



SHIVAJI UNIVERSITY, KOLHAPUR.

Final Programme of the **B. Tech Credit System** Examination to be held in

April / May -2018

1. The candidates are requested to be present at their respective place of examinations 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 Examination will be held at the:

***Department of Technology, New Building,
Shivaji University, Kolhapur.**

3. The Written Examination will be conducted in the following order:

F.Y. B.TECH- SEMESTER- II
(Credit System New Syllabus w.e.f.2016-17)
 (TIME: 10.00 a.m. to 01.00 p.m.)

Day & Date	BRANCHES	PAPER
27-04-2018 Friday	1) Electronics & Communication Technology	Engineering. Mathematics –II 67931 Compulsory for Group ('A' & 'B')
	2) Computer Science and Technology	
	3) Chemical Technology	
	4) Civil Engineering.	
	5) Food Technology	
	6) Mechanical Engineering	
02-05-2018 Wednesday	1) Electronics & Communication Technology	Engineering Physics 67942 (Group 'B')
	2) Computer Science and Technology	
	3) Chemical Technology	-----
	4) Civil Engineering.	Engineering Chemistry 67932 (Group 'A')
	5) Food Technology	
	6) Mechanical Engineering	
04-05-2018 Friday	1) Electronics & Communication Technology	Engineering Mechanics 67943 (Group 'B')
	2) Computer Science and Technology	
	3) Chemical Technology	-----
	4) Civil Engineering.	Fundamentals of Civil Engineering 67933 (Group 'A')
	5) Food Technology	
	6) Mechanical Engineering	
07-05-2018 Monday	1) Electronics & Communication Technology	Fundamentals of Mechanical Engineering 67944 (Group 'B')
	2) Computer Science and Technology	
	3) Chemical Technology	-----
	4) Civil Engineering.	Engineering Graphics 67934 (Group 'A')
	5) Food Technology	
	6) Mechanical Engineering	
12-05-2018 Saturday	1) Electronics & Communication Technology	Electronic Components and Devices 67945 (Group 'B')
	2) Computer Science and Technology	
	3) Chemical Technology	-----
	4) Civil Engineering.	Fundamentals of Electrical Engineering 67935 (Group 'A')
	5) Food Technology	
	6) Mechanical Engineering	

S.Y. B.TECH- SEMESTER-IV

Credit System(TIME:10.00 AM to 01.00 PM.)

Day & Date	BRANCHES	PAPER	Code
28-04-2018 Saturday	1) Electronics & communication Technology	Electronics Circuit Analysis & Design – II	55152
	2) Computer Science and Technology	Theory of Computation	55129
	3) Civil Engineering	Theory of Structures-I	55223
	4) Food Technology	Food Process Engineering –I	55177
	5)Chemical Technology	Applied Chemistry-II	55110
	6)Mechanical Engineering	Applied Mathematics	64465
03-05-2018 Thursday	1) Electronics & communication Technology	Communication Technology	55153
	2) Computer Science and Technology	Advanced Microprocessor	55130
	3) Civil Engineering	Engineering Geology	55224
	4) Food Technology	Food Additives& Contaminants	55178
	5) Chemical Technology	Chemical Engineering Thermodynamics	55111
	6)Mechanical Engineering	Mechanics of Material	64466
05-05-2018 Saturday	1) Electronics & communication Technology	Processor Architecture	55154
	2) Computer Science and Technology	Computer Organization	55131
	3) Civil Engineering	Fluid Mechanics-II	55225
	4) Food Technology	Food Biochemistry	55179
	5) Chemical Technology	Chemical Process Calculations	55112
	6)Mechanical Engineering	Theory of Machine-I (Time:-10.00 AM to 02.00 PM)	64467
08-05-2018 Tuesday	1) Electronics & communication Technology	Measurement Techniques	55155
	2) Computer Science and Technology	Computer Network	55132
	3) Civil Engineering	Concrete Technology	55226
	4) Food Technology	Human Nutrition	55180
	5) Chemical Technology	Fundamentals & Applications of Heat Transfer	55113
	6)Mechanical Engineering	Fluid and Turbo Machinery	64468
11-05-2018 Friday	1) Electronics & communication Technology	Industrial Organization Management	55156
	2) Computer Science and Technology	Computer Graphics & Multimedia Tech	55133
	3) Civil Engineering	Building Planning and Design ** (Time : -10.00 AM to 02.00 PM)	55227
	4) Food Technology	Fundamentals & Applications of Heat Transfer	55181
	5)Chemical Technology	Chromatography & Instrumental Methods of Analysis	55114
	6)Mechanical Engineering	Material Science and Metallurgy	64469
13-05-2018 Sunday	1) Electronics & communication Technology	***Environmental Studies*** (Time : -11.00 AM to 02.00 PM)	55234
	2) Computer Science and Technology		
	3) Civil Engineering		
	4) Food Technology		
	5)Chemical Technology		
	6)Mechanical Engineering		

