME	MACHINE TOOLS	R16	III	I	MSNT	MACHINE TOOLS
4	R13/R15	3	1	CSE	SOFTWARE ENGINEERING	R16	III	I	CSE, ECM, IT	SOFTWARE ENGINEERING
5	R13/R15	3	1	ECM	PRINCIPLES OF COMMUNICATIONS	R16	III	I	ECM, BME	PRINCIPLES OF COMMUNICATIONS
6	R13/R15	3	1	ECE	LINEAR AND DIGITAL IC APPLICATIONS	R16	III	I	ECE, BME, ECM, EIE, ETE	LINEAR AND DIGITAL IC APPLICATIONS
7	R13/R15	3	1	EEE	POWER SYSTEMS-II	R16	III	I	EEE	POWER SYSTEMS-II
8	R13/R15	3	1	MSNT	THERMAL ENGINEERING	R16	III	I	MSNT	THERMAL ENGINEERING
9	R13/R15	3	1	PTE	THERMODYNAMICS FOR PETROLEUM ENGINEERS	R16	III	I	PTE	THERMODYNAMICS FOR PETROLEUM ENGINEERS

**ANNEXURE - I**

SUBJECT STUDIED						SUBJECT FOR WHICH THE CANDIDATE HAS TO APPEAR FOR UNIVERSITY EXAM				
S.NO	REG	YE AR	SE ME ST ER	BRANCH NAME	SUBJECT NAME	REG	YEA R	SEM	BRANCH_NAME	SUBJECT NAME
1	R13/R15	3	2	BME	BIOFLUID MECHANICS	R16	III	II	BME	BIOFLUID MECHANICS
2	R13/R15	3	2	AME, MCT	CAD/CAM	R16	III	II	AME, MCT	CAD/CAM
3	R13/R15	3	2	ME, AE, MEP, MSNT	FINITE ELEMENT METHODS	R16	III	II	ME, AE, MSNT	FINITE ELEMENT METHODS
4	R13/R15	3	2	CSE, IT	WEB TECHNOLOGIES	R16	III	II	CSE, IT	WEB TECHNOLOGIES
5	R13/R15	3	2	PTE	PIPELINE ENIGNEERING	R16	III	II	PTE	PIPELINE ENIGNEERING
6	R13/R15	3	2	CSE, IT	SOFTWARE TESTING METHODOLOGIES	R16	III	II	CSE, IT	SOFTWARE TESTING METHODOLOGIES
7	R13/R15	3	2	AME, MCT, MEP, MIE, MIM	INDUSTRIAL MANAGEMENT	R16	III	II	MCT	INDUSTRIAL MANAGEMENT
8	R13/R15	3	2	CSE, IT	OBJECT ORIENTED ANALYSIS AND DESIGN	R16	III	II	IT	OBJECT ORIENTED ANALYSIS AND DESIGN
9	R13/R15	3	2	ECE, ETM, ICE	VLSI DESIGN	R16	III	II	BME	VLSI DESIGN
10	R13/R15	3	2	AE, AGN, AME, BME, BT, CHEM, ECE, EGM	INTELLECTUAL PROPERTY RIGHTS	R16	III	II	CE, CEE	INTELLECTUAL PROPERTY RIGHTS
11	R13/R15	3	2	AME, MCT, MEP, MIE, MIM	INDUSTRIAL MANAGEMENT	R16	III	II	MCT	INDUSTRIAL MANAGEMENT
12	R13/R15	3	2	CSE, IT	SOFTWARE TESTING METHODOLOGIES	R16	III	II	CSE, IT	SOFTWARE TESTING METHODOLOGIES



**ANNEXURE - III**  
**(List of Equivalent Subjects from May - 2021 onwards)**

**M.TECH I SEMESTER (Regular)**

Subject Studied						Subject for which has to appear for University Exam					
R17						R19					
S. No	REGULATION	YEAR	SEMESTER	SUBJECT NAME (R17)	BRANCH NAME	REGULATION	YEAR	SEMESTER	SUBJECT NAME (R19)	BRANCH NAME	Remarks
1	R17	1	1	ADVANCED CAD	CAD-CAM	R19	1	1	ADVANCED CAD	CAD-CAM	Equivalent
2	R17	1	1	ADVANCED COMPUTER AIDED DESIGN	DESIGN FOR MANUFACTURING - DESIGN AND MANUFACTURING	R19	1	1	ADVANCED COMPUTER AIDED DESIGN	DESIGN FOR MANUFACTURING - DESIGN AND MANUFACTURING	Equivalent
3	R17	1	1	ADVANCED COMPUTER ARCHITECTURE	DECE - DECS, ES, ECE	R19	1	1	ADVANCED COMPUTER ARCHITECTURE	EMBEDDED SYS & VLSI DESIGN - VLSI AND EMBEDDED SYS - ELECTRONICS DESIGN TECH	Equivalent
					EMBEDDED SYSTEMS					EMBEDDED SYSTEMS	
					EMBEDDED SYS & VLSI DESIGN - VLSI AND EMBEDDED SYS					VLSI - VLSI DESIGN - VLSI SYSTEM DESIGN	
					VLSI - VLSI DESIGN - VLSI SYSTEM DESIGN					VLSI - VLSI DESIGN - VLSI SYSTEM DESIGN	
4	R17	1	1	ADVANCED CONCRETE TECHNOLOGY	TRANSPORTATION ENGINEERING HIGHWAY ENGINEERING	R19	1	1	ADVANCED CONCRETE TECHNOLOGY	TRANSPORTATION ENGINEERING	Equivalent
5	R17	1	1	ADVANCED DIGITAL SYSTEM DESIGN	DECE-DECS	R19	1	1	ADVANCED DIGITAL SYSTEM DESIGN	DECE - DECS	Equivalent
					DSCE					ELECTRONICS AND COMMUNICATION ENGINEERING	
					VLSI - VLSI DESIGN - VLSI SYSTEM DESIGN						
6	R17	1	1	ADVANCED HEAT TRANSFER	HEATING VENTILATION AND AIR CONDITIONING	R19	1	1	ADVANCED HEAT TRANSFER	THERMAL ENGINEERING	Equivalent

