

FINAL PROGRAMME



B.TECH - (CR). EXAMINATION  
Nov - 2018

## SHIVAJI UNIVERSITY, KOLHAPUR.

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

**Nov - 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:

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

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

**F.Y. B.TECH- SEMESTER- I**  
**(Credit System New Syllabus w.e.f.2016-17)**

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

Day & Date	BRANCHES	PAPER
<b>Wednesday</b> <b>28-11-2018</b>	1) Electronics & Telecommunication Technology	<b>Engineering Physics</b> <b>67896</b> <b>(Group 'A')</b> ----- <b>Engineering Chemistry</b> <b>67906</b> <b>(Group 'B')</b>
	2) Computer Science and Technology	
	3) Chemical Technology	
	4) Civil Engineering.	
	5) Food Technology	
	6) Mechanical Engineering	
<b>Friday</b> <b>30-11-2018</b>	1) Electronics & Telecommunication Technology	<b>Engineering. Mathematics –I</b> <b>67895</b> <b>Compulsory for Group</b> <b>('A' &amp; 'B')</b>
	2) Computer Science and Technology	
	3) Chemical Technology	
	4) Civil Engineering.	
	5) Food Technology	
	6) Mechanical Engineering	
<b>Monday</b> <b>03-12-2018</b>	1) Electronics & Telecommunication Technology	<b>Engineering Mechanics</b> <b>67897</b> <b>(Group 'A')</b> ----- <b>Fundamentals of Civil Engineering</b> <b>67907</b> <b>(Group 'B')</b>
	2) Computer Science and Technology	
	3) Chemical Technology	
	4) Civil Engineering.	
	5) Food Technology	
	6) Mechanical Engineering	
<b>Wednesday</b> <b>05-12-2018</b>	1) Electronics & Telecommunication Technology	<b>Fundamentals of Mechanical Engineering</b> <b>67898</b> <b>(Group 'A')</b> ----- <b>Engineering Graphics</b> <b>67908</b> <b>(Group 'B')</b> <b>Time-10.00 am to 2.00 pm</b>
	2) Computer Science and Technology	
	3) Chemical Technology	
	4) Civil Engineering.	
	5) Food Technology	
	6) Mechanical Engineering	
<b>Friday</b> <b>07-12-2018</b>	1) Electronics & Telecommunication Technology	<b>Electronic Components and Devices</b> <b>67899</b> <b>(Group 'A')</b> ----- <b>Fundamentals of Electrical Engineering</b> <b>67909</b> <b>(Group 'B')</b>
	2) Computer Science and Technology	
	3) Chemical Technology	
	4) Civil Engineering.	
	5) Food Technology	
	6) Mechanical Engineering	
<b>Saturday</b> <b>08-12-2018</b>	1) Electronics & Telecommunication Technology	<b>Democracy, Elections and Good Governance</b>  <b>Time-04.00 pm</b> <b>To</b> <b>05.00 pm</b>
	2) Computer Science and Technology	
	3) Chemical Technology	
	4) Civil Engineering.	
	5) Food Technology	
	6) Mechanical Engineering	

**S.Y. B.TECH- SEMESTER-III**  
**(Credit System New Syllabus w.e.f.2017-18)**  
**(TIME: 10.00 a.m. to 01.00 p.m.)**

Day & Date	BRANCHES	PAPER	Code
<b>Tuesday</b> <b>13-11-2018</b>	1) Electronics & communication Technology	Engineering Mathematics - III	70148
	2) Computer Science and Technology	Engineering. Mathematics - III	70196
	3) Food Technology	Engineering. Mathematics - III	70175
	4) Chemical Technology	Engineering. Mathematics - III	70128
	5) Civil Engineering.	Engineering. Mathematics – III	69828
	6) Mechanical Engineering	Numerical Methods	70214
<b>Thursday</b> <b>15-11-2018</b>	1) Electronics & communication Technology	Electrical Technology	70149
	2) Computer Science and Technology	Discrete Mathematical Structures	70197
	3) Food Technology	Food Microbiology	70176
	4) Chemical Technology	Chemistry- I	70126
	5) Civil Engineering.	Surveying	69829
	6) Mechanical Engineering	Electrical Technology and Computer Programming C++	70215
<b>Saturday</b> <b>17-11-2018</b>	1) Electronics & communication Technology	Electronics Circuit Analysis & Design –I	70150
	2) Computer Science and Technology	Digital Systems and Microprocessor	70198
	3) Food Technology	Principal of Food Preservation	70174
	4) Chemical Technology	Material Science and Technology	70130
	5) Civil Engineering.	Strength of Materials	69830
	6) Mechanical Engineering	Engineering Thermodynamics	70216
<b>Tuesday</b> <b>20-11-2018</b>	1) Electronics & communication Technology	Digital Techniques	70152
	2) Computer Science and Technology	Data Communication	70200
	3) Food Technology	Heat Transfer	70178
	4) Chemical Technology	Fluid Flow Operations	70129
	5) Civil Engineering.	Fluid Mechanics - I	69832
	6) Mechanical Engineering	Fluid Mechanics	70218
<b>Thursday</b> <b>22-11-2018</b>	1) Electronics & communication Technology	Network Analysis	70151
	2) Computer Science and Technology	Data Structures with C	70199
	3) Food Technology	Food Chemistry	70177
	4) Chemical Technology	Chemical Engineering Thermodynamics - I	70127
	5) Civil Engineering.	<b>Building Construction</b> <b>10.00 am to 02.00 pm</b>	69831
	6) Mechanical Engineering	Manufacturing Engineering-I	70217
<b>Saturday</b> <b>24-11-2018</b>	1) Electronics & communication Technology	<b>Democracy, Elections and Good Governance</b> <b>Time- 04.00 pm To 05.00 pm</b>  <b>( Not Applicable to Direct Year Students Admitted in 2018-19)</b>	—
	2) Computer Science and Technology		
	3) Food Technology		
	4) Chemical Technology		
	5) Civil Engineering.		
	6) Mechanical Engineering		

