



SHIVAJI UNIVERSITY, KOLHAPUR-416004, MAHARASHTRA

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शिवाजी विद्यापीठ, कोल्हापूर-416004 महाराष्ट्र

Estd: 1962

NAAC 'A' Grade

MHRD –NIRF- 28th Rank

दूरध्वनी : (ईपीएबीएक्स) 0091-0231-2609000 परीक्षा नियंत्रक कार्यालय : 0231-2693176

अभियांत्रिकी व तंत्रज्ञान परीक्षा विभाग : 0231-2609122 फॅक्स : 0091-0231-2690655

वेबसाईट : (www.unishivaji.ac.in) ई मेल coe@unishivaji.ac.in

Ref.: - SU/EXAM/Engg. & Tech. Exam/ 4972

Date : 05th October, 2016

To,

The Principals/Directors,

Affiliated Colleges/Institutes

Sub:- Final Programme of the FE to BE Examination

to be held in November/December, 2016.

Sir/Madam,

Please find enclosed here with the Theory Programme of above examinations to be held in December, 2016. Kindly display the same on the notice board of your Institute immediately for the information of the students and teachers concerned.

The Programme is available on the University website [i.e.www.unishivaji.ac.in](http://www.unishivaji.ac.in)

Thanking you,

Yours faithfully,

Sd/-

Deputy Registrar

(On Exam)

Encl : as above.

Copy for information and further necessary action.

1. Hon'ble C.O.E. office
2. Dy. Registrar, Pre-Exam
3. Dy. Registrar, Post-Exam
4. Strong Room
5. Godown Section



SHIVAJI UNIVERSITY, KOLHAPUR.
Circular No. -273 - Exam of December- 2016.

Programme of the F.E. to B.E. SEM.-I to VIII Examinations in the Branches Civil/ Mechanical/ Electrical/ Electronics/ Chemical/ Production/ Electronics and Tele-Comm./ Instrumentation/ Environmental/ Automobile/ Computer/ Information Technology /Biotechnology/ Electrical & Electronics /Aeronautical Engg. / Mechanical and Automation Engg. to be held in **December- 2016.**

1. The candidates are requested to be present at their respective place of examination **FIFTEEN MINUTES** before the time appointed for setting of the First paper and **TEN MINUTES** before the time of setting of each subsequent paper. They are forbidden to take any book or paper into the Examination Hall.
2. The Written, Practical and Oral Examinations will be held at the following places.

No	Centre	Place
1	ASHTA	Annasaheb Dange, College of Engg. & Tech., Ashta
2	KARAD	Govt. College of Engineering, Karad
3	KOLHAPUR	Bharthi Vidyapeeth College of Engineering, Kolhapur.
4		D. Y. Patil College of Engg. & Tech., Kolhapur
5		KIT's College of Engineering. Kolhapur
6		D.Y. Patil Prathisthans College of Engineering, Salokhe Nagar, Kolhapur.
7	JAYSINGPUR	J. J. Magdum College of Eng. Jaysingpur
8	BUDHAGAON	P.V.P. Institute of Technology, Budhagaon.
9	SAKHARALE	Rajarambapu Institute of Tech. College of Eng. Sakharale
10	SATARA	K.B.P. College of Eng. & Polytechnic, Satara
11	ICHALKARANJI	D.K.T.E.'s Textile & Engg. Inst. Ichalkaranji
12	WARANANAGAR	Tatyasaheb Kore Inst. of Eng. & Tech. Warananagar
13	SANGLI	Shri Ambabai Talim, College of Engg & Tech, Wanlesswadi Miraj
14	LIMB	Satara College of Engg. & Mgt. Limb, Tal:/Dist: Satara.
15	BANAWADI	Dr. Daulatrao Aher College of Engg. Banawadi
16	VITA	Adarsh Inst. of Tech.& Research Centre, Vita, Dist: Sangli
17	Yadrav	Sharad Institute of Tech's College of Engg Yadrav, Tal: Shirol,
18	Wadwadi	Abhinav Edu.Society, College of Engg & Tech, Wadwadi, Khandala,
19	Atigre	Sou.S.D. Ghodawat Charitable Trust's Group of Insti., Atigre
20	Panhala	Sanjeevan Engineering & Technology, Institute, Panhala,
21	Vathar-tarf – Vadgaon	Shri. Balasaheb Mane Shikshan Prasarak Mandal, Group of Institutions, Vathar-Tarf-Wadgaon,
22	Kille Machindragad — Only FE & SE Fresh, TE/BE & BE Repeater Exam will be conducted	Jaywant College of Engg. & Mgt., Walva, Kille Machindragad.
23	Panmalewadi, Post : Varye,	Arvind Gavali College of Engineering, Panmalewadi, Post : Varye, Tal/Dist: Satara.
24	Vikaswadi, Tal.-Kagal	Dhananjay Mahadik Group of Institutions, 209/A, NH-4, Vikaswadi, Kagal, Kolhapur

25	Talsande, Tal.- Hatkanangale	D.Y. Patil Education Society's, D.Y. Patil Technical Campus, Talsande, Tal: Hatkanangale, Dist: Kolhapur.
26	Thakurki, Tal.- Phaltan	Phaltan Education Society's Colege of Engineering, Sr.No. 31, A/p: Thakurki, Tal: Phaltan, Dist: Satara.
27	Wadhe, Satara	Yashoda Technical Campus, Faculty of Engg, Wadhe, Satara.
28	Peth, Tal.- Walwa	Nanasaheb Mahadik College of Engineering Peth,
29	Kasarwadi	Genesis Institute of Tech. Kasarwadi, Tal: Hatkanangale
30	Chinchewadi	Sant. Gajanan Maharaj College of Engineering Chinchewadi, Tal; Gadhinglaj
31	Patgaon	Shivganga Charitable Trust Sangli's Vishveshwariya Technical Campus Faculty of Degree Engg, Patgaon, Miraj, Miraj Pandharpur Road, MIRAJ.
32	Sajjangad	Dnyanashree Institute of Engg & Tech. Sonavadi Gajawadi, Sajjangad Road, Tal/Dist: Satara.
33	Guddai A/P- Bhadgaon, Tal –Gadhinglaj.	Dr. A.D. Shinde College of Engineering, Guddai., A/P- Bhadgaon, Tal – Gadhinglaj.

The written examination will be conducted in the following order :

First Year – Semester 1 & 2
(Time 10.30 a.m to 01.30 p.m.)

Day	Date	Subject Code	Subject Name
Saturday	19-11-16	59933	Engineering Mathematics- II
Tuesday	22-11-16	59176	Engineering Physics
Thursday	24-11-16	59183	Engineering Chemistry
Saturday	26-11-16	59178	Basic Electrical Engineering
Tuesday	29-11-16	59184	Fundamentals of Electronics and Computer
Thursday	01-12-16	59179	Basic Civil Engineering
Friday	02-12-16	59185	Applied Mechanics
Saturday	03-12-16	59180	Engineering Graphics (Time 09:30 a.m. to 01:30 p.m.)
Monday	05-12-16	59186	Basic Mechanical Engineering
Tuesday	06-12-16	59177	Engineering Mathematics- I

Second Year – Semester 3

(Time 10.30 am. to 1.30 p.m.)

