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SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY

(Sponsored by St. VINCENT EDUCATIONAL SOCIETY)

Regd. No. 5782/2000



(Approved by AICTE, New Delhi and Affiliated to JNTU, Hyderabad)

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 code	Program name	Course code	Course Name	Year of introduction
2016 - 2017				
O1	B.Tech-CE	ME105ES	Engineering Mechanics	2016
		ME106ES	Engineering Graphics	
		MA101BS	Mathematics-I	
		MA102BS	Mathematics-II	
		PH103BS	Engineering Physics	
		CS104ES	Computer Programming in C	
		PH107BS	Engineering Physics Lab	
		CS108ES	Computer Programming in C Lab	
		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	2015
		A30107	Strength of Materials-I	
		A30108	Surveying	
		A30101	Fluid Mechanics	
		A30006	Mathematics-II	
		A30203	Electrical and Electronics Engineering	
		A30010	Managerial Economics and Financial Analysis	
		A30185	Surveying lab-I	
		A30183	Strength of Materials lab	
		A40114	Strength of Materials -II	
		A40111	Hydraulics & Hydraulic Machinery	
		A40115	Structural Analysis -I	
		A40109	Building Materials, Construction & Planning	
A40186	Computer Aided Drafting of Buildings			
A40008	Probability and Statistics			

Principal

Samskruti College of Engg. & Technology
Kondapur (V), Ghatkesar (M), Medchal Dist.

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	Electromagnetic Fields	
A30206	Electrical Machines-I	
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	
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	
A50014	Management Science	
A50086	Advanced Communication Skills Lab	
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 Lab	
		A70293	Electrical Measurements Lab	
		A80238	Neural Networks and Fuzzy Logic	
		A80324	Renewable Energy Sources	
		A80244	Principles of Reliability Engineering	
		A80234	Advanced Control System	
		A82909	Nanotechnology	
		A70226	Electrical Distribution Systems	
		A80237	Fundamentals of HVDC and FACTS Devices	
		A80235	EHV AC Transmission	
		A80087	Industry Oriented Mini Project	
		A80089	Seminar	
		A80088	Project Work	
		A80090	Comprehensive Viva Voice	
03	B.Tech- ME	ME105ES	Engineering Mechanics	2016
		MA101BS	Mathematics-I	
		MA102BS	Mathematics-II	
		PH103BS	Engineering Physics	
		CS104ES	Computer Programming in C	
		PH107BS	Engineering Physics Lab	
		CS108ES	Computer Programming in C Lab	
		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	
		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
A40310	Machine Drawing
A40382	Production Technology Lab
A40188	Mechanics of Fluids & Hydraulic Machines Lab
A50318	Engineering Metrology
A50317	Dynamics of Machinery
A50321	Machine Tools
A50316	Design of Machine Members- I
A50326	Thermal Engineering -II
A50384	Machine Tools & Metrology Lab
A50010	Managerial Economics & Financial Analysis
A60117	Disaster Management
A60017	Intellectual Property Rights
A60018	Human Values and Professional Ethics
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
A70343	Instrumentation and Control Systems
A70352	Operation Research
A70332	Industrial Management
A80527	Artificial Neural Networks
A80367	Total Quality Management
A80363	Maintenance & 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

2013

		A70339	Design for Manufacturing	
		A72909	Nanotechnology	
		A70390	Computer Aided Design & Manufacturing Lab	
		A70391	Production Drawing Practice and 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	
		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	
		CS204ES	Computer Programming in C	
		ME205ES	Engineering Graphics	
		PH207BS	Engineering Physics Lab	
		CS208ES	Computer Programming in C Lab	
		CH206BS	Engineering Chemistry Lab	
		A30405	Probability Theory and Stochastic Processes	
		A30007	Mathematics-III	
		A30204	Electrical Circuits	
		A30407	Switching Theory and Logic Design	
		A30404	Electronic Devices and Circuits	
		A30406	Signals and Systems	
		A30482	Electronic Devices and Circuits Lab.	
		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	
		A50408	Analog Communications	
O4	B.Tech- ECE			2016
				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	
		A70499	Microwave Engineering and Digital Communications Lab	
		A80452	Satellite Communications	
		A80431	Telecommunication Switching Systems and 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	
O5	B.Tech-CSE	CS204ES	Computer Programming in C	2016
		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
PH207BS	Engineering Physics Lab
CH206BS	Engineering Chemistry Lab
CS208ES	Computer Programming in C Lab
A30502	Data Structures
A30008	Probability and Statistics
A30504	Mathematical Foundations of Computer 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
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
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

