

# **MAHATMA GANDHI UNIVERSITY**

## TIMETABLE FOR B.TECH DEGREE EXAMINATIONS, JANUARY 2019

## Ref: Notification No. EA I/1/352/2018 dated 07.12.2018 Semester I & II (New Scheme)

(2010 -Admission onwards Supplementary/Mercy Chance)

(Time: 9.30 am to 12.30 pm on all days

Day & Date	Course No.	Branch
Wednesday 13.03.2019	EN010 102 Engineering Physics	Common for all branches
Friday 15.03.2019	EN010 103 Engineering Chemistry & Environmental Studies	Common for all branches
Monday 18.03.2019	EN010 101 Engineering Mathematics-I	Common for all branches
Wednesday 20.03.2019	EN010 106 Basic Civil Engineering	Common for all branches
Friday 22.03.2019	EN010 107 Basic Mechanical Engineering	Common for all branches
Monday 25.03.2019	EN010 108 Basic Electrical Engineering	Common for all branches
Wednesday 27.03.2019	EN010 109 Basic Electronics Engg. & Information Technology	Common for all branches
Friday 29.03.2019	EN010 105 Engineering Graphics	Common for all branches
Monday 01.04.2019	EN010 104 Engineering Mechanics	Common for all branches

# <u>I & II Semesters (Old Scheme)</u> (1997 to 2009 Admissions Mercy Chance) (Time: 9.30 am to 12.30 pm on all days

Day & Date	Subject	Branch
Wednesday 13.03.2019	Engineering Physics	Common for all branches
Friday 15.03.2019	Engineering Chemistry	Common for all branches
Monday 18.03.2019	Engineering Mathematics - I	Common for all branches
Wednesday 20.03.2019	Basic Civil Engineering	Common for all branches
Friday 22.03.2019	Basic Mechanical Engineering	Common for all branches
Monday 25.03.2019	Basic Electrical Engineering	Common for all branches
Wednesday 27.03.2019	Engineering Graphics	Common for all branches
Friday 29.03.2019	Engineering Mechanics	Common for all branches

**Basic Electronics Engineering** 

Monday 01.04.2019 Common for all branches

# <u>IV SEMESTER – (NEW SCHEME)</u> (2010 -Admission onwards Supplementary/Mercy Chance) (Time: 9.30 am to 12.30 pm on all days)

Code	Subject	Branches
EN010401	Engineering Mathematics III	Common to all branches
EN 010 402	Principles of Management	AI,AU,EC,EI, IC, IT, ME, MT,PO, PE, ST
AN 010 402		AN
CE 010 402	Construction Engg. and Management	CE
CH 010 402	Heat Transfer I	СН
CS 010 402	Object Oriented Programming	CS
EE 010 402	DC Machines and Transformers	EE
AI 010 403		
EC 010 403	Signals and Systems	AI,EC,EI
EI 010 403	Signals and Systems	111,20,21
AN 010 403	Propulsion I	AN
AU 010 403	Auto Power Plant	AU
CE 010 403	Mechanics of Solids II	CE
CH 010 403	Organic Chemistry	СН
CS 010 403 IT 010 405	Data Structures and Algorithms	CS,IT
	Linear System Analysis	EE
		IC
PE 010 403	Hydraulic Machines	ME,PE
MT 010 403	Mechanical Behavior and Testing	MT
PO 010 403	Polymer Physics	PO
ST 010 403	Stability of Ships	ST
AI 010 404		
EC 010 404	D' ': 1E1 · ·	ALEGELIC
EI 010 404	Digital Electronics	AI,EC,EI,IC
IC 010 404		
AN 010 404	Aerodynamics I	AN
AU 010 404		ALLME
ME 010 404	ivianuracturing Process	AU,ME
CE 010 404	Open Channel Flow and Hydraulic Machines	CE
	EN010401  EN 010 402  AN 010 402  CE 010 402  CH 010 402  EE 010 402  EE 010 403  EC 010 403  EI 010 403  AN 010 403  AU 010 403  CE 010 403  CH 010 403  CH 010 403  IT 010 403  IC 010 403  IC 010 403  IC 010 403  PE 010 403  PE 010 403  ST 010 403  AI 010 404  EC 010 404  EI 010 404  AN 010 404  ME 010 404	EN010401 Engineering Mathematics III  EN 010 402 Principles of Management  AN 010 402 Gas Dynamics  CE 010 402 Construction Engg. and Management  CH 010 402 Heat Transfer I  CS 010 402 Object Oriented Programming  EE 010 402 DC Machines and Transformers  AI 010 403  EC 010 403 Signals and Systems  EI 010 403 Propulsion I  AU 010 403 Mechanics of Solids II  CH 010 403 Organic Chemistry  CS 010 403 Data Structures and Algorithms  TO 10 405 EE 010 403  Transducer Engineering  ME 010 403 Hydraulic Machines  MT 010 403 Polymer Physics  ST 010 403 Stability of Ships  AI 010 404 EC 010 404  EC 010 404 Aerodynamics I  AU 010 404 Menufacturing Process  CE 010 404 Open Channel Flow and Hydraulic