# T.Y. B.TECH- SEMESTER-V

Old Credit System

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

Day & Date	BRANCHES	PAPER	Code
<b>Wednesday 14-11-2018</b>	1) Electronics & communication Technology	Linear Integrated Circuits	59965
	2) Computer Science and Technology	Computer Algorithm	59945
	3) Mechanical Engineering	Machine Design – I	64542
	4) Food Technology	Process Instrumentation, Dynamics & control	59989
	5) Chemical Technology	Process Instrumentation, Dynamics & control	60035
	6) Civil Engineering	<b>Design of Steel Structures 10.00 am to 02.00 pm</b>	64504
<b>Friday 16-11-2018</b>	1) Electronics & communication Technology	Electromagnetic Fields	59966
	2) Computer Science and Technology	System Programming	59946
	3) Mechanical Engineering	Theory of Machine – II	64543
	4) Food Technology	Food Process Engineering- II	59990
	5) Chemical Technology	Inorganic Chemical Technologies	60032
	6) Civil Engineering	Transporting Engineering-I	64505
<b>Monday 19-11-2018</b>	1) Electronics & communication Technology	Microcontrollers	59967
	2) Computer Science and Technology	Operating System-I	59947
	3) Mechanical Engineering	Energy Engineering	64544
	4) Food Technology	Fruits &Vegetables Processing Technology	59991
	5) Chemical Technology	Industrial Economics & Management	60033
	6) Civil Engineering	Geotechnical Engineering-I	64506
<b>Monday 26-11-2018</b>	1) Electronics & communication Technology	Signals & systems	59968
	2) Computer Science and Technology	Software Engineering	59948
	3) Mechanical Engineering	Manufacturing Engineering – II	64545
	4) Food Technology	Technology of Cereals & Bakery Products	59992
	5) Chemical Technology	Chemical Plant Utilities	60031
	6) Civil Engineering	Environmental Engineering-I	64507
<b>Saturday 24-11-2018</b>	1) Electronics & communication Technology	Computer Network & Data Communication	59969
	2) Computer Science and Technology	Wireless Network	59949
	3) Mechanical Engineering	Heat and Mass Transfer	64546
	4) Food Technology	Dairy Technology	59993
	5) Chemical Technology	Mass Transfer-I	60034
	6) Civil Engineering	Construction Management	64508

**T.Y. B.TECH- SEMESTER-V**  
**(Credit System New Syllabus w.e.f.2018-19)**  
**(TIME: 10.00 a.m. to 01.00 p.m.)**

Day & Date	BRANCHES	PAPER	Code
<b>Wednesday</b> <b>14-11-2018</b>	1) Electronics & communication Technology	Digital Communication Technology	70874
	2) Computer Science and Technology	Computer Algorithm	71184
	3) Mechanical Engineering	Machine Design – I	70840
	4) Food Technology	Process Instrumentation, Dynamics & control	70890
	5) Chemical Technology	Thermal Engineering and Plant Utilities	70909
	6) Civil Engineering	<b>Design of Steel Structures</b> <b>10.00 am to 02.00 pm</b>	71688
<b>Friday</b> <b>16-11-2018</b>	1) Electronics & communication Technology	Electromagnetic Fields	70875
	2) Computer Science and Technology	System Programming	71183
	3) Mechanical Engineering	<b>Theory of Machine – II</b> <b>10.00 am to 02.00 pm</b>	70841
	4) Food Technology	Food Process Engineering- II	70889
	5) Chemical Technology	Chemical Reaction Engineering – I	70910
	6) Civil Engineering	Transporting Engineering-I	70821
<b>Monday</b> <b>19-11-2018</b>	1) Electronics & communication Technology	Microcontrollers	70876
	2) Computer Science and Technology	Operating System-I	71185
	3) Mechanical Engineering	Energy Engineering	70842
	4) Food Technology	Fruits &Vegetables Processing Technology	70887
	5) Chemical Technology	Inorganic Chemical Technologies	70911
	6) Civil Engineering	Geotechnical Engineering-I	70822
<b>Monday</b> <b>26-11-2018</b>	1) Electronics & communication Technology	Signals & systems	70877
	2) Computer Science and Technology	Software Engineering	71186
	3) Mechanical Engineering	<b>Manufacturing Engineering – II</b> <b>10.00 am to 02.00 pm</b>	70843
	4) Food Technology	Food Packaging	70886
	5) Chemical Technology	Safety in Chemical Industry	70912
	6) Civil Engineering	Environmental Engineering-I	70823
<b>Saturday</b> <b>24-11-2018</b>	1) Electronics & communication Technology	Computer Network & Data Communication	70878
	2) Computer Science and Technology	Computer Graphics and Multimedia	71187
	3) Mechanical Engineering	Heat and Mass Transfer	70844
	4) Food Technology	Dairy Technology	70888
	5) Chemical Technology	Mass Transfer Operations - I	70913
	6) Civil Engineering	Construction Management	70824

