

SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)



EXAMINATION CIRCULAR NO. 10 OF. 2024

THIRD YEAR ENGINEERING (2019 PATTERN)

INSEM EXAMINATION TIMETABLE OF MARCH - 2024

(Under Faculty of SCIENCE AND TECHNOLOGY: B)ENGINEERING)

INSTRUCTIONS FOR CANDIDATES

- Candidates are required to be present at the examination centre, THIRTY MINUTES before the stipulated time.
- Candidates are forbidden from taking any material into the examination hall that can be treated as a malpractice.
- Candidates are requested to see the Notice Board at their center of examination regularly for changes if any that may be notified later in the program.
- No request shall be granted for change in time or date for the University Examination on any ground.
- Candidates are requested to note the Day, Date and Time of Paper.
- Candidates are permitted to use stencils at the time of examination.
- The exchanges of side-rules, drawing instruments of other materials used in the examination hall is not permitted at the time of examination. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
- Use of non-programmable battery operated electronic pocket size Calculator is allowed. The exchange of Calculators is not allowed. Electronics Devices including mobile are not allowed at the time of examination.
- The written examination will be conducted in the following order.

CIVIL

SEM-II

Day & Date	2019 Course Time : 11:00 AM To 12:00 NOON
Wednesday 20/03/2024	Waste Water Engineering (301012)
Thursday 21/03/2024	Design of RC Structures (301013) # (Time : 11:00 AM To 12:15 PM)
Friday 22/03/2024	Remote Sensing and GIS (301014)
Tuesday 26/03/2024	ELECTIVE-II Advanced Engineering Geology with Rock Mechanics (301015 a)
	ELECTIVE-II Soft Computing Techniques (301015 b)
	ELECTIVE-II Advanced Surveying. (301015 c)
	ELECTIVE-II Advanced Geotechnical Engineering (301015 d)
	ELECTIVE-II Architecture and Town Planning (301015 e)
	ELECTIVE-II Solid Waste Management (301015 f)

Note : - # Please Note the time

CHEMICAL

SEM-II

Day & Date	2019 Course Time : 11:00 AM To 12:00 NOON
Wednesday 20/03/2024	Chemical Reaction Engineering I (309348)
Thursday 21/03/2024	Mass Transfer II (309349)
Friday 22/03/2024	Transport Phenomena (309350)
Tuesday 26/03/2024	ELECTIVE-II Energy Conservation in Chemical Process Industries (309351 A)
	ELECTIVE-II Process Instrumentation and Control (309351 B)
	ELECTIVE-II Corrosion Engineering (309351 C)
	ELECTIVE-II Artificial intelligence and Data Science (309351 D)

COMPUTER

SEM-II

Day & Date	2019 Course Time : 11:00 AM To 12:00 NOON
Wednesday 20/03/2024	Data Science and Big Data Analytics (310251)
Thursday 21/03/2024	Web Technology (310252)
Friday 22/03/2024	Artificial Intelligence (310253)
Tuesday 26/03/2024	ELECTIVE-II Information Security (310254 A)
	ELECTIVE-II Augmented and Virtual Reality (310254 B)
	ELECTIVE-II Cloud Computing (310254 C) *
	ELECTIVE-II Software Modeling and Architectures (310254 D)*

Note :- * Common with A.I.D.S.

Artificial Intelligence and Data Science

SEM-II

Day & Date	2019 Course Time : 11:00 AM To 12:00 NOON
Wednesday 20/03/2024	Data Science (317529)
Thursday 21/03/2024	Cyber security (317530)
Friday 22/03/2024	Artificial Neural Network (317531)
Tuesday 26/03/2024	ELECTIVE-II Robotics and Automation (317532 A)
	ELECTIVE-II Natural Language Processing (317532B)
	ELECTIVE-II Cloud Computing (310254 C) *
	ELECTIVE-II Software Modeling and Architecture (310254 D)*