AN 010 405	Thursday	AI 010 405	Signal Communication	AI
CH 010 405   ME 010 405   PE 010 405   ST 010 405   ST 010 405   ST 010 405   CE 010 405   Microprocessor Systems   CS   EC 010 405   Microprocessor Systems   CS   EC 010 405   Microprocessor Systems   CS   EC 010 405   Digital Systems and Computer   Organisation   EI 010 405   Electronic Instrumentation   EI   CO 10 405   Electronic Instrumentation   EI   CO 10 405   Electrical Engineering   IC   IT 010 406   Object Oriented Techniques   IT   MT 010 405   Electrical, Electronic, Magnetic and Optical Materials   PO 010 405   Chemical Engineering I   PO   Analog Circuits II   AI,EC   Analog Circuits II   AI,EC   Analog Circuits II   AI,EC   Electrical Technology   AU,ME,PE   Electrical Technology   AU,ME,PE   Electrical Engineering Thermodynamics I   CH   CS 010 406   Chemical Engineering Thermodynamics I   CH   CS 010 406   Chemical Engineering Thermodynamics I   CH   CS 010 406   Chemical Engineering Thermodynamics I   CH   CS 010 406   Electronic Devices and Circuits II   EI   EI   EI   EI   EI   EI   EI	28.03.2019	AN 010 405	Aircraft Structures I	AN
ME 010 405   PE 010 405   PE 010 405   ST 010 405   CE 010 405   CE 010 405   Microprocessor Systems   CS   EC 010 405   Analog Communication   EC   Digital Systems and Computer   Organisation   EI 010 405   Electroic Instrumentation   EI   Organisation   EI 010 405   Electroic Instrumentation   EI   Organisation   IT 010 406   Object Oriented Techniques   IT   Organisation   Organisation   IT 010 405   Electrical Engineering   IC   Organisation   IT 010 405   Electrical, Electronic, Magnetic and Optical Materials   Organisation   Organisation   Organisation   Organisation   IT   Organisation   Organisation   IT   Organisation   IT   Organisation   Organisation   IT   Organisation   IT   Organisation   IT   Organisation   IT   Organisation   Organisation   IT   Organisation   IT   Organisation   Organisation   IT   Organisation   IT   Organisation   Organisation   IT   Organisation   Organisation   IT   Organisation   Organisation   Organisation   IT   Organisation   Organisation		AU 010 405		
PE 010 405   ST 010 405   Str 010 405   Str 010 405   CE 010 405   Microprocessor Systems   CS   EC 010 405   Microprocessor Systems   EC 010 405   Analog Communication   EC   EE 010 405   Digital Systems and Computer   EE   Organisation   EI 010 405   Electrical Engineering   IC   IT 010 406   Object Oriented Techniques   IT   MT 010 405   Electrical, Electronic, Magnetic and   MT   Optical Materials   PO 010 405   Chemical Engineering I   PO   Analog Circuits II   AI,EC    Tuesday   O2.04.2019   A 010 406   EC 010 406   Analog Circuits II   AI,EC   AN 010 406   Electrical Technology and Machines   AN   AU 010 406   AU 010 406   Electrical Technology   AU,ME,PE   Electrical Engineering Drawing   CE   CH 010 406   Chemical Engineering Thermodynamics I   CH   CS 010 406   Chemical Engineering Thermodynamics I   CH   CS 010 406   Chemical Engineering Thermodynamics I   CH   CS 010 406   Electronic Devices and Circuits II   EI   IC 010 406   Mechanical Engineering   IC   MT 010 406   Transport Phenomena   MT   PO 010 406   Electrical Technology   PO   PO   PO   PO   PO   PO   PO   P		CH 010 405		
ST 010 405   CE 010 405   Surveying II   CE   CS 010 405   Microprocessor Systems   CS   EC 010 405   Analog Communication   EC   EE 010 405   Digital Systems and Computer   EE   Organisation   EI   Organisation   EI   Organisation   EI   Organisation   Organisation   EI   Organisation		ME 010 405	Machine Drawing	AU,CH,ME,PE,ST
CE 010 405   Surveying II   CE		PE 010 405		
CS 010 405   Microprocessor Systems   CS		ST 010 405		
EC 010 405   Analog Communication   EC		CE 010 405	Surveying II	CE
EE 010 405   Digital Systems and Computer Organisation   EI 010 405   Electronic Instrumentation   EI		CS 010 405	Microprocessor Systems	CS
Organisation		EC 010 405	Analog Communication	EC
IC 010 405   Electrical Engineering   IC		EE 010 405		EE
IT 010 406   Object Oriented Techniques   IT		EI 010 405	Electronic Instrumentation	EI
