

SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)



EXAMINATION CIRCULAR NO. 119 OF. 2023

THIRD YEAR ENGINEERING (2019 PATTERN)

INSEM-EXAMINATION TIME TABLE MARCH/APRIL-2023

(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.

AUTOMOBILE

SEM-II

Day & Date	2019 Course Time : 12:30 PM To 01:30 PM
Monday 03-04-2023	Automotive Refrigeration and Air Conditioning (316485)
Wednesday 05-04-2023	Automotive Chassis and Transmission (316486)
Thursday 06-04-2023	Design of Engine Components (316487)
Saturday 08-04-2023	ELECTIVE-II Automotive Aerodynamics and Body Engineering (316488-A)
	ELECTIVE-II Automotive Materials (316488-B)

CHEMICAL

SEM-II

Day & Date	2019 Course Time : 12:30 PM To 01:30 PM
Monday 03-04-2023	Chemical Reaction Engineering I (309348)
Wednesday 05-04-2023	Mass Transfer II (309349)
Thursday 06-04-2023	Transport Phenomena (309350)
Saturday 08-04-2023	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)

CIVIL

SEM-II

Day & Date	2019 Course Time : 12:30 PM To 01:30 PM
Monday 03-04-2023	Waste Water Engineering (301012)
Wednesday 05-04-2023	Design of RC Structures (301013)
Thursday 06-04-2023	Remote Sensing and GIS (301014)
Saturday 08-04-2023	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)

COMPUTER

SEM-II

Day & Date	2019 Course Time : 12:30 PM To 01:30 PM
Monday 03-04-2023	Data Science and Big Data Analytics (310251)
Wednesday 05-04-2023	Web Technology (310252)
Thursday 06-04-2023	Artificial Intelligence (310253)
Saturday 08-04-2023	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)

ELECTRICAL

SEM-II

Day & Date	2019 Course Time : 12:30 PM To 01:30 PM
Monday 03-04-2023	Power System-II (303148)
Wednesday 05-04-2023	Computer Aided Design of Electrical Machines (303149)
Thursday 06-04-2023	Control System Engineering (303150)
Saturday 08-04-2023	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 : 12:30 PM To 01:30 PM
Monday 03-04-2023	Fundamentals of HDL (304212)
Wednesday 05-04-2023	Embedded Processors and Applications (304213)
Thursday 06-04-2023	Industrial Management (304214)
Saturday 08-04-2023	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 : 12:30 PM To 01:30 PM
Monday 03-04-2023	Cellular Networks (304192)
Wednesday 05-04-2023	Project Management (304193)
Thursday 06-04-2023	Power Devices & Circuits (304194)
Saturday 08-04-2023	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	

INFORMATION TECHNOLOGY

SEM-II

Day & Date	2019 Course Time : 12:30 PM To 01:30 PM
Monday 03-04-2023	Computer Networks & Security (314451)
Wednesday 05-04-2023	Data Science and Big Data Analytics (314452)
Thursday 06-04-2023	Web Application Development (314464A)
Saturday 08-04-2023	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 : 12:30 PM To 01:30 PM
Monday 03-04-2023	Internet of Things (306268)
Wednesday 05-04-2023	Industrial Automation-II (306269)
Thursday 06-04-2023	Digital Signal Processing (306270)
Saturday 08-04-2023	ELECTIVE-II Building Automation (306271 A)
	ELECTIVE-II Machine Learning (306271 B)
	ELECTIVE-II Electrical Drives (306271 C)
	ELECTIVE-II Analytical Instrumentation (306271 D)

MECHANICAL

SEM-II

Day & Date	2019 Course Time : 12:30 PM To 01:30 PM
Monday 03-04-2023	Artificial Intelligence & Machine Learning (302049)
Wednesday 05-04-2023	Computer Aided Engineering (302050)
Thursday 06-04-2023	Design of Transmission Systems (302051)
Saturday 08-04-2023	ELECTIVE-II Composite Materials (302052-A)
	ELECTIVE-II Surface Engineering (302052-B)

MECHANICAL-SANDWICH

SEM-II

Day & Date	2019 Course Time : 12:30 PM To 01:30 PM
Monday 03-04-2023	Process Planning & Tool Selection (Self-Study-I) (302066)
Wednesday 05-04-2023	Advanced Materials & Manufacturing (Self-Study-II) (302067)