**ANNEXURE - III**  
**(List of Equivalent Subjects from May - 2021 onwards)**

**M.TECH I SEMESTER (Regular)**

Subject Studied						Subject for which has to appear for University Exam					
R17						R19					
S. No	REGULATION	YEAR	SEMESTER	SUBJECT NAME (R17)	BRANCH NAME	REGULATION	YEAR	SEMESTER	SUBJECT NAME (R19)	BRANCH NAME	Remarks
7	R17	1	1	ADVANCED MICROPROCESSORS	CONTROL ENGINEERING - CONTROL SYSTEMS	R19	1	1	ADVANCED MICROPROCESSORS	CONTROL ENGINEERING - CONTROL SYSTEMS	Equivalent
8	R17	1	1	APPLIED INDUSTRIAL PNEUMATICS	MECHATRONICS	R19	1	1	APPLIED INDUSTRIAL PNEUMATICS	MECHATRONICS	Equivalent
9	R17	1	1	APPLIED STATISTICS	GEOTECHNICAL ENGINEERING	R19	1	1	APPLIED STATISTICS	GEOTECHNICAL ENGINEERING	Equivalent
10	R17	1	1	BIOMEDICAL SIGNAL PROCESSING	SYSTEMS AND SIGNAL PROCESSING	R19	1	1	BIOMEDICAL SIGNAL PROCESSING	SYSTEMS AND SIGNAL PROCESSING	Equivalent
11	R17	1	1	CMOS ANALOG INTEGRATED CIRCUIT DESIGN	EMBEDDED SYS & VLSI DESIGN - VLSI AND EMBEDDED SYS	R19	1	1	CMOS ANALOG INTEGRATED CIRCUIT DESIGN	DIGITAL SYSTEMS & COMPUTER ELECTRONICS	Equivalent
					VLSI - VLSI DESIGN - VLSI SYSTEM DESIGN						
12	R17	1	1	CODING THEORY AND TECHNIQUES	DECE - DECS	R19	1	1	CODING THEORY AND TECHNIQUES	COMMUNICATION SYSTEMS	Equivalent
					ELECTRONICS AND COMMUNICATION ENGINEERING					DECE - DECS	
					WIRELESS AND MOBILE COMMUNICATIONS					ELECTRONICS AND COMMUNICATION ENGINEERING	
					WIRELESS AND MOBILE COMMUNICATIONS					SYSTEMS AND SIGNAL PROCESSING	
13	R17	1	1	COMPUTER AIDED MANUFACTURING (send AMS R17 Syllabus)	ADVANCED MANUFACTURING SYSTEMS	R19	1	1	COMPUTER AIDED MANUFACTURING	CAD-CAM	Equivalent
					CAD-CAM						

ANNEXURE - III (List of Equivalent Subjects from May - 2021 onwards)											
M.TECH I SEMESTER (Regular)											
Subject Studied						Subject for which has to appear for University Exam					
R17						R19					
S. No	REGULATION	YEAR	SEMESTER	SUBJECT NAME (R17)	BRANCH NAME	REGULATION	YEAR	SEMESTER	SUBJECT NAME (R19)	BRANCH NAME	Remarks
14	R17	1	1	COMPUTER AIDED PROCESS PLANNING	CAD-CAM	R19	1	1	COMPUTER AIDED PROCESS PLANNING	CAD-CAM	Equivalent
15	R17	1	1	CONSTRUCTION ENGINEERING PRACTICES	CONSTRUCTION MANAGEMENT	R19	1	1	CONSTRUCTION ENGINEERING PRACTICES	CONSTRUCTION MANAGEMENT	Equivalent
16	R17	1	1	CONSTRUCTION METHODS AND EQUIPMENT	CONSTRUCTION MANAGEMENT	R19	1	1	CONSTRUCTION METHODS AND EQUIPMENT	CONSTRUCTION MANAGEMENT	Equivalent
17	R17	1	1	CONTROL SYSTEMS	MECHATRONICS	R19	1	1	CONTROL SYSTEMS	CONTROL ENGINEERING - CONTROL SYSTEMS	Equivalent
18	R17	1	1	DESIGN FOR MANUFACTURING & ASSEMBLY (Send R17 Syllabus)	ENGINEERING DESIGN	R19	1	1	DESIGN FOR MANUFACTURING & ASSEMBLY	ENGINEERING DESIGN	Equivalent
					ADVANCED MANUFACTURING SYSTEMS					MACHINE DESIGN	
					DESIGN FOR MANUFACTURING - DESIGN AND MANUFACTURING					ADVANCED MANUFACTURING SYSTEMS	
					PRODUCTION ENGINEERING					DESIGN FOR MANUFACTURING - DESIGN AND MANUFACTURING	
										PRODUCTION ENGINEERING	
	COMMUNICATION SYSTEMS	R19	1	1	DETECTION AND ESTIMATION	COMMUNICATION SYSTEMS					
	ELECTRONICS AND COMMUNICATION ENGINEERING					MICROWAVE AND RADAR ENGINEERING					