Day	Date	Branch	Subject Code	Subject Name
Tuesday	15-11-16	Civil	63338	Engineering Maths- III
		Mech.	63350	Engineering Maths- III
		Electrical	63368	Engineering Maths- III
		Electronics	63434	Engineering Maths- III
		CSE	63524	Applied Mathematics Written : 10.00 am to 12.00 am Online : 12.30 pm to 01.30 pm O M R : 01.30 pm to 02.30 pm
		Prod.	63472	Machine Tools & Processes
		Environ	63500	Engineering Maths- III
		Chem.	63421	Engineering Maths- III
		Instru.	63487	Transducer Technology
		Auto.	63380	Engineering Maths- III
		IT	63512	Discrete Mathematical Structures
		ETC	63460	Engineering Maths- III
		Bio Tech.	63446	Engineering Maths- III
		EE	50183	Engineering Mathematics-iii
		AE	63991	Engineering Maths- III
MAE	64007	Engineering Maths- III		
Thursday	17-11-16	Civil	63339	Surveying- I
		Mech.	63351	Electrical Technology
		Electrical	63369	Electrical Engineering Materials & Energy Conversion
		Electronics	63435	Electronic Measurement and Instrumentation
		CSE	63525	Discrete Mathematical Structures Written : 10.00 am to 12.00 am Online : 12.30 pm to 01.30 pm O M R : 01.30 pm to 02.30 pm
		Prod.	63473	Engineering Maths- III
		Environ	63501	Environmental Chemistry & Microbiology
		Chem.	63422	Chemistry- I
		Instru.	63488	Applied Electronics
		Auto.	63381	Electrical Technology
		IT	63513	Digital System and Microprocessor Written : 10.00 am to 12.00 am Online : 12.30 pm to 01.30 pm O M R : 01.30 pm to 02.30 pm
		ETC	63461	Analog Circuits– I
		Bio Tech.	63447	Unit Operations – I
		EE	50184	Digital Electronics and Linear Integrated Circuits
		AE	63992	Applied Thermodynamics
MAE	64008	Thermal Science		
Monday	21-11-16	Civil	63340	Strength of Material –I
		Mech.	63352	Applied Thermodynamics
		Electrical	63370	Analog Electronics Engineering
		Electronics	63436	Electronic Circuit Analysis & Design -I
		CSE	63526	Data Structures Written : 10.00 am to 12.00 am Online : 12.30 pm to 01.30 pm O M R : 01.30 pm to 02.30 pm
		Prod.	63474	Machine Drawing (Time 9.30 am. to 1.30 p.m.)
		Environ	63502	Fluid Mechanics- I
		Chem.	63423	SOM & MOC
		Instru.	63489	Linear Integrated Circuits
		Auto.	63382	Applied Thermodynamics

Day	Date	Branch	Subject Code	Subject Name
Monday	21-11-16	IT	63514	Data Communication Written : 10.00 am to 12.00 am Online : 12.30 pm to 01.30 pm O M R : 01.30 pm to 02.30 pm
		ETC	63462	Digital Electronics
		Bio Tech.	63448	Macromolecules And Biomembranes
		EE	50185	Electrical Circuit Analysis
		AE	63993	Fluid Mechanics
		MAE	64009	Electric Drives and Controls
Wednesday	23-11-16	Civil	63341	Fluid Mechanics- I
		Mech.	63353	Metallurgy
		Electrical	63371	Electromagnetic and Electrical Circuits
		Electronics	63437	Analog Communication
		CSE	63527	Data Communication Written : 10.00 am to 12.00 am Online : 12.30 pm to 01.30 pm O M R : 01.30 pm to 02.30 pm
		Prod.	63475	Thermal Engineering
		Environ	63503	Surveying Remote Sensing & GIS
		Chem.	63424	Fluid Mechanics
		Instru.	63490	Mathematics- III
		Auto.	63383	Automotive Materials and Manufacturing
		IT	63515	Fundamentals of Economics and Management
		ETC	63463	Network Analysis
		Bio Tech.	63449	Cell Biology
		EE	50186	Electronic Circuit Analysis and Design
		AE	63994	Elements of Aeronautics
MAE	64010	Fluid Mechanics		
Friday	25-11-16	Civil	63342	Building Constructions & Materials (Time 9.30 am. to 1.30 p.m.)
		Mech.	63354	Fluid Mechanics
		Electrical	63372	Measurements and Instrument
		Electronics	63438	Network Analysis
		CSE	63528	Microprocessors Written : 10.00 am to 12.00 am Online : 12.30 pm to 01.30 pm O M R : 01.30 pm to 02.30 pm

Day	Date	Branch	Subject Code	Subject Name
Friday	25-11-16	Prod.	63476	Electrical & Electronics Engineering
		Environ	63504	Ecology & Environmental Sanitation
		Chem.	63425	Mechanical Operations
		Instru.	63491	Electrical Machines & Drives
		Auto.	63384	Fluid Mechanics
		IT	63516	Statistics & Fuzzy Systems
		ETC	63464	Transducers and Measurements
		Bio Tech.	63450	Microbiology
		EE	50187	Power Systems-i
		AE	63995	Mechanics of Solids
		MAE	64011	Manufacturing Technology
Monday	28-11-16	IT	63517	Problem Solving Using 'C' Online : 10.00 am to 11.00 am O M R : 11..00 pm to 12.00 am
		MAE	64012	Mechanical Engineering Drawing

Second Year – Semester 4
(Time 02.30 p.m. to 05.30 p.m.)

