

Ph: 08415-222491/92 Fax: 08415-222700

ACCREDITED

SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY

(Sponsored by St. VINCENT EDUCATIONAL SOCIETY)

Regd. No. 5782/2000



Kondapur Village, Ghatkesar Mandal, Medchal District (Old R.R. Dist) - 501 301. T.S

1.1 List of courses offered across all programs during last five years

Program	Program	Course code	Course Name	
code	name			Year of
				introductio
			2016 - 2017	T T
		ME105ES	Engineering Mechanics	-
		ME106ES	Engineering Graphics	
		MA101BS	Mathematics-I	
		MA102BS	Mathematics-II	
7		PH103BS	Engineering Physics	-
		CS104ES	Computer Programming in C	
		PH107BS	Engineering Physics Lab	
		CS108ES	Computer Programming in C Lab	2016
		AP201BS	Applied Physics	
		CH202BS	Engineering Chemistry	
		MA203BS	Mathematics-III	
		EN204HS	Professional Communication in English	
	B.Tech- CE	EE205ES	Basic Electrical and Electronics Engineering	
		CH206BS	Engineering Chemistry Lab	
01		EN207HS	English Language Communication Skills Lab	
		ME208ES	Engineering Workshop	
		A30107	Strength of Materials-I	
		A30108	Surveying Surveying	
		A30101	Fluid Mechanics	
		A30006	Mathematics-II	
		A30203	Electrical and Electronics Engineering	
		A30010	Managerial Economics and Finanical Analysis	
		A30185	Surveyinng lab-I	2015
		A30183	Strength of Materials lab	2013
		A40114	Strength of Materials -II	
		A40111	Hydraulics & Hydraulic Machinery	
		A40115 Stru	Structural Analysis -I	
	7	A40109	Building Materials, Construction & Planning	
		A40186	Computer Aided Drafting of Buildings	1
		A40008	Probability and Statistics	1

	A50118	Engineering Geology	
	A50120	Geotechnical Engineering	
	A50122	Water Resources Engineering - I	
	A50177	Disaster Management	
	A50017	Intellectual Property Rights	
	A50018	Human Values and Professional Ethics	
	A50181	Fluid Mechanics & Hydraulic Machinery Lab	
	A50191	Engineering Geology Lab	
	A60130	Steel Structures Design and Drawing	7
	A60119	Environmental Engineering	7
	A60132	Transportation Engineering - I	7
	A60120	Foundation Engineering	
	A60131	Structural Analysis -II	
	A60123	Elements of Earthquake Engineering	7
	A60127	Ground Improvement Techniques	_
	A60128	Ground Water Hydrology	
	A60129	Principles of Enterpreneurship	11
	A60086	Advanced Communication Skills Lab	24
	A60124	Environmental Impact Assessment	
	A60194	Geotechnical Engineering Lab	1
	A70140	Remote Sensing & GIS	
	A70143	Transportation Engineering - II	
	A70138	Estimating & Costing	1 4
	A70133	Water Resources Engineering - II	
	A70330	Finite Element Methods	
	A70134	Advanced Foundation Engineering	
	A70145	Watershed Management]
	A70136	Air Pollution and Control	
	A70135	Advanced Structural Design	
	A70137	Earth and Rock fill Dams and Slope Stability	
	A70144	Water Resources Systems Analysis	
	A70139	Industrial Waste Water Treatment	2012
	A70195	Concrete & Highway Materials Lab	2013
	A70192	Environmental Engineering Lab]
	A80151	Rehabilation and Retrofitting of Structures]
	A80148	Geo-Environmental Engineering]
	A80147	Design and Drawing of Irrigation Structures	
	A80141	Solid Waste Management]
	A80150	Prestressed concrete structures	
	A80146	Construction Management]
	A80087	Industry oriented Mini Project	
	A80089	Seminar	
	A80088	Project Work	
	A80090	Comprehensive viva	
B.Tech-	EE106ES	Basic Electrical and Electronics Engineering	2016
EEE	MA101BS	Mathematics-I	2016