**ANNEXURE - III**  
**(List of Equivalent Subjects from May - 2021 onwards)**

**M.TECH I SEMESTER (Regular)**

Subject Studied						Subject for which has to appear for University Exam					
R17						R19					
S. No	REGULATION	YEAR	SEMESTER	SUBJECT NAME (R17)	BRANCH NAME	REGULATION	YEAR	SEMESTER	SUBJECT NAME (R19)	BRANCH NAME	Remarks
19	R17	1	1	DETECTION AND ESTIMATION THEORY	MICROWAVE AND RADAR ENGINEERING	R19	1	1	DETECTION AND ESTIMATION THEORY	SYSTEMS AND SIGNAL PROCESSING	Equivalent
					WIRELESS AND MOBILE COMMUNICATIONS					WIRELESS AND MOBILE COMMUNICATIONS	
20	R17	1	1	DIGITAL INSTRUMENTATION	ELECTRONICS & INSTRUMENTATION	R19	1	1	DIGITAL INSTRUMENTATION	ELECTRONICS & INSTRUMENTATION	Equivalent
21	R17	1	1	DSP PROCESSOR ARCHITECTURE AND APPLICATIONS	CONTROL ENGINEERING - CONTROL SYSTEMS	R19	1	1	DSP PROCESSOR ARCHITECTURE AND APPLICATIONS	CONTROL ENGINEERING - CONTROL SYSTEMS	Equivalent
22	R17	1	1	ELECTRONIC SYSTEM DESIGN	ELECTRONICS & INSTRUMENTATION	R19	1	1	ELECTRONIC SYSTEM DESIGN	ELECTRONICS & INSTRUMENTATION	Equivalent
23	R17	1	1	EMBEDDED SYSTEMS DESIGN	ELECTRONICS & INSTRUMENTATION	R19	1	1	EMBEDDED SYSTEMS DESIGN	DIGITAL SYSTEMS & COMPUTER ELECTRONICS	Equivalent
					EMBEDDED SYS & VLSI DESIGN - VLSI AND EMBEDDED SYS						
					EMBEDDED SYSTEMS						
					VLSI - VLSI DESIGN - VLSI SYSTEM DESIGN						
24	R17	1	1	ESTIMATION OF SIGNAL AND SYSTEMS	CONTROL ENGINEERING - CONTROL SYSTEMS	R19	1	1	ESTIMATION OF SIGNAL AND SYSTEMS	CONTROL ENGINEERING - CONTROL SYSTEMS	Equivalent
25	R17	1	1	FORMWORK AND SCAFFOLDING DESIGN	CONSTRUCTION MANAGEMENT	R19	1	1	FORMWORK AND SCAFFOLDING DESIGN	CONSTRUCTION MANAGEMENT	Equivalent

**ANNEXURE - III**  
**(List of Equivalent Subjects from May - 2021 onwards)**

**M.TECH I SEMESTER (Regular)**

Subject Studied						Subject for which has to appear for University Exam					
R17						R19					
S. No	REGULATION	YEAR	SEMESTER	SUBJECT NAME (R17)	BRANCH NAME	REGULATION	YEAR	SEMESTER	SUBJECT NAME (R19)	BRANCH NAME	Remarks
26	R17	1	1	GEO-TECHNICS FOR INFRASTRUCTURE	CONSTRUCTION MANAGEMENT INFRASTRUCTURE ENGINEERING	R19	1	1	GEO-TECHNICS FOR INFRASTRUCTURE	CONSTRUCTION MANAGEMENT INFRASTRUCTURE ENGINEERING	Equivalent
27	R17	1	1	HARDWARE AND SOFTWARE CO-DESIGN	VLSI - VLSI DESIGN - VLSI SYSTEM DESIGN EMBEDDED SYS & VLSI DESIGN - VLSI AND EMBEDDED SYS	R19	1	1	HARDWARE AND SOFTWARE CO-DESIGN	VLSI - VLSI DESIGN - VLSI SYSTEM DESIGN	Equivalent
28	R17	1	1	IMAGE AND VIDEO PROCESSING	DECE-DECS DSCE	R19	1	1	IMAGE AND VIDEO PROCESSING	SYSTEMS AND SIGNAL PROCESSING	Equivalent
29	R17	1	1	INDUSTRIAL ELECTRICAL & ELECTRONICS	MECHATRONICS	R19	1	1	INDUSTRIAL ELECTRICAL & ELECTRONICS	MECHATRONICS	Equivalent
30	R17	1	1	INFRASTRUCTURE VALUATION	CONSTRUCTION MANAGEMENT	R19	1	1	INFRASTRUCTURE VALUATION	CONSTRUCTION MANAGEMENT	Equivalent
31	R17	1	1	INSTRUMENTATION & SENSOR TECHNOLOGY	MECHATRONICS	R19	1	1	INSTRUMENTATION & SENSOR TECHNOLOGY	MECHATRONICS	Equivalent
32	R17	1	1	INSTRUMENTATION AND CONTROL	CONTROL ENGINEERING - CONTROL SYSTEMS	R19	1	1	INSTRUMENTATION AND CONTROL	CONTROL ENGINEERING - CONTROL SYSTEMS	Equivalent
33	R17	1	1	INTEGRATED WATER RESOURCES MANAGEMENT	CONSTRUCTION MANAGEMENT INFRASTRUCTURE ENGINEERING	R19	1	1	INTEGRATED WATER RESOURCES MANAGEMENT	CONSTRUCTION MANAGEMENT	Equivalent
34	R17	1	1	INTELLIGENT CONTROL	CONTROL ENGINEERING - CONTROL SYSTEMS	R19	1	1	INTELLIGENT CONTROL	CONTROL ENGINEERING - CONTROL SYSTEMS	Equivalent

