

TECHNO INDIA NJR INSTITUTE OF TECHNOLOGY

Approved by AICTE & Affiliated to Rajasthan Technical University

NJR Knowledge Campus, Plot-SPL-T, Bhamashah (RIICO) Industrial Area, Kaladwas, Udaipur - 313003 (Raj.) Tel.: +91 2942650214-17 Fax:+91 2942650218, Email: technonjr@gmail.com, director@technonjr.org

Date: 18-06-2023

TO WHOMSOEVER IT MAY CONCERN

Metric ID:	Percentage of Programmes in which Choice Based Credit System
1.2.1	(CBCS)/ elective course system has been implemented
	1.2.1.1. Number of Programmes in which CBCS/ Elective course
	system implemented

Description

- (a) Percentage of revision in each program is attached in Appendix-I.
- (b) Details of program year wise is attached in Appendix-II.
- (c) Program which was discontinued/merger shown in red colour and AICTE Extension of Approval letters also attached.
- (d) Relevant data highlighted in Red/Yellow Colour.

The list of programmes in which CBCS / elective course system has been implemented is attached here with. Also List of courses in which CBCS has been implemented is attached in appendix 1.

For Technology NJR Institute of Technology

R.S. Vyas) Director 1.2.1 Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented If revision has been carried Year of Status of out in impleme the syllabus implementation Link to the ntation of during the last 5 of CBCS / **Programme** Programme Year of relevant CBCS / Introduction elective course Code name years, document elective system Percentage of course content added (Yes/No) system or replaced 1. CBCS DOCUMENT FOR ALL **PROGRAMS** https://iqac.te chnonjr.org/a qar/2022-23/part-Civil b/1.2.1/ 0% 2012-13 Yes 2017-18 Engineering UNIVERSITY SYLLABUS OF ALL **PROGRAMS** https://iqac.te chnonjr.org/a qar/2022-Computer 23/part-Science and b/1.2.1/ 0% 2017-18 Engineering 2008-09 Yes 6 3. ELECTIVE SUBJECTS LIST: https://iqac.te chnonjr.org/a qar/2022-23/partb/1.2.1/ Electrical Yes 2017-18 0% 7 Engineering 2013-14 Electronics and Communicatio 2017-18 0% 9 2008-09 Yes Engineering Mechanical

2011-12

13

Engineering

Yes

0%

2017-18

APPENDIX - I

Rajasthan Technical University (RTU) revised the syllabus in 2017-18. The comparison chart of old scheme subjects with the new scheme subjects is attached of all the programs.

In all the charts two colour coding has been used. Red highlighted subjects shown removed from the old scheme. New introduced subjects shown in yellow colour.

	3. Tech Sch	eme 2021-22	B. Tecl	n Scheme	Scheme 2022-23		
(Program)	Combe	Course Name	Pineron.				
SEMESTER	code	Theory Subject	SEMESTER	Control of the Contro	Theory Subject		
SEWI-STEW	1FY2-01	Engineering Mathematics-I		1FY2-01	Engineering Mathematics-I		
	1FY2-03	Engineering Chemistry		1FY2-03	Engineering Chemistry		
	1FY1-04	Communication Skills		1FY1-04	Communication Skills		
	1FY3-06	Programming for Problem Solving		1FY3-06	Programming for Problem Solving		
•	1FY3-09	Basic Civil Engineering		1FY3-09	Basic Civil Engineering		
	Practicals &	& Sessionals		Practicals d	& Sessionals		
	1FY2-21	Engineering Chemistry Lab		1FY2-21	Engineering Chemistry Lab		
	1FY1-22	Human Values Activities		1FY1-22	Human Values Activities		
Common to	1FY3-24	Manufacturing Practices Workshop	Common to	1FY3-24	Manufacturing Practices Workshop		
all	1FY3-27	Basic Civil Engineering Lab	all	1FY3- 27	Basic Civil Engineering La		
	1FY3-28	Computer Aided Engineering Graphics		1FY3-28	Computer Aide Engineering Graphics		
		Theory Subject		II	Theory Subject		
	2FY2-01	Engineering Mathematics-II		2FY2-01	Engineering Mathematics-I		
	2FY2-02	Engineering Physics		2FY2-02	Physics		
	2FY1-05	Human Values		2FY1-05			
	2FY3-07	Basic Mechanical Engineering		2FY3-07	Engineering		
	2FY3-08			2FY3-08	Engineering		
	Practicals	s & Sessionals		Practicals	s & Sessionals		
	2FY2-20			2FY2-20	Engineering		