S.Y. B.TECH- SEMESTER-IV

New Credit System (TIME:10.00 AM to 01.00 PM.)

Day & Date	BRANCHES	PAPER	Code
28-04-2018 Saturday	1) Electronics & communication Technology	Electronics Circuit Analysis & Design – II	70161
	2) Computer Science and Technology	Theory of Computation	70205
	3) Civil Engineering	Theory of Structures-I	69838
	4) Food Technology	Food Process Engineering – I	70185
	5) Chemical Technology	Chemistry-II	70138
	6) Mechanical Engineering	Applied Mathematics	70225
03-05-2018 Thursday	1) Electronics & communication Technology	Communication Technology	70162
	2) Computer Science and Technology	Advanced Microprocessor	70206
	3) Civil Engineering	Engineering Geology	69839
	4) Food Technology	Food Additives & Contaminants	70186
	5) Chemical Technology	Chemical Engineering Thermodynamics - II	70139
	6) Mechanical Engineering	Mechanics of Material	70226
05-05-2018 Saturday	1) Electronics & communication Technology	Linear Integrated Circuits	70163
	2) Computer Science and Technology	Computer Organization	70207
	3) Civil Engineering	Fluid Mechanics-II	69840
	4) Food Technology	Food Biochemistry	70187
	5) Chemical Technology	Chemical Process Calculations	70140
	6) Mechanical Engineering	Theory of Machine-I (Time:-10.00 AM to 02.00 PM)	70227
08-05-2018 Tuesday	1) Electronics & communication Technology	Measurement Techniques	70164
	2) Computer Science and Technology	Computer Network	70208
	3) Civil Engineering	Concrete Technology	69841
	4) Food Technology	Human Nutrition	70188
	5) Chemical Technology	Heat Transfer Operations	70141
	6) Mechanical Engineering	Fluid and Turbo Machinery	70228
11-05-2018 Friday	1) Electronics & communication Technology	Industrial Organization Management	70165
	2) Computer Science and Technology	Computational Mathematics	70209
	3) Civil Engineering	Building Planning and Drawing (Time:-10.00 AM to 02.00 PM)	69842
	4) Food Technology	Fluid Mechanics	70189
	5) Chemical Technology	Mechanical Operations	70142
	6) Mechanical Engineering	Material Science and Metallurgy	70229
13-05-2018 Sunday	1) Electronics & communication Technology	***Environmental Studies*** (Time : -11.00 AM to 02.00 PM)	69847
	2) Computer Science and Technology		
	3) Civil Engineering		
	4) Food Technology		
	5) Chemical Technology		
	6) Mechanical Engineering		

T.Y. B.TECH- SEMESTER-VI
Credit System(TIME:02.30 PM to 05.30 PM)

Day & Date	BRANCHES	PAPER	Code
27-04-2018 Friday	1) Electronics & communication Technology	Digital Signal Processing	59977
	2) Computer Science and Technology	Compiler Construction	59955
	3) Chemical Technology	Reaction Engineering -I	60042
	4) Mechanical Engineering	Machine Design-II	64552
	5) Food Technology	Sugar and Confectionery Technology	60000
	6) Civil Engineering	Theory of Structures-II	64513
02-05-2018 Wednesday	1) Electronics & communication Technology	Digital Communication Technology	59978
	2) Computer Science and Technology	Operating System-II	59956
	3) Chemical Technology	Organic Chemical Technologies	60043
	4) Mechanical Engineering	Control Engineering	64553
	5) Food Technology	Food Packaging	60001
	6) Civil Engineering	Water Resource Engineering - I	64514
04-05-2018 Friday	1) Electronics & communication Technology	Optical Fiber Communication	59979
	2) Computer Science and Technology	Object Oriented Modeling & Design	59957
	3) Chemical Technology	Industrial Pollution Control	60044
	4) Mechanical Engineering	Internal Combustion Engines	64554
	5) Food Technology	Industrial Economic and Management	60002
	6) Civil Engineering	Transportation Engineering - II	64515
07-05-2018 Monday	1) Electronics & communication Technology	VLSI Design	59980
	2) Computer Science and Technology	Database Engineering	59958
		Computer Graphics and Multimedia Techniques	61753
	3) Chemical Technology	Mass Transfer –II	60045
	4) Mechanical Engineering	Metrology and Quality Control	64555
	5) Food Technology	Bio-Chemical Engineering	60003
6) Civil Engineering	Environmental Engineering - II	64516	
12-05-2018 Saturday	1) Electronics & communication Technology	Control Systems	59981
	2) Computer Science and Technology	Information Technology	59959
	3) Chemical Technology	Process Equipment Design & Drawing	60046
	4) Mechanical Engineering	Industrial Engineering and Management	64556
	5) Food Technology	Process Equipment Design & Drawing	60004
	6) Civil Engineering	Geotechnical Engineering-II	64517