**ANNEXURE - III  
(List of Equivalent Subjects from May - 2021 onwards)**

**M.TECH I SEMESTER (Regular)**

Subject Studied					Subject for which has to appear for University Exam						
R17					R19						
S. No	REGULATION	YEAR	SEMESTER	SUBJECT NAME (R17)	BRANCH NAME	REGULATION	YEAR	SEMESTER	SUBJECT NAME (R19)	BRANCH NAME	Remarks
35	R17	1	1	MICROWAVE COMPONENTS AND MEASUREMENTS	MICROWAVE AND RADAR ENGINEERING	R19	1	1	MICROWAVE COMPONENTS AND MEASUREMENTS	MICROWAVE AND RADAR ENGINEERING	Equivalent
36	R17	1	1	MICROWAVE COMPONENTS AND MEASUREMENTS	MICROWAVE AND RADAR ENGINEERING	R19	1	1	MICROWAVE COMPONENTS AND MEASUREMENTS	MICROWAVE AND RADAR ENGINEERING	Equivalent
37	R17	1	1	MOBILE APPLICATION SECURITY	SOFTWARE ENGINEERING	R19	1	1	MOBILE APPLICATION SECURITY	SOFTWARE ENGINEERING	Equivalent
38	R17	1	1	MODERN CONTROL THEORY	CONTROL ENGINEERING - CONTROL SYSTEMS	R19	1	1	MODERN CONTROL THEORY	CONTROL ENGINEERING - CONTROL SYSTEMS	Equivalent
										PE - PID - PEED	
										POWER & ENERGY SYSTEMS	
39	R17	1	1	OPTICAL COMMUNICATIONS AND NETWORKS	DECE - DECS	R19	1	1	OPTICAL COMMUNICATIONS AND NETWORKS	DECE - DECS	Equivalent
					MICROWAVE AND RADAR ENGINEERING					ELECTRONICS AND COMMUNICATION ENGINEERING	
40	R17	1	1	PAVEMENT MATERIAL CHARACTERIZATION	HIGHWAY ENGINEERING	R19	1	1	PAVEMENT MATERIAL CHARACTERIZATION	HIGHWAY ENGINEERING	Equivalent
					TRANSPORTATION ENGINEERING					TRANSPORTATION ENGINEERING	Equivalent
41	R17	1	1	PROCESS MODELING AND SIMULATION	CONTROL ENGINEERING - CONTROL SYSTEMS	R19	1	1	PROCESS MODELING AND SIMULATION	CONTROL ENGINEERING - CONTROL SYSTEMS	Equivalent
42	R17	1	1	PRODUCT DATA MANAGEMENT	ADVANCED MANUFACTURING SYSTEMS	R19	1	1	PRODUCT DATA MANAGEMENT	ADVANCED MANUFACTURING SYSTEMS	Equivalent
43	R17	1	1	PROGRAMMABLE LOGIC CONTROLLER &	MECHATRONICS	R19	1	1	PROGRAMMABLE LOGIC CONTROLLER &	MECHATRONICS	Equivalent
					PE - PID - PEED						

**ANNEXURE - III**  
**(List of Equivalent Subjects from May - 2021 onwards)**

**M.TECH I SEMESTER (Regular)**

Subject Studied						Subject for which has to appear for University Exam					
R17						R19					
S. No	REGULATION	YEAR	SEMESTER	SUBJECT NAME (R17)	BRANCH NAME	REGULATION	YEAR	SEMESTER	SUBJECT NAME (R19)	BRANCH NAME	Remarks
44	R17	1	1	QUALITY ENGINEERING IN MANUFACTURING	DESIGN FOR MANUFACTURING - DESIGN AND MANUFACTURING PE	R19	1	1	QUALITY ENGINEERING IN MANUFACTURING	DESIGN FOR MANUFACTURING - DESIGN AND MANUFACTURING	Equivalent
45	R17	1	1	QUANTITATIVE METHODS IN CONSTRUCTION MANAGEMENT	CONSTRUCTION MANAGEMENT	R19	1	1	QUANTITATIVE METHODS IN CONSTRUCTION MANAGEMENT	CONSTRUCTION MANAGEMENT	Equivalent
46	R17	1	1	RADIO NAVIGATIONAL AIDS	CONTROL ENGINEERING - CONTROL SYSTEMS MICROWAVE AND RADAR ENGINEERING WIRELESS AND MOBILE COMMUNICATIONS	R19	1	1	RADIO NAVIGATIONAL AIDS	MICROWAVE AND RADAR ENGINEERING	Equivalent
47	R17	1	1	REPAIR & REHABILITATION OF BUILDINGS	CONSTRUCTION MANAGEMENT	R19	1	1	REPAIR & REHABILITATION OF BUILDINGS	CONSTRUCTION MANAGEMENT	Equivalent
48	R17	1	1	ROAD SAFETY ENGINEERING	HIGHWAY ENGINEERING TRANSPORTATION ENGINEERING	R19	1	1	ROAD SAFETY ENGINEERING	HIGHWAY ENGINEERING TRANSPORTATION ENGINEERING	Equivalent
49	R17	1	1	SATELLITE COMMUNICATIONS	MICROWAVE AND RADAR ENGINEERING	R19	1	1	SATELLITE COMMUNICATIONS	MICROWAVE AND RADAR ENGINEERING	Equivalent