1 TO STATE OF THE PROPERTY OF	and the parent of the latest and the contract		We the distribution of the second state of the second seco	to more agencia ma	Physics Lab
	2FY1-23	Human Values Activities		2FY1-23	Human Values Activities
	2FY3-25	Manufacturing Practices Workshop		2FY3-25	Manufacturing Practices Workshop
	2FY3-26	Basic Electrical Engineering Lab		2FY3-26	Basic Electrical Engineering Lab
	2FY3-29	Computer Aided Machine Drawing		2FY3-29	Computer Aided Machine Drawing
SEMESTER	Ш	Theory Subject	SEMESTER	Ш	Theory Subject
	3CE2-01	ADVANCE ENGINEERING MATHEMATICS-I		3CE2-01	ADVANCE ENGINEERING MATHEMATICS I
	3CE1-02	TECHNICAL COMMUNICATION		3CE1-02	TECHNICAL COMMUNICATI ON
The second second	3CE3-04	Engineering Mechanics		3CE3-04	Engineering Mechanics
	3CE4-05	SURVEYING		3CE4-05	SURVEYING
	3CE4-06	FLUID MECHANICS		3CE4-06	FLUID MECHANICS
Civil Engineering	3CE4-07	BUILDING MATERIALS AND CONSTRUCTION	Civil Engineering	3CE4-07	BUILDING MATERIALS AND CONSTRUCTION
	3CE4-08	ENGINEERING GEOLOGY		3CE4-08	ENGINEERING GEOLOGY
		& Sessionals		Practicals	& Sessionals
	3CE4-21	Surveying Lab		3CE4-21	Surveying Lab
	3CE4-22	Fluid Mechanics Lab	•	3CE4-22	Fluid Mechanics Lab
news rates	3CE4-23	Computer Aided Civil Engineering Drawing		3CE4-23	Computer Aided Civil Engineering Drawing
	3CE4-24	Civil Engineering Maretials Lab		3CE4-24	Civil Engineering Maretials Lab
	3CE4-25	Geology Lab		3CE4-25	Geology Lab
	3CE7-30	Industrial Training		3CE7-30	Industrial Training
SEMESTER	IV	Theory Subject	SEMESTER	IV	Theory Subject
Civil	4CE2-01	ADVANCE ENGINEERING MATHEMATICS-II	Civil	4CE2-01	ADVANCE ENGINEERING MATHEMATICS II
Engineering	4CE1-03	MANAGERIAL ECONOMICS AND FINANCIAL ACCOUNTING	Engineering	4CE1-03	MANAGERIAL ECONOMICS AND FINANCIAI ACCOUNTING
	4CE3-04	BASIC ELECTRONICS		4CE3-04	BASIC

		FOR CIVIL ENGINEERIN	c l		1
		APPLICATIONS	The state of the s		ELECTRONICS FOR CIVIL
					ENGINEERING
	4CE4-05	STRENGTH OF			APPLICATIONS
	TCLA-03	MATERIALS		4CE4-05	STRENGTH OF
	4CE4-06	HYDRAULICS			MATERIALS
	4CL4-00	ENGINEERING		4CE4-06	HYDRAULICS ENGINEERING
	4CE4-07	BUILDING PLANNING		4CE4-07	BUILDING
	4CE4-08	COMODETTE		4CE4-08	PLANNING CONCRETE
	Practicals	& Sessionals			TECHNOLOGY
		Constant		Practical	& Sessionals
	4CE4-21	Material Testing Lab		4CE4-21	Material Testing Lab
	4CE4-22	Hydraulics Engineering Lab		4CE4-22	Hydraulics Engineering Lab
	4CE4-23	Building Drawing		4CE4-23	Building Drawing
	4CE4-24	Advanced Surveying Lab		4CE4-24	Advanced
	4CE4-25	Concrete Lab		40E4.05	Surveying Lab
SEMESTER	V	Theory Subject	SEMESTER	4CE4-25	Concrete Lab
			SEWESTER	V	Theory Subject
	5CE3-01	CONSTRUCTION TECHNOLOGY AND EQUIPMENT		5CE3-01	CONSTRUCTION TECHNOLOGY AND
	5CE4-02	STRUCTURE ANALYSIS-I		5CE4-02	EQUIPMENT STRUCTURE
	5CE4-03	DESIGN OF CONCRETE STRUCTURES		5CE4-03	ANALYSIS-I DESIGN OF CONCRETE
7.00 mg/s	5CE4-04	GEOTECHNICAL ENGINEERING		5CE4-04	STRUCTURES GEOTECHNICAI ENGINEERING
Civil Engineering	5CE4-05	WATER RESOURCE ENGINEERING	Civil	5CE4-05	WATER RESOURCE ENGINEERING
Digiteering	5CE5-13	Town Planning	Engineering	5CE5-13	Town Planning
	5CE5-14	Repair and Rehabilitation of Structures		5CE5-14	Repair and Rehabilitation of
	Practicals &	& Sessionals			Structures
				Practicals of	& Sessionals
	5CE4-21	Concrete Structures Design		5CE4-21	Concrete Structure Design
	5CE4-22	Geotechnical Engineering Lab		5CE4-22	Geotechnical Engineering Lab
	5CE4-23	Water Resource Engineering Design		5CE4-23	Water Resource Engineering Design
COMMISSION	5CE7-30	Industrial Training		5CE7-30	Industrial Training
SEMESTER	VI	Theory Subject	SEMESTER	VI	Theory Subject

	6CE3-01	WIND AND SEISMIC ANALYSIS	(ka attu suuruk ka titus a disas sii sassii	6CE3-01	WIND AND SEISMIC ANALYSIS
	6CE4-02	STRUCTURAL ANALYSIS- II		6CE4-02	STRUCTURAL ANALYSIS-II
	6CE4-03	ENVIRONMENTAL ENGINEERING	Area of the Control o	6CE4-03	ENVIRONMENT AL ENGINEERING
	6CE4-04	DESIGN OF STEEL STRUCTURES		6CE4-04	DESIGN OF STEEL STRUCTURES
	6CE4-05	Estimating & Costing		6CE4-05	Estimating & Costing
Civil	6CE5-12	SOLID AND HAZARDOUS WASTE MANAGEMENT	Civil	6CE5-12	SOLID AND HAZARDOUS WASTE MANAGEMENT
Engineering	6CE5-16	Geographic Information System & Remote Sensing	Engineering	6ÇE5-16	Geographic Information System & Remote Sensing
	Practicals	& Sessionals		Practicals	& Sessionals
	6CE4-21	Environmental Engineering Design and Lab		6CE4-21	Environmental Engineering Design and Lab
	6CE4-22	Steel Structure Design		6CE4-22	Steel Structure Design
	6CE4-23	Quantity Surveying and Valuation		6CE4-23	Quantity Surveyin and Valuation
	6CE4-24	Water and Earth Retaining Structures Design		6CE4-24	Water and Earth Retaining Structures Design
	6CE4-25	Foundation Design		6CE4-25	Foundation Design
SEMESTER	VII	Theory Subject	SEMESTER	VII	Theory Subject
	7CE4-01	Transportation Engineering		7CE4-01	Transportation Engineering
	7AG6- 60.2	Environmental Engineering and Disaster Management		7AG6- 60.2	Environmental Engineering and Disaster Management
Civil Engineering			Civil Engg		
	Description	& Sessionals		Practicals	& Sessionals
	7CE7A	Design of Water Resource Structures-I	1	7CE4-21	Road Material Testing Lab
	7CE8A	Steel Structures Design-I		7CE4-22	Professional