FINAL YEAR. B.TECH- SEMESTER-VIII
Credit System
(TIME: 02.30PM to 05.30 PM)

Day & Date	BRANCHES	PAPER	Code
28-04-2018 Saturday	1) Electronics & communication Technology	Broadband Communication	64437
	2) Computer Science and Technology	Mobile Technology	64362
	3) Chemical Technology	Energy Conversion in Chemical Industries	64387
	4) Mechanical Engineering	Automobile Engineering	64576
	5) Food Technology	Post Harvest Technology of Plantation Crops	64490
	6) Civil Engineering	Design of RCC Structure-II (Time :01.30 pm to 05.30 pm)	66756
03-05-2018 Thursday	1) Electronics & communication Technology	Satellite Communication	64612
	2) Computer Science and Technology	Information Security	64363
		Software Testing and Quality Assurance	64394
	3) Chemical Technology	Process Modeling and Simulation	64388
	4) Mechanical Engineering	Total Quality Management	64577
	5) Food Technology	Design & Development of New Products	64491
6) Civil Engineering	Town and Country Planning	66757	
05-05-2018 Saturday	1) Electronics & communication Technology	Antennas & Radar Engineering	64439
	2) Computer Science and Technology	Soft Computing	64364
	3) Chemical Technology	Special Chemical Technologies-II	64389
	4) Mechanical Engineering	Mechatronics and Robotics	64578
	Food Technology	Waste Management of Food Industries	64492
		Industrial Economics and Management	64493
	6) Civil Engineering	Construction Practices	66758
08-05-2018 Tuesday	1) Electronics & communication Technology	ARM & Embedded Systems	64440
	2) Computer Science and Technology	Data Mining & Warehousing	64366
	3) Chemical Technology	Transport Phenomena	64390
	4) Mechanical Engineering	Power Plant Engineering	64579
	5) Food Technology	Food Plant Design and Layout	64498
	6) Civil Engineering	Elective-2 Water Resources Planning and Management	67112
Advanced Water and Waste Water Treatment		67049	

11-05-2018 Friday	1) Electronics & communication Technology	Fuzzy Logic and Applications	64441
		High Speed Digital Design	64442
		Digital Image Processing	64443
	2) Computer Science and Technology	Industrial Management	64368
		Real Time Operating System	64369
		Optimization Techniques	64370
	3) Chemical Technology	1. Petrochemical Technology	64615
		2. Industrial Biotechnology	64616
		3. Polymer Technology	64617
		4. Food Process Technology	64618
		5. Environmental Chemistry & Biochemistry	64619
	4) Mechanical Engineering	CFD – Computational Fluid Dynamics	64580
		Vibration & Noise	64581
		Nano Technology	64582
		Machine Tools Design	64583
	5) Food Technology	1. Flavors Technology	64494
		2. Snack Foods Technology	64495
		3. Sugar Technology	64496
		4. Energy Systems & Technology	64497
	6) Civil Engineering	Elective - III 1. Water Power Engineering	67331

Four Hour Duration Papers :

- | | | |
|----------------------------------|-------|---------------------------|
| 1. Engineering Graphics | 67934 | Time-10.00 am to 02.00 pm |
| 2. Theory of Machine-I | 64467 | Time-10.00 am to 02.00 pm |
| 3. Building Planning and Design | 55227 | Time-10.00 am to 02.00 pm |
| 4. Theory of Machine-I | 70227 | Time-10.00 am to 02.00 pm |
| 5. Building Planning and Drawing | 69842 | Time-10.00 am to 02.00 pm |
| 6. Design of RCC Structure-II | 66756 | Time-01.30 pm to 05.30 pm |