**ANNEXURE - III  
(List of Equivalent Subjects from May - 2021 onwards)**

**M.TECH I SEMESTER (Regular)**

Subject Studied						Subject for which has to appear for University Exam					
R17						R19					
S. No	REGULATION	YEAR	SEMESTER	SUBJECT NAME (R17)	BRANCH NAME	REGULATION	YEAR	SEMESTER	SUBJECT NAME (R19)	BRANCH NAME	Remarks
50	R17	1	1	SOFTWARE DEVELOPMENT METHODOLOGIES	SOFTWARE ENGINEERING	R19	1	1	SOFTWARE DEVELOPMENT METHODOLOGIES	SOFTWARE ENGINEERING	Equivalent
51	R17	1	1	SOFTWARE REQUIREMENTS & ESTIMATION	SOFTWARE ENGINEERING	R19	1	1	SOFTWARE REQUIREMENTS & ESTIMATION	SOFTWARE ENGINEERING	Equivalent
52	R17	1	1	SOIL STRUCTURE INTERACTION	GEOTECHNICAL ENGINEERING	R19	1	1	SOIL STRUCTURE INTERACTION	GEOTECHNICAL ENGINEERING	Equivalent
53	R17	1	1	SPREAD SPECTRUM COMMUNICATIONS	COMPUTER AND COMMUNICATION ENGINEERING DECS	R19	1	1	SPREAD SPECTRUM COMMUNICATIONS	COMMUNICATION SYSTEMS	Equivalent
54	R17	1	1	TCPIP INTERNETWORKING	EMBEDDED SYSTEMS	R19	1	1	TCPIP INTERNETWORKING	COMMUNICATION SYSTEMS	Equivalent
					COMMUNICATION SYSTEMS						
					COMPUTER AND COMMUNICATION ENGINEERING					WIRELESS AND MOBILE COMMUNICATIONS	Equivalent
					DSCE						
					WIRELESS AND MOBILE COMMUNICATIONS						
55	R17	1	1	THEORY OF ELASTICITY & PLASTICITY	DESIGN FOR MANUFACTURING - DESIGN AND MANUFACTURING	R19	1	1	THEORY OF ELASTICITY & PLASTICITY	DESIGN FOR MANUFACTURING - DESIGN AND MANUFACTURING	Equivalent
56	R17	1	1	THEORY OF METAL CUTTING	ADVANCED MANUFACTURING SYSTEMS	R19	1	1	THEORY OF METAL CUTTING	ADVANCED MANUFACTURING SYSTEMS	Equivalent



**ANNEXURE - III  
(List of Equivalent Subjects from May - 2021 onwards)**

**M.TECH I SEMESTER (Regular)**

Subject Studied					Subject for which has to appear for University Exam						
R17					R19						
S. No	REGULATION	YEAR	SEMESTER	SUBJECT NAME (R17)	BRANCH NAME	REGULATION	YEAR	SEMESTER	SUBJECT NAME (R19)	BRANCH NAME	Remarks
				CUTTING	PRODUCTION ENGINEERING					PRODUCTION ENGINEERING	
57	R17	1	1	THEORY OF METAL FORMING	PRODUCTION ENGINEERING	R19	1	1	THEORY OF METAL FORMING	PRODUCTION ENGINEERING	Equivalent
58	R17	1	1	TRAFFIC ENGINEERING AND CONTROL	HIGHWAY ENGINEERING	R19	1	1	TRAFFIC ENGINEERING	HIGHWAY ENGINEERING TRANSPORTATION ENGINEERING	
59	R17	1	1	TRANSFORM TECHNIQUES	BIOMEDICAL SIGNAL PROCESSING AND INSTRUMENTATION ELECTRONICS & INSTRUMENTATION SYSTEMS AND SIGNAL PROCESSING	R19	1	1	TRANSFORM TECHNIQUES	ELECTRONICS & INSTRUMENTATION SYSTEMS AND SIGNAL PROCESSING	Equivalent
60	R17	1	1	WIRELESS COMMUNICATIONS AND NETWORKS	COMMUNICATION SYSTEMS DSCE COMPUTER AND COMMUNICATION ENGINEERING WIRELESS AND MOBILE COMMUNICATIONS	R19	1	1	WIRELESS COMMUNICATIONS AND NETWORKS	COMMUNICATION SYSTEMS DECE - DECS ELECTRONICS AND COMMUNICATION ENGINEERING WIRELESS AND MOBILE COMMUNICATIONS	Equivalent

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**SUBJECT STUDIED**

**SUBJECT FOR WHICH THE CANDIDATE HAS TO APPEAR FOR UNIVERSITY EXAM**

S.N O	REG	YE A R	SE ME ST ER	SUBJECT STUDIED		REG	Y E A R	S E M	SUBJECT FOR WHICH THE CANDIDATE HAS TO APPEAR FOR UNIVERSITY EXAM	
				BRANCH NAME	SUBJECT NAME				BRANCH_NAME	SUBJECT NAME
1	R17	I	II	COMMUNICATION SYSTEMS	ADVANCED COMMUNICATIONS AND NETWORKS	R19	I	II	COMMUNICATION SYSTEMS	ADVANCED COMMUNICATIONS AND NETWORKS
				COMPUTER AND COMMUNICATION ENGINEERING					DECE-DECS	
									ECE	
									MICROWAVE RADAR ENGINEERING	
									WIRELESS AND MOBILE COMMUNICATIONS	
2	R17	I	II	CONSTRUCTION MANAGEMENT	ADVANCED CONCRETE TECHNOLOGY	R19	I	II	CONSTRUCTION MANAGEMENT	ADVANCED CONCRETE TECHNOLOGY
									INFRASTRUCTURE ENGINEERING	
3	R17	I	II	DIGITAL SYSTEMS AND COMPUTER ELECTRONICS	ADVANCED COMPUTER ARCHITECTURE	R19	I	II	DIGITAL SYSTEMS AND COMPUTER ELECTRONICS	ADVANCED COMPUTER ARCHITECTURE
4	R17	I	II	CONTROL ENGINEERING - CONTROL SYSTEMS	ADVANCED DIGITAL SIGNAL PROCESSING	R19	I	II	CONTROL ENGINEERING - CONTROL SYSTEMS	ADVANCED DIGITAL SIGNAL PROCESSING
5	R17	I	II	THERMAL ENGINEERING	ADVANCED I.C. ENGINES	R19	I	II	THERMAL ENGINEERING	ADVANCED I.C. ENGINES