	7CE9A	Concrete Structures Design-II		7CE4-23	Soft Skills Lab
	7CE10A	Application of Numerical Methods in Civil Engineering Lab		7CE4-24	Environmental Monitoring and Design Lab
	7CETR	Practical Training & Industrial Visit		7CE7-30	Practical Trainin
	7CEPR	Project-I		7CE7-40	Seminar
SEMESTER	VIII	Theory Subject	SEMESTER	VIII	Theory Subject
	8CE4-01	Project Planning and Construction Management		8CE4-01	Project Planning and Construction Management
	8TT6-60.2	Disaster Management		8TT6- 60.2	Disaster Management
Civil	Practicals &	& Sessionals		Practicals	& Sessionals
Engineering	8CE4-21	Project Planning & Construction Management Lab	Civil Engg	8CE4-21	Project Planning Construction Management Lal
	8CE4-22	Pavement Design		8CE4-22	Pavement Design
	8CE7-50	Project		8CE7-50	Project
SEMESTER	Ш	Theory Subject	SEMESTER		Theory Subject
SEMESTER	3CS2-01	Theory Subject Advanced Engineering Mathematics	SEMESTER	3CS2-01	Advanced Engineering Mathematics
SEMIESTICR		Advanced Engineering	SEMESTER		Advanced Engineering Mathematics Technical
SEMESTER	3CS2-01	Advanced Engineering Mathematics	SEMESTER	3CS2-01 3CS1-02	Advanced Engineering Mathematics Technical Communication
SIMIESTICR	3CS2-01 3CS1-02	Advanced Engineering Mathematics Technical Communication	SEMISSTER	3CS2-01	Advanced Engineering Mathematics Technical Communication Digital Electroni Data Structures a
	3CS2-01 3CS1-02 3CS3-04	Advanced Engineering Mathematics Technical Communication Digital Electronics Data Structures and	SEMISSIER	3CS2-01 3CS1-02 3CS3-04	Advanced Engineering Mathematics Technical Communication Digital Electroni Data Structures a Algorithms Object Oriented
Computer Science	3CS2-01 3CS1-02 3CS3-04 3CS4-05	Advanced Engineering Mathematics Technical Communication Digital Electronics Data Structures and Algorithms Object Oriented	CSE	3CS2-01 3CS1-02 3CS3-04 3CS4-05	Advanced Engineering Mathematics Technical Communication Digital Electroni Data Structures a Algorithms Object Oriented Programming Software
Computer Science	3CS2-01 3CS1-02 3CS3-04 3CS4-05 3CS4-06	Advanced Engineering Mathematics Technical Communication Digital Electronics Data Structures and Algorithms Object Oriented Programming		3CS2-01 3CS1-02 3CS3-04 3CS4-05 3CS4-06 3CS4-07	Advanced Engineering Mathematics Technical Communication Digital Electroni Data Structures a Algorithms Object Oriented Programming
Computer	3CS2-01 3CS1-02 3CS3-04 3CS4-05 3CS4-06	Advanced Engineering Mathematics Technical Communication Digital Electronics Data Structures and Algorithms Object Oriented Programming Software Engineering		3CS2-01 3CS1-02 3CS3-04 3CS4-05 3CS4-06 3CS4-07	Advanced Engineering Mathematics Technical Communication Digital Electroni Data Structures a Algorithms Object Oriented Programming Software Engineering
Computer Science	3CS2-01 3CS1-02 3CS3-04 3CS4-05 3CS4-06 3CS4-07 Practicals 6	Advanced Engineering Mathematics Technical Communication Digital Electronics Data Structures and Algorithms Object Oriented Programming Software Engineering Sessionals Data Structures and		3CS2-01 3CS1-02 3CS3-04 3CS4-05 3CS4-06 3CS4-07 Practicals	Advanced Engineering Mathematics Technical Communication Digital Electroni Data Structures a Algorithms Object Oriented Programming Software Engineering Sessionals Data Structures a Algorithms Lab Object Oriented
Computer Science	3CS2-01 3CS1-02 3CS3-04 3CS4-05 3CS4-06 3CS4-07 Practicals & 3CS4-21	Advanced Engineering Mathematics Technical Communication Digital Electronics Data Structures and Algorithms Object Oriented Programming Software Engineering Sessionals Data Structures and Algorithms Lab Object Oriented		3CS2-01 3CS1-02 3CS3-04 3CS4-05 3CS4-06 3CS4-07 Practicals 3CS4-21	Advanced Engineering Mathematics Technical Communication Digital Electroni Data Structures a Algorithms Object Oriented Programming Software Engineering & Sessionals Data Structures a Algorithms Lab
Computer Science	3CS2-01 3CS1-02 3CS3-04 3CS4-05 3CS4-06 3CS4-07 Practicals & 3CS4-21 3CS4-22	Advanced Engineering Mathematics Technical Communication Digital Electronics Data Structures and Algorithms Object Oriented Programming Software Engineering Sessionals Data Structures and Algorithms Lab Object Oriented Programming Lab		3CS2-01 3CS1-02 3CS3-04 3CS4-05 3CS4-06 3CS4-07 Practicals 3CS4-21 3CS4-22	Advanced Engineering Mathematics Technical Communication Digital Electroni Data Structures a Algorithms Object Oriented Programming Software Engineering Sessionals Data Structures a Algorithms Lab Object Oriented Programming La Software

