

# **SAVITRIBAI PHULE PUNE UNIVERSITY**

**(Formerly University of Pune)**



**EXAMINATION CIRCULAR NO. 37 OF.2022**

**THIRD YEAR ENGINEERING (2019 PATTERN)**

**Examination of SUMMER-2022**

**(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.

## **COMPUTER**

### **SEM-II**

<b>Day &amp; Date</b>	<b>2019 Course Time-09.00 AM To 11.30 AM ( Additional 15 Minutes per hour)</b>
Wednesday 29/06/2022	Data Science and Big Data Analytics (310251)
Saturday 02/07/2022	Web Technology (310252)
Wednesday 06/07/2022	Artificial Intelligence (310253)
Saturday 09/07/2022	<b>ELECTIVE-II</b> Information Security (310254 A)
	<b>ELECTIVE-II</b> Augmented and Virtual Reality (310254 B)
	<b>ELECTIVE-II</b> Cloud Computing (310254 C)
	<b>ELECTIVE-II</b> Software Modeling and Architectures (310254 D)

# SEM-I

Day & Date	2019 Course Time-09.00 AM To 11.30 AM ( Additional 15 Minutes per hour)
Monday 11/07/2022	Database Management Systems (310241)
Thursday 14/07/2022	Theory of Computation (310242)
Monday 18/07/2022	Systems Programming and Operating System (310243)
Thursday 21/07/2022	Computer Networks and Security (310244)
Monday 25/07/2022	<b>ELECTIVE-I</b> Internet of Things and Embedded Systems (310245 A)
	<b>ELECTIVE-I</b> Human Computer Interface (310245 B)
	<b>ELECTIVE-I</b> Distributed Systems (310245 C)
	<b>ELECTIVE-I</b> Software Project Management (310245 D)

## **ELECTRONICS & TELECOMMUNICATION**

### **SEM-II**

<b>Day &amp; Date</b>	<b>2019 Course Time-09.00 AM To 11.30 AM ( Additional 15 Minutes per hour)</b>
Wednesday 29/06/2022	Cellular Networks (304192)
Saturday 02/07/2022	Project Management (304193)
Wednesday 06/07/2022	Power Devices & Circuits (304194)
Saturday 09/07/2022	<b>ELECTIVE-II</b> Digital Image Processing (304195)
	<b>ELECTIVE-II</b> Sensors in Automation (304195 )
	<b>ELECTIVE-II</b> Advanced JAVA Programming (304195) *
	<b>ELECTIVE-II</b> Embedded Processors (304195 )
	<b>ELECTIVE-II</b> Network Security (304195)
<b>Note :-</b> * Common with Electronics	

### SEM-I

Day & Date	2019 Course Time-09.00 AM To 11.30 AM ( Additional 15 Minutes per hour)
Monday 11/07/2022	Digital Communication (304181)
Thursday 14/07/2022	Electromagnetic Field Theory (304182)
Monday 18/07/2022	Database Management (304183) *
Thursday 21/07/2022	Microcontrollers (304184)
Monday 25/07/2022	<b>ELECTIVE-I</b> Digital Signal Processing (304185 )
	<b>ELECTIVE-I</b> Electronic Measurements (304185 ) *
	<b>ELECTIVE-I</b> Fundamentals of JAVA Programming (304185 )
	<b>ELECTIVE-I</b> Computer Networks (304185 )
<b>Note :-</b> * Common with Electronics	

## **INFORMATION TECHNOLOGY**

### **SEM-II**

<b>Day &amp; Date</b>	<b>2019 Course Time-09.00 AM To 11.30 AM ( Additional 15 Minutes per hour)</b>
Wednesday 29/06/2022	Computer Networks & Security (314451)
Saturday 02/07/2022	Data Science and Big Data Analytics (314452)
Wednesday 06/07/2022	Web Application Development (414464A)
Saturday 09/07/2022	<b>ELECTIVE-II</b> Artificial Intelligence (314454 A)
	<b>ELECTIVE-II</b> Cyber Security (314454 B)
	<b>ELECTIVE-II</b> Cloud Computing (314454 C)
	<b>ELECTIVE-II</b> Software Modeling and Design (314454 D)

**SEM-I**

<b>Day &amp; Date</b>	<b>2019 Course Time-09.00 AM To 11.30 AM ( Additional 15 Minutes per hour)</b>
Monday 11/07/2022	Theory of Computation (314441)
Thursday 14/07/2022	Operating Systems (314442)
Monday 18/07/2022	Machine Learning (314443)
Thursday 21/07/2022	Human Computer Interaction (314444)
Monday 25/07/2022	<b>ELECTIVE-I</b> Design and Analysis of Algorithm (314445 A)
	<b>ELECTIVE-I</b> Advanced Database and Management System (314445 B)
	<b>ELECTIVE-I</b> Design Thinking (314445 C)
	<b>ELECTIVE-I</b> Internet of Things (314445 D)

## **INSTRUMENTATION & CONTROL**

### **SEM-II**

<b>Day &amp; Date</b>	<b>2019 Course Time-09.00 AM To 11.30 AM ( Additional 15 Minutes per hour)</b>
Wednesday 29/06/2022	Internet of Things (306268)
Saturday 02/07/2022	Industrial Automation-II (306269)
Wednesday 06/07/2022	Digital Signal Processing (306270)
Saturday 09/07/2022	<b>ELECTIVE-II</b> Building Automation (306271 A)
	<b>ELECTIVE-II</b> Machine Learning (306271 B)
	<b>ELECTIVE-II</b> Electrical Drives (306271 C)
	<b>ELECTIVE-II</b> Analytical Instrumentation (306271 D)

**SEM-I**

<b>Day &amp; Date</b>	<b>2019 Course Time-09.00 AM To 11.30 AM ( Additional 15 Minutes per hour)</b>
Monday 11/07/2022	Embedded Systems (306261)
Thursday 14/07/2022	Industrial Automation-I (306262)
Monday 18/07/2022	Modern Control Theory (306263)
Thursday 21/07/2022	Operating System (306264)
Monday 25/07/2022	<b>ELECTIVE-I</b> Mechatronics & Robotics (306265 A)
	<b>ELECTIVE-I</b> Data Science (306265 B)
	<b>ELECTIVE-I</b> Power Electronics (306265 C)
	<b>ELECTIVE-I</b> Bio-Medical Instrumentation (306265 D)

## **MECHANICAL**

### **SEM-II**

<b>Day &amp; Date</b>	<b>2019 Course Time-09.00 AM To 11.30 AM ( Additional 15 Minutes per hour)</b>
Wednesday 29/06/2022	Artificial Intelligence & Machine Learning (302049)
Saturday 02/07/2022	Computer Aided Engineering (302050)
Wednesday 06/07/2022	Design of Transmission Systems (302051)
Saturday 09/07/2022	<b>ELECTIVE-II</b> Composite Materials (302052-A)
	<b>ELECTIVE-II</b> Surface Engineering (302052-B)

### SEM-I

Day & Date	2019 Course Time-09.00 AM To 11.30 AM ( Additional 15 Minutes per hour)
Monday 11/07/2022	*Numerical & Statistical Methods (302041)
Thursday 14/07/2022	*Heat & Mass Transfer (302042)
Monday 18/07/2022	*Design of Machine Elements (302043)
Thursday 21/07/2022	* Mechatronics (302044)
Monday 25/07/2022	<b>ELECTIVE-I</b> Advanced Forming & Joining Processes (302045-A)
	<b>ELECTIVE-I</b> Machining Science & Technology (302045-B)

NOTE:- \*\* **Common to Mechanical Sandwich Engineering**