



SHIVAJI UNIVERSITY, KOLHAPUR- 416004,
MAHARASHTRA

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शिवाजी विद्यापीठ, कोल्हापूर-४१६००४ महाराष्ट्र

दूरध्वनी :संचालक, परीक्षा व मुल्यमापन मंडळ: 0231-2693176

अभियांत्रिकी व तंत्रज्ञान परीक्षा विभाग : 0231-2609122

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SU/EXAM/ Engg.& Tech. Exam/ 803 801

Date:

6 NOV 2023

To,
The Director,
Department of Technology,
Shivaji University,
Kolhapur

Sub: Draft Programme of the B. Tech. (Cr.) Sem. I, III, V, VII Examination
Oct./Nov. 2023 held in Dec. 2023.

Sir,


Please find enclosed herewith the Theory Draft Programme of the B. Tech. (Cr.)
Sem. I, III, V, VII Examination of Oct./Nov.2023 held in Dec. 2023.

Kindly display it immediately on the notice board of your Department for the
information of students and teachers concerned.

The Programme is hosted on the University website i.e.www.unishivaji.ac.in

Thanking you,

Yours faithfully,


Deputy Registrar
(On Exam)

Encl : as above.

Copy for information and further necessary action.

1. Hon`ble, Director Board of Examination & Evaluation
2. Dy. Registrar, On-Exam
3. Dy. Registrar, Post-Exam
4. Dy. Registrar, Pre-Exam
5. Appointment Section
6. Strong Room
7. Godown Section
8. Lapses Section
9. Cap Section

Shivaji University, Kolhapur

**Circular No. 612 & Winter Session Exam of Oct./Nov. 2023 held in Dec. 2023
Draft Programme of the B.Tech. (Cr.) Semester I / III / V & VII.**

INSTRUCTION : Common instruction as per Circular No.Su/On Exam/29/dated 01st February 2020, and Circular No.SU/Appointment Section/ RVC/910/Dated 02ndDec. 2022 available on University website www.unishivaji.ac.in

Examination Place:-Department of Technology, Shivaji University, Kolhapur

**First Year B. Tech. (Course Code 159) Semester - I
(Credit System New Syllabus w.e.f. 2020-21)
(Time :- 10.30 a.m. to 01.30 p.m.)**

Day & Date	Branches	Paper
05.12.2023 Tuesday	1. Electronics & Tele-Comm. Engg.	Engineering Physics (79017) (Group "A")
	2. Computer Science & Technology	
	3. Food Technology	Engineering Chemistry 79027 (Group "B")
	4. Chemical Engineering	
	5. Civil Engineering	
	6. Mechanical Engineering	
07.12.2023 Thursday	1. Electronics & Tele-Comm. Engg.	Engineering Mathematics - I 79016 Compulsory for Group ("A" & "B")
	2. Computer Science & Technology	
	3. Food Technology	
	4. Chemical Engineering	
	5. Civil Engineering	
	6. Mechanical Engineering	
09.12.2023 Saturday	1. Electronics & Tele-Comm. Engg.	Engineering Mechanics 79019 (Group "A")
	2. Computer Science & Technology	Basic Civil Engineering 79029 (Group "B")
	3. Food Technology	
	4. Chemical Engineering	
	5. Civil Engineering	
	6. Mechanical Engineering	
12.12.2023 Tuesday	1. Electronics & Tele-Comm. Engg.	Basic of Mechanical Engg. (79018) (Group "A")
	2. Computer Science & Technology	Engineering Graphics 79028 (Group "B") (Time :- 10.30 am to 02.30 pm)
	3. Food Technology	
	4. Chemical Engineering	
	5. Civil Engineering	
	6. Mechanical Engineering	
14.12.2023 Thursday	1. Electronics & Tele-Comm. Engg.	Basic Electronics Engg. (79020) (Group "A")
	2. Computer Science & Technology	Basic Electrical Engineering 79030 (Group "B")
	3. Food Technology	
	4. Chemical Engineering	
	5. Civil Engineering	
	6. Mechanical Engineering	

Second Year B. Tech.(Course Code 159) Semester - III
(Credit System New Syllabus w.e.f. 2021-22)
(Time :- 02.30 p.m. to 05.30 p.m.)