Note :- * *Common with Computer Engineering*

ELECTRICAL

SEM-II

Day & Date	2019 Course Time : 11:00 AM To 12:00 NOON
Wednesday 20/03/2024	Power System-II (303148)
Thursday 21/03/2024	Computer Aided Design of Electrical Machines (303149)
Friday 22/03/2024	Control System Engineering (303150)
Tuesday 26/03/2024	ELECTIVE-II IoT and its Applications in Electrical Engineering (303151 A)
	ELECTIVE-II Electrical Mobility (303151 B)
	ELECTIVE-II Cybernetic Engineering (303151 C)
	ELECTIVE-II Energy Management (303151 D)

ELECTRONICS

SEM-II

Day & Date	2019 Course Time : 11:00 AM To 12:00 NOON
Wednesday 20/03/2024	Fundamentals of HDL (304212)
Thursday 21/03/2024	Embedded Processors and Applications (304213)
Friday 22/03/2024	Industrial Management (304214)
Tuesday 26/03/2024	ELECTIVE-II PLC & Automation (304215)
	ELECTIVE-II Advanced JAVA Programming (304195) *
	ELECTIVE-II Digital Signal Processing (304215)
	ELECTIVE-II Fiber Optic Communication (304215)
	ELECTIVE-II e Mobility (304215)

Note : *Common with E&TC

ELECTRONICS & TELECOMMUNICATION

SEM-II

Day & Date	2019 Course Time : 11:00 AM To 12:00 NOON
Wednesday 20/03/2024	Cellular Networks (304192)
Thursday 21/03/2024	Project Management (304193)
Friday 22/03/2024	Power Devices & Circuits (304194)
Tuesday 26/03/2024	ELECTIVE-II Digital Image Processing (304195)
	ELECTIVE-II Sensors in Automation (304195)
	ELECTIVE-II Advanced JAVA Programming (304195) *
	ELECTIVE-II Embedded Processors (304195)
	ELECTIVE-II Network Security (304195)
Note :- * Common with Electronics	

Electronics and Computer Engineering

SEM-II

Day & Date	2019 Course Time : 11:00 AM To 12:00 NOON
Wednesday 20/03/2024	Software Engineering and Project Management (310352)
Thursday 21/03/2024	Computer Networks and Security (310353)
Friday 22/03/2024	Embedded Processors & Applications (310354)
Tuesday 26/03/2024	ELECTIVE-II Software Modeling and Design (310355 A)
	ELECTIVE-II Advanced Database Management Systems (310355 B)
	ELECTIVE-II Power Electronics (310355 C)
	ELECTIVE-II PLC and Automation (310355 D)

INFORMATION TECHNOLOGY

SEM-II

Day & Date	2019 Course Time : 11:00 AM To 12:00 NOON
Wednesday 20/03/2024	Computer Networks & Security (314451)
Thursday 21/03/2024	Data Science and Big Data Analytics (314452)
Friday 22/03/2024	Web Application Development (314453)
Tuesday 26/03/2024	ELECTIVE-II Artificial Intelligence (314454 A)
	ELECTIVE-II Cyber Security (314454 B)
	ELECTIVE-II Cloud Computing (314454 C)
	ELECTIVE-II Software Modeling and Design (314454 D)

INSTRUMENTATION & CONTROL

SEM-II

Day & Date	2019 Course Time : 11:00 AM To 12:00 NOON
Wednesday 20/03/2024	Internet of Things (306268)
Thursday 21/03/2024	Industrial Automation-II (306269)
Friday 22/03/2024	Digital Signal Processing (306270)
Tuesday 26/03/2024	ELECTIVE-II Building Automation (306271 A)
	ELECTIVE-II Machine Learning (306271 B)
	ELECTIVE-II Electrical Drives (306271 C)
	ELECTIVE-II Analytical Instrumentation (306271 D)