MT 010 405   Electrical, Electronic, Magnetic and Optical Materials   PO 010 405   Chemical Engineering I   PO		IC 010 405	Electrical Engineering	IC
Optical Materials   PO 010 405   Chemical Engineering I   PO		IT 010 406	Object Oriented Techniques	IT
PO 010 405   Chemical Engineering I   PO		MT 010 405	Electrical, Electronic, Magnetic and	MT
AI 010 406   EC 010 406   EC 010 406   ELectrical Technology and Machines   AN 010 406   AU 010 406   ELectrical Technology   AU,ME,PE			Optical Materials	
D2.04.2019   EC 010 406		PO 010 405	Chemical Engineering I	PO
AN 010 406   Electrical Technology and Machines   AN			Analog Circuits II	ALEC
AU 010 406  ME 010 406 PE 010 406 CE 010 406 CE 010 406 Chemical Engineering Thermodynamics I CH CS 010 406 Theory of Computation CS,IT  EE 010 406 Computer Programming EE EI 010 406 Electronic Devices and Circuits II IC 010 406 Mechanical Engineering IC MT 010 406 Transport Phenomena MT  PO 010 406 Electrical Technology AU,ME,PE AU,ME,PE  AU,ME,PE  AU,ME,PE  AU,ME,PE  AU,ME,PE  AU,ME,PE  CE CH CS 010 406 CE CH CS,IT  IC OS,IT  IC OS,IT  IC MT 010 406 Electronic Devices and Circuits II EI IC 010 406 Mechanical Engineering IC MT 010 406 Fransport Phenomena MT  PO 010 406 Electrical Technology PO	02.04.2019			,
ME 010 406Electrical TechnologyAU,ME,PEPE 010 406Civil Engineering DrawingCECH 010 406Chemical Engineering Thermodynamics ICHCS 010 406Theory of ComputationCS,ITEE 010 406Computer ProgrammingEEEI 010 406Electronic Devices and Circuits IIEIIC 010 406Mechanical EngineeringICMT 010 406Transport PhenomenaMTPO 010 406Electrical TechnologyPO			Electrical Technology and Machines	AN
PE 010 406 CE 010 406 CE 010 406 Civil Engineering Drawing CE CH 010 406 Chemical Engineering Thermodynamics I CH CS 010 406 IT 010 404 Theory of Computation CS,IT EE 010 406 Computer Programming EE EI 010 406 Electronic Devices and Circuits II IC 010 406 Mechanical Engineering IC MT 010 406 Transport Phenomena MT PO 010 406 Electrical Technology PO				
CE 010 406 Civil Engineering Drawing CE CH 010 406 Chemical Engineering Thermodynamics I CH CS 010 406 IT 010 404 Theory of Computation CS,IT  EE 010 406 Computer Programming EE EI 010 406 Electronic Devices and Circuits II EI IC 010 406 Mechanical Engineering IC MT 010 406 Transport Phenomena MT  PO 010 406 Electrical Technology PO			Electrical Technology	AU,ME,PE
CH 010 406 Chemical Engineering Thermodynamics I CH  CS 010 406 IT 010 404 Theory of Computation CS,IT  EE 010 406 Computer Programming EE  EI 010 406 Electronic Devices and Circuits II IC 010 406 Mechanical Engineering IC  MT 010 406 Transport Phenomena MT  PO 010 406 Electrical Technology PO				
CS 010 406 IT 010 404 Theory of Computation CS,IT  EE 010 406 Computer Programming EE EI 010 406 Electronic Devices and Circuits II IC 010 406 Mechanical Engineering IC MT 010 406 Transport Phenomena MT PO 010 406 Electrical Technology PO				
IT 010 404 Theory of Computation CS,11  EE 010 406 Computer Programming EE  EI 010 406 Electronic Devices and Circuits II EI  IC 010 406 Mechanical Engineering IC  MT 010 406 Transport Phenomena MT  PO 010 406 Electrical Technology PO			Chemical Engineering Thermodynamics I	СН
EE 010 406 Computer Programming EE  EI 010 406 Electronic Devices and Circuits II EI  IC 010 406 Mechanical Engineering IC  MT 010 406 Transport Phenomena MT  PO 010 406 Electrical Technology PO			Theory of Computation	CS IT
EI 010 406 Electronic Devices and Circuits II EI IC 010 406 Mechanical Engineering IC MT 010 406 Transport Phenomena MT PO 010 406 Electrical Technology PO			•	·
IC 010 406 Mechanical Engineering IC MT 010 406 Transport Phenomena MT PO 010 406 Electrical Technology PO			1 0	
MT 010 406 Transport Phenomena MT PO 010 406 Electrical Technology PO				
PO 010 406 Electrical Technology PO			Mechanical Engineering	IC
		MT 010 406	Transport Phenomena	MT
ST 010 406 Resistance and Propulsion of Ships ST		PO 010 406	Electrical Technology	PO
51 010 100 Resistance and Hopatision of Ships		ST 010 406	Resistance and Propulsion of Ships	ST