B. Tech. Biotechnology

SEM-II

Day & Date	2019 Course Time : 12:30 PM To 01:30 PM
Monday 03-04-2023	Fermentation Technology (315471)
Wednesday 05-04-2023	Mass Transfer (315472)
Thursday 06-04-2023	Bioseparation Engineering (315473)
Saturday 08-04-2023	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 : 12:30 PM To 01:30 PM
Monday 03-04-2023	Flexo Printing Techniques (308289)
Wednesday 05-04-2023	Color Management (308290)
Thursday 06-04-2023	Design of Experiments (308291)
Saturday 08-04-2023	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 : 12:30 PM To 01:30 PM
Monday 03-04-2023	Production Tooling (311088 (A)
Wednesday 05-04-2023	Production and Operations Management (311089) (A)
Thursday 06-04-2023	Process Engineering and Resource Planning (311090 (A)
Saturday 08-04-2023	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 : 12:30 PM To 01:30 PM
Monday 03-04-2023	Kinematics and Design of Machines (311084) (A)
Wednesday 05-04-2023	Material forming and Mould Design (311124) (A)
Thursday 06-04-2023	Metrology & Quality Control (311125) (A)
Saturday 08-04-2023	Statistics and Numerical Optimization methods (311088) (A)
Monday 10-04-2023	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)

Automation and Robotics

SEM-II

Day & Date	2019 Course Time : 12:30 PM To 01:30 PM
Monday 03-04-2023	Sensors and Vision Systems in Robots (302527)
Wednesday 05-04-2023	Artificial Intelligence in Robots (302528)
Thursday 06-04-2023	Modelling and Simulation (302529)
Saturday 08-04-2023	ELECTIVE-II Machining Science and Technology (302530-A)
	ELECTIVE-II Maintenance and Safety Engineering (302530-B)

Electronics and Computer Engineering

SEM-II

Day & Date	2019 Course Time : 12:30 PM To 01:30 PM
Monday 03-04-2023	Software Engineering and Project Management (310352)
Wednesday 05-04-2023	Computer Networks and Security (310353)
Thursday 06-04-2023	Embedded Processors & Applications (310354)
Saturday 08-04-2023	Software Modeling and Design (Elective - II) (310355 A)
	Advanced Database Management Systems (Elective -II) (310355 B)
	Power Electronics (Elective - II) (310355 C)
	PLC and Automation (Elective - II) (310355 D)

Mechatronics Engineering

SEM-II

Day & Date	2019 Course Time : 12:30 PM To 01:30 PM
Monday 03-04-2023	Industrial Automation (317547)
Wednesday 05-04-2023	Electro-Mechanical System (317548)
Thursday 06-04-2023	Finite Element Analysis (317549)
Saturday 08-04-2023	Embedded System Design (317550)
Monday 10-04-2023	Artificial Intelligence & Machine Learning (317551)

Robotics and Automation Engineering

SEM-II

Day & Date	2019 Course Time : 12:30 PM To 01:30 PM
Monday 03-04-2023	Robot Programming (311508(A))
Wednesday 05-04-2023	Artificial Intelligence for Robotics (311509(A))
Thursday 06-04-2023	Flexible Manufacturing Systems (311510(A))
Saturday 08-04-2023	Micro-electro-mechanical Systems (Elective - II) (311511(A)-I)
	Humanoid Robots (Elective -II) (311511(A)-II)
	Modeling and Simulation (Elective - II) (311511(A)-III)
	Swarm Intelligence in Robotics (Elective - II) (311511(A)-IV)

Artificial Intelligence and Data Science

SEM-II

Day & Date	2019 Course Time : 12:30 PM To 01:30 PM
Monday 03-04-2023	Data Science (317529)
Wednesday 05-04-2023	Cyber security (317530)
Thursday 06-04-2023	Artificial Neural Network (317531)
Saturday 08-04-2023	Robotics and Automation (Elective - II) (317532 (A))
	Natural Language Processing (Elective -II) (317532(B))
	Cloud Computing (Elective - II) (310254 (C))
	Software Modeling and Architecture (Elective - II) (310254 (D))

Artificial Intelligence and Machine Learning

SEM-II

Day & Date	2019 Course Time : 12:30 PM To 01:30 PM
Monday 03-04-2023	Machine intelligence for Data Science (318552)
Wednesday 05-04-2023	Data Mining & Warehousing (318553)
Thursday 06-04-2023	Artificial Neural Network (318554)
Saturday 08-04-2023	Industrial Internet of Things (Elective - II) (318555 (A))
	Brain computer interface (Elective -II) (318555 (B))
	AI for cyber security (Elective - II) (318555 (C))
	Video Analytics (Elective - II) (318555 (D))

HONORS / MINORS

SEM-II

Day & Date	Honors / Minors	Time : 12:30 PM To 01:30 PM
Tuesday 11/04/2023	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/ 275

Date: 17 / 03 / 2023

Director

Board of Examinations and Evaluation