CH102BS	Engineering Chemistry	
PH103BS	Engineering Physics-I	
EN104HS	Professional Communication in English	
ME105ES	Engineering Mechanics	
EN107HS	English Language Communication Skills Lab	
ME108ES	Engineering Workshop	
PH201BS	Engineering Physics-II	
MA202BS	Mathematics-II	
MA203BS	Mathematics-III	
CS204ES	Computer Programming in C	
ME205ES	Engineering Graphics	
PH207BS	Engineering Physics Lab	
CS208ES	Computer Programming in C Lab	
CH206BS	Engineering Chemistry Lab	
A30204	Electrical Circuits	
A30403	Electomagnetic Fields	7
A30206	Electrical Machines-I	7
A30007	Mathematics-III	
A30102	Fluid Mechanics & Hydraulic Machinery	_
A30404	Electronic Devices & Circuit	
A30181	Fluid Mechanics & Hydraulic Machinery Lab	-
A30482	Electronic Devices & Circuit Labs	~
A40214	Power Systems -I	
A40010	Managerial Economics & Financial Analysis	
A40413	Electronic Circuits	1
A40407	Switching Theory and Logic Design	
A40286	Electrical Circuits and Simulation Lab	
A40213	Network Theory	
A40212	Electrical Machines-II	
A40287	Electrical Machines Lab -I	
A50221	Power Systems -II	2013
A50423	IC Applications	7
A50014	Management Science	7
A50086	Advanced Communication Skills Lab	-
A50211	Control Systems	-
A50220	Power Electronics	7
A50218	Electrical Machines - III	-
A50289	Electrical Machines Lab -II	-
A60223	Electrical and Electronics Instrumentation	-
A60430	Microprocessor and Interfacing Devices	-
A60009	Environmental Studies	1
A60117	Disaster Management	1
A60017	Intellectual Property Rights	-
A60018	Human Values and Professional Ethics	
A60225	Static Drives	
A60222	Computer Methods in Power Systems	-
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E.	T.			
		A60290	Control Systems and Simulation Lab	
		A60291	Power Electronics and Simulation Lab	
		A70231	Switch Gear and Protection	
		A70232	Utilization of Electrical Energy	
		A70230	Power System Operation and Control	
		A70228	High Voltage Engineering	
		A70421	Digital Signal Processing	
		A70432	VLSI Design]
		A70435	Digital Control System	
		A70229	Optimisation Techniques	
		A70227	Electrical Estimation & Costing	
		A70498	Microprocessor and Interfacing Devices Lab	1
		A70293	Electrical Measurements Lab	
		A80238	Neural Networks and Fuzzy Logic	1
		A80324	Renewable Energy Sources	1
		A80244	Principles of Reliabilty Engineering	
		A80234	Advanced Control System	1
1		A82909	Nanotechnology	1
		A70226	Electrical Distribution Systems	
		A80237	Fundamentals of HVDC and FACTS Devices	1
		A80235	EHV AC Transmission	
İ		A80087	Industry Oriented Mini Project	
		A80089	Seminar	
		A80088	Project Work	1
		A80090	Comprehensive Viva Voice	
		ME105ES	Engineering Mechanics	
		MA101BS	Mathematics-I	1
		MA102BS	Mathematics-II	
		PH103BS	Engineering Physics	
		CS104ES	Computer Programming in C	7
		PH107BS	Engineering Physics Lab	
		CS108ES	Computer Programming in C Lab	
		AP201BS	Applied Physics	
		CH202BS	Engineering Chemistry	
		MA203BS	Mathematics-III	
03	B.Tech-	EN204HS	Professional Communication in English	2016
	ME	EE205ES	Basic Electrical and Electronics Engineering	2016
		CH206BS		į
		EN207HS	Engineering Chemistry Lab	
	}	ME106ES	English Language Communication Skills Lab	
			Engineering Graphics	
		ME208ES	Engineering Workshop	
		A30104	Mechanics of Solids	
		A30009	Environmental Studies	
		A30008	Probability and Statistics	
		A30203	Electrical and Electronics Engineering	
		A30281	Electrical and Electronics Engineering Lab	

A30306	Thermodynamics	
A31803	Metallurgy and Materials Science	-
A31803	Metallurgy & Mechanics of Solids Lab	
A40312	Production Technology	-
A40309	Kinematics of Machinery	-
A40313	Thermal Engineering -I	-
A40112	Mechanics of Fluids and Hydraulic Machines	1
A40006	Mathematics-II	1
A40310	Machine Drawing	1
A40382	Production Technology Lab	-
A40188	Mechanics of Fluids & Hydraulic Machines Lab	1
A50318	Engineering Metrology	
A50317	Dynamics of Machinery	1
A50321	Machine Tools	1
A50316	Design of Machine Members-I	
A50326	Thermal Engineering -II	1
A50384	Machine Tools & Metrology Lab	1
A50010	Managerial Economics & Financial Analysis	
A60117	Disaster Management	1
A60017	Intellectual Property Rights	1
A60018	Human Values and Professional Ethics	1
A60086	Advanced Communication Skills Lab	1
A50383	Thermal Engineering Lab	1
A62405	Automobile Engineering	
A60330	Finite Element Methods	1
A60334	Refrigeration and Air Conditioning	1
A60329	Design of Machine Members – II	1
A60331	Heat Transfer	1
A60387	Heat Transfer Lab	2013
A70353	Power Plant Engineering	1
A70328	CAD/CAM	1
A70343	Instrumentation and Control Systems	
A70352	Operation Research]
A70332	Industrial Management	Ì
A80527	Artificial Neural Netwroks	1
A80367	Total Quality Management	
A80363	Maintanence & Safety Engineering	1
A80365	Plant Layout & Material Handling	1
A70355	Robotics	
A70346	Mechanical Vibrations	
A70348	Mechatronics	
A70347	Mechanics of Composite Materials	7.2
A70332	Industrial Management	
A70359	Unconventional Machining Processes	
A70337	CNC Technology	
A70336	Automation in Manufacturing	

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1	1	A70339	Design for Manufacturing	
		A72909	Nanotechnology	
		A70390	Computer Aided Design & Manufacturing Lab	
			Production Drawing Practice and	
		A70391	Instrumentation Lab	
		A80366	Production Planning and Control	
		A80324	Renewable Energy Sources	
Ĭ.		A80362	Jet Propulsion & Rocket Engineering	
		A80338	Computational Fluid Dynamics	
		A80361	Gas Dynamics	
		A80087	Industry Oriented Mini Project	
		A80089	Seminar	
		A80088	Project Work	
		A80090	Comprehensive Viva	
		EE106ES	Basic Electrical and Electronics Engineering	
		MA101BS	Mathematics-I	
		CH102BS	Engineering Chemistry	
		PH103BS	Engineering Chemistry Engineering Physics-I	
		EN104HS		
		ME105ES	Professional Communication in English	
		EN107HS	Engineering Mechanics	
			English Language Communication Skills Lab	
		ME108ES	Engineering Workshop	
		PH201BS	Engineering Physics-II	
		MA202BS	Mathematics-II	
		MA203BS	Mathematics-III	
	1	CS204ES	Computer Programming in C	
	1	ME205ES	Engineering Graphics	
		PH207BS	Engineering Physics Lab	
	1	CS208ES	Computer Programming in C Lab	2016
04	B.Tech-	CH206BS	Engineering Chemistry Lab	
	ECE	A30405	Probability Theory and Stochastic Processes	
		A30007	Mathematics-III	
		A30204	Electrical Ciruits	
		A30407	Switching Theory and Logic Design	
	! .	A30404	Electronic Devices and Circuits	
		A30406	Signals and Systems	
		A30482	Electronic Devices and Circuits Lab.	
	ļ [A30481	Basic Simulation Lab	
		A40412	Electronic Circuit Analysis	
		A40415	Pulse and Digital Circuits	
] [A40411	Electromagnetic Theory and Transmission Lines	
		A40410	Digital Design using Verilog HDL	
		A40484	Electronic Circuits and Pulse Circuits Lab	
		A50217	Control Systems Engineering	
		A50418	Antennas and Wave Propagation	2012
	-	A50408	Analog Communications	2013