# VI SEMESTER (NEW SCHEME) (2010 -Admission onwards Supplementary/Mercy Chance) (Time: 9.30 am to 12.30 pm on all days)

DAY & DATE	CODE	SUBJECT	BRANCH
Wednesday 03.04.2019	AN 010 601	Avionics	AN
	AI 010 601, EI 010 601 & IC 010 601	Process Control Instrumentation	AI, EI &IC
	AU 010 601& ME 010 601	Mechanics of Machines	AU & ME
	CE 010 601	Design of Steel Structures	СЕ
	CH 010 601	Mass Transfer Operations - II	СН
	CS 010 601& I T 010 605	Design and Analysis of Algorithms	CS & IT
	EE 010 601	Power Generation and Distribution	EE
	EC 010 601	Digital Communication Techniques	EC
	MT 010 601	Non Ferrous Physical Metallurgy	MT
	PO 010 601	Engineering Statistics and Quality Control	PO
	PE 010 601	Kinematics of Machinery	PE
	ST 010 601	Marine Engineering	ST
Friday 05.04.2019	AN 010 602	Experimental Aerodynamics	AN
	AI 010 602, EC 010 602& EI 010 602	Digital Signal Processing	AI, EC& EI
	AU010 602, ME 010 602& PE 010 602	Heat and Mass Transfer	AU, ME& PE
	CE 010 602	Geotechnical Engineering II	СЕ
	CH 010 602	Environmental Engineering	СН
	CS 010 602	Internet Computing	CS
	EE 010 602	Induction Machines	EE
	IT 010 602	Digital Signal Processing	IT
	IC 010 602	Principles of Telemetry and Communication	IC
	MT 010 602	Secondary and Advanced Steel Making	MT
	PO 010 602	Polymer Processing –II	PO
	ST 010 602	Structural Design of Ships - II	ST

Monday	AN 010 603	Aircraft Structures II	AN
08.04.2019	AI 010 603, EI 010 603 & IC 010 603	Industrial Instrumentation I	AI, EI& IC
	AU 010 603	Automotive Transmission	AU
	CE 010 603	Structural Analysis II	CE
	CH 010 603	Chemical Technology - II	СН
	CS 010 603	System Software	CS
	EE 010 603	Control Systems	EE
	EC 010 603	Radiation and Propagation	EC
	IT 010 603	Information Theory and Coding	IT
	ME 010 603 MT 010 603	Thermal Systems and Applications Foundry Technology	ME MT
	PO 010 603	Industrial Engineering	PO
	PE 010 603	Control and Automation	PE
	ST 010 603	Hydraulic Machinery	ST
Tuesday	AN 010 604	Heat Transfer	AN
09.04.2019	AI 010 604	Microcontroller Based System Design	AI
	AU 010 604& ME 010 604	Metrology and Machine Tools	AU& ME
	CE 010 604	Transportation Engineering I	CE
	CH 010 604	Process Dynamics and Control	СН
	CS 010 604	Computer Networks	CS
	EE 010 604	Digital Signal Processing	EE
	EC 010 604	Computer Architecture and Parallel Processing	EC
	EI 010 604	Data Acquisition and Communication	EI
	IT 010 604	Software Engineering	IT
	IC 010 604	Signals and Systems with Processing	IC
	MT 010 604	Metallography and X- ray Diffraction	MT
	PO 010 604	Chemical Engineering - III	PO
	PE 010 604	Computer Aided Design and Manufacturing	PE
	ST 010 604	Applied Thermodynamics	ST

Wednesday 10.04.2019	AN 010 605	Theory of Vibration	AN
	AI 010 605& EI 010 605	Control Engineering II	AI& EI
	AU 010 605& ME 010 605	Mechatronics and Control Systems	AU& ME
	CE 010 605	Water Resources Engineering	CE
	CS 010 605	Software Engineering	CS
	CH 010 605	Chemical Reaction Engineering - II	СН
	EE 010 605	Microcontrollers and Embedded Systems	EE
	EC 010 605	Microcontrollers and Applications	EC
	IT 010 601	Computer Networks	IT
	IC 010 605	Advanced Control System	IC
	MT 010 605	Non-Ferrous Extractive Metallurgy	MT
	PO 010 605	Polymer Blends and Composites	РО
	PE 010 605	Production Engineering	PE
	ST 010 605	Electrical Systems on Ships and Shipyards	ST