AUTOMOBILE

SEM-II

Day & Date	2019 Course Time : 11:00 AM To 12:00 NOON
Wednesday 20/03/2024	Automotive Refrigeration and Air Conditioning (316485)
Thursday 21/03/2024	Automotive Chassis and Transmission (316486)
Friday 22/03/2024	Design of Engine Components (316487)
Tuesday 26/03/2024	ELECTIVE-II Automotive Aerodynamics and Body Engineering (316488-A)
	ELECTIVE-II Automotive Materials (316488-B)

MECHANICAL

SEM-II

Day & Date	2019 Course Time : 11:00 AM To 12:00 NOON
Wednesday 20/03/2024	Artificial Intelligence & Machine Learning (302049)
Thursday 21/03/2024	Computer Aided Engineering (302050)
Friday 22/03/2024	Design of Transmission Systems (302051)
Tuesday 26/03/2024	ELECTIVE-II Composite Materials (302052-A)
	ELECTIVE-II Surface Engineering (302052-B)

MECHANICAL-SANDWICH

SEM-II

Day & Date	2019 Course Time : 11:00 AM To 12:00 NOON
Wednesday 20/03/2024	Process Planning & Tool Selection (Self-Study-I) (302066)
Thursday 21/03/2024	Advanced Materials & Manufacturing (Self-Study-II) (302067)

Automation and Robotics

SEM-II

Day & Date	2019 Course Time : 11:00 AM To 12:00 NOON
Wednesday 20/03/2024	Sensors and Vision Systems in Robots (302527)
Thursday 21/03/2024	Artificial Intelligence in Robots (302528)
Friday 22/03/2024	Modelling and Simulation (302529)
Tuesday 26/03/2024	ELECTIVE-II Machining Science and Technology (302530-A)
	ELECTIVE-II Maintenance and Safety Engineering (302530-B)

B. Tech. Biotechnology

SEM-II

Day & Date	2019 Course Time : 11:00 AM To 12:00 NOON
Wednesday 20/03/2024	Fermentation Technology (315471)
Thursday 21/03/2024	Mass Transfer (315472)
Friday 22/03/2024	Bioseparation Engineering (315473)
Tuesday 26/03/2024	ELECTIVE-II Instrumentation and Process Control (315474 A)
	ELECTIVE-II Food Biotechnology (315474 B)
	ELECTIVE-II Data base management systems (315474 C)

Printing

SEM-II

Day & Date	2019 Course Time : 11:00 AM To 12:00 NOON
Wednesday 20/03/2024	Flexo Printing Techniques (308289)
Thursday 21/03/2024	Color Management (308290)
Friday 22/03/2024	Design of Experiments (308291)
Tuesday 26/03/2024	ELECTIVE-II Maintenance Management of Printing Machines (308293 A)
	ELECTIVE-II Basic Communication Systems and Electronic Instrumentation (308293 B)
	ELECTIVE-II E-Publishing (308293 C)

Production

SEM-II

Day & Date	2019 Course Time : 11:00 AM To 12:00 NOON
Wednesday 20/03/2024	Production Tooling (311088 A)
Thursday 21/03/2024	Production and Operations Management (311089 A)
Friday 22/03/2024	Process Engineering and Resource Planning (311090 A)
Tuesday 26/03/2024	ELECTIVE-II Product Design and Development (311091 A)-I
	ELECTIVE-II Nano Manufacturing (311091 A)-II
	ELECTIVE-II Statistics and Numerical Methods (311091 A)-III
	ELECTIVE-II Financial Management and Costing (311091 A)-IV

Production Sandwich

SEM-II

Day & Date	2019 Course Time : 11:00 AM To 12:00 NOON
Wednesday 20/03/2024	Kinematics and Design of Machines (311084 A)
Thursday 21/03/2024	Material forming and Mould Design (311124 A)
Friday 22/03/2024	Metrology & Quality Control (311125 A)
Tuesday 26/03/2024	Statistics and Numerical Optimization methods (311088 A)
Wednesday 27/03/2024	ELECTIVE-II Advanced Materials (311126 A)-I
	ELECTIVE-II Costing and Cost Control (311126 A)-II
	ELECTIVE-II Advanced Joining Technology (311126 A)-III
	ELECTIVE-II World Class Manufacturing (311126 A)-IV