A50425	Linear and Digital IC Applications
A50482	Analog Communications Lab
A50488	IC Applications and HDL Simulation Lab
A60420	Digital Communications
A60432	VLSI Design
A40215	Principles of Electrical Engineering
A40009	Environmental Studies
A40288	Electrical Technology lab
A60430	Microprocessors and Microcontrollers
A60421	Digital Signal Processing
A60494	Microprocessors and Microcontrollers Lab
A60493	Digital Signal Processing Lab
A60010	Managerial Economics & Financial Analysis
A60018	Human Values and Professional Ethics
A60117	Disaster Management
A70014	Management Science
A70515	Computer Networks
A70443	Multimedia & Signal Coding
A70505	Object Oriented Programming Through JAVA
A81102	Biomedical Instrumentation
A80527	Artificial Neural Networks
A80449	Network Security
A60017	Intellectual Property Rights
A50516	Computer Organization & Operating System
A50422	Electronics Measurements & Instrumentation
A70442	Microwave Engineering
A70434	Cellular and Mobile Communications
A70436	Digital Image Processing
A70447	Television Engineering
A70444	Optical Communications
A70440	Embedded Systems Design
	Microwave Engineering and Digital
A70499	Communications Lab
A80452	Satellite Communications
	Telecommunication Switching Systems and
A80431	Networks
A80450	Radar Systems
A80454	Wireless Communications and Networks
A80437	Digital Signal Processors and Architectures
A80451	RF Circuit Design
A80087	Industry Oriented Mini Project
A80089	Seminar
A80088	Major Project Work
A80090	Comprehensive Viva
CS204ES	Computer Programming in C
EE106ES	Basic Electrical and Electronics Engineering

Principal
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Kondanur (V) Ghatkerer (A) Marchal II all a

2016

B.Tech-

CSE

MA101BS	Mathematics-I	1
CH102BS	Engineering Chemistry	
PH103BS	Engineering Physics-I	
EN104HS	Professional Communication in English	
ME105ES	Engineering Mechanics	
EN107HS	English Language Communication Skills Lab	
ME108ES	Engineering Workshop	7
PH201BS	Engineering Physics-II	
MA202BS	Mathematics-II	1
MA203BS	Mathematics-III	
ME205ES	Engineering Graphics	
PH207BS	Engineering Physics Lab	
CH206BS	Engineering Chemistry Lab	-
CS208ES	Computer Programming in C Lab	-
A30502	Data Structures	1
A30008	Probability and Statistics	
	Mathematical Foundations of Computer	-
A30504	Science	
A30401	Digital Logic Design	
A30404	Electronics Devices & Circuits	-
A30202	Basic Electrical Engineering	
A40009	Environmental Studies	-
A60010	Managerial Economics & Financial Analysis	
A60086	Advanced Communication Skills Lab	1
A70352	Operation Research	-
A80014	Management Science	-
A80439	Embedded Systems	-
A30282	Electrical and Electronics Lab	
A30582	Data Structures Lab	1
A40506	Computer Organization	-
A40507	Database Management Systems	-
A40503	Java Programming	-
A40509	Formal Languages and Automata Theory	-
A40508	Design and Analysis of Algorithms	-
A40585	Java Programming Lab	-
A40584	Database Management Systems Lab	9
A50511	Principles of Programming Languages	
A50518	Software Engineering	-
A50514	Compiler Design	-
A50510	Operating Systems	-
		-
		2013
		-
		-
		-
		-
A50510 A50515 A50589 A50587 A60521 A60522 A60524	Operating Systems Computer Networks Operating Systems Lab Compiler Design Lab Distributed Systems Information Security Object Oriented Analysis and Design	2013