Day	Date	Branch		Subject Name
Monday	7-11-16	Civil	63344	Structural Mechanics
		Mech.	63360	Applied Numerical Method
		Electrical	63374	DC Machines And Transformer
		Electronics	63440	Linear Integrated Circuits
		CSE	63531	Automata Theory Written : 02.30 pm to 04.30 pm Online : 05.00 pm to 06.00 pm O M R : 06.00 pm to 07.00 pm
		Prod.	63479	Foundry Technology
		Environ	63506	Water Resources Engineering
		Chem.	63427	Engineering Mathematics-IV
		Instru.	63493	Electronics & Electrical Measuring Instruments
		Auto.	63388	Computational Methods
		IT	63518	Computer Network Written : 02.30 pm to 04.30 pm Online : 05.00 pm to 06.00 pm O M R : 06.00 pm to 07.00 pm
		ETC	63466	Analog Circuits-II
		Bio Tech.	63453	Biostatistics
		EE	51184	Electric Machine – I
		AE	63999	Aerodynamics-I
MAE	64015	Strength Of Materials		
Tuesday	8-11-16	Civil	63345	Surveying-II
		Mech.	63361	Analysis of Mechanical Elements
		Electrical	63375	Power Electronics
		Electronics	63441	Electronics Circuits Analysis Design-II
		CSE	63532	Computer Networks Written : 02.30 pm to 04.30 pm Online : 05.00 pm to 06.00 pm O M R : 06.00 pm to 07.00 pm
		Prod.	63480	Advanced Machine Tools And Processes
		Environ	63507	Environmental Geology
		Chem.	63428	Chemistry-II
		Instru.	63494	Digital System
		Auto.	63389	Kinematics Of Machines (Time 02.30 p.m. to 6.30 p.m.)
		IT	63519	Computer Organization And Architecture Written : 02.30 pm to 04.30 pm Online : 05.00 pm to 06.00 pm O M R : 06.00 pm to 07.00 pm
		ETC	63467	Linear Integrated Circuits
		Bio Tech.	63454	Unit Operation-2
		EE	51185	Power Systems-II
		AE	64000	Aircraft Production Technology
MAE	64016	Numerical Analysis		
Wednesday	9-11-16	Civil	63346	Concrete Technology
		Mech.	63362	Fluid and Turbo Machinery
		Electrical	63376	Power Systems I
		Electronics	63442	Data Structures And Algorithms
		CSE	63533	Computer Organization Written : 02.30 pm to 04.30 pm Online : 05.00 pm to 06.00 pm O M R : 06.00 pm to 07.00 pm
		Prod.	63481	Theory Of Machines-I (Time 02.30 p.m. to 6.30 p.m.)
		Environ	63508	Environmental Hydraulics
		Chem.	63429	Process Calculations
		Instru.	63495	Network & Circuit Theory
Auto.	63390	Metallurgy And Metal Treatment		

Day	Date	Branch	Subject Code	Subject Name
Wednesday	9-11-16	IT	63520	Data Structures Written : 02.30 pm to 04.30 pm Online : 05.00 pm to 06.00 pm O M R : 06.00 pm to 07.00 pm
		ETC	63468	Data Structure
		Bio Tech.	63455	Enzyme Technology
		EE	51186	Electrical & Electronics Measurement
		AE	64001	Material Science And Engineering
		MAE	64017	Metrology And Quality Control
Thursday	10-11-16	Civil	63347	Fluid Mechanics-II
		Mech.	63363	Theory of Machines-I (Time 02.30 p.m. to 6.30 p.m.)
		Electrical	63377	Network Analysis And Synthesis
		Electronics	63443	Digital System And Microprocessor
		CSE	63534	Operating System-I Written : 02.30 pm to 04.30 pm Online : 05.00 pm to 06.00 pm O M R : 06.00 pm to 07.00 pm
		Prod	63482	Analysis Of Machine Elements
		Environ	63509	Structural Mechanics-I
		Chem.	63430	Heat Transfer
		Instru.	63496	Statistical Methods In Instrumentation
		Auto.	63391	Fluid Machinery
		IT	63521	Theory Of Computation
		ETC	63469	Electromagnetic Engineering
		Bio Tech.	63456	Molecular Biology
		EE	51187	Signals and Systems
		AE	64002	Applied Numerical Methods
MAE	64018	Machine Tool Systems		
Friday	11-11-16	Civil	63348	Building Design & Drawing (Time 02.30 p.m. to 6.30 p.m.)
		Mech.	63364	Machine Tools and Processes
		Electrical	63378	Control System I
		Electronics	63444	Control System Engineering
		CSE	63535	Software Engineering Written : 02.30 pm to 04.30 pm Online : 05.00 pm to 06.00 pm O M R : 06.00 pm to 07.00 pm
		Prod.	63483	Welding Technology

Day	Date	Branch	Subject Code	Subject Name
Friday	11-11-16	Environ	63510	Construction Technology
		Chem.	63431	Chemical Engineering Thermodynamics-I
		Instru.	63497	Fluid Flow & Heat Transfer
		Auto.	63392	Strength Of Materials
		IT	63522	Software Engineering
		ETC	63470	Analog Communication Systems
		Bio Tech.	63457	Metabolic Pathways
		EE	51188	Microprocessors and Peripherals
		AE	64003	Electrical, Electronics And Communications Engineering
		MAE	64019	Theory Of Machines (Time 02.30 p.m. to 6.30 p.m.)
Saturday	12-11-2016	MAE	64020	Fluid And Turbo Machinery

Second Year – Semester 4 (Old Syllabus – Chances Up to May, 2017)

Day	Date	Branch	Subject Code	Subject Name
Tuesday	8-11-16	Electrical	43644	A.C. Machines
		Instru.	43630	Automatic Control systems
Wednesday	9-11-16	Electrical	43645	Industrial Management & Economics
		Electronics	43611	Digital Design
Thursday	10-11-16	Electrical	43647	Digital system & Microprocessor
		Auto.	43605	Manufacturing Processes
Friday	11-11-16	Electrical	43643	Signals & systems
		Electronics	43610	Signals & systems
		CSE	43617	Advanced Microprocessors Written : 02.30 pm to 04.30 pm Online : 05.00 pm to 06.00 pm O M R : 06.00 pm to 07.00 pm
		Mech.	43595	Machine Tool

Third Year – Semester 5
(Time 02.30 p.m. to 05.30 p.m.)

Day	Date	Branch	Subject Code	Subject Name
Wednesday	16-11-16	Civil	66235	Water Resource Engineering-I
		Mech.	66241	Control Engineering
		Electrical	66250	Digital Electronics and Microcontroller
		Electronics	66280	Signal and Systems
		CSE	66293	Computer Graphics Written : 02.30 pm to 04.30 pm Online : 05.00 pm to 06.00 pm O M R : 06.00 pm to 07.00 pm
		Prod.	66286	Metallurgy
		Environ	66268	Water Supply Engineering
		Chem.	66274	Process Instrumentation and Instrumental Methods of Analysis
		Instru.	66263	Power Electronics
		Auto.	66256	Dynamics of Machines
		IT	66300	Operating System-I Written : 02.30 pm to 04.30 pm Online : 05.00 pm to 06.00 pm O M R : 06.00 pm to 07.00 pm
		ETC	66314	Antenna and Wave Propagation
		Bio Tech.	66307	Bioprocess Calculations
		EE	55792	Electric Machine-II
		AE	66320	Aircraft Structures
MAE	66440	Non Conventional Energy Sources		
Saturday	19-11-16	Civil	66236	Design of Steel Structures
		Mech.	66242	Theory of Machine – II
		Electrical	66251	AC Machines
		Electronics	66281	Microcontroller
		CSE	66294	System Programming
		Prod.	66287	Theory of Machines-II
		Environ	66269	Engineering Management and Economics
		Chem.	66275	Computer Techniques in Chemical Engg.
		Instru.	66264	Process Control
		Auto.	66257	Hydraulics and Pneumatics
		IT	66301	Database Engineering Written : 02.30 pm to 04.30 pm Online : 05.00 pm to 06.00 pm O M R : 06.00 pm to 07.00 pm
		ETC	66315	Control Systems
		Bio Tech.	66308	Biological Thermodynamics
		EE	55793	Power Systems Analysis
		AE	66321	Aerodynamics-II
MAE	66441	Microprocessors and Applications		
Tuesday	22-11-16	Civil	66237	Environmental Engineering-I
		Mech.	66243	Heat and Mass Transfer
		Electrical	66252	Power Systems II
		Electronics	66282	Electromagnetic Engineering
		CSE	66295	Object Oriented Modeling and Design Written : 02.30 pm to 04.30 pm Online : 05.00 pm to 06.00 pm O M R : 06.00 pm to 07.00 pm
		Prod.	66288	Design of Machine Elements
		Environ	66270	Transportation Engineering and Town Planning
		Chem.	66276	Mass Transfer-I
		Instru.	66265	Biomedical Instrumentation
		Auto.	66258	Automotive Chassis
		IT	66302	Computer Algorithms
		ETC	66316	Signals and Systems
		Bio Tech.	66309	Fermentation Technology – I
		EE	55794	Electromagnetic Engg.
		AE	66322	Aerospace Propulsion-I
MAE	66442	Machine Design I		