Mechatronics Engineering

SEM-II

Day & Date	2019 Course Time : 11:00 AM To 12:00 NOON
Wednesday 20/03/2024	Industrial Automation (317547)
Thursday 21/03/2024	Electro-Mechanical System (317548)
Friday 22/03/2024	Finite Element Analysis (317549)
Tuesday 26/03/2024	Embedded System Design (317550)
Wednesday 27/03/2024	Artificial Intelligence & Machine Learning (317551)

Robotics and Automation Engineering

SEM-II

Day & Date	2019 Course Time : 11:00 AM To 12:00 NOON
Wednesday 20/03/2024	Robot Programming (311508 A)
Thursday 21/03/2024	Artificial Intelligence for Robotics (311509 A)
Friday 22/03/2024	Flexible Manufacturing Systems (311510 A)
Tuesday 26/03/2024	ELECTIVE-II Micro-electro-mechanical Systems (311511A)-I
	ELECTIVE-II Humanoid Robots (311511 A)-II
	ELECTIVE-II Modeling and Simulation (311511 A)-III
	ELECTIVE-II Swarm Intelligence in Robotics (311511 A)-IV

Artificial Intelligence and Machine Learning

SEM-II

Day & Date	2019 Course Time : 11:00 AM To 12:00 NOON
Wednesday 20/03/2024	Machine intelligence for Data Science (318552)
Thursday 21/03/2024	Data Mining & Warehousing (318553)
Friday 22/03/2024	Artificial Neural Network (318554)
Tuesday 26/03/2024	ELECTIVE-II Industrial Internet of Things (318555 A)
	ELECTIVE-II Brain computer interface (318555 B)
	ELECTIVE-II AI for cyber security (318555 C)
	ELECTIVE-II Video Analytics (318555 D)

Computer Science and Design

SEM-II

Day & Date	2021 Course Time : 11:00 AM To 12:00 NOON
Wednesday 20/03/2024	Artificial Intelligence (318251)
Thursday 21/03/2024	Web Technology & Application Design (318252)
Friday 22/03/2024	UI/UX Design (318253)
Tuesday 26/03/2024	ELECTIVE-II Multimedia Techniques (318254 A)
	ELECTIVE-II Augmented and Virtual Reality (318254 B)
	ELECTIVE-II Cloud Computing (318254 C)
	ELECTIVE-II Business Intelligence and Data Analytics (318254 D)

HONORS / MINORS

SEM-II

Day & Date	Honors / Minors	Time : 11:00 AM To 12:00 NOON
Thursday 28/03/2024	Artificial Intelligence And Machine	Artificial Intelligence (310303)
	Cyber Security	Enterprise Architecture and Components (310403)
	Data Science	Statistics and Machine Learning (310503)
	Internet of Things	Internet of Things Architectures, Protocols and Systems Programming (310603)
	Virtual Reality And Augmented Reality	Augmented Reality (310703)
	Systems Engineering	Model Based Systems Engineering (302043MJ)
	Energy Management in Utility Systems	Energy Efficiency of Thermal Utilities (302023MJ)
	Electric Vehicles	e-Vehicle System Design (302033MJ)
	3D Printing	Design for Additive Manufacturing (302013MJ)
	Robotics	Robot Programming & Simulation (304183 HR)
	Block Chain Technology	Decentralize & Blockchain Technologies (304183 HBCT)
	Metro Construction	Planning and Quantity estimation for metro construction (301303)
	Architecture and Town Planning	Sustainable Architecture and Landscape Design (301403)
Advanced Packaging Technology	Smart Packaging (308213)	

Ganeshkhind, Pune - 411 007

Ref.No/ XCT/ 91

Date: 06 / 03 / 2024

Director

Board of Examinations and Evaluation