	1	A60525	Software Testing Methodologies	1
		A50018	Human Values and Professional Ethics	
		A50017	Intellectual Property Rights	
		A50117	Disaster Management	
		A60512	Web Technologies	\dashv
		A60591	Case Tools and Web Technologies Lab	
		A70511	Linux Programming	
		A70530	Design Patterns	-
		A70520	Data Warehousing and Data Mining	-
1		A70519	Cloud Computing	-
		A70540	Software Project Management	-
		A70532	Image processing and Pattern Recognition	-
		A70536	Mobile Computing	-
11		A70534	Machine Learning	-
		A70539	Soft Computing	-
		A70533	Information Retrieval Systems	
		A70526	Artificial Intelligence	
9		A70628	Computer Forensics	-
		A70596	Linux Programming Lab	-
		A70595	Data Warehousing and Mining Lab	-
		A80551	Web Services	-
		A80538	Semantic Web and Social Networks	-
		A80537	Scripting Languages	-
		A80547	Multimedia & Rich Internet Applications	-
		A80542	Ad hoc and Sensor Networks	-
1		A80550	Storage Area Networks	
		A80543	Database Security	-
		A80087	Industry Oriented Mini Project	-
		A80089	Seminar	-
		A80088	Project Work	-
		A80090	Comprehensive Viva	-
		Core Course		
		II	Management and Organisational Behaviour	
		Laboratory	Statical Data Analysis Lab	-
		Core Course	Statical Data Alialysis LdD	-
		ll ll	Business Laws & Business Environment	
		Core Course	pasificas raws & pasificas clivitolillient	-
		III	Managerial Economics	
EO	MBA	Core Course	Tranagena Economics	2045
		IV	Financial Accounting & Analysis	2015
		Core Course	- martialar Accounting of Analysis	-
		V	Statistics for Management	
	-	Open Elective		-
			Cross Culture Management	
		Open Elective		-
		1	WTO & IPR	
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Open Elective	r .
	Total Quality Management
Open Elective	
1	Project Management
Seminar	Business Communication- Seminar
Core Course I	Human Resource Management
Core Course	
	Marketing Management
Core Course	Singuist Manager
Core Course	Financial Management
V Core Course	Quantitative Analysis for Business Desiring
Open Elective	Quantitative Analysis for Business Decisions
I Den Liective	MIS & ERP
Open Elective	WID & EAT
I	Foreign Trade
Open Elective	
1	Banking,Insurance & Risk Management
Open Elective	O, The state of th
1	Logistics & Supply Chain Management
Open Elective	3
1	MSME Management
Laboratory	Annual Report Analysis Lab
Seminar	Summer Internship - Seminar
Core Course I	Production & Operations Management
Core Course	,
- U	Stragegic Management
Core Course	
III	Research Methodology
Core Elective	
	(MRKG/HRM/FIN/SYS)
Core Elective	to appear to the safety to the
II Core Elective	(MRKG/HRM/FIN/SYS)
Core Elective	(NADVC/LIDBA/FINI/CVC)
Seminar	(MRKG/HRM/FIN/SYS)
Seminar	Personal Effectiveness - Seminar Business Best Practices and Success
Seminar	Stories of Emerging Leaders - Seminar
Core Course I	Entreprenuership
Core Course	and optionacionip
II	Management of Technology
Core Elective	The state of reciniology
IV	(MRKG/HRM/FIN/SYS)
Core Elective	Construction of the state of th
V	(MRKG/HRM/FIN/SYS)
Core Elective	, , , , , , , , , , , , , , , , , , , ,
VI	(MRKG/HRM/FIN/SYS)
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Seminar	Pre Submission of Project –Seminar
Seminar	Comprehensive Viva
Seminar	Project
Marketing	
Electives	Consumer Behaviour
Marketing	Pate
Electives	Sales and Distribution
Marketing	
Electives	Integrated Marketing Communications
Marketing	
Electives	Retailing Management
Marketing	
Electives	Services Marketing
Marketing	
Electives	International Marketing
Finance	0
Electives	Strategic Management Accounting
Finance	
Electives	Security Analysis and Portfolio Management
Finance	
Elective	Finance Institutions, Markets & Services
Finance	
Elective	Strategic Investment and Financing Decisions
Finance	
Elective	International Financial Management
Finance	
Elective	Financial Derivatives
HR Elective	Performance Management
HR Elective	Training and Development
HR Elective	Management of Industrial Relations
HR Elective	Compensation & Reward Management
HR Elective	International Human Resource Management
HR Elective	Leadership & Change Management
Systems	
Elective	Business Intelligence
Systems	
Elective	Database Management Systems
Systems	
Elective	Decision Support Systems
Systems	
Elective	E-Business
Systems	
· I	Knowledge Management
Elective	
Elective Systems	