Odd Time Paper

- | | | |
|--------------------------|-------|---------------------------|
| 1. Environmental Studies | 55234 | Time: 11.00 am to 02.00pm |
|--------------------------|-------|---------------------------|

NOTE: -

- 1) The Practical and Oral Examinations in the subjects concerned will be held before conclusion of Theory Examination. Due Notice will be given by the examiners on the Notice Board of the Institute about the date, time and place of practical examination. Those who fail to present themselves at the appointed time and place will not be examined in practical.
- 2) The candidates are directed to submit the certified journals containing records of practical work carried out and samples or specimens prepared by them at the time of Practical Examinations.
- 3) The Candidates are allowed to use the non programmable scientific calculator for numerical calculations at their own cost University will not supply non programmable scientific calculator. The candidates are allowed to use log, semi log & graph papers provided on student's request only by University.
- 4) The Examination Programme is subject to change. If there is any change in examination Programme it will be communicated in time however, the University is not responsible for the loss or inconvenience caused to the candidate.
- 5) The Cellular Phone, Pager & Digital Diary or any other means similar electronic are not allowed in the Examination hall.
- 6) 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.
- 7) All students should verify the customized time table printed on their Hall Ticket with the final program sent to their college at least two days prior to the date of examination.
- 8) In respect of correction in Hall ticket please contact exam section immediately.

**Vidyanagar,
Kolhapur - 416 004
Date:08-01-2018**

**Shri. M. A. Kakade
Director Board of
Examination and Evaluation**

SHIVAJI UNIVERSITY, KOLHAPUR

Final Programme of the M.Tech. Credit System Semester-I & II

Examination to be held in

MAY -2018

1. The candidates are requested to be present at their respective place of examinations **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 Examination will be held at the :
Department of Technology, New Building,
Shivaji University, Kolhapur.
3. The Written Examination will be conducted in the following order :

**M.Tech Semester-I Credit System
(Old Course)**
(Time : 10.00a.m. to 1.00 p.m.)

Day & Date	BRANCHES		PAPER	CODE
14-05-2018 Monday	1	Electronics Technology	High Speed Analog Design	56439
	2	Computer Science and Technology	Mathematical Foundation of Computer Science	56348
	3	Energy Technology	Energy Scenario	56409
	4	Environmental Science and Technology	Physico -Chemical and Biological Treatment processes	56378
	5	Food Technology	Advances in Food Engg. & Tech	61172
16-05-2018 Wednesday	1	Electronics Technology	Reconfigurable Platforms & HDL	56440
	2	Computer Science and Technology	Design and Analysis of algorithms	56349
	3	Energy Technology	Biomass and its Conversion Technologies	56410
	4	Environmental Science and Technology	Environmental Chemistry and Microbiology	56379
	5	Food Technology	Advances in Food Science and Nutrition	61173
18-05-2018 Friday	1	Electronics Technology	Communication Networks	56441
	2	Computer Science and Technology	Artificial Neural Network	56350
	3	Energy Technology	Solar Photovoltaic energy Conversion	56411
	4	Environmental Science and Technology	Solid Waste management	56380
	5	Food Technology	Novel Techniques in Food Packaging	61174
21-05-2018 Monday	1	Electronics Technology	Memory Technologies	56446
			CMOS VLSI Design	56447
			Asynchronous Circuits Design	56448
			Advanced Computer Architecture	56449
	2	Computer Science and Technology	Advance Database Systems	56355
			Bio-Informatics	56356
			Advanced Compilers	56357
	3	Energy Technology	Waste to Energy Conversion	56416
			Wind Energy and Small Hydropower System	56417
			Energy Efficient Lighting	56418
	4	Environmental Science and Technology	Energy and Environmental	56385
			Environmental Toxicology	56386
			Disaster Management and Risk Analysis	56387
	5	Food Technology	Advances in Meat Fish & Poultry Processing	61179