horasi da escentir	4CS2-01	Discrete Mathematics Structures	ekine ayaram-ukuraba	4CS2-01	Discrete Mathematics Structures
	4CS1-03	Managerial Economics and Financial Accounting	CSE	4CS1-03	Managerial Economics and Financial Accounting
	4CS3-04	Microprocessor & Interface		4CS3-04	Microprocessor & Interface
	4CS4-05	Database Management System		4CS4-05	Database Management System
	4CS4-06	Theory of Computation		4CS4-06	Theory of Computation
CSE	4CS4-07	Data Communication and Computer Networks		4CS4-07	Data Communication and Computer Networks
	Practicals	& Sessionals		Practicals	& Sessionals
	4CS4-21	Microprocessor & Interfaces Lab		4CS4-21	Microprocessor & Interfaces Lab
	4CS4-22	Database Management System Lab		4CS4-22	Database Management System Lab
	4CS4-23	Network Programming Lab		4CS4-23	Network Programming Lab
	4CS4-24	Linux Shell Programming Lab		4CS4-24	Linux Shell Programming Lab
	4CS4-25	Java Lab		4CS4-25	Java Lab
EMESTER	v	Theory Subject	SEMESTER	V	Theory Subject
	5CS3-01	Information Theory & Coding		5CS3-01	Information Theorem & Coding
	5CS4-02	Compiler Design		5CS4-02	Compiler Design
	5CS4-03	Operating System		5CS4-03	Operating System
	5CS4-04	Computer Graphics & Multimedia		5CS4-04	Computer Graphi & Multimedia
	5CS4-05	Analysis of Algorithms		5CS4-05	Analysis of Algorithms
CSE	5CS5-12	Human-Computer Interaction	CSE	5CS5-12	Human-Computer Interaction
	Practicals	& Sessionals		Practicals	& Sessionals
	5CS4-21	Computer Graphics & Multimedia Lab		5CS4-21	Computer Graphi & Multimedia La
	5CS4-22	Compiler Design Lab		5CS4-22	Compiler Design Lab
	5CS4-23	Analysis of Algorithms Lab		5CS4-23	Analysis of Algorithms Lab
	5CS4-24	Advance Java Lab		5CS4-24	Advance Java La
	5CS7-30	Industrial Training		5CS7-30	Industrial Trainin
EMESTER	AND DESCRIPTION OF THE PERSON	Theory Subject	SEMESTER	VI	Theory Subject

	6CS3-01 6CS4-02	Digital Image Processing Machine Learning		6CS3-01 6CS4-02	Digital Image Processing Machine Learning
	6CS4-03	Information Security System	7.	6CS4-03	Information Security System
	6CS4-04	Computer Architecture and Organization	Z San Alaman	6CS4-04	Computer Architecture and Organization
Computer Science	6CS4-05	Artificial Intelligence	Computer	6CS4-05	Artificial Intelligence
Engineering	6CS4-06	Cloud Computing	Science Engineering	6CS4-06	Cloud Computing
Engineering	222724224224224224	& Sessionals	Engineering	Practicals	& Sessionals
	6CS5-11	Distributed System		6CS5-11	Distributed System
	6CS4-21	Digital Image Processing Lab		6CS4-21	Digital Image Processing Lab
	6CS4-22	Machine Learning Lab		6CS4-22	Machine Learning Lab
	6CS4-23	Python Lab		6CS4-23	Python Lab
	6CS4-24	Mobile Application Development Lab		6CS4-24	Mobile Applicatio Development Lab
SEMESTER	VII	Theory Subject	SEMESTER	VII	Theory Subject
	7CS4-01	Internet of Things		7CS4-01	Internet of Things
	7CE6- 60.2	Disaster Management		7CE6- 60.2	Disaster Management
	7AG6- 60.2	Environment Engg and Disaster Management		7AG6- 60.2	Environment Engg and Disaster Management
Computer Science			Computer Science		•
Engineering	Practicals	& Sessionals	Engineering	Practicals	& Sessionals
	7CS4-21	Internet of Things Lab		7CS4-21	Internet of Things Lab
	7CS4-22	Cyber Security Lab		7CS4-22	Cyber Security La
	7CS7-30	Industrial Training		7CS7-30	Industrial Training
	7CS7-40	Seminar		7CS7-40	Seminar
SEMESTER	VIII	Theory Subject	SEMESTER	vin	Theory Subject
	8CS4-01	Big Data Analytics	3, -	8CS4-01	Big Data Analytics
	8AN6- 60.2	Factor of Human Interactions		8AN6- 60.2	Factor of Human Interactions
Computer Science	8TT6- 60.2	Disaster Management	Computer Science	8TT6- 60.2	Disaster Management
Engineering	Practicals	& Sessionals	Engineering	Procticals	& Sessionals
	8CS4-21	Big Data Analytics Lab		8CS4-21	Big Data Analytic