# **Elective I**

	AN 010 606L06	Non Destructive Testing	AN
Thursday 11.04.2019	AI 010 606L01	Mechatronics	
	AI 010 606L02	Micro Electronics	AI
	AI 010 606L03	Digital System Design	
	AU 010 606L01	Vehicle Transport Management	
	AU 010 606L03	Computer Simulation of IC Engines	AU
	AU 010 606L05	Alternate Fuels and Energy Systems	
	CE 010 606L01	Advanced Surveying	
	CE 010 606L02	Open Channel and Coastal Hydraulics	
	CE 010 606L03	Airport Engineering	CE
	CE 010 606L04	Advanced Mechanics of Materials	
	CE 010 606L05	Concrete Technology	
	CE 010 606L06	Soil Stability Analysis	
	CH 010 606L01	Material Science and Engineering - II	СН
	CH 010 606L05	Modeling and Simulation in Process Industries	CII
	CS 010 606L01	Distributed Systems	
	CS 010 606L02	Microcontroller based systems	CS
	CS 010 606L03	User Interface Design	
	CS 010 606L06	Advanced Software Environments	
	CS 010 606L04 & IT 010 606L03	UNIX Shell Programming	CS &IT
	EE 010 606L01	High Voltage Engineering	
	EE 010 606L03	Artificial Neural Networks	EE
	EE 010 606L04	Object Oriented Programming	
	EE 010 606L05	Bio - Medical Engineering	
	EE 010 606L06	Renewable Energy Resources	

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EC 010 606L01	Data Structures and Algorithms	
EC 010 606L02	Data Base Management Systems	EC
EC 010 606L03	High Speed Digital Design	
EC 010 606L04	Medical Electronics	
EC 010 606L05	Soft Computing	
EC 010 606L06	Television and Radar Engineering	
EI 010 606L01	Digital System Design	EI
EI 010 606L05	Telemetry and Remote Control	
EI 010 606L06	Robotics and Automation	
IT 010 606L02	Management Information Systems	IT
IT 010 606L04	Advanced Database Systems	
IT 010 606L06	Optimization Techniques	
IC 010 606L01	Mechatronics	IC
ME 010 606L01	Computational Fluid Dynamics	
ME 010 606L02	Composite Materials Technology	
ME 010 606L03	Automobile Engineering	ME
ME 010 606L05	Industrial Hydraulics	
ME 010 606L06	Project Management	
MT 010 606 L01	Design and Selection of Materials	MT
MT 010 606 L02	Nuclear Metallurgy	
PO 010 606L01	Bio Medical and Bio Polymers	PO
PE 010 606L01	Financial Management	PE
ST 010 606L01	Finite Element Method	ST
ST 010606L04	Disaster Management	
CH 010 606 L04	Energy engineering	СН
AN 010 606 L03	Finite Element Analysis (AN)	AN

VIII SEMESTER (Old Scheme)
(1997 to 2009 Admissions Mercy Chance)
(Time: 1.30 P.m. to 4.30 p.m. on all days except on Friday and \*. On Friday 2 pm to 5 pm and \*1 p.m to 5 p.m)

Day & Date	Subject	Br	anch
Thursday	Finite Element Analysis		(C)
14.03.2019	Automobile Engineering (M)		(M)
	Switchgear and Protection (E)		(E)
	Advanced Communication Systems (L)		(L)
	High Performance Computing (R)		(R)
	Computer Aided Design and Manufacturing (P)		(P)
	Information Systems and Management (T)		(T)
	Modern Control Theory		(A)
	Analysis and Design of Instrumentation		(S)
	Systems		/+ +\
	Vehicle Dynamics		(U)
<del>-</del> '	Introduction to Space Technology		(F)
Tuesday 19.03.2019	* Advanced Structural Design		(C) 5 p.m (4 hrs.)
15.05.2015	Production Engineering		MU)
	Power System Analysis	•	(E)
	Computer Networks		LAS)
	Security in Computing	-	R T)
	Adhesive Technology (Elective)		(P)
	Rockets and Missiles		(F)
	Analytical Instruments	(F) (N)	
Thursday	Building Technology and Management	(C)	
21.03.2019	Production Planning and Control	(E) (E) (L A S)	
	Instrumentation		
	Advanced Microprocessors		
	Principles of Programming Languages		(R)
	Fibre Technology		(P)
	E-Commerce		(T)
	Engine and Drive Line Design		(U)
	Air Transportation and Aircraft Maintenance		(F)
	Environmental Engineering II		(C)
Tuesday	Machine Design and Drawing II		(M)
26.03.2019	Electrical System Design		(E)
	Television Engineering		(L)
			(R T)
	Polymers and Environment		(P)
	Computerised Process Control		(A)
	Fibre Optics and Laser Instrumentation		(S)
	Instrumentation System Design (I		(N)
	Vehicle Transport Management		(U)
Project Management and Total Quality Management		agement	(F)
	Polymer Product Design		(P)