Day	Date	Branch	Subject Code	Subject Name
Thursday	24-11-16	Civil	66238	Geotechnical Engineering – I
		Mech.	66244	Machine Design – I
		Electrical	66253	Control System II
		Electronics	66283	VLSI Design
		CSE	66296	Computer Algorithms
		Prod.	66289	Metrology
		Environ	66271	Geotechnical Engineering
		Chem.	66277	Chemical Engg. Thermodynamics-II
		Instru.	66266	Automatic Control System
		Auto.	66259	Metrology & Quality Control
		IT	66303	System Programming
		ETC	66317	Power Electronics
		Bio Tech.	66310	Genetic Engineering
		EE	55795	Control System
		AE	66323	Flight Mechanics-I
		MAE	66443	Database Management Systems
Saturday	26-11-16	Civil	66239	Transportation Engineering-I
		Mech.	66245	Manufacturing Engineering (Time 02.30 p.m. to 6.30 p.m.)
		Electrical	66254	Signals and Systems
		Electronics	66284	Digital Communication
		CSE	66297	Network Technologies Written : 02.30 pm to 04.30 pm Online : 05.00 pm to 06.00 pm O M R : 06.00 pm to 07.00 pm
		Prod.	66290	Metal Forming & Plastics Engineering
		Environ	66272	Building Planning & Design (Time 02.30 p.m. to 6.30 p.m.)
		Chem.	66278	Chemical Equipment Design-I
		Instru.	66267	Microcontroller and Application
		Auto.	66260	Heat and Mass Transfer
		IT	66304	Object Oriented Modeling and Design
		ETC	66318	Digital Communication
		Bio Tech.	66311	Bioinformatics
		EE	55796	Power Electronics
		AE	66324	Air Transportation Systems
		MAE	66444	Material Science and Metallurgy
Tuesday	29-11-16	Prod.	66291	Metal Cutting Theory
		Auto.	66261	Industrial organization and Engineering Economics
		Bio Tech.	66312	Immunology
		MAE	66445	Instrumentation and Control

Third Year – Semester 5 (Old Syllabus – Chances Up to May, 2018)
(Time 02. 30 : p.m. to 05.30: p.m.)

Day	Date	Branch	Subject Code	Subject Name
Wednesday	16-11-16	Electronics	45589	Microprocessor Peripherals & Interfacing
Saturday	19-11-16	Instrumentation	45643	Fiber Optics & Communication
		E & T C	45689	Linear Integrated Circuits
Thursday	24-11-16	Electronics	45590	Analog Integrated Circuits & Applications
Monday	28-11-16	Electronics	45591	Digital System Design
Tuesday	29-11-16	Electronics	45593	Control System Engineering

Third Year – Semester 6 (Old Syllabus) (Up to December, 2016)

(Time 10.30 a.m. to 01.30 p.m.)

Day	Date	Branch	Subject Code	Subject Name
Monday	7-11-16	Civil	45542	Structural Mechanic-III
		Mech.	45568	Machine Design -II
		Electrical	45583	Power System Stability and Control
		Electronics	45595	Microcontrollers
		CSE	45608	Compiler Construction Written : 10.00 am to 12.00 am Online : 12.30 pm to 01.30 pm O M R : 01.30 pm to 02.30 pm
		Prod.	45622	Metallurgy-II
		Environ	43683	Air Pollution-I
		Chem.	45636	Industrial Economics, Management & Entrepreneurship
		Instru.	45649	Microcontroller & Applications
		Auto.	45664	Automotive Component Manufacturing
		IT	45679	Database Engineering
		ETC	45692	Digital Signal Processing
		Bio Tech.	45705	Bio Instrumentation
		EE	55798	Power System Stability & Control
Tuesday	8-11-16	Civil	45543	Geotechnical Engineering-II
		Mech.	45569	Renewable Energy Engineering
		Electrical	45584	Control System Design
		Electronics	45596	Digital Communication
		CSE	45609	Operating System-II
		Prod.	45623	Industrial Management
		Environ	43684	Solid Waste Management
		Chem.	45637	Plant Utility & Pollution Control
		Instru.	45650	Industrial Automation-I
		Auto.	45665	Industrial Organization & Management
		IT	45680	Operating System-II
		ETC	45693	Digital Communication
		Bio Tech.	45706	Medical Bio Technology
		EE	55799	Electrical Drives and Control
Wednesday	9-11-16	Civil	45544	Engineering Management
		Mech.	45570	I.C. Engines
		Electrical	45585	Power Electronics
		Electronics	45597	Power Electronics
		CSE	45610	Database Engineering
		Prod.	45624	Industrial Hydraulics and Pneumatics
		Environ	43685	Environmental Management
		Chem.	45638	Mass Transfer-II
		Instru.	45651	Process Control
		Auto.	45666	I.C. Engines