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SUBJECT STUDIED						SUBJECT FOR WHICH THE CANDIDATE HAS TO APPEAR FOR UNIVERSITY EXAM					
S.N O	REG	YE A R	SE ME ST ER	BRANCH NAME	SUBJECT NAME	REG	YE A R	SE ME ST ER	BRANCH_NAME	SUBJECT NAME	
6	R17	I	II	PRODUCTION ENGINEERING	ADVANCED MANUFACTURING PROCESSES	R19	I	II	CAD-CAM	ADVANCED MANUFACTURING PROCESSES	
7	R17	I	II	CAD-CAM	ADVANCED MECHATRONICS	R19	I	II	CAD-CAM	ADVANCED MECHATRONICS	
8	R17	I	II	AMS	ADVANCED TOOL DESIGN	R19	I	II	AMS	ADVANCED TOOL DESIGN	
				PRODUCTION ENGINEERING					DESIGN FOR MANUFACTURING		
									PRODUCTION ENGINEERING		
9	R17	I	II	COMPUTER NETWORKS AND INFORMATION SECURITY - COMPUTER NETWORKS	BIG DATA ANALYTICS	R19	I	II	CSE-CS	BIG DATA ANALYTICS	
				COMPUTER SCIENCE AND ENGINEERING - COMPUTER SCIENCE					IT-WT		
				WEB TECHNOLOGY							
10	R17	I	II	CONSTRUCTION MANAGEMENT	BUILDING SERVICES	R19	I	II	CONSTRUCTION MANAGEMENT	BUILDING SERVICES	

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SUBJECT STUDIED						SUBJECT FOR WHICH THE CANDIDATE HAS TO APPEAR FOR UNIVERSITY EXAM					
S.N O	REG	YE A R	SE ME ST ER	BRANCH NAME	SUBJECT NAME	REG	YE A R	SE ME ST ER	BRANCH_NAME	SUBJECT NAME	
11	R17	I	II	CONSTRUCTION MANAGEMENT	CIVIL ENGINEERING MATERIALS AND RECENT ADVANCES	R19	I	II	CONSTRUCTION MANAGEMENT	CIVIL ENGINEERING MATERIALS AND RECENT ADVANCES	
12	R17	I	II	PRODUCTION ENGINEERING	COMPUTER AIDED PROCESS PLANNING	R19	I	II	PRODUCTION ENGINEERING	COMPUTER AIDED PROCESS PLANNING	
13	R17	I	II	CONSTRUCTION MANAGEMENT	CONSTRUCTION AND CONTRACT MANAGEMENT	R19	I	II	CONSTRUCTION MANAGEMENT	CONSTRUCTION AND CONTRACT MANAGEMENT	
14	R17	I	II	CONSTRUCTION MANAGEMENT	CONSTRUCTION ECONOMICS AND FINANCE	R19	I	II	CONSTRUCTION MANAGEMENT	CONSTRUCTION ECONOMICS AND FINANCE	
15	R17	I	II	COMPUTER NETWORKS AND INFORMATION SECURITY - COMPUTER NETWORKS	CYBER SECURITY	R19	I	II	COMPUTER SCIENCE AND ENGINEERING - COMPUTER SCIENCE	CYBER SECURITY	
				COMPUTER SCIENCE AND ENGINEERING - COMPUTER SCIENCE							
				SOFTWARE ENGINEERING							
				WEB TECHNOLOGY							
16	R17	I	II	ENGINEERING DESIGN	DESIGN AND ANALYSIS OF	R19	I	II	ENGINEERING DESIGN	DESIGN AND ANALYSIS OF	

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SUBJECT STUDIED				SUBJECT FOR WHICH THE CANDIDATE HAS TO APPEAR FOR UNIVERSITY EXAM						
S.N O	REG	YE A R	SE ME ST ER	BRANCH NAME	SUBJECT NAME	REG	YE A R	SE ME ST ER	BRANCH_NAME	SUBJECT NAME
16	R17	I	II	MACHINE DESIGN	EXPERIMENTS	R17	I	II	ENGINEERING DESIGN	EXPERIMENTS
17	R17	I	II	EMBEDDED SYSTEMS	DESIGN FOR TESTABILITY	R19	I	II	VLSI-VLSI DESIGN-VLSI SYSTEM DESIGN	DESIGN FOR TESTABILITY
				EMBEDDED SYSTEMS AND VLSI DESIGN - VLSI AND EMBEDDED SYSTEMS - ELECTRONICS DESIGN TECHNOLOGY						
				VLSI - VLSI DESIGN - VLSI SYSTEM DESIGN						
18	R17	I	II	AUTOMATION	DESIGN OF HYDRAULIC & PNEUMATIC SYSTEMS	R19	I	II	DESIGN FOR MANUFACTURING - DESIGN AND MANUFACTURING	DESIGN OF HYDRAULIC & PNEUMATIC SYSTEMS
				DESIGN FOR MANUFACTURING - DESIGN AND MANUFACTURING						
19	R17	I	II	PS H.V. Engg. / H.V. Engg	EHV AC TRANSMISSION	R19	I	II	EPE-EPS	EHV AC TRANSMISSION
20	R17	I	II	DIGITAL SYSTEMS AND COMPUTER ELECTRONICS	EMBEDDED SYSTEMS DESIGN	R19	I	II	DECE-DECS	EMBEDDED SYSTEMS DESIGN
				ELECTRONICS AND COMMUNICATION ENGINEERING						