Thursday	Elective II	
28.03.2019	1. Highway and Airfield Pavements	
	2. Advanced Hydrology	
	3. Applied Geology	[C]
	4. Theory of Shells	
	Elective II	
	1. Aerospace Engineering	
	2. Project Management	
	3. Programming in C++ and Visual	(M)
	C++	
	Elective II	
	1. Robotics	
	2. Advanced Power Systems	
	3. Advanced Microprocessors	(E)
	4. System Software	
	5. Advanced Power Electronic Systems	
	Elective II	(C M E L R
	Advanced Mathematics	(C W E E K
	, la tameed mathematics	.,
	Elective II	(L)
	Medical Electronics	
	Elective II	
	1. VHDL	
	2. Advanced Micro-controllers	(L A)
	3. E-Commerce	
	Elective II	(R)
	E-Commerce	
	Elective II	
	1. Client Server Computing	(RT)
	2. Distributed Computing	
	Elective II	
	1. High Performance Computing	(T)
	Elective II	(AS)
	Neural Networks	
	Elective II	
	Engineering Economics and Automotive     Cost Estimation	(U)
	Elective II	(F)
	Air Navigation	(1)

Tuesday	Flactive III	
Tuesday	Elective III	
02.04.2019	1. Traffic and Transportation Planning	
	2. Environmental Impact Analysis	(6)
	3. Structural Dynamics and Stability	(C)
	Analysis	
	4. Environmental Geotechniques	
	5. Soil Stability Analysis	
	Elective III	
	1. Management Information Systems	
	2. Cryogenics	
	3. Total Quality Management	
	4. Finite Element Analysis	(M)
	5. Nuclear Engineering	
	Elective III	
	1. Digital Protection of Power Systems	
	2. Insulation Technology	
	3. Computer Networks	
	4. Optoelectronics and Communication	(E)
	5. VLSI Technology	(-/
	6. Artificial Intelligence and Expert Systems	
	Elective III	(L A)
	1. Advanced Digital Signal Processing	(271)
	2. System Software	
	Elective III	
	1. Multimedia Systems	(LASR)
	2. Embedded Systems	(LASRT)
	•	(LASKI)
	3. Digital Image Processing  Elective III	(LA3)
	1. Neural Networks	
		(DT)
	2. Advanced Networking Trends	(RT)
	3. Biometrics	
	4. Genetic Algorithms and Applications	
	Elective III	
	1. Logic and Distributed Control Systems	
	2. Robotics and Automation	(S)
	3. Instrumentation in Petrochemical Industry	
	Elective III	
	Vehicle Maintenance	(U)
	Boundary Layer Theory	(F)
	Multimedia Systems (EC)	(1)
	Speciality Polymers (EC/EI/IC)	
	ppecianty rotymers (EC/EI/IC)	

<sup>\*</sup> This examination will be conducted from 1 p.m to 5 p.m.

## **VII SEMESTER (Old Scheme)**

(1997 to 2009 Admissions Mercy Chance)

Time: 1.30 P.m. to 4.30 p.m. on all days except on Friday and \*. On Friday 2 pm to 5 pm and \*1 p.m to 5 p.m

Day & Date Wednesday 13.03.2019	Subject	
- 1		(C)*(4hours)
	*Design of Concrete Structures II	1 p.m to 5 p.m
1	Gas Dynamics and Jet Propulsion	(M)
	Electrical Machines III	(E)
	Micro Controller Based System Design	(L A)
	Object Oriented Modeling and Design	(R T)
	Elective I	(P)
	Paint Technology	
	Auto Power Plant	(U)
	Process Instrumentation II	(S)
	Computational Fluid Dynamics	(F)
Friday	Water Resources Engineering II	(C)
15.03.2019	Industrial Engineering	(M U)
	Electrical Drives and Control	(E)
	VLSI Technology	(L A)
	Computer Graphics	(R T)
	Industrial Engineering	(P)
	Analytical Instrumentation	(S)
	Experimental Stress Analysis	(F)
Monday	Transportation Engineering II	(C)
18.03.2019	Refrigeration and Air Conditioning	(M U)
	Utilization of Electrical Power	(E)
	Microwave and Radar Engineering	(L)
	Theory of Computation	(R)
	Production Engineering	(P)
	Modern Communication Systems	(T)
	Industrial Instrumentation II	(A)
	Process Control Instrumentation II	(N)
	Data Acquisition and Communication	(S)
	Finite Element Method	(F)
Wednesday	Architecture and Town Planning	(C)
20.03.2019	Dynamics of Machinery	(M)
	Control Systems II	(E)
	Optical Fibre Communication Systems	(L)
	Advanced Software Environments	(R)
	Chemical Engineering IV	(P)
	Multimedia Techniques	(T)
	Process Dynamics and Control	(A)
	Computer Control of Processes	(N)
	Advanced IC Engines	(U)