Day	Date	Branch	Subject Code	Subject Name
Wednesday	9-11-16	IT	45681	Software Testing and Quality Assurance
		ETC	45694	VLSI Design
		Bio Tech.	45707	Microbial Technology
		EE	55800	Microcontroller and ITS Applications
Thursday	10-11-16	Civil	45545	Water Resource Engineering-II
		Mech.	45571	Industrial Fluid Power
		Electrical	45586	Microcontroller & Its Applications
		Electronics	45598	Digital Signal Processing
		CSE	45611	Object Oriented Modeling and Design Written : 10.00 am to 12.00 am Online : 12.30 pm to 01.30 pm O M R : 01.30 pm to 02.30 pm
		Prod.	45625	Design of Jigs Fixtures and Dies (Time 09.30 a.m. to 1.30 p.m.)
		Environ	43686	Noise Pollution Control
		Chem.	45639	Process Dynamics & Control
		Instru.	45652	Signals & Systems
		Auto.	45667	Automotive Chassis
		IT	45682	Internet Technology
		ETC	45695	Industrial & Power Electronics
		Bio Tech.	45708	Drug Development and Gene Therapy
Friday	11-11-16	EE	55801	Communication Engineering
		Civil	45546	Environmental Engineering-II
		Mech.	45572	Computer Integrated Manufacturing
		Electrical	45587	Communication Engineering
		Electronics	45599	Industrial Management & Operation Research
		CSE	45612	Information Security
		Prod.	45626	Quality Management
		Environ	43687	Quality Surveying & Valuation (Time 09.30 a.m. to 1.30 p.m.)
		Chem.	45640	Chemical Reaction Engineering-I
		Instru.	45653	Industrial Management
		Auto.	45668	Vehicle Body Engineering
		IT	45683	Information System Security
		ETC	45696	Industrial Management & Operation Research
Bio Tech.	45709	Industrial Economics, Management & Entrepreneurship		
Saturday	12-11-16	EE	55802	Digital Signal Processing
		Mech.	45573	Industrial Management Operation Research
		Prod.	45627	Machine Tools & Product Design
		Auto.	45669	Hydraulics & Pneumatics

Third Year – Semester 6
(New Syllabus Introduced From December, 2015)
(Time 10.30 a.m. to 1.30 p.m.)

Day	Date	Branch	Subject Code	Subject Name
Monday	7-11-16	Civil	66873	Theory of Structures
		Mech.	66837	Industrial Management and Operation Research
		Electrical	66845	Advanced Electrical Measurements
		Electronics	66851	Digital Signal Processing
		CSE	66858	Compiler Construction Written : 10.00 am to 12.00 am Online : 12.30 pm to 01.30 pm O M R : 01.30 pm to 02.30 pm
		Prod.	66866	Industrial Management
		Environ	66880	Waste Water Engineering
		Chem.	66886	INDUSTRIAL ECONOMICS , MANAGEMENT AND ENTREPRENERS
		Instru.	66893	Power Plant Instrumentation and Unit Operation
		Auto.	66900	I.C. Engine
		IT	66909	Computer Graphics Written : 10.00 am to 12.00 am Online : 12.30 pm to 01.30 pm O M R : 01.30 pm to 02.30 pm
		ETC	66916	Digital Signal Processing
		Bio Tech.	66922	Bioprocess Equipment Design
		EE	55798	POWER SYSTEM STABILITY AND CONTROL
		AE	67013	Machines and Mechanisms (Time 09.30 a.m. to 1.30 p.m.)
MAE	67006	Principles of Management		
Tuesday	8-11-16	Civil	66874	Geotechnical Engineering-II
		Mech.	66838	Industrial Fluid Power
		Electrical	66846	Communication Engineering
		Electronics	66852	Video Engineering
		CSE	66859	Operating System - II
		Prod.	66867	Industrial Hydraulics & Pneumatics
		Environ	66881	Air and Noise Pollution
		Chem.	66887	Plant Utility and Pollution Control
		Instru.	66894	Control System Design
		Auto.	66901	Vechile Body Engineering
		IT	66910	Information Security
		ETC	66917	VLSI Design
		Bio Tech.	66923	Fermentation Technology-2
		EE	55799	ELECTRICAL DRIVES AND CONTROL
		AE	67014	Design of Aircraft Structures
MAE	67007	Heat and Mass Transfer		
Wednesday	9-11-16	Civil	66875	Engineering Management
		Mech.	66839	Metrology and Quality Control
		Electrical	66847	Electrical Machine Design
		Electronics	66853	Power Electronics
		CSE	66860	Database Engineering Written : 10.00 am to 12.00 am Online : 12.30 pm to 01.30 pm O M R : 01.30 pm to 02.30 pm
		Prod.	66868	Design of Jigs, Fixtures & Dies (Time 09.30 a.m. to 1.30 p.m.)
		Environ	66882	Solid and Hazardous Waste Management
		Chem.	66888	Mass Transfer-II
		Instru.	66895	Chemical & Analytical Instrumentation
		Auto.	66902	Automotive Transmission
		IT	66911	Internet Technology Written : 10.00 am to 12.00 am Online : 12.30 pm to 01.30 pm O M R : 01.30 pm to 02.30 pm
		ETC	66918	Microprocessor and Microcontrollers

Day	Date	Branch	Subject Code	Subject Name
Wednesday	9-11-16	Bio Tech.	66924	Bioseparation Processes
		EE	55800	MICROCONTROLLER AND ITS APPLICATIONS
		AE	67015	Aerospace Propulsion-II
		MAE	67008	Machine Design II
Thursday	10-11-16	Civil	66876	Engineering Geology
		Mech.	66840	Machine Design – II
		Electrical	66848	Power System – III
		Electronics	66854	Computer Architecture and Operating System
		CSE	66861	Storage Networks
		Prod.	66869	Quality Management
		Environ	66883	Design of Structures – I
		Chem.	66889	Process Dynamics & Control
		Instru.	66896	Industrial Automation
		Auto.	66903	Machine Design
		IT	66912	Operating System II
		ETC	66919	Optical Communication and Network
		Bio Tech.	66925	Analytical Techniques in Biotechnology
		EE	55801	COMMUNICATION ENGINEERING
		AE	67016	Industrial Management and Operation Research
MAE	67009	Manufacturing Automation		
Friday	11-11-16	Civil	66877	Environmental Engineering-II
		Mech.	66841	Internal Combustion Engines
		Electrical	66849	Electrical Drives
		Electronics	66855	Electronic System Design
		CSE	66862	Information Security Written : 10.00 am to 12.00 am Online : 12.30 pm to 01.30 pm O M R : 01.30 pm to 02.30 pm
		Prod.	66870	Machine Tool Design
		Environ	66884	Environmental Management
		Chem.	66890	Chemical Reaction Engg.-I
		Instru.	66897	Embedded Instrumentation
		Auto.	66904	Automotive Refrigeration and Air Conditioning
		IT	66913	Software Testing and Quality Assurance
		ETC	66920	Industrial Management
		Bio Tech.	66926	Drug Development and Gene Therapy
		EE	55802	DIGITAL SIGNAL PROCESSING
AE	67017	Flight Mechanics – II		
MAE	67010	Applied Hydraulics and Pneumatics		
Saturday	12-11-16	Bio Tech.	66927	Plant Biotechnology
		MAE	67011	Finite Element Analysis

Fourth Year – Semester 7 (Old Syllabus) (Up to May, 2017)

(Time 02.30 p.m. to 5.30 p.m.)