Day & Date	Branches	Paper	Code
06.12.2023 Wednesday	1. Electronics & Tele-Comm. Engg.	Engineering Mathematics - III	83700
	2. Computer Science & Technology	Applied Mathematics - I	83537
	3. Food Technology	Engineering Mathematics - III	83547
	4. Chemical Engineering	Engineering Mathematics - III	83559
	5. Civil Engineering	Engineering Mathematics - III	83572
	6. Mechanical Engineering	Programmable Computational Methods	83689
08.12.2023 Friday	1. Electronics & Tele-Comm. Engg.	Programming Techniques	83704
	2. Computer Science & Technology	Discrete Mathematical Structures	83538
	3. Food Technology	Food Microbiology	83548
	4. Chemical Engineering	Chemistry - I	83557
	5. Civil Engineering	Surveying	83573
	6. Mechanical Engineering	Electrical Technology and Computer Programming C++	83690
11.12.2023 Monday	1. Electronics & Tele-Comm. Engg.	Electronics Circuit Design - I	83701
	2. Computer Science & Technology	Digital Systems and Microprocessor	83539
	3. Food Technology	Principles of Food Preservation	83546
	4. Chemical Engineering	Chemical Process Calculation	83561
	5. Civil Engineering	Strength of Materials	83574
	6. Mechanical Engineering	Engineering Thermodynamics	83691
13.12.2023 Wednesday	1. Electronics & Tele-Comm. Engg.	Digital Electronics	83703
	2. Computer Science & Technology	Data Communication and Networking	83541
	3. Food Technology	Heat Transfer	83550
	4. Chemical Engineering	Fluid Flow Operations	83560
	5. Civil Engineering	Fluid Mechanics - I	83576
	6. Mechanical Engineering	Fluid Mechanics	83693
15.12.2023 Friday	1. Electronics & Tele-Comm. Engg.	Network Analysis	83702
	2. Computer Science & Technology	Data Structures	83540
	3. Food Technology	Food Chemistry	83549
	4. Chemical Engineering	Chemical Engineering Thermodynamics - I	83558
	5. Civil Engineering	Building Construction	83575
		(Time :- 02.30 pm to 06.30 pm)	
	6. Mechanical Engineering	Machine Tools and Processes	83692

Third Year B. Tech.(Course Code 159) Semester - V
(Credit System New Syllabus w.e.f. 2018-19)
(Time :- 10.30 a.m. to 01.30 p.m.)

Day & Date	Branches	Paper	Code
05.12.2023 Tuesday	1. Electronics & Tele- Comm. Engg.	Power Electronics	85915
	2. Computer Science & Technology	Design and Analysis of Algorithm	85895
	3. Mechanical Engineering	Machine Design - I	85861
	4. Food Technology	Process Instrumentation, Dynamics & Control	85908
	5. Chemical Engineering	Thermal Engineering and Plant Utilities	85873
	6. Civil Engineering	Design of Steel Structures	85884
07.12.2023 Thursday	1. Electronics & Tele- Comm. Engg.	Electromagnetic Fields	85916
	2. Computer Science & Technology	System Programming	85894
	3. Mechanical Engineering	Theory of Machine - II (Time :- 10.30 am to 02.30 pm)	85862
	4. Food Technology	Food Process Engineering - II	85907
	5. Chemical Engineering	Chemical Reaction Engineering - I	85874
	6. Civil Engineering	Transportation Engineering - I	85885
09.12.2023 Saturday	1. Electronics & Tele- Comm. Engg.	Microcontrollers	85917
	2. Computer Science & Technology	Operating Systems	85896
	3. Mechanical Engineering	Energy Engineering	85863
	4. Food Technology	Fruits & Vegetables Processing Technology	85905
	5. Chemical Engineering	Inorganic Chemical Technologies	85875
	6. Civil Engineering	Geotechnical Engineering - I	85886
12.12.2023 Tuesday	1. Electronics & Tele- Comm. Engg.	Signals & Systems	85918
	2. Computer Science & Technology	Machine Learning	85897
	3. Mechanical Engineering	Tool Engineering (Time :- 10.30 am to 02.30 pm)	85864
	4. Food Technology	Food Quality and Safety Management	85904
	5. Chemical Engineering	Safety in Chemical Industry	85876
	6. Civil Engineering	Environmental Engineering - I	85887
14.12.2023 Thursday	1. Electronics & Tele- Comm. Engg.	Computer Networks	85919
	2. Computer Science & Technology	Database Engineering	85898
	3. Mechanical Engineering	Heat and Mass Transfer	85865
	4. Food Technology	Dairy Technology	85906
	5. Chemical Engineering	Mass Transfer Operations - I	85877
	6. Civil Engineering	Construction Management	85888