ME105ES	Engineering Mechanics
MA101BS	Mathematics-I
MA102BS	Mathematics-II
PH103BS	Engineering Physics
CS104ES	Computer Programming in C
PH107BS	Engineering Physics Lab
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AP201BS	Applied Physics
CH202BS	Engineering Chemistry
MA203BS	Mathematics-III
EN204HS	Professional Communication in English
EE205ES	Basic Electrical and Electronics Engineering
CH206BS	Engineering Chemistry Lab
EN207HS	English Language Communication Skills Lab
ME208ES	Engineering Workshop
ME106ES	Engineering Graphics
CE302ES	Strength of Materials - I
MA301BS	Mathematics-IV
MC300HS	Gender Sensitization Lab
CE303ES	Fluid Mechanics - I
	Building Materials, Construction and
CE304ES	Planning
CE305ES	Surveying
CE306ES	Strength of Material Lab
CE307ES	Computer Aided Drafting Lab
CE308ES	Surveying Lab - I
SM405MS	Business Economics and Financial Analysis
MC400ES	Environmental science and Technology
CE401ES	Strength of Material - II
CE402ES	Fluid Mechanics - II
CE403ES	Structural Analysis
CV404ES	Engineering Geology
CE406ES	Fluid Mechanics Lab
CE408ES	Surveying Lab - II
CV407ES	Engineering Geology Lab
A50116	Concrete Technology
	Reinforced Concrete Structures Design and
A50121	Drawing
A50017	Intellectual Property rights
A50018	Human Values and Professional Rights
A50118	Engineering Geology
A50120	Geotechnical Engineering
A50122	Water Resources Engineering-I
A50117	Disaster Management
A50181	Fluid Mechanics & Hydraulic Machinery Lab
A50191	Engineering Geology Lab
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		A60130	Steel Structures Design and Drawing
		A60119	Environmental Engineering
		A60132	Transportation Engineering -I
	1	A60126	Foundation Engineering
		A60129	Principles of Entrepreneurship
		A60131	Structural Analysis -II
		A60086	Advanced communcations skills
		A60123	Elements of Earthquake Engineering
		A60127	Ground Improvement Techniques
		A60128	Ground Water Hydrology
		A60124	Environmental Impact Assessment
		A60194	Geotechnical Engineering Lab
		A70140	Remote Sensing & GIS
		A70143	Transportation Engineering -II
		A70138	Estimating & Costing
		A70133	Water Resources Engineering-II
		A70330	Finite Element Methods
		A70134	Advanced Foundation Engineering
		A70145	Watershed Management
		A70136	Air Pollution and Control
		A70135	Advanced Structural Design
		A70137	Earth and Rock fill Dams and Slope Stability
		A70144	Water Resources Systems Analysis
		A70139	Industrial Waste Water Treatment
		A70195	Concrete & Highway Materials Lab
		A70192	Environmental Engineering Lab
		A80151	Rehabilitation and Retrofitting of Structures
		A80148	Geo-Environmental Engineering
		A80150	Design and Drawing of Irrigation Structures
		A80141	Solid Waste Management
		A80150	Prestressed Concrete Structures
	[A80146	Construction Management
		A80087	Industry Oriented Mini project
		A80088	Project Work
		A80090	Comprehensive viva
		A80089	Seminar
		EE106ES	Basic Electrical and Electronics Engineering
		MA101BS	Mathematics-I
		CH102BS	Engineering Chemistry
		PH103BS	Engineering Physics-I
02	B.Tech-	EN104HS	Professional Communication in English
80/51	EEE	ME105ES	Engineering Mechanics
	L	EN107HS	English Language Communication Skills Lab
	<u> </u>	ME108ES	Engineering Workshop
	_	PH201BS	Engineering Physics-II
		MA202BS	Mathematics-II

_				
	MA203BS	Mathematics-III		
CS204ES		Computer Programming in C		
ME205ES		Engineering Graphics		
PH207BS		Engineering Physics Lab		
	CS208ES	Computer Programming in C Lab		
	CH206BS	Engineering Chemistry Lab		
	EE302ES	Electromagnetic Fields		
	MA301BS	Mathamatics -IV		
	EC306ES	Electronic Devices and Circuits Lab		
	MC300ES	Environmental science and Technology		
	EE303ES	Electrical Machines-I		
	EE304ES	Network Theory		
	EE305ES	Electronic Circuits		
L	EE306ES	Electrical Machines Lab - I		
	EE307ES	Networks Lab		
	EE402ES	Power Systems - I		
	EC401ES	Switching Theory and Logic Design		
	SM405MS	Business Economics and Financial Analysis		
L	MC400HS	Gender Sensitization Lab		
	EE403ES	Electrical Machines – II		
	EE404ES	Control Systems		
L	EE406ES	Control Systems Lab		
	EE407ES	Electrical Machines Lab - II		
L	EE408ES	Electronic Circuits Lab		
L	A30204	Electrical Circuits		
L	A30403	Electomagnetic Fields		
L	A302 <u>0</u> 6	Electrical Machines-I		
L	A30007	Mathematics-III		
-	A30102	Fluid Mechanics & Hydraulic Machinery		
L	A30404	Electronic Devices & Circuit		
L	A30181	Fluid Mechanics & Hydraulic Machinery Lab		
L	A30482	Electronic Devices & Circuit Labs		
L	A40214	Power Systems -I		
L	A40010	Managerial Economics & Financial Analysis		
L	A40413	Electronic Circuits		
L	A40407	Switching Theory and Logic Design		
L	A40286	Electrical Circuits and Simulation Lab		
L	A40213	Network Theory		
L	A40212	Electrical Machines-II		
L	A40287	Electrical Machines Lab -I		
L	A50221	Power Systems -II		
L	A50423	IC Applications		
L	A50014	Management Science		
L	A50086	Advanced Communication Skills Lab		
L	A50211	Control Systems		
	A50220	Power Electronics		

		A50218	Electrical Machines - III
		A50289	Electrical Machines Lab -II
		A60223	Electrical and Electronics Instrumentation
		A60430	Microprocessor and Interfacing Devices
		A60009	Environmental Studies
		A60117	Disaster Management
		A60017	Intellectual Property Rights
		A60018	Human Values and Professional Ethics
		A60225	Static Drives
		A60222	Computer Methods in Power Systems
		A60290	Control Systems and Simulation Lab
		A60291	Power Electronics and Simulation Lab
		A70231	Switch Gear and Protection
		A70232	Utilization of Electrical Energy
		A70230	Power System Operation and Control
		A70228	High Voltage Engineering
		A70421	Digital Signal Processing
		A70432	VLSI Design
		A70435	Digital Control System
		A70229	Optimisation Techniques
		A70227	Electrical Estimation & Costing
		A70498	Microprocessor and Interfacing Devices Lal
		A70293	Electrical Measurements Lab
		A80238	Neural Networks and Fuzzy Logic
		A80324	Renewable Energy Sources
		A80244	Principles of Reliability Engineering
	7	A80234	Advanced Control System
		A82909	Nanotechnology
		A70226	Electrical Distribution Systems
		A80237	
		A80237	Fundamentals of HVDC and FACTS Devices EHV AC Transmission
		A80233 A80087	
			Industry Oriented Mini Project
		A80089 A80088	Seminar
			Project Work
_	-	A80090	Comprehensive Viva Voice
		ME105ES	Engineering Mechanics
	1	MA101BS	Mathematics-I
		MA102BS	Mathematics-II
		PH103BS	Engineering Physics
00		CS104ES	Computer Programming in C
03	B.Tech-ME	PH107BS	Engineering Physics Lab
		CS108ES	Computer Programming in C Lab
		AP201BS	Applied Physics
		CH202BS	Engineering Chemistry
		MA203BS	Mathematics-III
	1	EN204HS	Professional Communication in English