Day	Date	Branch	Subject Code	Subject Name
Tuesday	15-11-16	Civil	47901	Design of Concrete Structure-I
		Mech.	47979	Refrigeration & Air Conditioning
		Electrical	47935	Electrical Drives and Control
		Electronics	47946	Embedded System Design
		CSE	47917	Advanced Computer Architecture
		Prod.	47993	Operation Research
		Environ	45952	Air Pollution – II
		Chem.	47888	Chemical Reaction Engg.-II
		Instru.	47961	Advanced Process Instrumentation
		Auto.	47864	Engine & Machine Design
		IT	47971	Mobile Technology
		ETC	47926	Computer Communication Network
		Bio Tech.	47876	Bio reaction Engineering
EE	59361	Switchgear & Protection		
Thursday	17-11-16	Civil	47902	Quantity Survey and Valuation (Time 2.30 p.m. to 6.30 p.m.)
		Mech.	47980	Mechanical System Design
		Electrical	47936	High Voltage Engineering
		Electronics	47947	Power Electronics and Drives
		CSE	47918	Distributed System
		Prod.	47994	Mechatronic Systems
		Environ	45953	Industrial Waste Treatment
		Chem.	47889	Chemical Process & Synthesis
		Instru.	47962	Instrumentation System Design
		Auto.	47865	Vehicle Dynamics
		IT	47972	Advanced Database Systems
		ETC	47927	Wireless Communication
		Bio Tech.	47877	Protein Engineering
EE	59362	Control System Design		
Monday	21-11-16	Civil	47903	Earthquake Engineering
		Mech.	47981	Finite Element Analysis
		Electrical	47937	Advanced Switchgear and Protection
		Electronics	47948	Video Engineering
		CSE	47919	Advanced Database System
		Prod.	47995	Process Engineering
		Environ	45954	Advanced Water & Wastewater Treatment
		Chem.	47890	Chemical Process Design (Time 2.30 p.m. to 6.30 p.m.)
		Instru.	47963	Industrial Automation-II
		Auto.	47866	Finite Element Analysis
		IT	47973	Real Time Systems
		ETC	47928	Microwave Engineering
		Bio Tech.	47878	Pharmaceutical Biotechnology
EE	59363	FACTS		
Wednesday	23-11-16	Civil	47904	Transportation Engineering
		Mech.(Elective-1)	47982	Experimental Mechanics
			47983	Noise & Vibration
			47984	Automobile Engineering
			47985	Jigs and Fixture Design
		Electrical	47938	Renewable Energy Sources
Electronics	47949	Information Theory & Coding		

Day	Date	Branch	Subject Code	Subject Name
Wednesday	23-11-16	Prod.	47996	Production & Operations Management
		Environ	45955	Environmental Impact Assessment
		Chem.	47891	Modeling & Simulation in Chemical Engg.
		CSE (Elective-1)	47921	Soft Computing
			47922	Project Management
			47923	Cyber Laws
		Instru.	47964	Digital Signal Processing
		Auto.	47867	Alternative Fuels & Emission
		IT Elect 1	47976	Project Management
			47977	Cyber Laws
		ETC	47929	Embedded System
Bio Tech.	47879	Bioprocesses		
EE	59364	Industrial Management and Economics		
Friday	25-11-16	Civil (Elective-1)	47905	Advanced Structural Analysis
			47906	Experimental Stress Analysis
			47907	Finite Element Method
			47908	Advanced Foundation Engineering
			47909	Transportation Infrastructure Planning and Demand Estimation
			47910	Advanced Engineering Geology
			47911	Open Channel Hydraulics
			47912	Human Resource Development
			47913	Project Appraisal
			47914	Solid Waste Management
		Mech.(Elective-2)	47986	Total Quality Management
			47988	Industrial Product Design
		Electrical (Elective-1)	47939	FACTS
			47940	Digital Control System
			47942	Electrical Engineering Materials
		Electronics (Elective-1)	47950	Fiber Optic Communication
			47951	Satellite Communication
			47952	Biomedical Instrumentation
			47955	Digital Image Processing
			47956	Real Time Systems
		Prod.	47997	Computer Aided Design & Analysis
		Environ (Elective-1)	45956	Optimization Techniques
			45957	Environmental Biotechnology
			45958	Disaster Planning & Risk Analysis
			45959	Clean Development Mechanism
		Chem. (Elective-1)	47892	Petroleum Refinery Engineering
			47893	Bio-Technology
			47896	Optimization Technique in Chemical Engineering
		Instru. (Elective-1)	47966	Neural & Fuzzy Based Control
		Auto. (Elective-1)	47869	Energy Engineering
			47872	Production Management
		ETC (Elective-1)	47930	Digital Signal Processors
			47932	Satellite Communication
		Bio-Tech (Elective-1)	47880	Biomedical Engineering
			47881	Plant Biotechnology
			47882	Good Manufacturing
		EE (Elective-1)	59365	EHVAC

Fourth Year – Semester 7 (New Syllabus)
(New Syllabus Introduced From December, 2016)
(Time 02.30 p.m. to 5.30 p.m.)

Day	Date	Branch	Subject Code	Subject Name
Tuesday	15-11-16	Civil	67558	Design of Concrete Structures-I
		Mech.	67501	Refrigeration & Air Conditioning
		Electrical	67516	Economics for Engineers (Theory – 50 Marks) Time – 2.30: P.m. to 4.30p.m.
		Electronics	67526	Information Theory & Coding Techniques
		CSE	67541	Advanced Computer Architecture
		Prod.	67550	Operations Research
		Environ	67574	Air Pollution and Control
		Chem.	67585	Chemical Reaction Engg.II
		Instru.	67598	Virtual Instrumentation
		Auto.	67608	I.C. Engine Design
		IT	67620	Project Management
		ETC	67628	Satellite Communication
		Bio Tech.	67637	Bioreaction Engineering
		Aeronautical	67701	Mechanical Vibration and Structural Dynamics
MAE	67716	Industrial Automation and Robotics		
Thursday	17-11-16	Civil	67559	Earthquake Engineering
		Mech.	67502	Mechanical System Design
		Electrical	67517	Advanced Switchgear and Protection
		Electronics	67527	Embedded System Design
		CSE	67542	Distributed System
		Prod.	67551	Mechatronics System
		Environ	67575	EIA & Environmental Legislations
		Chem.	67586	Chemical Process & Synthesis
		Instru.	67599	Process Modeling and Simulation
		Auto.	67609	Vehicle Dynamics
		IT	67621	Mobile Computing
		ETC	67629	Embedded System
		Bio Tech.	67638	Process Engineering Costing and Plant Design
		Aeronautical	67702	Computational Aerodynamics
MAE	67717	P.L.C. & SCADA Programming		
Monday	21-11-16	Civil	67560	Quantity Surveying and Valuation
		Mech.	67503	Finite Element Analysis
		Electrical	67518	Power Quality and Harmonics
		Electronics	67528	Computer Network
		CSE	67543	Advanced Database System
		Prod.	67552	Production and Operations Management
		Environ	67576	Advanced Water & Wastewater Treatment
		Chem.	67587	Chemical Process Design
		Instru.	67600	Digital Signal Processing
		Auto.	67610	Finite Element Analysis
		IT	67622	Advance Database System
		ETC	67630	Computer Communication Network
		Bio Tech.	67639	Pharmaceutical Biotechnology
		Aeronautical	67703	Control Theory- Application to Flight Control Systems
MAE	67718	Metal Cutting and Tool Design		
Wednesday	23-11-16	Civil	67561	Project Management & Construction Equipments
		Mech. (Elective-1)	67504	Experimental Mechanics
			67505	Human and Professional Ethics
			67506	Automobile Engineering
			67507	Computational Fluid Dynamics
			67508	Process Equipment Design
			67509	Advanced Foundry Processes
		67510	Introduction to Aircraft Systems	
		Electrical	67519	Computer Methods in Power Systems
Electronics	67529	Image Processing		