			EL-1 Modern Techniques in Fruits and Vegetable Processing	61180
			Waste Utilization of Food Processing Industries	61181
23-05-2018 Wednesday	1	Electronics Technology	Digital System and Testing	56450
			Mixed Signal ASIC Design	56451
			RISC Microcontrollers	56452
			Automotive Embedded Systems	56453
			VLSI Design	56454
	2	Computer Science and Technology	Advanced Operating Systems	56358
			Real Time Systems	56359
			Web Engineering .	56360
	3	Energy Technology	Fuel and combustion Technology	56419
			Solar Passive Architecture	56420
			Energy Storage Systems	56421
	4	Environmental Science and Technology	Optimization Techniques	56388
			Environmental Economics	56389
			Environmental Statistics and Experimental Design	56390
	5	Food Technology	Advances in Processing of Dairy Technology	61182
			Food Rheology and Texture	61183
			Advances in Cereals and Pulses Processing Technology	61184

M.Tech Semester-I Credit System
(New Course A.Y. from 2016-17)
(Time : 10.00a.m. to 01.00 p.m.)

Day & Date	BRANCHES		PAPER	CODE
14-05-2018 Monday	1	Electronics Technology	High Speed Analog Design	68068
	2	Computer Science and Technology	Mathematical Foundation of Computer Science	68054
	3	Energy Technology	Energy Resources and Their Utilization	68111
	4	Environmental Science and Technology	Physico -Chemical and Biological Treatment processes	68083
	5	Food Technology	Advances in Food Engg. & Tech	68097
16-05-2018 Wednesday	1	Electronics Technology	Reconfigurable Platforms & HDL	68069
	2	Computer Science and Technology	Design and Analysis of algorithms	68055
	3	Energy Technology	Biomass and its Conversion Technologies	68112
	4	Environmental Science and Technology	Remote Sensing and GIS Applications in Environmental Engineering.	68084
	5	Food Technology	Advances in Food Science and Nutrition	68098
18-05-2018 Friday	1	Electronics Technology	Communication Networks	68070
	2	Computer Science and Technology	Artificial Neural Network	68056
	3	Energy Technology	Solar Photovoltaic energy Conversion	68113
	4	Environmental Science and Technology	Solid and Hazardous Waste Management	68085
	5	Food Technology	Novel Techniques in Food Packaging	68099
21-05-2018 Monday	1	Electronics Technology	Memory Technologies	68071
			CMOS VLSI Design	68072
			Asynchronous Circuits Design	68073
			Advanced Computer Architecture	68074
	2	Computer Science and Technology	Advance Database Systems	68057
			Bio-Informatics	68058
			Advanced Compilers	68059
	3	Energy Technology	Waste to Energy Conversion	68114
			Wind Energy and Small Hydropower System	68115
			Energy Efficient Lighting	68116
	4	Environmental Science and Technology	Energy and Environmental	68086
			Environmental Toxicology	68087
			Environmental Chemistry & Microbiology	68088

	5	Food Technology	Advances in Meat Fish & Poultry Processing	68100
			EL-1 Modern Techniques in Fruits and Vegetable Processing	68101
			Waste Utilization of Food Processing Industries	68102
23-05-2018 Wednesday		1. Electronics Technology 2. Computer Sci. Technology 3. Energy Technology 4. Environmental Sci. Technology 5. Food Technology (Open Elective for all Branches)	Optimization Techniques	68089
			Design of Energy Efficient	68090
			Operational Health and Safety Management	68091
			Fuel and Combustion Technology	68118
			Solar passive Architecture	68119
			Energy storage Systems	68120
			Advanced Operating Systems	68060
			Real Time Systems	68061
			Web-Engineering	68062
			Digital System and Testing	68075
			Mixed Signal ASIC Design	68076
			Automotive Embedded Systems	68077
			Advances in Processing of Dairy Technology	68103
Food rheology and Texture	68104			
Advances in Cereals and Pulses Processing Technology	68105			

M.Tech Semester-II Credit System (Old Course)

(Time : 10.00a.m. to 01.00 p.m.)