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	EE205ES	Basic Electrical and Electronics Engineering		
	CH206BS	Engineering Chemistry Lab		
	EN207HS	English Language Communication Skills Lab		
	ME106ES	Engineering Graphics		
	ME208ES	Engineering Workshop		
	A30104	Mechanics of Solids		
	A30009	Environmental Studies		
	A30008	Probability and Statistics		
	A30203	Electrical and Electronics Engineering		
	A30281	Electrical and Electronics Engineering Lab		
	A30306	Thermodynamics		
	A31803	Metallurgy and Materials Science		
	A31803	Metallurgy & Mechanics of Solids Lab		
	A40312	Production Technology		
	A40309	Kinematics of Machinery		
	A40313	Thermal Engineering -I		
	A40112	Mechanics of Fluids and Hydraulic Machines		
	A40006	Mathematics-II		
Į	A40310	Machine Drawing		
	A40382	Production Technology Lab		
		Mechanics of Fluids & Hydraulic Machines		
	A40188	Lab		
	A50318	Engineering Metrology		
A50317 Dynamics of Machinery		Dynamics of Machinery		
A50321 Machine Tools		Machine Tools		
	A50316	Design of Machine Members- I		
	A50326	Thermal Engineering -II		
L	A50384	Machine Tools & Metrology Lab		
	A50010	Managerial Economics & Financial Analysis		
L	A60117_	Disaster Management		
	A60017	Intellectual Property Rights		
	A60018	Human Values and Professional Ethics		
L	A60086	Advanced Communication Skills Lab		
	A50383	Thermal Engineering Lab		
	A62405	Automobile Engineering		
	A60330	Finite Element Methods		
	A60334	Refrigeration and Air Conditioning		
	A60329	Design of Machine Members – II		
	A60331	Heat Transfer		
	A60387	Heat Transfer Lab		
	A70353	Power Plant Engineering		
	A70328	CAD/CAM		
1	A70343	Instrumentation and Control Systems		
Γ	A70352	Operation Research		
	A70332	Industrial Management		
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		A80527	Artificial Neural Netwroks
		A80367	Total Quality Management
		A80363	Maintanence & Safety Engineering
		A80365	Plant Layout & Material Handling
		A70355	Robotics
		A70346	Mechanical Vibrations
		A70348	Mechatronics
		A70347	Mechanics of Composite Materials
		A70332	Industrial Management
		A70359	Unconventional Machining Processes
		A70337	CNC Technology
		A70336	Automation in Manufacturing
		A70339	Design for Manufacturing
		A72909	Nanotechnology
			Computer Aided Design & Manufacturing
		A70390	Lab
			Production Drawing Practice and
		A70391	Instrumentation Lab
		A80366	Production Planning and Control
		A80324	Renewable Energy Sources
		A80362	Jet Propulsion & Rocket Engineering
		A80338	Computational Fluid Dynamics
		A80361	Gas Dynamics
		A80087	Industry Oriented Mini Project
	,	A80089	Seminar
		A80088	Project Work
		A80090	Comprehensive Viva
		4	
		EE106ES	Basic Electrical and Electronics Engineering
		MA101BS	Mathematics-I
	1	CH102BS	Engineering Chemistry
		PH103BS	Engineering Physics-I
		EN104HS	Professional Communication in English
		ME105ES	Engineering Mechanics
		EN107HS	English Language Communication Skills Lab
		ME108ES	Engineering Workshop
04	B.Tech-	PH201BS	Engineering Physics-II
04	ECE	MA202BS	Mathematics-II
	1	MA203BS	Mathematics-III
		CS204ES	Computer Programming in C
		ME205ES	Engineering Graphics
	1		
		PH207RS	Engineering Physics Lab
		PH207BS CS208ES	Engineering Physics Lab
		CS208ES	Computer Programming in C Lab

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	A30204	Electrical Ciruits		
A30407		Switching Theory and Logic Design		
A30404		Electronic Devices and Circuits		
A30406		Signals and Systems		
L	A30482	Electronic Devices and Circuits Lab.		
	A30481	Basic Simulation Lab		
L	A40412	Electronic Circuit Analysis		
L	A40415	Pulse and Digital Circuits		
		Electromagnetic Theory and Transmission		
L	A40411	Lines		
L	A40410	Digital Design using Verilog HDL		
	A40484	Electronic Circuits and Pulse Circuits Lab		
	A50217	Control Systems Engineering		
L	A50418	Antennas and Wave Propagation		
	A50408	Analog Communications		
L	A50425	Linear and Digital IC Applications		
	A50482	Analog Communications Lab		
1	A50488	IC Applications and HDL Simulation Lab		
	A60420	Digital Communications		
	A60432	VLSI Design		
	A40215	Principles of Electrical Engineering		
A40009 Environmental Studies				
A40288 Electrical Technology lab		Electrical Technology lab		
A60430 Microprocessors and Microc		Microprocessors and Microcontrollers		
A60421 Digital Signal Processing		Digital Signal Processing		
		Microprocessors and Microcontrollers Lab		
A60493 Digital Signal Processing Lab		Digital Signal Processing Lab		
L	A60010	Managerial Economics & Financial Analysis		
L	A60018	Human Values and Professional Ethics		
	A60117	Disaster Management		
	A70014	Management Science		
	A70515	Computer Networks		
L	A70443	Multimedia & Signal Coding		
		Object Oriented Programming Through		
L	A70505	JAVA		
	A81102	Biomedical Instrumentation		
	A80527	Artificial Neural Networks		
	A80449	Network Security		
	A60017	Intellectual Property Rights		
	A50516	Computer Organization & Operating System		
		Electronics Measurements &		
	A50422	Instrumentation		
	A70442	Microwave Engineering		
	A70434	Cellular and Mobile Communications		
	A70436	Digital Image Processing		