	T	(-)
	Computer Control of Process	(S)
	Flight Dynamics II	(F)
Friday	Environmental Engineering I	(C)
22.03.2019	Machine Design and Drawing I	(M)
	System Design with Microcontrollers	(E)
	Information Theory and Coding	(L)
	Web Technologies	(R T)
	Tyre Technology	(P)
	Biomedical Instrumentation	(A S)
	Elective I	
	Mechatronics	(N)
	Auto Electrical/Electronics	(U)
	Polymer Testing	(P)
Monday	Elective I	
25.03.2019	a) Optimization Techniques	(E)
	b) Optimization Techniques	(CMLRTAS)
	c) Pre-stressed Concrete	
	d) Ground Improvement Techniques	
	e) Concrete Technology	
	f) Traffic Engineering and Management	(C)
	a) Plant Engineering and Maintenance	
	b) Welding Technology	
	c) Foundry Technology	
	d) Advanced Operations Research	(M)
	e) Marketing and Sales Management	
	a) HVDC Engineering	
	b) Neural Networks	
	c) Object Oriented Programming	(E)
	d) Biomedical Instrumentation	. ,
	Object Oriented Programming in C++	(LAS)
	a) Neural Networks	-7
	b) Biomedical Engineering	(L)
	Principles of Real Time Systems	(LA RT)
	LAN Technology	(R)
	Windows Programming	
	Mobile Computing	
	Software Architecture	(RT)
	Vehicle Body Engineering	
	Special Types of Vehicles	(U)
	Power Plant Instrumentation	
		(S)
	Composite Structures	(F)
Wednesday	Electrical Drawing	(E)
27.03.2019	Ultrasonic Instrumentation	(N)

## <u>VI SEMESTER (OLD SCHEME)</u> (1997 to 2009 Admissions Mercy Chance)

(Time: 9.30 am to 12.30 pm on all days)

	(Time: 9.50 am to 12.50 pm on an days)		
Day & Date	Subject	Branch	
Wednesday	Structural Analysis III	(C)	
03.04.2019	Mechanics of Materials	(M)	
	Control Systems I	(E)	
	Industrial Management and Economics	(L,A, S)	
	PC and PC based systems	(R)	
	Principles of Management	(P)	
	Project Management	(T)	
	Drives and Controls	(N)	
	Dynamics of Machines	(U)	
	Avionics	(F)	
	*Design of Steel Structures	(C) 4hrs	
Friday		09.30 a.m to 01.30	
05.04.2019		p.m	
	Metrology and Instrumentation	(M U)	
	Electrical Machines II	(E)	
	Digital Communication Techniques	(L)	
	Software Engineering	(R,T)	
	Engineering Statistics and Quality Control	(P)	
	Microprocessors and Microcontrollers	(A)	
	Industrial Electronics and Applications	(S)	
	Process Control Instrumentation I	(N)	
	Aircraft System and Instrumentation	(F)	
Monday	Transportation Engineering I	(C)	
08.04.2019	Thermal Engineering II	(M)	
	Electrical Power Transmission	(E)	
	Digital Signal Processing	(L,T, A, S)	
	Project Management and Quality Assurance	(R)	
	Chemical Engineering III	(P)	
	Industrial Instrumentation II	(N)	
	Automotive Transmission	(U)	
	Theory of Vibration	(F)	
	Water Resources Engg. I	(C)	
Tuesday	Heat and Mass Transfer	(M U)	
09.04.2019	Digital Signal Processing	(E)	
	Radiation and Propagation	(L)	
	Computer Networks	(R T)	
	Biomedical and Biopolymers	(P)	
	Industrial Instrumentation I	(A)	
	Process Instrumentation I	(S)	
	Digital Signal Processing	(N)	
	Operations Research	(F)	

Wednesday	Geotechnical Engineering II	(C)
10.04.2019	Principles of Management and Engg Economics	(M U)
	Microprocessors and Applications	(E)
	Electronic Instrumentation	(L)
	Network Computing	(RT)

	Polymer Blends and Composites	(P)
	Data Communication	(A)
	Process Control	(S)
	Control Engineering II	(N)
	Aircraft Structure II	(F)
	Quantity Surveying, Valuation and	(C)
m1 1	Specifictions	
Thursday	CAD and Manufacturing	(M U)
11.04.2019	Computer Organisation	(E)
	Control Systems	(L)
	Algorithm Analysis and Design	(R)
	Polymer Processing II	(P)
	Personal Computer Hardware	(T)
	Control System Theory	(A)
	Control System II	(S)
	Microprocessor and Microcontroller based	(N)
	System Design	
	Aero Ecology and Environment	(F)