2013

		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	
		A70519	Cloud Computing	
		A70540	Software Project Management	
		A70532	Image processing and Pattern Recognition	
		A70536	Mobile Computing	
		A70534	Machine Learning	
		A70539	Soft Computing	
		A70533	Information Retrieval Systems	
		A70526	Artificial Intelligence	
		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	
		A80550	Storage Area Networks	
		A80543	Database Security	
		A80087	Industry Oriented Mini Project	
		A80089	Seminar	
		A80088	Project Work	
		A80090	Comprehensive Viva	
EO	MBA	Core Course II	Management and Organisational Behaviour	2015
		Laboratory	Statistical Data Analysis Lab	
		Core Course II	Business Laws & Business Environment	
		Core Course III	Managerial Economics	
		Core Course IV	Financial Accounting & Analysis	
		Core Course V	Statistics for Management	
		Open Elective I	Cross Culture Management	
		Open Elective I	WTO & IPR	

Open Elective I	Total Quality Management
Open Elective I	Project Management
Seminar	Business Communication- Seminar
Core Course I	Human Resource Management
Core Course II	Marketing Management
Core Course III	Financial Management
Core Course V	Quantitative Analysis for Business Decisions
Open Elective I	MIS & ERP
Open Elective I	Foreign Trade
Open Elective I	Banking, Insurance & Risk Management
Open Elective I	Logistics & Supply Chain Management
Open Elective I	MSME Management
Laboratory	Annual Report Analysis Lab
Seminar	Summer Internship - Seminar
Core Course I	Production & Operations Management
Core Course II	Strategic Management
Core Course III	Research Methodology
Core Elective I	(MRKG/HRM/FIN/SYS)
Core Elective II	(MRKG/HRM/FIN/SYS)
Core Elective III	(MRKG/HRM/FIN/SYS)
Seminar	Personal Effectiveness - Seminar
Seminar	Business Best Practices and Success
Seminar	Stories of Emerging Leaders - Seminar
Core Course I	Entrepreneurship
Core Course II	Management of Technology
Core Elective IV	(MRKG/HRM/FIN/SYS)
Core Elective V	(MRKG/HRM/FIN/SYS)
Core Elective VI	(MRKG/HRM/FIN/SYS)

Seminar	Pre Submission of Project –Seminar
Seminar	Comprehensive Viva
Seminar	Project
Marketing Electives	Consumer Behaviour
Marketing Electives	Sales and Distribution
Marketing Electives	Integrated Marketing Communications
Marketing Electives	Retailing Management
Marketing Electives	Services Marketing
Marketing Electives	International Marketing
Finance 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 Elective	Knowledge Management
Systems Elective	Information Systems, Control And Audit

	ME105ES	Engineering Mechanics
	MA101BS	Mathematics-I
	MA102BS	Mathematics-II
	PH103BS	Engineering Physics
	CS104ES	Computer Programming in C
	PH107BS	Engineering Physics Lab
	CS108ES	Computer Programming in C Lab
	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
	CE304ES	Building Materials, Construction and 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
	A50121	Reinforced Concrete Structures Design and 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