# FINAL YEAR. B.TECH- SEMESTER-VII

## Credit System

(TIME: 02.30 p.m. to 05.30 p.m.)

Day & Date	BRANCHES	PAPER	Code
<b>Tuesday 13-11-2018</b>	1)Electronics & communication Technology	Audio & Video Engineering	64423
	2)Computer Science and Technology	Advanced Computer Architecture	64351
	3)Chemical Technology	Advanced Separation Techniques	64374
	4) Mechanical Engineering	Refrigeration and Air-Conditioning	64562
	5)Food Technology	Meat, Poultry & Fish Processing Technology	64474
	6) Civil Engineering	<b>Design of RCC Structures –I 01.30 pm to 05.30 pm</b>	66743
<b>Thursday 15-11-2018</b>	1)Electronics & communication Technology	Industrial & Power Electronics	64424
	2)Computer Science and Technology	Information Technology	64358
		Advance Database Management	64352
	3)Chemical Technology	Process Economics and Project Engineering	64379
	4) Mechanical Engineering	Hydraulics and Pneumatics	64563
	5)Food Technology	Legume & Oilseed Technology	64475
6) Civil Engineering	<b>Estimating &amp; Costing 01.30 pm to 05.30 pm</b>	66744	
<b>Saturday 17-11-2018</b>	1)Electronics & communication Technology	Microwave Engineering	64425
	2)Computer Science and Technology	Distributed Systems	64353
	3)Chemical Technology	Reaction Engineering-II	64380
	4) Mechanical Engineering	Machine Design-III	64564
	5)Food Technology	Food Quality & Safety Management	64476
		Waste Management Of Food Industries	64477
	6) Civil Engineering	Earthquake Engineering	66745
<b>Tuesday 20-11-2018</b>	1) Electronics & communication Technology	Elective – I	64427
		1. Industrial Robotics & Automation	
		2. Speech and Audio Processing	64428
		3.RF Circuit Design	64429
	2) Computer Science and Technology	4.Real Time Operating System	64430
		Elective – I	64355
		1. Project Management	
		2. Cyber Law	64356
	3) Chemical Technology	3. Modern Information Retrieval	64357
		Elective – I	64375
		1. Petroleum Refinery Engineering	
		2. Biochemical Engineering	64376
		3. Polymer Chemistry	64377
	4. Drugs and Pharmaceutical Technology	64378	

<b>Tuesday 20-11-2018</b>	4) Mechanical Engineering	Elective-I	
		1. FEA-Finite Element Analysis	64566
		2. Cryogenics	64567
		3. Operation Research	64568
		4. Tribology	64569
	5) Food Technology	5. Production Management	64570
		Elective – I	64479
		1. Functional Foods & Nutraceuticals	
	6) Civil Engineering	2. Beverages Technology	64480
		3. Refrigeration Engineering	64481
		1. Human Resource Management in Construction	66747
	2. Energy Efficient and Cost Effective Building Technology	66748	
	3. Transportation Infrastructure Planning and Demand Estimation	67315	
	<b>Thursday 22-11-2018</b>	1) Electronics & communication Technology	Mobile and Cellular Communication
2) Computer Science and Technology		Network Engineering	64354
3) Chemical Technology		Special Chemical Technologies-I	64381
4) Mechanical Engineering		Manufacturing Engineering-III	64565
5) Food Technology		Food Biotechnology	64478
6) Civil Engineering		Water Resources Engineering-II	66746

### **Four Hour Duration Papers :**

1. Engineering Graphics	67908	Time-10.00 am to 02.00 pm
2. Building Technology	69831	Time-10.00 am to 02.00 pm
3. Design of Steel Structures	64504 / 71688	Time-10.00 am to 02.00 pm
4. Design of RCC Structures –I	66743	Time-01.30 pm to 05.30 pm
5. Estimating & Costing	66744	Time-01.30 pm to 05.30 pm

**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:11-10-2018**

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