Control State Congression on the State of th	8CS4-22	Software Testing and Validation Lab		8CS4-22	Software Testing and Validation Lal
	8CS7-50	Project	Figure And the Arthur	8CS7-50	Project
SEMESTER	m	Theory Subject	SEMESTER		Theory Subject
	3EC2-01	Advanced Engineering Mathematics-I		3EC2-01	Advanced Engineering Mathematics-I
	3EC1-02	Technical Communication		3EC1-02	Technical Communication
	3EC4-04	Digital System Design		3EC4-04	Digital System Design
	3EC4-05	Signal & Systems		3EC4-05	Signal & Systems
	3EC4-06	Network Theory		3EC4-06	Network Theory
Electronics &	3EC4-07	Electronics Devices	Electronics &	3EC4-07	Electronics Devices
Communicat	Practicals	& Sessionals	Communicat	Practicals	& Sessionals
ion Engineering	3EC4-21	Electronics Devices Lab	ion Engineering	3EC4-21	Electronics Devices Lab
	3EC4-22	Digital System Design Lab		3EC4-22	Digital System Design Lab
	3EC4-23	Signal Processing Lab		3EC4-23	Signal Processin Lab
	3EC3-24	Computer Programming Lab-I		3EC3-24	Computer Programming Lab-I
	3EC7-30	Industrial Training		3EC7-30	Industrial Training
SEMESTER	IV	Theory Subject	SEMESTER	IV	Theory Subject
	4EC2-01	Advanced Engineering Mathematics-II		4EC2-01	Advanced Engineering Mathematics-II
	4EC1-03	Managerial Economics and		4EC1-03	Financial
		Financial Accounting		4EG4 04	Accounting
Electronics	4EC4-04	Analog Circuits	Electronics	4EC4-04	
&	4EC4-05	Microcontrollers	&	4EC4-05	The Contract of the Contract o
Communicat	4EC3-06	Electronics Measurement &	Communicat ion Engineering	4EC3-06	Electronics Measurement & Instrumentation
Engineering	4EC4-07	Instrumentation Analog and Digital Communication	Engineering	4EC4-07	Analog and Digital Communication
	Practical	s & Sessionals		Practicals	& Sessionals
	4EC4-21	Analog and Digital Communication Lab		4EC4-21	Analog and Digital Communication

	1				
					Lab
	4EC4-22	Analog Circuits Lab		4EC4-22	Analog Circuits Lab
	4EC4-23	Microcontrollers Lab		4EC4-23	Microcontrollers Lab
Signipstion	4EC4-24	Electronics Measurement & Instrumentation Lab		4EC4-24	Electronics Measurement & Instrumentation Lab
ESERVE SHARE	V	Theory Subject	SEMESTER	V	Theory Subject
	5EC 3-01	Computer Architecture		5EC 3-01	Computer Architecture
	5EC 4-02	Electromagnetics Waves		5EC 4-02	Electromagnetics Waves
	5EC 4-03	Control system	W 19 10 10 10 10 10 10 10 10 10 10 10 10 10	5EC 4-03	Control system
	5EC 4-04	Digital Signal Processing		5EC 4-04	Digital Signal Processing
Electronics & Communicat	5EC 4-05	Microwave Theory & Techniques	Electronics & Communicat	5EC 4-05	Microwave Theory & Techniques
ion Engineering	5EC 5-12	Embedded Systems	ion	5EC 5-12	Embedded Systems
Engineering	Practicals	& Sessionals	Engineering	Practicals 8	
	5EC 4-21	RF Simulation Lab		5EC 4-21	RF Simulation Lab
	5EC 4-22	Digital Signal Processing Lab		5EC 4-22	Digital Signal Processing Lab
	5EC 4-23	Microwave Lab		5EC 4-23	Microwave Lab
	5EC 7-30	Industrial Training		5EC 7-30	Industrial Training
SEMESTER	VI	Theory Subject	SEMESTER	VI	Theory Subject
	6EC 3-01	Power Electronics		6EC 3-01	Power Electronic
	6EC 4-02	Computer Network	100.00	6EC 4-02	Computer Network
	6EC 4-03	Fiber Optics Communications		6EC 4-03	Fiber Optics Communications
	6EC 4-04	Antennas and Propagation		6EC 4-04	Antennas and Propagation
Electronics &	6EC 4-05	Information theory and coding	Electronics &	6EC 4-05	Information theory and coding
Communicat	6EC 5-11	Introduction to MEMS	Communicat ion	6EC 5-11	Introduction to MEMS
Engineering	Practicals	& Sessionals	Engineering	Practicals &	
	6EC 4-21	Computer Network Lab		6EC 4-21	Computer Network Lab
	6EC 4-22	Antenna and wave propagation Lab		6EC 4-22	Antenna and wave propagation Lab
	6EC 4-23	Electronics Design Lab		6EC 4-23	Electronics Design Lab

Charles and Service and the Control	6EC 4-24	Power Electronics Lab	garteraka sanga at ini kudiga sanga sa *	6EC 4-24	Power Electronic Lab
SEMESTER	VII	Theory Subject	SEMESTER	VII	Theory Subject
	7EC5-11	VLSI Design	/**	7EC5-11	VLSI Design
	7CE6- 60.2	Disaster Management	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7CE6-60.2	Disaster Management
	7AG6- 60.2	Environment Engg and Disaster Management		7AG6-60.2	Environment Engg and Disaster Management
Electronics &		& Sessionals	Electronics &	Practicals &	Sessionals
Communicat	7EC4-21	VLSI Design Lab	Communicat	7EC4-21	VLSI Design Lat
ion Engineering	7EC4-22	Advance communication lab (MATLAB Simulation)	ion Engineering	7EC4-22	Advance communication lab (MATLAB Simulation)
	7EC4-23	Optical Communication Lab		7EC4-23	Optical Communication Lab
	7EC7-30	Industrial Training		7EC7-30	Industrial Training
STATE OF THE STATE	7EC7-40	Seminar		7EC7-40	Seminar
SEMESTER	VIII	Theory Subject	SEMESTER	VIII	Theory Subject
	8EC5-11	Artificial Intelligence And Expert Systems		8EC5-11	Artificial Intelligence And
	8AN6- 60.2	Factor of Human Interactions		8AN6-60.2	Expert Systems Factor of Human Interactions
Electronics &	8TT6- 60.2	Disaster Management	Electronics &	8TT6- 60.2	Disaster Management
Communicat	Danaticala	& Sessionals	Communicat	n	0
ion Engineering	8EC4-21	Internet of Things (IOT) Lab	ion Engineering	Practicals & 8EC4-21	Internet of Things (IOT) Lab
	8EC4-22	Skill Development Lab		8EC4-22	Skill Development Lab
	8EC7-50	Project	\	8EC7-50	Project
SEMESTER	Ш	Theory Subject	SEMESTER	Ш	Theory Subject
	3EE2-01	Advance Mathematics		3EE2-01	Advance Mathematics
Electrical	3EE1-02	Technical Communication	Electrical	3EE1-02	Technical Communication
Engineering	3EE3-04	Power generation Process	Engineering	3EE3-04	Power generatio Process
	3EE4-05	Electrical Circuit Analysis		3EE4-05	Electrical Circuit Analysis