		A60130	Steel Structures Design and Drawing
		A60119	Environmental Engineering
		A60132	Transportation Engineering -I
		A60126	Foundation Engineering
		A60129	Principles of Entrepreneurship
		A60131	Structural Analysis -II
		A60086	Advanced communications 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
O2	B.Tech- EEE	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
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	CS204ES	Computer Programming in C
	ME205ES	Engineering Graphics
	PH207BS	Engineering Physics Lab
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	CH206BS	Engineering Chemistry Lab
	EE302ES	Electromagnetic Fields
	MA301BS	Mathematics -IV
	EC306ES	Electronic Devices and Circuits Lab
	MC300ES	Environmental science and Technology
	EE303ES	Electrical Machines-I
	EE304ES	Network Theory
	EE305ES	Electronic Circuits
	EE306ES	Electrical Machines Lab - I
	EE307ES	Networks Lab
	EE402ES	Power Systems - I
	EC401ES	Switching Theory and Logic Design
	SM405MS	Business Economics and Financial Analysis
	MC400HS	Gender Sensitization Lab
	EE403ES	Electrical Machines – II
	EE404ES	Control Systems
	EE406ES	Control Systems Lab
	EE407ES	Electrical Machines Lab - II
	EE408ES	Electronic Circuits Lab
	A30204	Electrical Circuits
	A30403	Electromagnetic Fields
	A30206	Electrical Machines-I
	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
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	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
	A50423	IC Applications
	A50014	Management Science
	A50086	Advanced Communication Skills Lab
	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 Lab
		A70293	Electrical Measurements Lab
		A80238	Neural Networks and Fuzzy Logic
		A80324	Renewable Energy Sources
		A80244	Principles of Reliability Engineering
		A80234	Advanced Control System
		A82909	Nanotechnology
		A70226	Electrical Distribution Systems
		A80237	Fundamentals of HVDC and FACTS Devices
		A80235	EHV AC Transmission
		A80087	Industry Oriented Mini Project
		A80089	Seminar
		A80088	Project Work
		A80090	Comprehensive Viva Voice
O3	B.Tech-ME	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
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		MA203BS	Mathematics-III
		EN204HS	Professional Communication in English

	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
	A40310	Machine Drawing
	A40382	Production Technology Lab
	A40188	Mechanics of Fluids & Hydraulic Machines Lab
	A50318	Engineering Metrology
	A50317	Dynamics of Machinery
	A50321	Machine Tools
	A50316	Design of Machine Members- I
	A50326	Thermal Engineering -II
	A50384	Machine Tools & Metrology Lab
	A50010	Managerial Economics & Financial Analysis
	A60117	Disaster Management
	A60017	Intellectual Property Rights
	A60018	Human Values and Professional Ethics
	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
	A70343	Instrumentation and Control Systems
	A70352	Operation Research
	A70332	Industrial Management

		A80527	Artificial Neural Networks
		A80367	Total Quality Management
		A80363	Maintenance & 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
		A70390	Computer Aided Design & Manufacturing Lab
		A70391	Production Drawing Practice and 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
O4	B.Tech-ECE	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
		CS204ES	Computer Programming in C
		ME205ES	Engineering Graphics
		PH207BS	Engineering Physics Lab
		CS208ES	Computer Programming in C Lab
		CH206BS	Engineering Chemistry Lab
		A30405	Probability Theory and Stochastic Processes
		A30007	Mathematics-III

	A30204	Electrical Circuits
	A30407	Switching Theory and Logic Design
	A30404	Electronic Devices and Circuits
	A30406	Signals and Systems
	A30482	Electronic Devices and Circuits Lab.
	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
	A50408	Analog Communications
	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
		A70499	Microwave Engineering and Digital Communications Lab
		A80452	Satellite Communications
		A80431	Telecommunication Switching Systems and 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
05	B.Tech- CSE	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
		PH207BS	Engineering Physics Lab
		CH206BS	Engineering Chemistry Lab
		CS208ES	Computer Programming in C Lab
		A30502	Data Structures
		A30008	Probability and Statistics
		A30504	Mathematical Foundations of Computer 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