Final Year B. Tech.(Course Code 159) Semester - VII
(Credit System New Syllabus w.e.f. 2023-24)
(Time :- 02.30 p.m. to 05.30 p.m.)

Day & Date	Branches	Paper	Code
06.12.2023 Wednesday	1. Electronics & Tele- Comm. Engg.	Digital Image Processing	91897
	2. Computer Science & Technology	High Performance Computing	91932
	3. Chemical Engineering	Biochemical Engineering	91942
	4. Mechanical Engineering	Refrigeration and Air-Conditioning	91909
	5. Food Technology	Meat, Poultry & Fish Processing Technology	91920
	6. Civil Engineering	Design of Concrete Structures - I	91885
08.12.2023 Friday	1. Electronics & Tele- Comm. Engg.	ARM & Embedded Systems	91898
	2. Computer Science & Technology	Advanced Database Management System	91933
	3. Chemical Engineering	Process Equipment Design	91944
	4. Mechanical Engineering	Mechanical System Design	91910
	5. Food Technology	Legume & Oilseed Technology	91921
	6. Civil Engineering	Estimating & Costing	91887
11.12.2023 Monday	1. Electronics & Tele- Comm. Engg.	Microwave Engineering	91899
	2. Computer Science & Technology	Distributed and Cloud Computing	91934
	3. Chemical Engineering	Industrial Economics and Management	91945
	4. Mechanical Engineering	Hydraulics and Pneumatics	91911
	5. Food Technology	Food Packaging	91923
	6. Civil Engineering	Structural Dynamics and Earthquake Engineering	91886
13.12.2023 Wednesday	1. Electronics & Tele- Comm. Engg.	EL - 1 RF Circuit Design	92412
		EL - 1 Wireless Networks	92410
		EL - 1 PLC and Automation	92411
	2. Computer Science & Technology	Advanced Network Engineering	91935
	3. Chemical Engineering	Process Modeling and Simulation	91946
	4. Mechanical Engineering	Industrial Engineering	91912
	5. Food Technology	Food Biotechnology	91922
6. Civil Engineering	Water Resources Engineering - II	91888	
15.12.2023 Friday	1. Electronics & Tele- Comm. Engg.	OE - 1 Remote Sensing & GIS	92415
		OE - 1 Micro Electro Mechanical Systems	92414
		OE - 1 Software Defined Radio	92416
		OE - 1 Internet of Things	92413
	2. Computer Science & Technology	EL -1 Project Management	92429
		EL - 1 Data Science	92427
		EL - 1 Internet of Things	92428

15.12.2023 Friday	3. Chemical Engineering	EL - 1. Petroleum Refinery Engineering	92430
		EL - 1 Advanced Separation Techniques	92431
		EL - 1 Polymer Chemistry	92432
		EL - 1 Introduction to Food Process Engineering	92433
		EL - 1 Green Chemistry and Catalysis	92434
		EL - 1 Environmental Science and Microbiology	92435
		EL - 1 Drugs and Pharmaceutical Technology	92436
		EL - 1 Advanced Spectroscopy	92437
		EL - 1 Molecular Quantum Mechanics	92438
		EL - 1 Statistical Methods in Engineering	92439
	4. Mechanical Engineering	EL-1 Finite Element Analysis	92405
		EL - 1 Cryogenics	92406
		EL - 1 Operation Research	92407
		EL - 1 Enterprise Resources Planning	92408
		EL 1 - Industrial Health and Safety Management	92409
	5. Food Technology	EL - 1. Functional Foods & Nutraceuticals	92401
		Beverages Technology	92402
	6. Civil Engineering	EL - 1 Advanced Analysis of Structure	92417
		EL - 1 Green Building Design	92418
		EL - 1. Human Resource Management in Construction	92419
		EL - 1 Transportation in Infrastructure Planning and Demand Estimation	92420
		EL - 1 Watershed Management	92421

Final Year B. Tech.(Course Code 149) Semester - VII
(Credit System New Syllabus w.e.f. 2019-20)
(Time :- 02.30 p.m. to 05.30 p.m.)

