# **SAVITRIBAI PHULE PUNE UNIVERSITY**

(Formerly University of Pune)



# EXAMINATION CIRCULAR NO. 73 OF. 2023 REVISED SECOND YEAR ENGINEERING (2019 PATTERN) Examination of NOV/DEC-2022

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

### **INSTRUCTIONS FOR CANDIDATES**

- 1. Candidates are required to be present at the examination centre, THIRTY MINUTES before the stipulated time.
- 2. Candidates are forbidden from taking any material into the examination hall that can be treated as a malpractice.
- 3. 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.
- 4. No request shall be granted for change in time or date for the University Examination on any ground.
- 5. Candidates are requested to note the Day, Date and Time of Paper.
- 6. Candidates are permitted to use stencils at the time of examination.
- 7. 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.
- 8. 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.
- 9. The written examination will be conducted in the following order.

### CIVIL

### SEMESTER - III

### Time:-02.00 PM To 04.30 PM

Day & Date	Paper Code	Subject
Monday 30-01-2023	207001	Engineering Mathematics III
Wednesday 01-02-2023	207009	Engineering Geology
Thursday 02-02-2023	201001	Building Technology and Architectural Planning
Monday 06-02-2023	201002	Mechanics of structure
Tuesday 07-02-2023	201003	Fluid Mechanics

# **ELECTRONICS / ELECTRONICS & TELECOMMUNICATIN**

### **SEMESTER - III**

### Time:-02.00 PM To 04.30 PM

Day & Date	Paper Code	Subject
Monday 30-01-2023	204183	Electrical Circuits
Wednesday 01-02-2023	204184	Data structures
Thursday 02-02-2023	207005	Engineering Mathematics III *
Monday 06-02-2023	204181	Electronic Circuits
Tuesday 07-02-2023	204182	Digital Circuits*

\* Common with Electronics & Computer

# **ELECTRONICS & COMPUTER**

SEMESTER - III

### Time:-02.00 PM To 04.30 PM

Day & Date	Paper Code	Subject
Monday 30-01-2023	204184	Data structures & Algorithms
Wednesday 01-02-2023	204203	Computer Organization
Thursday 02-02-2023	207005	Engineering Mathematics III *
Monday 06-02-2023	204202	Electronic Circuits
Tuesday 07-02-2023	204182	Digital Circuits *

\* Common with Electronics & Electronics & Telecommunication

# ELECTRICAL

SEMESTER - III

Day & Date	Paper Code	Subject
Monday 30-01-2023	203144	Electrical Measurement & Instrumentation
Wednesday 01-02-2023	207006	Engineering Mathematics -III
Thursday 02-02-2023	203141	Power Generation Technologies
Monday 06-02-2023	203142	Material Science
Tuesday 07-02-2023	203143	Analog and Digital Electronics

### **INSTRUMENTATION**

SEMESTER - III

### Time:-02.00 PM To 04.30 PM

Day & Date	Paper Code	Subject
Monday 30-01-2023	206264	Control System Components
Wednesday 01-02-2023	207008	Engineering Mathematics III
Thursday 02-02-2023	206261	Sensors and Transducers
Monday 06-02-2023	206262	Linear Integrated Circuits
Tuesday 07-02-2023	206263	Electrical Measurements & Instrumentation

# **CHEMICAL**

SEMESTER - III

### Time:-02.00 PM To 04.30 PM

Day & Date	Paper Code	Subject
Monday 30-01-2023	209343	Engineering Materials
Wednesday 01-02-2023	209344	Process Calculations
Thursday 02-02-2023	207004	Engineering Mathematics -III *
Monday 06-02-2023	209341	Industrial Chemistry I
Tuesday 07-02-2023	209342	Fluid Mechanics

\* Common with Printing & Biotechnology

### COMPUTER

### SEMESTER - III

### Time:-02.00 PM To 04.30 PM

Day & Date	Paper Code	Subject
Monday 30-01-2023	210244	Computer Graphics # *
Wednesday 01-02-2023	210245	Digital Electronics and Logic Design
Thursday 02-02-2023	210241	Discrete Mathematics # *
Monday 06-02-2023	210242	Fundamentals of Data Structures *
Tuesday 07-02-2023	210243	Object Oriented Programming (OOP) # *

# Common with COMPUTER SCIENCE & DESIGN ENGINEERING

\* Common with ARTIFICIAL INTELLIGENCE & DATA SCIENCE

# **INFORMATIOM TECHNOLOGY**

SEMESTER - III

Day & Date	Paper Code	Subject
Monday 30-01-2023	214444	Object Oriented Programming
Wednesday 01-02-2023	214445	Basic of Computer Network
Thursday 02-02-2023	214441	Discrete Mathematics
Monday 06-02-2023	214442	Logic Design and Computer Organization
Tuesday 07-02-2023	214443	Data Structures and Algorithms

# **B.TECH. BIOTECHNOLOGY**

### **SEMESTER - III**

### Time:-02.00 PM To 04.30 PM

Day & Date	Paper Code	Subject
Monday 30-01-2023	215463	Heat transfer
Wednesday 01-02-2023	215464	Microbiology
Thursday 02-02-2023	207004	Engineering Mathematics III *
Monday 06-02-2023	215461	Biochemistry I
Tuesday 07-02-2023	215462	Fluid Flow & Unit Operations

\* Common with Printing & Chemical

# **PRODUCTION ENGINEERING AND INDUSTRIAL ENGINEERING**

### SEMESTER - III

### Time:-02.00 PM To 04.30 PM

Day & Date	Paper Code	Subject
Monday 30-01-2023	211083	Manufacturing Processes -I *
Wednesday 01-02-2023	211084	Materials Science and Metallurgy *
Thursday 02-02-2023	207007	Engineering Mathematics -III *
Monday 06-02-2023	211081	Heat and Fluid Engineering *
Tuesday 07-02-2023	211082	Strenght of Materials *