	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
	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
	A70519	Cloud Computing
	A70540	Software Project Management
	A70532	Image processing and Pattern Recognition
	A70536	Mobile Computing
	A70534	Machine Learning
	A70539	Soft Computing
	A70533	Information Retrieval Systems
	A70526	Artificial Intelligence
	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
	A80550	Storage Area Networks
	A80543	Database Security
	A80087	Industry Oriented Mini Project

		A80089	Seminar
		A80088	Project Work
		A80090	Comprehensive Viva
EO	MBA	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
		17MBA08	Human Resource Management
		17MBA09	Marketing Management
		17MBA10	Financial Management
		17MBA11	Quantitative Analysis for Business Decisions
		17MBA12	Entrepreneurship
		17MBA13	Total Quality Management
		17MBA13	Corporate Governance
		17MBA13	International Business
		17MBA13	Supply Chain Management
		17MBA14	Summer Internship
		Core Course I	Production & Operations Management
		Core Course II	Strategic Management
		Core Course III	Research Methodology
		Seminar	Personal Effectiveness - Seminar
		Seminar	Business Best Practices and Success
		Seminar	Stories of Emerging Leaders - Seminar
		Core Course I	ENTREPRENEURSHIP
		Core Course II	Management of Technology
		Seminar	Pre Submission of Project -Seminar
		Seminar	Comprehensive Viva
		Seminar	Project
		Marketing Electives	Consumer Behaviour
		Marketing Electives	Sales and Distribution
		Marketing Electives	Integrated Marketing Communications
		Marketing	Retailing Management

		Electives	
		Marketing Electives	Services Marketing
		Marketing Electives	International Marketing
		Finance Elective	Strategic Management Accounting
		Finance Elective	Security Analysis and Portfolio Management
		Finance Elective	Finance Institutions, Markets & Services
		Finance Elective	Strategic Investment and Financing Decisions
		Finance Elective	International Financial Management
		Core Elective I	(MRKG/HRM/FIN/SYS)
		Core Elective II	(MRKG/HRM/FIN/SYS)
		Core Elective III	(MRKG/HRM/FIN/SYS)
		Core Elective IV	(MRKG/HRM/FIN/SYS)
		Core Elective V	(MRKG/HRM/FIN/SYS)
		Core Elective VI	(MRKG/HRM/FIN/SYS)
		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 Elective	Knowledge Management
		Systems	Information Systems, Control And Audit

		Elective			
o1	B.Tech-CE	MA101BS	Mathematics - I		
		PH102BS	Engineering Physics		
		CS103ES	Programming for Problem Solving		
		ME104ES	Engineering Graphics		
		PH105BS	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 Skills Lab		
				CE302ES	Strength of materials-I
				MA301BS	Mathematics-IV
				MC300HS	Gender sensitization lab
				CE303ES	Fluid Mechanics-I
				CE304ES	Building Materials, Construction and Planning
				CE305ES	Surveying
				CE306ES	Strength Of Material Lab
				CE307ES	Computer Aided Drafting Lab
				CE308ES	Surveying-I
				CE401ES	Strength Of Material -II
				CE402ES	Fluid Mechanics-II
				CE403ES	Structural Analysis
				SM405MS	Business Economics and Financial Analysis
				MC400ES	Environmental science and Technology
				CE404ES	Engineering Geology
				CE406ES	Fluid Mechanics Lab
				CE408ES	Surveying Lab-II
				CE407ES	Engineering Geology Lab
				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
				CE505PC	Concrete Technology Lab
				CE506PC	Geographical Information Systems Lab
				CE507PC	Hydraulics and Hydraulic Machinery Lab
				CE601PC	Design Of Steel Structures
		CE603PC	Environmental Engineering		

	CE603PC	Soil Mechanics
	CE604PC	Soil Mechanics Lab
	CE605PC	Computer Aided Drafting -II 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
	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


 Principal
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