<sup>\*</sup> This examination will be conducted from 09.30 a.m to 01.30

# IV SEMESTER (OLD SCHEME) (1997 to 2009 Admissions Mercy Chance) (Time: 9.30 am to 12.30 pm on all days)

Day & Date	Subject	Branch
Thursday 14.03.2019	Engineering Mathematics III	(CMERTPLANSUF)
Tuesday	Fluid Mechanics II	(C)
19.03.2019	Theory of Machines I	(M)
	Network Analysis and Synthesis	(E)
	Digital Electronics and Logic Design	(LAS)
	Computer Organization	(R)
	Data Structures and Algorithms	(T)
	Object Oriented Programming	(P)
	Fuels and Combustion	(U)
	Transducers and Industrial Instrumentation	(N)
	Computer Programming	(F)
Thursday	Structural Analysis I	(C)
21.03.2019	Hydraulic Machines	(M)
	Electronic Circuits	(E)
	Communication Engineering I	(LAS)
	Object Oriented Programming	(R)
	Linear Integrated Circuits and Applications	(T)
	Electrical Technology	(P)
	Mechanics of Machines	(U)
	Principles of Measurements and Instrumentation	(N)
	Aerodynamics I	(F)
Tuesday	Engineering Economics and Construction	(C)
26.03.2019	Management	` ,
	Machine Tools	(M U)
	Electrical Machines I	(E)
	Electronic Circuits II	(L A S)
	Integrated Circuits	(R)
	Computer Systems Architecture	(T)
	Chemical Engineering I	(P)
	Computer Programming	(N)
	Gas Dynamics	(F)
	Surveying II	(C)
Thursday	*Machine Drawing II (1 pm. to 5 pm.)	(M)
28.03.2019	Computer Programming	(E)
	*Automobile Engg. Drawing	(U)
	(09.30 am. to 01.30 pm.)	(-)
	Signals and Systems	(LTAS)
	Data Structures and Programming Methodologies	(R)
	Polymer Physics	(P)
	Digital Electronics	(N)
	Propulsion I	(F)

Tuesday	Civil Engineering Drawing II	(C)
	Electrical Technology	(M U )
02.04.2019	Electrical and Electronics Instruments	(E)
	Reliability and Humanities	(LAS)
	Advanced Microprocessor and Peripherals	(R)
	Object Oriented Programming in C++	(T)
	Polymer Science II	(P)
	Analog Devices and Circuits II	(N)
	Air Craft Structures I	(F)

<sup>\*</sup>These examinations will be conducted from 09.30 am. to 01.30 pm

The colleges shall upload the internal marks within 15 days from the date of commencement of examination. An amount of ₹500/- per student will be levied from the College for belated submission of internal marks upto10 days, and ₹1,000/- per candidate will be levied beyond 10 days till finalization of the result as stipulated under U.O. No. 5061.A1/2015/Ac.Ad dated 03.09.2015.

P.D. Hills, 11.02.2019

Sd/-**Dr. M. THOMAS JOHN**Controller of Examinations

## **Symbols used: (Prior to 2010 Admission)**

A – Applied Electronics & Instrumentation. C – Civil

E – Electrical & Electronics F – Aeronautical Engineering

L - Electronics & Communication M - Mechanical N - Instrumentation & Control P - Polymers

R – Computer Science & Engineering. S – Electronics & Instrumentation

T – Information Technology U – Automobile Engineering

## **Symbols used: (2010 Admission** onwards)

AI – Applied Electronics and Instrumentation Engineering

AN - Aeronautical Engineering

AU – Automobile Engineering

CE - Civil Engineering

CH – Chemical Engineering

CS - Computer Science and Engineering

EC - Electronics and Communication Engineering

EE – Electrical and Electronics Engineering

EI – Electronics & Instrumentation Engineering

IC – Instrumentation and Control Engineering

IT - Information Technology

ME – Mechanical Engineering

MT - Metallurgy

PE - Production Engineering

PO – Polymer Engineering

ST—Naval Architecture and Ship Building Engineering

- 1. The Principals of Colleges concerned.
- 2. PRO for a Press Release/Enquiry.
- 3. PS to VC/PVC
- 4. JR I/II/DR II/ VIII/AR III/ XI/XVII/XVIII/XXI
- 5. PA to C.E./C.E's.Sn./CT&D Sn./EN I/II/III/V/CETEX/Front Office.
- 6. EB/Tabulation Sns. concerned/Ac.C/Ac.AIV/Ac.AV
- 7. Exam.Tappal/Exam.Store
- 8. SF/FC.

Approved for Issue

**SECTION OFFICER**