SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)

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
Monday 10/03/2025	Waste Water Engineering (301012)
Tuesday 11/03/2025	Design of RC Structures (301013) # (**Time : 11:00 AM To 12:15 PM**)
Wednesday 12/03/2025	Remote Sensing and GIS (301014)
Thursday 13/03/2025	**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
Monday 10/03/2025	Chemical Reaction Engineering I (309348)
Tuesday 11/03/2025	Mass Transfer II (309349)
Wednesday 12/03/2025	Transport Phenomena (309350)
Thursday 13/03/2025	**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
Monday 10/03/2025	Data Science and Big Data Analytics (310251)
Tuesday 11/03/2025	Web Technology (310252)
Wednesday 12/03/2025	Artificial Intelligence (310253)
Thursday 13/03/2025	**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
Monday 10/03/2025	Data Science (317529)
Tuesday 11/03/2025	Cyber security (317530)
Wednesday 12/03/2025	Artificial Neural Network (317531)
Thursday 13/03/2025	**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
Monday 10/03/2025	Power System-II (303148)
Tuesday 11/03/2025	Computer Aided Design of Electrical Machines (303149)
Wednesday 12/03/2025	Control System Engineering (303150)
Thursday 13/03/2025	**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
Monday 10/03/2025	Fundamentals of HDL (304212)
Tuesday 11/03/2025	Embedded Processors and Applications (304213)
Wednesday 12/03/2025	Industrial Management (304214)
Thursday 13/03/2025	**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
Monday 10/03/2025	Cellular Networks (304192)
Tuesday 11/03/2025	Project Management (304193)
Wednesday 12/03/2025	Power Devices & Circuits (304194)
Thursday 13/03/2025	**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
Monday 10/03/2025	Software Engineering and Project Management (310352)
Tuesday 11/03/2025	Computer Networks and Security (310353)
Wednesday 12/03/2025	Embedded Processors & Applications (310354)
Thursday 13/03/2025	**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
Monday 10/03/2025	Computer Networks & Security (314451)
Tuesday 11/03/2025	Data Science and Big Data Analytics (314452)
Wednesday 12/03/2025	Web Application Development (314453)
Thursday 13/03/2025	**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
Monday 10/03/2025	Internet of Things (306268)
Tuesday 11/03/2025	Industrial Automation-II (306269)
Wednesday 12/03/2025	Digital Signal Processing (306270)
Thursday 13/03/2025	**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
Monday 10/03/2025	Automotive Refrigeration and Air Conditioning (316485)
Tuesday 11/03/2025	Automotive Chassis and Transmission (316486)
Wednesday 12/03/2025	Design of Engine Components (316487)
Thursday 13/03/2025	**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
Monday 10/03/2025	Artificial Intelligence & Machine Learning (302049)
Tuesday 11/03/2025	Computer Aided Engineering (302050)
Wednesday 12/03/2025	Design of Transmission Systems (302051)
Thursday 13/03/2025	**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
Monday 10/03/2025	Process Planning & Tool Selection (Self-Study-I) (302066)
Tuesday 11/03/2025	Advanced Materials & Manufacturing (Self-Study-II) (302067)

Automation and Robotics

SEM-II

Day & Date	2019 Course Time : 11:00 AM To 12:00 NOON
Monday 10/03/2025	Sensors and Vision Systems in Robots (302527)
Tuesday 11/03/2025	Artificial Intelligence in Robots (302528)
Wednesday 12/03/2025	Modelling and Simulation (302529)
Thursday 13/03/2025	**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
Monday 10/03/2025	Fermentation Technology (315471)
Tuesday 11/03/2025	Mass Transfer (315472)
Wednesday 12/03/2025	Bioseparation Engineering (315473)
Thursday 13/03/2025	**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
Monday 10/03/2025	Flexo Printing Techniques (308289)
Tuesday 11/03/2025	Color Management (308290)
Wednesday 12/03/2025	Design of Experiments (308291)
Thursday 13/03/2025	**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

Day & Date	2019 Course Time : 11:00 AM To 12:00 NOON
Monday 10/03/2025	Production Tooling (311088 A)
Tuesday 11/03/2025	Production and Operations Management (311089 A)
Wednesday 12/03/2025	Process Engineering and Resource Planning (311090 A)
Thursday 13/03/2025	**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
Monday 10/03/2025	Kinematics and Design of Machines (311084 A)
Tuesday 11/03/2025	Material forming and Mould Design (311124 A)
Wednesday 12/03/2025	Metrology & Quality Control (311125 A)
Thursday 13/03/2025	Statistics and Numerical Optimization methods (311088 A)
Saturday 15/03/2025	**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
Monday 10/03/2025	Industrial Automation (317547)
Tuesday 11/03/2025	Electro-Mechanical System (317548)
Wednesday 12/03/2025	Finite Element Analysis (317549)
Thursday 13/03/2025	Embedded System Design (317550)
Saturday 15/03/2025	Artificial Intelligence & Machine Learning (317551)

Robotics and Automation Engineering

SEM-II

Day & Date	2019 Course Time : 11:00 AM To 12:00 NOON
Monday 10/03/2025	Robot Programming (311508 A)
Tuesday 11/03/2025	Artificial Intelligence for Robotics (311509 A)
Wednesday 12/03/2025	Flexible Manufacturing Systems (311510 A)
Thursday 13/03/2025	**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
Monday 10/03/2025	Machine intelligence for Data Science (318552)
Tuesday 11/03/2025	Data Mining & Warehousing (318553)
Wednesday 12/03/2025	Artificial Neural Network (318554)
Thursday 13/03/2025	**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
Monday 10/03/2025	Artificial Intelligence (318251)
Tuesday 11/03/2025	Web Technology & Application Design (318252)
Wednesday 12/03/2025	UI/UX Design (318253)
Thursday 13/03/2025	**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
Monday 17/03/2025	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/98

Date: 20 /02 /2025

Director

Board of Examinations and Evaluation