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SEMESTER
Electrical
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Electrical
Electrical Engineering
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	5EE4-21	Power System - I Lab		5EE4-21	Power System - I Lab
	5EE4-22	Control System Lab		5EE4-22	Control System
	5EE4-23	Microprocessor Lab		5EE4-23	Microprocessor Lab
	5EE4-24	System Programming Lab		5EE4-24	System Programming Lal
	5EE7-30	Industrial Training		5EE7-30	Industrial Trainin
SEMESTER	VI	Theory Subject	SEMESTER	VI	Theory Subject
	6EE3-01	Computer Architecture		6EE3-01	Computer Architecture
	6EE4-02	Power System - II		6EE4-02	Power System - I
	6EE4-03	Power System Protection		6EE4-03	Power System Protection
	6EE4-04	Electrical Energy Conversion and Auditing	THE REPORT OF THE PARTY OF THE	6EE4-04	Electrical Energy Conversion and Auditing
	6EE4-05	Electric Drives		6EE4-05	Electric Drives
Electrical Engineering	6EE5-11	Power System Planning.	Electrical Engineering	6EE5-11	Power System Planning.
	Practicals	& Sessionals		Practicals &	CERTIFICATION OF THE PROPERTY
	6EE4-21	Power System - II Lab		6EE4-21	Power System - I Lab
	6EE4-22	Electric Drives Lab		6EE4-22	Electric Drives Lab
	6EE4-23	Power System Protection Lab		6EE4-23	Power System Protection Lab
	6EE4-24	Modelling and simulation lab		6EE4-24	Modelling and simulation lab
SEMESTER		Theory Subject	SEMESTER	VII	Theory Subject
	7CE6- 60.2	Disaster Management		7CE6-60.2	Disaster Management
	7AG6- 60.2	Environment Engg and Disaster Management		7AG6-60.2	Environment Engg and Disaster Management
	7EE5-11	Wind and Solar Energy Systems		7EE5-11	Wind and Solar Energy Systems
Electrical Engineering			Electrical Engineering		
	Depositorio	& Sessionals	Engineering		
	7EE4-21	Embedded Systems Lab		Practicals & 7EE4-21	Embedded
	7EE4-22	Advance control system lab		7EE4-22	Systems Lab Advance control system lab
America de la companya de la company	7EE7-30	Industrial Training		7EE7-30	Industrial Training

	7EE7-40	Seminar		7EE7-40	Seminar
SEMESTER	VIII	Theory Subject	SEMESTER	VIII	Theory Subject
	8EE4-11	HVDC Transmisssion System		8EE4-11	HVDC Transmisssion System
	8AN6- 60.2	Factor of Human Interactions		8AN6-60.2	Factor of Human Interactions
Electrical	8TT6- 60.2	Disaster Management		8TT6- 60.2	Disaster Management
Engineering	Practicals	& Sessionals	Electrical Engineering	Practicals &	
	8EE4-21	Energy Systems Lab		8EE4-21	Energy Systems
	8EE7-50	Project Project		8EE7-50	Lab Project
SEMESTER		Theory Subject	SEMESTER	Ш	Theory Subject
	3EX2-01	Advance Mathematics	Electrical & Electronics Engineering	3EX2-01	Advance Mathematics
	3EX1-02	Technical Communication		3EX1-02	Technical Communication
	3EX3-04	Power generation Process		3EX3-04	Power generatio Process
	3EX4-05	Electrical Circuit Analysis		3EX4-05	Electrical Circuit Analysis
Electrical &	3EX4-06	Analog Electronics		3EX4-06	Analog Electronics
Electronics Engineering	3EX4-07	Electrical Machine - I		3EX4-07	Electrical Machine - I
	3EX4-08	Electromagnetic Field		3EX4-08	Electromagnetic Field
	Practicals	& Sessionals		Practicals &	THE RESERVE OF THE PARTY OF THE
	3EX4-21	Analog Electronics Lab		3EX4-21	Analog Electronics Lab
	3EX4-22	Electrical Machine-I Lab		3EX4-22	Electrical Machine-I Lab
	3EX4-23	Electrical circuit design Lab		3EX4-23	Electrical circuit design Lab
20 - 50 10 20 20 20 20 20 20 20 20 20 20 20 20 20	3EX7-30	Training Seminar		3EX7-30	Training Seminar
SEMESTER	IV	Theory Subject	SEMESTER	IV	Theory Subject
	4EX2-01	Biology		4EX2-01	Biology
Electrical & Electronics Engineering	4EX1-03	Managerial Economics and Financial Accounting	Electrical & Electronics Engineering	4EX1-03	Managerial Economics and Financial Accounting
	4EX3-04	Electronic Measurement &		4EX3-04	Electronic