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		A70447	Television Engineering
	la de la companya de	A70444	Optical Communications
		A70440	Embedded Systems Design
		i	Microwave Engineering and Digital
		A70499	Communications Lab
		A80452	Satellite Communications
	9		Telecommunication Switching Systems and
		A80431	Networks
	1	A80450	Radar Systems
		A80454	Wireless Communications and Networks
		A80437	Digital Signal Processors and Architectures
	ga .	A80451	RF Circuit Design
	i	A80087	Industry Oriented Mini Project
		A80089	Seminar
		A80088	Major Project Work
		A80090	Comprehensive Viva
		CS204ES	Computer Programming in C
		EE106ES	Basic Electrical and Electronics Engineering
		MA101BS	Mathematics-I
		CH102BS	Engineering Chemistry
		PH103BS	Engineering Physics-I
		EN104HS	Professional Communication in English
		ME105ES	Engineering Mechanics
		EN107HS	English Language Communication Skills Lab
		ME108ES	Engineering Workshop
		PH201BS	Engineering Physics-II
		MA202BS	Mathematics-II
		MA203BS	Mathematics-III
		ME205ES	Engineering Graphics
	İ	PH207BS	Engineering Chaptiles Engineering Physics Lab
	B.Tech- CSE	CH206BS	
05		CS208ES	Engineering Chemistry Lab
	CSE	A30502	Computer Programming in C Lab
			Data Structures
		A30008	Probability and Statistics
		A20504	Mathematical Foundations of Computer
		A30504	Science
		A30401	Digital Logic Design
		A30404	Electronics Devices & Circuits
		A30202	Basic Electrical Engineering
		A40009	Environmental Studies
		A60010	Managerial Economics & Financial Analysis
		A60086	Advanced Communication Skills Lab
		A70352	Operation Research
		A80014	Management Science
		A80439	Embedded Systems
		A30282	Electrical and Electronics Lab

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	A30582	Data Structures Lab		
	A40506	Computer Organization		
A40507		Database Management Systems		
	A40503	Java Programming		
	A40509	Formal Languages and Automata Theory		
	A40508	Design and Analysis of Algorithms		
	A40585	Java Programming Lab		
	A40584	Database Management Systems Lab		
	A50511	Principles of Programming Languages		
	A50518	Software Engineering		
Ī	A50514	Compiler Design		
	A50510	Operating Systems		
	A50515	Computer Networks		
	A50589	Operating Systems Lab		
	A50587	Compiler Design Lab		
	A60521	Distributed Systems		
	A60522	Information Security		
	A60524	Object Oriented Analysis and Design		
	A60525	Software Testing Methodologies		
	A50018	Human Values and Professional Ethics		
	A50017	Intellectual Property Rights		
	A50117	Disaster Management		
	A60512	Web Technologies		
	A60591	Case Tools and Web Technologies Lab		
	A70511	Linux Programming		
	A70530	Design Patterns		
	A70520	Data Warehousing and Data Mining		
L	A70519	Cloud Computing		
L	A70540	Software Project Management		
L	A70532	Image processing and Pattern Recognition		
L	A70536	Mobile Computing		
L	A70534	Machine Learning		
L	A70539	Soft Computing		
L	A70533	Information Retrieval Systems		
L	A70526	Artificial Intelligence		
L	A70628	Computer Forensics		
L	A70596	Linux Programming Lab		
L	A70595	Data Warehousing and Mining Lab		
L	A80551	Web Services		
L	A80538	Semantic Web and Social Networks		
	A80537	Scripting Languages		
Ĺ	A80547	Multimedia & Rich Internet Applications		
	A80542	Ad hoc and Sensor Networks		
L	A80550	Storage Area Networks		
	A80543	Database Security		
	A80087	Industry Oriented Mini Project		
		y = 100 100 100 100 100 100 100 100 100 1		

	A80089 A80088 A80090	Seminar Project Work Comprehensive Viva
<u>-</u>		<u> </u>
<u></u>	A80090	Comprehensive Vive
<u> </u>		T combiguitions also
	17MBA01	Management and Organisational Behaviour
	17MBA02	Business Economics
	17MBA03	Financial Accounting & Analysis
	17MBA04	Business Statistics
	17MBA06	6A Business Research Methodology
	17MBA07	6B Project Management
	17MBA08	6C Technology Management
	17MBA09	6D Rural Marketing
	17MBA05	Business law and Ethics
	17MBA07	Business communication lab
İ	17MBA08	Human Resource Management
	17MBA09	Marketing Management
	17MBA10	Financial Management
		Quantitative Analysis for
	17MBA11	Business Decisions
	17MBA12	Entrepreneurship
	17MBA13	Total Quality Management
	17MBA13	Corporate Governance
[17MBA13	International Business
	17MBA13	Supply Chain Management
MBA [17MBA14	Summer Internship
*.5	Core Course I	Production & Operations Management
	Core Course	
		Stragegic Management
	Core Course	
Į	111	Research Methodology
Ĺ	Seminar	Personal Effectiveness - Seminar
	Seminar	Business Best Practices and Success
	Seminar	Stories of Emerging Leaders - Seminar
	Core Course I	ENTREPRENUERSHIP
	Core Course	
		Management of Technology
	Seminar	Pre Submission of Project –Seminar
	Seminar	Comprehensive Viva
	Seminar	Project
	Marketing	
	Electives	Consumer Behaviour
Γ	Marketing	
	Electives	Sales and Distribution
	Marketing	
	Electives	Integrated Marketing Communications
	Marketing	Retailing Management
	MBA	17MBA07 17MBA08 17MBA09 17MBA05 17MBA07 17MBA08 17MBA08 17MBA09 17MBA10 17MBA11 17MBA12 17MBA13 17MBA13 17MBA13 17MBA13 17MBA14 Core Course II Core Course III Seminar