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				<b>SUBJECT STUDIED</b>				<b>SUBJECT FOR WHICH THE CANDIDATE HAS TO APPEAR FOR UNIVERSITY EXAM</b>			
<b>S.N O</b>	<b>REG</b>	<b>YE A R</b>	<b>SE ME ST ER</b>	<b>BRANCH NAME</b>	<b>SUBJECT NAME</b>	<b>REG</b>	<b>YE A R</b>	<b>SE ME ST ER</b>	<b>BRANCH_NAME</b>	<b>SUBJECT NAME</b>	
				SYSTEMS AND SIGNAL PROCESSING							
21	R17	I	II	DECE-DECS	EMI EMC	R19	I	II	EIE	EMI EMC	
22	R17	I	II	ENERGY SYSTEMS	ENERGY CONSERVATION AND MANAGEMENT	R19	I	II	THERMAL ENGINEERING	ENERGY CONSERVATION AND MANAGEMENT	
23	R17	I	II	ENGINEERING DESIGN	FUZZY LOGIC AND NEURAL NETWORKS	R19	I	II	DFM-DAM	FUZZY LOGIC AND NEURAL NETWORKS	
				MACHINE DESIGN					MECHATRONICS		
				MECHATRONICS					CAD-CAM		
				CAD-CAM					ENGINEERING DESIGN		
				DESIGN FOR MANUFACTURING - DESIGN AND MANUFACTURING							
24	R17	I	II	EMBEDDED SYSTEMS	HARDWARE AND SOFTWARE CO-DESIGN	R19	I	II	DSCE	HARDWARE AND SOFTWARE CO-DESIGN	
				ENVIRONMENTAL ENGINEERING					EMBEDDED SYSTEMS		

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SUBJECT STUDIED						SUBJECT FOR WHICH THE CANDIDATE HAS TO APPEAR FOR UNIVERSITY EXAM					
S.N O	REG	YE A R	SE ME ST ER	BRANCH NAME	SUBJECT NAME	REG	YE A R	SE ME ST ER	BRANCH_NAME	SUBJECT NAME	
25	R17	I	II	ECE	IMAGE AND VIDEO PROCESSING	R19	I	II	EIE	IMAGE AND VIDEO PROCESSING	
26	R17	I	II	ENGINEERING DESIGN	INDUSTRIAL ROBOTICS	R19	I	II	AMS	INDUSTRIAL ROBOTICS	
				MACHINE DESIGN					ENGINEERING DESIGN		
				MECHATRONICS					MECHATRONICS		
				MACHINE DESIGN					MACHINE DESIGN		
27	R17	I	II	WEB TECHNOLOGY	INTERNET OF THINGS	R19	I	II	CNIS-CN	INTERNET OF THINGS	
								CSE-CS			
28	R17	I	II	CYBER FORENSICS-CYBER SECURITY AND INFORMATION SECURITY	INTRUSION DETECTION AND PREVENTION SYSTEMS	R19	I	II	CNIS-CN-CYBER SECURITY	INTRUSION DETECTION AND PREVENTION SYSTEMS	
29	R17	I	II	TRANSPORTATION ENGINEERING	LAND USE TRANSPORTATION MODELLING	R19	I	II	HIGHWAY ENGINEERING	LAND USE & TRANSPORT MODELING WITH GEO METER SENSITIVITY	
				HIGHWAY ENGINEERING					TRANSPORTATION ENGINEERING	LAND USE & TRANSPORTATION MODELLING	

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SUBJECT STUDIED					SUBJECT FOR WHICH THE CANDIDATE HAS TO APPEAR FOR UNIVERSITY EXAM					
S.N O	REG	YEA R	SE ME ST ER	BRANCH NAME	SUBJECT NAME	REG	YEA R	SE ME ST ER	BRANCH_NAME	SUBJECT NAME
30	R17	I	II	EMBEDDED SYSTEMS AND VLSI DESIGN - VLSI AND EMBEDDED SYSTEMS - ELECTRONICS DESIGN TECHNOLOGY	LOW POWER VLSI DESIGN	R19	I	II	DIGITAL SYSTEMS AND COMPUTER ELECTRONICS	LOW POWER VLSI
				VLSI - VLSI DESIGN - VLSI SYSTEM DESIGN						
31	R17	I	II	CONSTRUCTION MANAGEMENT	MANAGEMENT OF QUALITY AND SAFETY IN CONSTRUCTION	R19	I	II	CONSTRUCTION MANAGEMENT	MANAGEMENT OF QUALITY AND SAFETY IN CONSTRUCTION
32	R17	I	II	ADVANCED MANUFACTURING SYSTEMS	MATERIALS TECHNOLOGY	R19	I	II	AMS	MATERIALS TECHNOLOGY
				PRODUCTION ENGINEERING					DFM-DAM	
									PRODUCTION ENGINEERING	
33	R17	I	II	MECHATRONICS	MEMS	R19	I	II	CAD-CAM	MEMS DESIGN AND MANUFACTURING
									MECHATRONICS	MEMS
34	R17	I	II	MICROWAVE AND RADAR ENGINEE	MICROWAVE SOLID STATE DEVICES	R19	I	II	MICROWAVE AND RADAR ENGINEERING	MICROWAVE SOLID STATE DEVICES
35	R17	I	II	CONTROL ENGINEERING - CONTROL SYSTEMS	NON-LINEAR SYSTEMS	R19	I	II	CONTROL ENGINEERING - CONTROL SYSTEMS	NON-LINEAR SYSTEMS