		'Instrumentation			Measurement & Instrumentation
	4EX4-05	Electrical Machine - II	Tarrens 7	4EX4-05	Electrical Machine - II
	4EX4-06	Power Electronics	e de la companya de	4EX4-06	Power Electronic
	4EX4-07	Signals & Systems		4EX4-07	Signals & System
elbis, I	4EX4-07	Digital Electronics	THE SHARE	4EX4-08	Digital Electronic
		& Sessionals		Practicals &	
	4EX4-21	Electrical Machine - IILab		4EX4-21	Electrical Machine - IILab
	4EX4-22	Power Electronics Lab		4EX4-22	Power Electronic Lab
	4EX4-23	Digital Electronics Lab		4EX4-23	Digital Electronic
	4EX4-24	Measurement Lab		4EX4-24	Measurement Lab
SEMESTER	V	Theory Subject	SEMESTER	V	Theory Subject
	5EX3-01	Neural Network		5EX3-01	Neural Network
	5EX4-02	Power System - I		5EX4-02	Power System - I
	5EX4-03	Control System		5EX4-03	Control System
	5EX4-04	Microprocesssor		5EX4-04	Microprocesssor
	5EX4-05	Analog Communication		5EX4-05	Analog Communication
Electrical &	5EX5-13	Introduction to VLSI	Electrical &	5EX5-13	Introduction to VLSI
Electronics	Practicals	& Sessionals	Electronics	Practicals &	CHARLEST AND ADDRESS OF THE PARTY OF THE PAR
Engineering	5EX4-21	Power System - I Lab	Engineering	5EX4-21	Power System - Lab
	5EX4-22	Control System Lab		5EX4-22	Control System Lab
	5EX4-23	Microprocessor Lab	5	5EX4-23	Microprocessor Lab
	5EX4-24	Communication Lab		5EX4-24	Communication Lab
	5EX7-30	Industrial Training		5EX7-30	Industrial Traini
SEMESTER	VI	Theory Subject	SEMESTER	VI	Theory Subject
Electrical & Electronics Engineering	6EX3-01	Computer Architecture		6EX3-01	Computer Architecture
	6EX4-02	Power System - II		6EX4-02	Power System -
	6EX4-03	Power System Protection	Electrical &	6EX4-03	Power System Protection
	6EX4-04	Data Base Management System	Electronics Engineering	6EX4-04	Data Base Management System
	6EX4-05	Electric Drives		6EX4-05	Electric Drives
	6EX5-12	Smart Grid Technology.		6EX5-12	Smart Grid Technology.

100-220-11	Drantia	ls & Sessionals			
				Practicals	& Sessionals
	6EX4-21	Power System - II Lab		6EX4-21	Power System - Lab
	6EX4-22	Electric Drives Lab		6EX4-22	Electric Drives
	6EX4-23	Power System Protection Lab		6EX4-23	Power System Protection Lab
	6EX4-24	EN FOR INCHES AND DESCRIPTION OF VEHICLE AND ADDRESS OF THE PROPERTY OF THE PR	Mark San San	6EX4-24	Modelling and simulation lab
SEMESTER	VII	Theory Subject	SEMESTER	VII	SOM PROPERTY AND ADDRESS OF THE PARTY OF THE
1	7EX5-11	Digital Signal Processing		7EX5-11	Digital Signal
	7CE6- 60.2	Disaster Management	Electrical & Electronics	7CE6-60.2	Processing Disaster Management
	7AG6- 60.2	Environmental Engineering and Disaster Management		7AG6-60.2	Environmental Engineering and Disaster Management
Electrical & Electronics	7EX5-13	Image Processing & Pattern Recognitions		7EX5-13	Image Processing & Pattern Recognitions
Engineering		A COMPANY OF THE COMP	Engineering		
	Practicals	& Sessionals			
	7EX4-21	DBMS Lab		Practicals 8	
	7EX4-22	Advanced Control System Lab		7EX4-21 7EX4-22	DBMS Lab Advanced Contro
	7EX7-30	Industrial Training		7EX7-30	System Lab Industrial
	7EX7-40	Seminar		7EX7-40	Training Seminar
SEMESTER	VIII	Theory Subject	SEMESTER	VIII	
	8EX4-01		SAMESI, SA		Theory Subject Digital Communication
	8AN6-	Digital Communication and Information Theory	Electrical & Electronics	8EX4-01	and Information Theory
	60.2 8TT6-	Factor of Human Interactions		8AN6-60.2	Factor of Human Interactions
Electrical & Electronics	60.2	Disaster Management		8TT6- 60.2	Disaster Management
Engineering	Practicals	& Sessionals	Engineering		
	Hamman de Falleren	C. EC. S. C. L. C. S. C.		Practicals &	AND DESCRIPTION OF THE PARTY OF
	8EX4-21 8EX7-50	Embedded Systems Lab		8EX4-21	Embedded Systems Lab
	JE21-30	Project	T. T. T. T.	8EX7-50	Project
SEMESTER		Theory Subject	SEMESTER		Thom S.L.
Mechanical Engineering	3ME-201	Advanced Engineering Mathematics	Mechanical Engineering	3ME-201	Theory Subject Advanced Engineering