Day & Date	BRANCHES		PAPER	CODE
15-05-2018 Tuesday	1	Electronics Technology	DSP Processor	56455
	2	Computer Science and Technology	Parallel Computer Architecture	56361
	3	Energy Technology	Solar Thermal Energy Conversion	56422
	4	Environmental Science and Technology	Air pollution and Control	56391
	5	Food Technology	Advances in Food Biotechnology	61185
17-05-2018 Thursday	1	Electronics Technology	Real Time Operating System	56456
	2	Computer Science and Technology	Computer Vision and Image Processing	56362
	3	Energy Technology	Energy management and Audit	56423
	4	Environmental Science and Technology	Industrial Waste Treatment	56392
	5	Food Technology	Chemical and Instrumental analysis of food Components	61186
19-05-2018 Saturday	1	Electronics Technology	High Speed Digital Design	56457
	2	Computer Science and Technology	Computer Security	56363
	3	Energy Technology	Energy Efficiency in Thermal and Electrical Utility	56424
	4	Environmental Science and Technology	Advanced Water and Waste Water Treatment	56393
	5	Food Technology	Food Quality Safety and Toxicology	61187
22-05-2018 Tuesday	1	Electronics Technology	System on Chip	56462
			Wavelet Transform and Applications	56463
			Micro Electromechanical System	56464
			Robotics and Machine Vision	56465
	2	Computer Science and Technology	Data-Mining and Warehousing	56368
			Business Intelligence	56369
			Web Services and SOA	56370
	3	Energy Technology	Hydrogen Technology And Fuel cell Technology	56429
			Alternative Fuels for Transportation	56430
			Power Plant Engineering	56431

	4	Environmental Science and Technology	Environmental Management Systems	56398
			Numerical Methods and Statistics	56399
			Remote Sensing and GIS Application. In Env. Engg.	56400
			Environmental Sanitation	56401
	5	Food Technology	Newerdevelopments in bakery and confectionery	61192
			Nutraceutical and Functional Foods	61193
			Food Color and Flavor Technology	61194
24-05-2018 Thursday	1	Electronics Technology	RF Integrated Circuit Design	56466
			VLSI in Signal Processing	56467
			High Performance Networks	56468
			Mobile Computing	56469
			VLSI Design E Embedded System	56470
	2	Computer Science and Technology	Geographical Information Systems	56371
			Artificial Intelligence and Natural Language Processing	56372
			System Modeling and Simulation	56373
	3	Energy Technology	Power co-generation	56432
			Energy Modeling and Project Management	56433
			The New Energy Technologies	56434
	4	Environmental Science and Technology	Operation and Maintenance of Environmental Facilities	56402
			Project Management	56403
			Environmental Biotechnology	56404
	5	Food Technology	Recent developments in processing of plantation crops	61195
			Simulation and Modeling in Food Processing	61196
			Project Management for Food Processing Industries	61197

M.Tech Semester-II Credit System
(New Course A.Y. from 2016-17)
(Time : 10.00a.m. to 01.00 p.m.)

Day & Date	BRANCHES		PAPER	CODE
15-05-2018 Tuesday	1	Electronics Technology	DSP Processor	68144
	2	Computer Science and Technology	Parallel Computer Architecture	68235
	3	Energy Technology	Solar Thermal Energy Conversion	68190
	4	Environmental Science and Technology	Air pollution and Control	68158
	5	Food Technology	Advances in Food Biotechnology	68248
17-05-2018 Thursday	1	Electronics Technology	Real Time Operating System	68145
	2	Computer Science and Technology	Computer Vision and Image Processing	68236
	3	Energy Technology	Energy management and Audit	68191
	4	Environmental Science and Technology	Environment Management Systems	68159
	5	Food Technology	Chemical and Instrumental analysis of food Components	68249
19-05-2018 Saturday	1	Electronics Technology	Mobile Computing	68146
	2	Computer Science and Technology	Computer Security	68237
	3	Energy Technology	Energy Efficiency in Thermal and Electrical Utility	68192
	4	Environmental Science and Technology	Advanced Water and Waste Water Treatment	68160
	5	Food Technology	Food Quality Safety and Toxicology	68250
22-05-2018 Tuesday	1	Electronics Technology	System on Chip	68147
			Wavelet Transform and Applications	68148
			Micro Electro Mechanical System	68149
			Robotics and Machine Vision	68150
	2	Computer Science and Technology	Data-Mining and Warehousing	68238
			Business Intelligence	68239
			Web Services and SOA	68240
	3	Energy Technology	Hydrogen Technology And Fuel cell Technology	68193
			Alternative Fuels for Transportation	68194
			Power Plant Engineering	68195
	4	Environmental Science and Technology	Industrial Waste Treatment	68161
			Environmental Policies and Legislation	68162
			Environmental Sanitation	68163