Day	Date	Branch	Subject Code	Subject Name
Wednesday	23-11-16	Prod.	67553	Process Engineering
		Environ	67577	Design Of Structures II
		Chem.	67588	Modeling & Simulation in Chemical Engineering
		CSE (Elective-1)	67545	Soft Computing
			67546	Mobile Application
			67547	Adhoc Wireless Networks
		Instru. (Elective-1)	67601	Building Automation
			67602	Neural & Fuzzy Control
			67603	Instrumentation for Agricultural
			67604	Automobile Instrumentation
		Auto.	67858	Vehicle Maintenance
		IT (Elective-1)	67623	Real Time System
			67624	Internet of Things
			67625	Data Mining
			67626	Mainframe System
		ETC	67631	RF and Microwave Engineering
		Bio Tech.	67640	Protein Engineering
		Aeronautical (Elective-1)	67704	Helicopter Theory
			67705	Aircraft Design
			67706	Airframe Maintenance and Repair
67707	Flight Scheduling and Operations			
67708	Aircraft Materials			
MAE (Elective-1)	67719	Computational Fluid Dynamics		
	67720	Design of Jigs, Fixture and Press Tools		
	67721	Refrigeration and Air Conditioning		
	67722	Computer Aided Design and Computer Aided Manufacturing		
Friday	25-11-16	Civil (Elective-1)	67562	Advanced Structural Analysis
			67563	Experimental Stress Analysis
			67564	Advanced Foundation Engineering
			67565	Advanced Traffic Engineering
			67566	Advanced Engineering Geology
			67567	Open Channel Hydraulics
			67568	Remote Sensing and GIS Applications in Civil Engineering
			67569	Solid Waste Management
			67570	Optimization Techniques
			67571	Ground Improvement Techniques
		Mech. (Elective-2)	67833	Total Quality Management
			67834	Industrial Product Design
			67835	Advanced Forming Processes
			67836	Design Of Thermal System
			67837	Smart Materials
			67838	Design for Sustainability
			67839	Flexible Manufacturing Systems
		Electrical (Elective-1)	67520	FACTS
			67521	Single Processing For Electrical Engineering
			67522	Industrial Automation and SCADA
			67523	Restructured Power System
		Electronics (Elective-1)	67530	Optimization Techniques
			67531	Satellite Communication
			67532	Biomedical Instrumentation
			67533	Robotics & Artificial Intelligence
			67534	Information Technology
			67535	Modern Power Electronics Drives
		67536	Real Time System	
67538	Advanced Control System			

Friday	25-11-16	Prod. (Elective-1)	67554	Automobile Engineering
			67859	Energy Engineering
			67860	Composite Materials and Technology
			67861	Experimental Stress Analysis
			67862	Safety Engineering
			67863	Rapid Prototyping
			67864	Reliability Engineering
		Environ (Elective-1)	67578	Optimization Techniques
			67865	Renewable Energy Engineering
			67581	Clean Development Mechanism
			67579	Environmental Biotechnology
			67580	Disaster Planning & Risk Analysis
		Chem. (Elective-1)	67589	Petroleum Refinery Engineering
			67590	Bio- Technology
			67591	Introduction To Cryogenic Engineering
			67592	Pharmaceutical Technology – I
			67593	Optimization Technique in Chemical Engineering
		Instru. (Elective-1)	67605	Process Equipment Design
		Auto. (Elective-1)	67611	Advance Engine Technology
			67612	Computational Fluid Dynamics
			67613	Tribology
			67614	Optimizations Methods in Engineering Design
			67615	Transport Management
		ETC (Elective-1)	67632	Robotics
			67633	Speech Processing
			67634	MEMS
			67635	Radar and Navigation Aids
		Bio- Technology (Elective-1)	67641	Good Manufacturing Practices
			67866	Genomic and Proteomics
			67642	Vaccine and Biosimilar Technology
			67644	Bioethics, Biosafey and IPR
		Aeronautical (Elective-2)	67709	Industrial Aerodynamics
			67710	Heat Transfer
			67711	Total Quality Management
			67712	Computer Aided Design and Analysis
			67713	Aircraft Maintenance Engineering
MAE (Elective-2)	67723	Nano Technology		
	67724	Industrial Product Design		
	67725	Total Quality Management		
	67726	Mechatronics		

Fourth Year – Semester 8

(Time 02.30 p.m. to 5.30 p.m.)

Day	Date	Branch	Subject Code	Subject Name
Monday	7-11-16	Civil	49173	Town Planning & Transportation Engineering
		Mech.	49417	Mechatronics
		Electrical	49428	Electrical Utilization & Transaction
		Electronics	49434	Computer Network
		CSE	49447	Grid Technology
		Prod.	49455	Costing and Cost Control
		Environ	46422	Environmental Management System
		Chem.	49473	Chemical Process & Green Technology
		Instru.	49491	Field Instrumentation & Network
		Auto.	49499	Refrigeration and Air Conditioning
		IT	49509	Distributed Computing
		ETC	49516	Audio & Video Engineering
		Bio Tech.	49524	Bio separation Processes
		EE	59501	Electrical Machine Design
Tuesday	8-11-16	Civil	49174	Construction Practice
		Mech.	49418	Industrial Engineering
		Electrical	49429	HVDC System
		Electronics	49435	Operating System
		CSE	49448	Storage Networks
		Prod.	49456	Computer Integrated Manufacturing System
		Environ	46423	Environmental Policy & Legislation
		Chem.	49474	Transport Phenomena
		Instru.	49492	Process Modeling & Simulation
		Auto.	49500	Automotive Electronics
		IT	49510	Information Technology & Business Methodology
		ETC	49517	Broadband Communication
		Bio Tech.	49525	Bioprocess Modeling and Simulation
		EE	59502	Utilization & Energy Conservation
Wednesday	9-11-16	Civil	49175	Design of Concrete Structure - II
		Mech.	49419	Power Engineering
		Electrical	49430	Electrical Initialization, Testing and Maintenance
		Electronics	49436	Microwave Engineering
		CSE	49449	Real Time Operating System
		Prod.	49457	Advanced Industrial Engineering
		Environ	46424	Industrial Health & Safety
		Chem.	49475	P.E.P.E.
		Instru.	49493	Project Planning Estimation & Assessment
		Auto.	49501	Automotive System Design
		IT	49511	Storage Network
		ETC	49518	Image Processing
		Bio Tech.	49526	Bioprocess Engineering & Economics
		EE	59503	Embedded Systems