\* Common with Production Engineering (Sandwich)

# **PRODUCTION ENGINEERING (SANDWICH)**

SEMESTER - III

### Time:-02.00 PM To 04.30 PM

Day & Date	Paper Code	Subject
Monday 30-01-2023	211083	Manufacturing Processes -I *
Wednesday 01-02-2023	211084	Materials Science and Metallurgy *
Thursday 02-02-2023	207007	Engineering Mathematics -III *
Monday 06-02-2023	211081	Heat and Fluid Engineering *
Tuesday 07-02-2023	211082	Strengh of Materials *

# \* Common with Production Engineering

# **PRINTING ENGINEERING**

### SEMESTER - III

### Time:-02.00 PM To 04.30 PM

Day & Date	Paper Code	Subject
Monday 30-01-2023	208282	Material Science in Printing and Packaging
Wednesday 01-02-2023	208283	Printing Digital Electronics
Thursday 02-02-2023	207004	Engineering Mathematics III *
Monday 06-02-2023	202060	Theory of Printing Machine and M/c. Components
Tuesday 07-02-2023	208281	Introduction to Printing Processes

\* Common with Chemical

# **AUTOMATION & ROBOTICS**

SEMESTER - III

### Time:-02.00 PM To 04.30 PM

Day & Date	Paper Code	Subject
Monday 30-01-2023	202044	Engineering Materials and Metallurgy *
Wednesday 01-02-2023	202522	Industrial Electronics
Thursday 02-02-2023	202041	Solid Mechanics *
Monday 06-02-2023	202042	Solid Modeling and Drafting *
Tuesday 07-02-2023	202521	Electrical Technology

# \* Common with Mechanical

### **MECHATRONICS ENGINEERING**

SEMESTER - III

Day & Date	Paper Code	Subject
Monday 30-01-2023	217544	Analysis of Mechanical Structure
Wednesday 01-02-2023	217541	Engineering Material
Monday 06-02-2023	217542	Heat and Mass Transfer
Tuesday 07-02-2023	217543	Digital Electronics

# **ARTIFICIAL INTELLIGENCE & DATA SCIENCE**

SEMESTER - III

### Time:-02.00 PM To 04.30 PM

Day & Date	Paper Code	Subject
Monday 30-01-2023	210244	Computer Graphics *
Wednesday 01-02-2023	217521	Operating Systems
Thursday 02-02-2023	210241	Discrete Mathematics *
Monday 06-02-2023	210242	Fundamentals of Data Structures *
Tuesday 07-02-2023	210243	Object Oriented Programming *

\* Common with Computer

# **ARTIFICIAL INTELLIGENCE & MACHINE LEARNING**

### SEMESTER - III

Day & Date	Paper Code	Subject
Monday 30-01-2023	218544	Object Oriented Programming
Wednesday 01-02-2023	218545	Software Engineering
Thursday 02-02-2023	218541	Discrete Mathematics
Monday 06-02-2023	218542	Data Structures & Algorithms
Tuesday 07-02-2023	218543	Computer Networks

# **ROBOTICS & AUTOMATION(RA)**

SEMESTER - III

### Time:-02.00 PM To 04.30 PM

Day & Date	Paper Code	Subject
Monday 30-01-2023	211502	Manufacturing Technology
Wednesday 01-02-2023	211503	Materials Science and Engineering Metallurgy
Thursday 02-02-2023	207007	Engineering Mathematics-III *
Monday 06-02-2023	211082	Strength of Materials
Tuesday 07-02-2023	211501	Industrial Electronics and Electrical Technology

\* Common with Production Engineering

# **AUTOMOBILE & MECHANICAL ENGINEERING**

SEMESTER - III

### Time:-02.00 PM To 04.30 PM

Day & Date	Paper Code	Subject
Monday 30-01-2023	202044	Engineering Materials and Metallurgy *
Wednesday 01-02-2023	203156	Electrical and Electronics Engineering *
Thursday 02-02-2023	202041	Solid Mechanics *
Monday 06-02-2023	202042	Solid Modeling and Drafting *
Tuesday 07-02-2023	202043	Engineering Thermodynamics *

\* Common with Mechanical Sandwich

### **MECHANICAL SANDWICH**

SEMESTER - III

#### Time:-02.00 PM To 04.30 PM

Day & Date	Paper Code	Subject
Monday 30-01-2023	202044	Engineering Materials and Metallurgy *
Wednesday 01-02-2023	203156	Electrical and Electronics Engineering *
Thursday 02-02-2023	202041	Solid Mechanics *
Monday 06-02-2023	202042	Solid Modeling and Drafting *
Tuesday 07-02-2023	202043	Engineering Thermodynamics *

\* Common with Mechanical

# **COMPUTER SCIENCE & DESIGN ENGINEERING**

**SEMESTER - III** 

#### Time:-02.00 PM To 04.30 PM

Day & Date	Paper Code	Subject
Monday 30-01-2023	210244	Computer Graphics *
Wednesday 01-02-2023	218245	Logic Design and Computer Architecture
Thursday 02-02-2023	210241	Discrete Mathematics *
Monday 06-02-2023	218242	Data Structure And Algorithms
Tuesday 07-02-2023	210243	Object Oriented Programming (OOP) *

\* Common with Computer Engineering

Ganeshkhind, Pune - 411 007 Ref.No/XCT :- 145 Date: 24 / 01 / 2023

Director,

**Board of Examinations and Evaluation**