	5	Food Technology	Newer developments in bakery and confectionery	68251
			Nutraceutical and Functional Foods	68252
			Food Color and Flavor Technology	68253
24-05-2018 Thursday	1	Electronics Technology	RF Integrated Circuit Design	
			High Performance Networks	68152
			High Speed Digital Design	68153
	2	Computer Science and Technology	Geographical Information Systems	68241
			Artificial Intelligence and Natural Language Processing	68242
			System Modeling and Simulation	68243
	3	Energy Technology	Power co-generation	68197
			Energy Modeling and Project Management	68198
			The New Energy Technologies	68199
	4	Environmental Science and Technology	Operation and Maintenance of Environmental Facilities	68165
			Rural Water Supply And Sanitation	68164
			Environmental Biotechnology	68166
	5	Food Technology	Recent Developments in Processing of Plantation crops	68254
			Simulation and Modeling in Food Processing	68255
			Project Management for Food Processing Industries	68256

NOTE: -

- 9) The Practical and Oral Examinations in the subjects concerned will be held before conclusion of Theory Examination. Due Notice will be given by the examiners on the Notice Board of the Institute about the date, time and place of practical examination. Those who fail to present themselves at the appointed time and place will not be examined in practical.
- 10) The candidates are directed to submit the certified journals containing records of practical work carried out and samples or specimens prepared by them at the time of Practical Examinations.
- 11) The Candidates are allowed to use the electronic calculators for numerical calculations at their own cost. University will not supply such calculators.
- 12) The Examination Programme is subject to change. If there is any change in examination Programme it will be communicated in time however, the University is not responsible for the loss or inconvenience caused to the candidate.

- 13)** The cellular Phone, Scientific Calculator, Pager & Digital Diary or any other means, which can be used for unfair practice, are not allowed in the Examination hall.
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- 16)** In respect of correction in Hall Ticket please contact exam section immediately.

**Vidyanagar,
Kolhapur - 416 004
Date:08-01-2018**

**Shri. M. A. Kakade
Director
Board of Examination and Evaluation**



SHIVAJI UNIVERSITY, KOLHAPUR.

Final Programme of the M. Tech. Semester-I & II Examination to be held in **May - 2018 (Regular Course)**

4. The candidates are requested to be present at their respective place of examinations 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.

5. The written Examination will be held at the:
**Department of Technology, New Building,
Shivaji University, Kolhapur.**

6. The Written Examination will be conducted in the following order:

M.Tech-SEMESTER-I

(Regular Course)

(TIME: 10.00 a.m. to 1.00 p.m.)

Day & Date	BRANCHES	PAPER
14/05/2018 Monday	1) Electronics Technology	CMOS VLSI Design (39906)
	2) Computer Science and Technology	Theory of Computer science (39925)
	3) Energy Technology	Energy Scenario (39841)
	4) Environmental Science & Technology	Introduction to Environmental science and Ecology (39951)
16/05/2018 Wednesday	1) Electronics Technology	Digital Systems Testing and Simulation with VHDL (39907)
	2) Computer Science and Technology	Advance Operating System (39926)
	3) Energy Technology	Biomass and its Conversion Technologies (39842)
	4) Environmental Science & Technology	Environmental Chemistry and Microbiology (39952)
18/05/2018 Friday	1) Electronics Technology	High Speed Analog Design Techniques (39908)
	2) Computer Science and Technology	Design and analysis of Algorithms (39927)
	3) Energy Technology	Solar Photovoltaic Energy Conversion (39843)
	4) Environmental Science & Technology	Energy and Environment (39953)
21/05/2018 Monday	1) Electronics Technology	1) Mixed Signal ASIC Design (39909)
		2) PIC ARM and AVR (39910)
	2) Computer Science and Technology	1) Computer Vision and Image Processing (39928)
		2) Artificial Neural Networks (39929)
		3) Real time O.S. (39930)
		4) Human & Computer Interaction (40312)
	3) Energy Technology	1) Waste to Energy conversion (39844)
		2) Wind Energy and Small (39845) hydropower systems
		3) Energy efficient lighting (39846)
	4) Environmental Science & Technology	1) Environmental Sanitation (39954)
		2) Optimization Techniques (39955)
		3) Environmental Biotechnology (39956)
23/05/2018 Wednesday	1) Electronics Technology	1) Analog and Low Power Digital VLSI Design (39911)
		2) Embedded C and RTOs (39912)
	2) Computer Science and Technology	1) Multimedia Communications (39931)
		2) Embedded Systems (39932)
		3) Data Mining (39933)
		4) Geographical Information Systems (39934)
	3) Energy Technology	1) Fuel and Combustion Tech. (39847)
		2) Solar Passive Architecture (39848)
		3) Energy Storage systems (39849)
	4) Environmental Science & Technology	1) Industrial Waste Management (39957)
2) Environmental Economics And Regulation. (39958)		

M.Tech. SEMESTER-II

(Regular Course)

(TIME: 02.00 p.m. to 05.00 p.m.)