Day	Date	Branch	Subject Code	Subject Name
Thursday	10-11-16	Civil (Elective-2)	49176	Advance Concrete Design
			49177	Design Of Industrial Structure
			49178	Analysis and Design of Earthquake Resisting Struct
			49179	Structural Design of Foundation and Retaining Structures
			49180	Pavement Analysis Design and Evaluation
			49181	Remote Sensing Applications in Civil Engineering
			49182	Hydrology and Watershed Management
			49183	Site Investigation Methods and Practices
			49184	Entrepreneurships
			49185	Air Pollution & Control
		Mech. (Elective-3)	49420	Production Management
			49421	MEMS
			49422	Machine Tools Design
			49423	Computational Fluid Dynamics
		Electrical (Elective-2)	49431	EHVAC
			49534	Computer Aided power Systems
			49535	Advanced Digital Signal Processing
		Electronics (Elective-2)	49536	Restructured Power System
			49437	Broad Band Communication
			49438	Wireless Communication Network
			49439	Biomedical Control & Instrumentation
			49440	CMOS VLSI Design
			49441	Advanced Digital Signal Processors
			49442	System On Chip
			49443	Mechatronics
		CSE (Elective-2)	49444	Process Instrumentation
			49445	Neural Network & Applications
			49451	Data Mining
		Prod. (Elective-1)	49452	Adhoc Wireless Network
			49453	Business Intelligence System
			49458	Marketing Management
			49459	Material Management
			49460	Data Base Management
			49461	Entrepreneurship Development
			49462	Financial Management
		Environ	49463	Environment & Pollution Control
			49464	Organizational Behavior
		Chem. (Elective-2)	46425	Hazardous Waste Management
			49476	Bio-Chemical Engineering
			49477	Petrochemical Technology
			49478	Computer Aided Design
			49479	Distillation
49480	Enterprise Resource Planning			
49481	Artificial Intelligence in Process Engineering			
Instru. (Elective-2)	49482	Membrane Separation Process and Design		
	49483	Nuclear Engineering		
	49494	Power Plant Instrumentation		
	49495	Biomedical Instrumentation		
Auto.	49496	Advanced Digital Signal Processing		
	49497	Embedded Systems		
IT (Elective-2)	49502	Vehicle Performance		
	49513	Business Intelligent System		
ETC (Elective-2)	49514	ANN & Genetic Algorithm		
	49519	Speech Processing		
	49520	Pattern Recognition		
	49521	Mobile Communication		
		49522	Real Time Systems	

Day	Date	Branch	Subject Code	Subject Name
Thursday	10-11-16	Bio Tech.	49527	Animal Biotechnology
		EE (Elective-2)	59504	HVDC
			59505	Power System Harmonics
			59506	Electrical & Electronic Materials
			59507	VLSI Design
Friday	11-11-16	Civil (Elective-3)	49186	Advance Prestressed Concrete Design
			49187	Design of Bridges
			49188	Dynamics of Structure
			49189	Ground Improvement
			49190	Project Planning, Economics and Financing
			49191	Rock Mechanics
			49192	Water Power Engineering
			49193	Advance Construction Techniques
			49413	Optimization Technique
			49414	Industrial Waste Treatment
		Mech. (Elective-4)	49424	Enterprise Resource Planning
			49425	Cryogenics
			49426	P.I.C. & SCADA Programming
			49546	Industrial Automation and Robotics
		Electrical	58698	Electrical Power Quality and Harmonics
		CSE	58286	Introduction to Mainframes
		Prod. (Elective-2)	49465	Flexible Manufacturing Systems
			49466	Artificial Intelligence
			49467	Industrial Robotics
			49468	Low Cost Automation
			49469	Material Handling System
			49470	Advanced Foundry Technology
		Environ (Elective-2)	49471	Advanced Tool & Die Design
			46426	Managerial Techniques
			46427	Watershed Management
			46428	Environmental Modeling & Simulation
		Chem. (Elective-3)	46429	Occupational Health & Safety Management Systems
			49484	Energy Conservation and Recovery
			49485	Polymer Reaction Engineering
			49486	Pharmaceutical Technology-II
			49487	Multiphase Reactor Design
		Auto. (Elective-2)	49488	Mass Transfer With Chemical Reaction
			49503	Transport Management
			49504	Entrepreneurship Development
			49505	Tractor and Farm Equipment
			49506	Maintenance Management
		Bio Tech. (Elective-2)	49507	Operation Research
			49528	Applied Genetic Engineering
			49529	Food and Dairy Biotechnology
			49530	Metabolic Engineering
			49531	Advanced Biomaterials
		Saturday	12-11-16	IT

NOTE:

- 1) The candidates are permitted to use stencils at the Examination.
- 2) The candidates for examination are expected to provide themselves with Slide Rules.
- 3) The exchange or loan of slide rules, drawing instruments or other material used in the examination is not permitted while the examination is in progress. Candidates must bring their own instruments.

- 4) The candidates are allowed to use the electronic calculators for numerical calculations at their own cost. University will not supply such calculators.
- 5) The Practical and Oral Examinations will take place before/after the theory examination. The examiners will notify the day, date and place on the notice Board of the concerned Colleges. Students must be present at the time and place appointed for their practical examination. Those who fail to present themselves at the appointed time and place will not be examined in Practical and oral.
- 6) The Examination Programme is subject to change. If there is any change in the programme of the examination, it will be communicated in time, however the University is not responsible for any loss or inconvenience caused to the candidate.
- 7) The seating arrangement is made date-wise & subject-wise; therefore candidates are requested to see their seating arrangement one day before the date of Examination.
- 8) All the students should verify the customized time table printed on their hall ticket with the final programme sent to their college (also available at our web site) at least two days prior to the date of examinations. If there is any mistake in hall ticket, please refer the Time table of Concern exam or contact to the University (0231-2609122).
- 9) The cellular Phone, Pager, Scientific Calculator, Digital Diary or any means, which can be used for unfair practices, are not allowed in the examination hall.

Date: 05.10.2016
Vidyanagar,
KOLHAPUR - 416 004.

Sd/-
(**Shri. M.A. Kakade.**)
Controller of Examinations