Day & Date	Branches	Paper	Code
06.12.2023 Wednesday	1. Electronics & Comm. Technology	Audio & Video Engineering	74121
	2. Computer Science & Technology	Advanced Computer Architecture	74089
	3. Chemical Technology	Biochemical Engineering	74101
	4. Mechanical Engineering	Refrigeration and Air-Conditioning	74154
	5. Food Technology	Meat, Poultry & Fish Processing Technology	74140
	6. Civil Engineering	Design of RCC Structures - I (Time :- 02.30 pm to 06.30 pm)	74170
08.12.2023 Friday	1. Electronics & Comm. Technology	Industrial & Power Electronics	74122
	2. Computer Science & Technology	Advanced Database Management System	74090
	3. Chemical Technology	Process Equipment Design	74112
	4. Mechanical Engineering	Machine Design - III	74155
	5. Food Technology	Legume & Oilseed Technology	74141
	6. Civil Engineering	Estimating & Costing	74172
11.12.2023 Monday	1. Electronics & Comm. Technology	ARM & Embedded Systems	74123
	2. Computer Science & Technology	Distributed Systems	74091
	3. Chemical Technology	Industrial Economics and Management	74113
	4. Mechanical Engineering	Hydraulics and Pneumatics	74156
	5. Food Technology	Food Quality & Safety Management	74142
	6. Civil Engineering	Structural Dynamics and Earthquake Engineering	74171
13.12.2023 Wednesday	1. Electronics & Comm. Technology	Microwave Engineering	74124
	2. Computer Science & Technology	Network Engineering	74092
	3. Chemical Technology	Process Modeling and Simulation	74114
	4. Mechanical Engineering	Manufacturing Engineering - III	74157
	5. Food Technology	Food Biotechnology	74143
	6. Civil Engineering	Water Resources Engineering - II	74173
15.12.2023 Friday	1. Electronics & Comm. Technology	EL - 1 Automotive Electronics	74125
		EL - 1 Speech and Audio Processing	74126
		EL - 1 Micro Electro Mechanical Systems	74127
		EL - 1 Wireless Sensor Networks	74128
		EL - 1 PLC and Automation	74129
		EL - 1 Mechatronics	74130
		EL - 1 Robotics	74131
	EL - 1 Internet of Things	74132	
	2. Computer Science & Technology	EL - 1 Project Management	74093
		EL - 1 Cyber Law	74094
EL - 1 Internet of Things		74095	

15.12.2023 Friday	3. Chemical Technology	EL - 1. Petroleum Refinery Engineering	74102
		EL - 1 Advanced Separation Techniques	74103
		EL - 1 Polymer Chemistry	74104
		EL - 1 Introduction to Food Process Engineering	74105
		EL - 1 Green Chemistry and Catalysis	74106
		EL - 1 Environmental Science and Microbiology	74107
		EL - 1 Drugs and Pharmaceutical Technology	74108
		EL - 1 Advanced Spectroscopy	74109
		EL - 1 Molecular Quantum Mechanics	74110
		EL - 1 Statistical Methods in Engineering	74111
	4. Mechanical Engineering	EL-1. FEA - Finite Element Analysis	74158
		Cryogenics	74159
		Operation Research	74160
		Tribology	74161
		Production Management	74162
		Open Elective	74163
	5. Food Technology	EL - 1. Functional Foods & Nutraceuticals	74144
		Beverages Technology	74145
	6. Civil Engineering	EL - 1 Advanced Analysis of Structure	74174
		Energy Efficient and Cost-Efficient Building Technology	74175
		EL - 1. Human Resource Management in Construction	74176
		Transportation Infrastructure Planning and Demand Estimation	74177
		Watershed Management	74178

Engg. & Tech. Section

Date :

6 NOV 2023



Director,

Board of Examinations and Evaluation