Electives	T
Marketing	
Electives	Services Marketing
Marketing	Services Marketing
Electives	International Marketing
Finance	international Marketing
Elective	Strategic Management Accounting
Finance	Strategic Management Accounting
Elective	Security Analysis and Portfolio Management
Finance	Security Analysis and Fortiono Management
Elective	Finance Institutions, Markets & Services
Finance	Strategic Investment and Financing
Elective	Decisions
Finance	
Elective	International Financial Management
Core Elective	
	(MRKG/HRM/FIN/SYS)
Core Elective	
H	(MRKG/HRM/FIN/SYS)
Core Elective	
lli li	(MRKG/HRM/FIN/SYS)
Core Elective	
IV	(MRKG/HRM/FIN/SYS)
Core Elective V	IN ADMIC IN DAY A FEW MONTHS
Core Elective	(MRKG/HRM/FIN/SYS)
VI	(MRKG/HRM/FIN/SYS)
Finance	(WINKO/FIN/515)
Elective	Financial Derivatives
HR Elective	Performance Management
HR Elective	Training and Development
HR Elective	Management of Industrial Relations
HR Elective	Compensation & Reward Management
0 0	International Human Resource
HR Elective	Management
HR Elective	Leadership & Change Management
Systems	and the state of t
Elective	Business Intelligence
Systems	
Elective	Database Management Systems
Systems	
Elective	Decision Support Systems
Systems	
Elective	E-Business
Systems	
Elective	Knowledge Management
Systems	Information Systems, Control And Audit

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	-	Elective	
		14440400	
		MA101BS PH102BS	Mathematics - I
		CS103ES	Engineering Physics
		ME104ES	Programming for Problem Solving Engineering Graphics
		PH105BS	Engineering Graphics Engineering Physics Lab
		CS106ES	Programming for Problem Solving Lab
		*MC109ES	Environmental Science
		MA201BS	Mathematics - II
		CH202BS	Chemistry
		ME203ES	Engineering Mechanics
		ME205ES	Engineering Workshop
		EN205HS	English
		CH206BS	Engineering Chemistry Lab
		EN207HS	English Language and Communication Skil Lab
		CE302ES	Strength of materials-I
		MA301BS	Mathematics-IV
		MC300HS	Gender sensitization lab
	}	CE303ES	Fluid Mechanics-I
			Building Materials, Construction and
		CE304ES	Planning
		CE305ES	Surveying
		CE306ES	Strength Of Material Lab
o1	B.Tech-CE	CE307ES	Computer Aided Drafting Lab
		CE308ES	Surveying-I
		CE401ES	Strength Of Material -II
		CE402ES	Fluid Mechanics-II
		CE403ES	
		SM405MS	Structural Analysis
			Business Economics and Financial Analysis
i		MC400ES	Environmental science and Technology
	}	CE404ES	Engineering Geology
		CE406ES	Fluid Mechanics Lab
		CE408ES	Surveying Lab-II
		CE407ES	Engineering Geology Lab
	ļ	SM504MS	fundamentals of management
		MC500HS	professional ethics
		EN606HS	advanced English communication skills lab
		CE501PC	Concrete Technology
		CE502PC	Design OF Reinforced Concrete Structures
		CE503PC	Water Resources Engineering
	ŀ	CE505PC	Concrete Technology Lab
		CE506PC	Geographical Information Systems Lab
	ŀ	CE507PC	
	-	CE601PC	Hydraulics and Hydraulic Machinery Lab
	-	CE603PC	Design Of Steel Structures
		CEGUSPC	Environmental Engineering

	CE603PC	Soil Mechanics
	CE604PC	Soil Mechanics Lab
	CE605PC	Computer Aided Drafting -!! Lab
	A70140	Remote Sensing & GIS
	A70143	Transportation Engineering -II
	A70138	Estimating & Costing
	A70133	Water Resources Engineering-II
	A70330	Finite Element Methods
	A70134	Advanced Foundation Engineering
	A70145	Watershed Management
	A70136	Air Pollution and Control
	A70135	Advanced Structural Design
	A70137	Earth and Rock fill Dams and Slope Stability
	A70144	Water Resources Systems Analysis
	A70139	Industrial Waste Water Treatment
	A70195	Concrete & Highway Materials Lab
	A70192	Environmental Engineering Lab
	A80151	Rehabilitation and Retrofitting of Structure
	A80148	Geo-Environmental Engineering
	A80147	Design and Drawing of Irrigation Structures
	A80141	Solid Waste Management
İ	A80150	Prestressed Concrete Structures
	A80146	Construction Management
	A80087	Industry Oriented Mini project
	A80089	Seminar
	A80088	Project Work
	A80090	Comprehensive viva

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