Day & Date	BRANCHES	PAPER
15/05/2018 Tuesday	1) Electronics Technology	DSP Processor Fundamentals (39914)
	2) Computer Science and Technology	Computer Network Administration (39936)
	3) Energy Technology	Solar Thermal Energy Conversion (39851)
	4) Environmental Science & Technology	Physic-Chemical & Biological Treatment Processes (39960)
17/05/2018 Thursday	1) Electronics Technology	High Speed Digital Design Techniques (39915)
	2) Computer Science and Technology	Advanced Computer Architecture (39937)
	3) Energy Technology	Energy Management & Audit (39852)
	4) Environmental Science & Technology	Air Pollution and Control (39961)
19/05/2018 Saturday	1) Electronics Technology	Advanced Computer Networks (39916)
	2) Computer Science and Technology	Advanced in Database Design (39938)
	3) Energy Technology	Energy Efficiency in thermal & electrical utility (39853)
	4) Environmental Science & Technology	Environment Management Systems (39962)
22/05/2018 Tuesday	1) Electronics Technology	1) Micro Electromechanical systems (39917)
		2) Design Using FPAG and VHDL (39918)
	2) Computer Science and Technology4122	1) Web Technology (39939)
		2) Component Technology (39940)
		3) Quantum Computing (39941)
		4) Bio Informatics (39942)
		5) Digital Security (40313)
	3) Energy Technology	1) Hydrogen technology and fuel cell technology (39854)
		2) Alternative fuels for transportation (39855)
		3) Power Plant Engineering (39856)
	4) Environmental Science & Technology	1) Advanced Water & Waste Water Treatment Technique (39963)
		2) Environmental Toxicology (39964)
		3) Environmental Statistics and Experimental Design (39965)

M.Tech. SEMESTER-II (Cont.)

(Regular Course)

(TIME: 02.00 p.m. to 05.00 p.m.)

Day & Date	BRANCHES	PAPER
24/05/2018 Thursday	1) Electronics Technology	1) Mixed signal ASIC Design (39919)
		2) DSP Algorithms & Applications (39920)
	2) Computer Science and Technology	1) Advance Software Technology (39943)
		2) Computer Modeling & Simulation (39944)
		3) Neutral Language Processing (39945)
		4) Grid Computing (39946)
		5) Network Protocols (40314)
	3) Energy Technology	6) Mobile Computing (40315)
		1) Power Co-generation (39857)
		2) Energy modeling & project Management (39858)
	4) Environmental Science & Technology	3) The New Energy Technologies (39859)
		1) Remote Sensing and GIS (39966)
		2) Solid Waste Management (39967)

NOTE: -

- 17) The Practical and Oral Examinations in the subjects concerned will be held before conclusion of Theory Examination. Due Notice will be given by the examiners on the Notice Board of the Institute about the date, time and place of practical examination. Those who fail to present themselves at the appointed time and place will not be examined in practical.
- 18) The candidates are directed to submit the certified journals containing records of practical work carried out and samples or specimens prepared by them at the time of Practical Examinations.
- 19) The Candidates are allowed to use the electronic calculators for numerical calculations at their own cost. University will not supply such calculators.
- 20) The Examination Programme is subject to change. If there is any change in examination Programme it will be communicated in time however, the University is not responsible for the loss or inconvenience caused to the candidate.
- 21) The cellular Phone, Scientific Calculator, Pager & Digital Diary or any other means, which can be used for unfair practice, are not allowed in the Examination hall.
- 22) 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.
- 23) All students should verify the customized time table printed on their Hall Ticket with the final program sent to their college at least two days prior to the date of examination.
- 24) In respect of correction in Hall Ticket please contact exam section immediately.

Vidyanagar,
Kolhapur - 416 004
Date:08-01-2018

Shri. M. A. Kakade.
Director
Board of Examination and Evaluation