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SUBJECT STUDIED						SUBJECT FOR WHICH THE CANDIDATE HAS TO APPEAR FOR UNIVERSITY EXAM					
S.N O	REG	YE A R	SE ME ST ER	BRANCH NAME	SUBJECT NAME	REG	YE A R	S E M	BRANCH_NAME	SUBJECT NAME	
36	R17	I	II	GEOTECHNICAL ENGINEERING	OFFSHORE GEOTECHNICAL ENGINEERING	R19	I	II	GEOTECHNICAL ENGINEERING	OFFSHORE GEOTECHNICAL ENGINEERING	
37	R17	I	II	CONTROL ENGINEERING - CONTROL SYSTEMS	OPTIMAL CONTROL THEORY	R19	I	II	CONTROL ENGINEERING - CONTROL SYSTEMS	OPTIMAL CONTROL THEORY	
38	R17	I	II	MICROWAVE RADAR ENGINEERING	PHASED ARRAY SYSTEMS	R19	I	II	MICROWAVE RADAR ENGINEERING	PHASED ARRAY ANTENNA SYSTEMS	
39	R17	I	II	DFM-DAM	PRODUCT DATA MANAGEMENT	R19	I	II	DFM-DAM	PRODUCT DATA MANAGEMENT	
40	R17	I	II	CONTROL ENGINEERING - CONTROL SYSTEMS	PROGRAMMABLE LOGIC CONTROLLERS AND APPLICATIONS	R19	I	II	CONTROL ENGINEERING - CONTROL SYSTEMS	PROGRAMMABLE LOGIC CONTROLLERS AND APPLICATIONS	
				ELECTRICAL POWER SYSTEMS - POWER SYSTEM CONTROL AND AUTOMATION - ELECTRICAL POWER ENGINEERING							
				POWER AND ENERGY SYSTEMS							
41	R17	I	II	ELECTRONICS AND INSTRUMENTATION ENGINEERING	QUALITY AND RELIABILITY ENGINEERING	R19	I	II	ELECTRONICS AND INSTRUMENTATION ENGINEERING	QUALITY & RELIABILITY OF ELECTRONIC SYSTEM	
42	R17	I	II	MICROWAVE RADAR ENGINEERING	RADAR SIGNAL PROCESSING	R19	I	II	MICROWAVE RADAR ENGINEERING	RADAR SIGNAL PROCESSING	
43	R17	I	II	CONTROL ENGINEERING - CONTROL SYSTEMS	REAL TIME SYSTEMS	R19	I	II	CONTROL ENGINEERING - CONTROL SYSTEMS	REAL TIME SYSTEMS	

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SUBJECT STUDIED						SUBJECT FOR WHICH THE CANDIDATE HAS TO APPEAR FOR UNIVERSITY EXAM					
S.N O	REG	YE A R	SE ME ST ER	BRANCH NAME	SUBJECT NAME	REG	YE A R	SE ME ST ER	BRANCH_NAME	SUBJECT NAME	
44	R17	I	II	GEOTECHNICAL ENGINEERING	RETAINING STRUCTURES	R19	I	II	GEOTECHNICAL ENGINEERING	RETAINING STRUCTURES	
45	R17	I	II	CONTROL ENGINEERING - CONTROL SYSTEMS	ROBOTICS AND CONTROL	R19	I	II	CONTROL ENGINEERING - CONTROL SYSTEMS	ROBOTICS AND CONTROL	
46	R17	I	II	CONTROL ENGINEERING - CONTROL SYSTEMS	ROBUST CONTROL	R19	I	II	CONTROL ENGINEERING - CONTROL SYSTEMS	ROBUST CONTROL	
47	R17	I	II	HIGHWAY ENGINEERING	RURAL ROADS	R19	I	II	HIGHWAY ENGINEERING	RURAL ROADS	
				TRANSPORTATION ENGINEERING					TRANSPORTATION ENGINEERING		
48	R17	I	II	MICROWAVE RADAR ENGINEERING	SMART ANTENNAS	R19	I	II	MICROWAVE RADAR ENGINEERING	SMART ANTENNAS	
49	R17	I	II	INFORMATION TECHNOLOGY	SOFTWARE QUALITY ASSURANCE AND TESTING	R19	I	II	SOFTWARE ENGINEERING	SOFTWARE QUALITY ASSURANCE AND TESTING	
				SOFTWARE ENGINEERING							
				DIGITAL ELECTRONICS AND COMMUNICATION ENGINEERING - DIGITAL ELECTRONICS AND COMMUNICATION SYSTEMS							
				EMBEDDED SYSTEMS							

**M.Tech II Sem**

SUBJECT STUDIED					SUBJECT FOR WHICH THE CANDIDATE HAS TO APPEAR FOR UNIVERSITY EXAM					
S.N O	REG	YE A R	SE ME ST ER	BRANCH NAME	SUBJECT NAME	REG	YE A R	SE ME ST ER	BRANCH_NAME	SUBJECT NAME
50	R17	I	II	EMBEDDED SYSTEMS AND VLSI DESIGN - VLSI AND EMBEDDED SYSTEMS - ELECTRONICS DESIGN TECHNOLOGY	SYSTEM ON CHIP ARCHITECTURE				DIGITAL SYSTEMS AND COMPUTER ELECTRONICS	SYSTEM ON CHIP ARCHITECTURE
				SYSTEMS AND SIGNAL PROCESSING						
				VLSI - VLSI DESIGN - VLSI SYSTEM DESIGN						
				DIGITAL SYSTEMS AND COMPUTER ELECTRONICS						
				ELECTRONICS AND COMMUNICATION ENGINEERING						
51	R17	I	II	TRANSPORTATION ENGINEERING	TRAFFIC ANALYSIS	R19	I	II	HIGHWAY ENGINEERING	TRAFFIC ANALYSIS
			HIGHWAY ENGINEERING	TRANSPORTATION ENGINEERING						
52	R17	I	II	CONSTRUCTION MANAGEMENT	UNDER WATER CONSTRUCTION	R19	I	II	CONSTRUCTION MANAGEMENT	UNDER WATER CONSTRUCTION
53	R17	I	II	INFRASTRUCTURE ENGINEERING	URBAN-REGIONAL TRANSPORTATION ANALYSIS AND PLANNING METHODS	R19	I	II	INFRASTRUCTURE ENGINEERING	URBAN-REGIONAL TRANSPORTATION ANALYSIS AND PLANNING METHODS
54	R17	I	II	AUTOMATION	VIBRATION ANALYSIS & CONDITION	R19	I	II	DFM-DAM	AUTOMATION