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	3ME-102	Technical Communication		3ME-102	Technical Communication
	3ME3-04	Engineering Mechanics		3ME3-04	Engineering Mechanics
	3ME4-05	Engineering Thermodynamics		3ME4-05	Engineering Thermodynamic
	3ME4-06	Material Science Engineering	in a supplementation	3ME4-06	Material Science Engineering
	3ME4-07	Mechanics of Solids		3ME4-07	Mechanics of Solids
	Practicals	& Sessionals		Practicals &	Sessionals
	3ME4-21	Mechine Drawing Practice	Decision and the second	3ME4-21	Mechine Drawin Practice
	3ME4-22	Material Testing Lab		3ME4-22	Material Testing Lab
	3ME4-23	Basic Mechanical Engineering Lab		3ME4-23	Basic Mechanica Engineering Lab
	3ME4-24	Programming Using MATLAB		3ME4-24	Programming Using MATLAB
	3ME7-30	Industrial Training		3ME7-30	Industrial Training
SEMESTER	IV	Theory Subject	SEMESTER	IV	Theory Subject
	4ME2-01	Data Analytics	Mechanical Engineering	4ME2-01	Data Analytics
	4ME1-03	Managerial Economics and Financial Accounting		4ME1-03	Managerial Economics and Financial Accounting
	4ME3-04	Digital Electronics		4ME3-04	Digital Electronics
	4ME4-05	Fluid Mechanics & Machines		4ME4-05	Fluid Mechanics & Machines
Mechanical	4ME4-06	Manufacturing Processes		4ME4-06	Manufacturing Processes
Engineering	4ME4-07	Theory of Machines		4ME4-07	Theory of Machines
	Practicals	& Sessionals		Practicals &	Sessionals
	4ME3-21	Digital Electronics Lab		4ME3-21	Digital Electronics Lab
	4ME4-22	Fluid Mechanics Lab		4ME4-22	Fluid Mechanics Lab
	4ME4-23	Production practice-I		4ME4-23	Production practice-I
	4ME4-24	Theory of Machine Lab		4ME4-24	Theory of Machine Lab
SEMESTER	V	Theory Subject	SEMESTER	V	Theory Subject
Mechanical	5ME3-01	Mechatronics System	Mechanical	5ME3-01	Mechatronics System
			Engineering		
Mechanical Engineering	5ME4-02 5ME4-03	Heat Transfer	Engineering	5ME4-02	Heat Transfer

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535 W F 31	5ME4-04	Design of Machine Element-I		5ME4-04	Technology Design of Machine Element-I
	5ME4-05	Principles of Management		5ME4-05	Principles of Management
	5ME5-12	Automobile Engineering		5ME5-12	Automobile Engineering
		s & Sessionals		Practicals	& Sessionals
	5ME3-21	Mechatronics Lab		5ME3-21	Mechatronics La
	5ME4-22	Heat Transfer Lab		5ME4-22	Heat Transfer La
	5ME4-23	Production Engineering Lab		5ME4-23	Production Engineering Lab
	5ME4-24	Machine Design Practice-I		5ME4-24	Machine Design Practice-I
SEMESTOR	5ME7-30	Industrial Training		5ME7-30	Industrial Training
MOINTENESTICK	VI	Theory Subject	SEMESTER	VI	Theory Subject
	6ME3-01	Measurement & Metrology	Mechanical Engineering	6ME3-01	Measurement & Metrology
	6ME4-02	Computer Integrated Manufacturing System		6ME4-02	Computer Integrated Manufacturing System
	6ME4-03	Vibration Engineering		6ME4-03	Vibration Engineering
	6ME4-04	Design of Machine Element-II		6ME4-04	Design of Machine Element-II
Mechanical	6ME4-05	Quality Management		6ME4-05	Quality Management
Engineering	6ME5-11	Refrigeration & Air Conditioning		6ME5-11	Refrigeration & Air Conditioning
	Practicals	& Sessionals		Practicals &	
	6ME4-21	Computer Integrated Manufacturing Lab		6ME4-21	Computer Integrated Manufacturing Lab
	6ME4-22	Vibration Engineering Lab		6ME4-22	Vibration Engineering Lab
	6ME4-23	Machine Design Practice – II		6ME4-23	Machine Design Practice – II
	6ME4-24	Thermal Engineering Lab-1		6ME4-24	Thermal Engineering Lab-
SEMESTER	VII	Theory Subject	SEMESTER	VII	Theory Subject
Macha	7ME5-11	IC Engine		7ME5-11	IC Engine
Mechanical Engineering	7AG6- 60.1	Human Engineering and Safety	Mechanical Engineering	7AG6-60.1	Human Engineering and Safety

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	60.2			60.2	Management
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	Practicals	& Sessionals		Practicals &	The same of the sa
	7ME4-21	FEA Lab		7ME4-21	FEA Lab
	7ME4-22			7ME4-22	Thermal Engineering Lab
1000 A		Thermal Engineering Lab II			AND DESCRIPTION OF THE PARTY OF
	7ME4-23	Quality Control Lab		7ME4-23	Quality Control Lab
	7ME7-30	Industrial Training		7ME7-30	Industrial Training
	7ME7-40	Seminar		7ME7-40	Seminar
SEMESTER	VIII	Theory Subject	SEMESTER	VIII	Theory Subject
	8ME5-12	Supply and Operations Management		8ME5-12	Supply and Operations Management
787	8TT6- 60.2	Disaster Management		8TT6-60.2	Disaster Management
Mechanical			Mechanical	B. Handel Later Selv.	
Engineering	Practicals	& Sessionals	Engineering	Practicals 8	THE RESERVE OF THE PARTY OF THE
	8ME4-21	Industrial Engineering Lab		8ME4-21	Industrial Engineering Lab
	8ME4-22	Metrology Lab		8ME4-22	Metrology Lab
				8ME7-50	Project
	8ME7-50	Project		OIVIL 1-30	Troject
	8ME7-50	Project		GIVIL 7-30	Troject