SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)

EXAMINATION CIRCULAR NO. 21 OF. 2022
SECOND 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.

CIVIL

SEMESTER - III

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Tuesday 21-06-2022	201001	Building Technology and Architectural Planning
Friday 24-06-2022	201002	Mechanics of structure
Tuesday 28-06-2022	201003	Fluid Mechanics
Friday 01-07-2022	207001	Engineering Mathematics III
Tuesday 05-07-2022	207009	Engineering Geology

CIVIL

SEMESTER - IV

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Monday 20-06-2022	201008	Geotechnical Engineering
Thursday 23-06-2022	201009	Survey
Monday 27-06-2022	201010	Concrete Technology
Thursday 30-06-2022	201011	Structural Analysis
Monday 04-07-2022	201012	Project management

ELECTRONICS / ELECTRONICS & TELECOMMUNICATIN

SEMESTER - III

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Tuesday 21-06-2022	207005	Engineering Mathematics III *
Friday 24-06-2022	204181	Electronic Circuits
Tuesday 28-06-2022	204182	Digital Circuits
Friday 01-07-2022	204183	Electrical Circuits
Tuesday 05-07-2022	204184	Data structures

ELECTRONICS / ELECTRONICS & TELECOMMUNICATIN

SEMESTER - IV

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Monday 20-06-2022	204191	Signals & Systems
Thursday 23-06-2022	204192	Control Systems
Monday 27-06-2022	204193	Principles of Communication Systems
Thursday 30-06-2022	204194	Object Oriented Programming

* Common with Electronics & Computer

ELECTRONICS & COMPUTER

SEMESTER - III

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Tuesday 21-06-2022	207005	Engineering Mathematics III
Friday 24-06-2022	204202	Electronic Circuits
Tuesday 28-06-2022	204182	Digital Circuits
Friday 01-07-2022	204184	Data structures & Algorithms
Tuesday 05-07-2022	204203	Computer Organization

ELECTRONICS & COMPUTER

SEMESTER - IV

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Monday 20-06-2022	204191	Signals & Systems
Thursday 23-06-2022	204206	Principles of Programming Language
Monday 27-06-2022	204193	Principles of Communication System
Thursday 30-06-2022	204194	Object Oriented Programming
Monday 04-07-2022	204207	System Programming & Operating Systems

ELECTRICAL

SEMESTER - III

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Tuesday 21-06-2022	203141	Power Generation Technologies
Friday 24-06-2022	203142	Material Science
Tuesday 28-06-2022	203143	Analog and Digital Electronics
Friday 01-07-2022	203144	Electrical Measurement & Instrumentation
Tuesday 05-07-2022	207006	Engineering Mathematics -III

ELECTRICAL

SEMESTER - IV

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Monday 20-06-2022	203145	Power System - I
Thursday 23-06-2022	203146	Electrical Machines - I
Monday 27-06-2022	203147	Network Analysis
Thursday 30-06-2022	203148	Numerical Methods & Computer Programming
Monday 04-07-2022	203149	Fundamental of Microcontroller and Applications

INSTRUMENTATION

SEMESTER - III

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Tuesday 21-06-2022	206261	Sensors and Transducers
Friday 24-06-2022	206262	Linear Integrated Circuits
Tuesday 28-06-2022	206263	Electrical Measurements & Instrumentation
Friday 01-07-2022	206264	Control System Components
Tuesday 05-07-2022	207008	Engineering Mathematics III

INSTRUMENTATION

SEMESTER - IV

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Monday 20-06-2022	206268	Control Systems
Thursday 23-06-2022	206269	Digital Electronics
Monday 27-06-2022	206270	Process Loop Elements
Thursday 30-06-2022	206271	Signals and Systems
Monday 04-07-2022	206272	Data Structures

CHEMICAL

SEMESTER - III

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Tuesday 21-06-2022	207004	Engineering Mathematics -III *
Friday 24-06-2022	209341	Industrial Chemistry I
Tuesday 28-06-2022	209342	Fluid Mechanics
Friday 01-07-2022	209343	Engineering Materials
Tuesday 05-07-2022	209344	Process Calculations

CHEMICAL

SEMESTER - IV

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Monday 20-06-2022	209347	Industrial Chemistry II
Thursday 23-06-2022	209348	Heat Transfer
Monday 27-06-2022	209349	Principles of Design
Thursday 30-06-2022	209350	Chemical Technology I
Monday 04-07-2022	209351	Mechanical Operations

* Common with Printing & Biotechnology

B.TECH. BIOTECHNOLOGY

SEMESTER - III

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Tuesday 21-06-2022	207004	Engineering Mathematics III
Friday 24-06-2022	215461	Biochemistry I
Tuesday 28-06-2022	215462	Fluid Flow & Unit Operations
Friday 01-07-2022	215463	Heat transfer
Tuesday 05-07-2022	215464	Microbiology

B.TECH. BIOTECHNOLOGY

SEMESTER - IV

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Monday 20-06-2022	215470	Biochemistry II
Thursday 23-06-2022	215471	Cell Biology & Tissue Culture
Monday 27-06-2022	215472	Thermodynamics
Thursday 30-06-2022	215473	Genetics & Molecular Biology

COMPUTER

SEMESTER - III

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Tuesday 21-06-2022	210241	Discrete Mathematics
Friday 24-06-2022	210242	Fundamentals of Data Structures
Tuesday 28-06-2022	210243	Object Oriented Programming (OOP)
Friday 01-07-2022	210244	Computer Graphics
Tuesday 05-07-2022	210245	Digital Electronics and Logic Design

COMPUTER

SEMESTER - IV

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Monday 20-06-2022	207003	Engineering Mathematics III *
Thursday 23-06-2022	210252	Data Stuctures and Algorithms
Monday 27-06-2022	210253	Software Engineering
Thursday 30-06-2022	210254	Microprocessor
Monday 04-07-2022	210255	Principles of Programming Languages

* Common with Information Technology

ARTIFICIAL INTELLIGENCE & DATA SCIENCE

SEMESTER - III

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Tuesday 21-06-2022	210241	Discrete Mathematics
Friday 24-06-2022	210242	Fundamentals of Data Structures
Tuesday 28-06-2022	210243	Object Oriented Programming
Friday 01-07-2022	210244	Computer Graphics
Tuesday 05-07-2022	217521	Operating Systems

ARTIFICIAL INTELLIGENCE & DATA SCIENCE

SEMESTER - IV

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Monday 20-06-2022	210253	Software Engineering
Thursday 23-06-2022	210252	Data Structures and Algorithms
Monday 27-06-2022	217528	Statistics
Thursday 30-06-2022	217529	Internet of Things
Monday 04-07-2022	217530	Management Information System

ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

SEMESTER - III

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Tuesday 21-06-2022	218541	Discrete Mathematics
Friday 24-06-2022	218543	Computer Networks
Tuesday 28-06-2022	218542	Data Structures & Algorithms
Friday 01-07-2022	218544	Object Oriented Programming
Tuesday 05-07-2022	218545	Software Engineering

ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

SEMESTER - IV

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Monday 20-06-2022	207003	Applied Mathematics
Thursday 23-06-2022	218552	Operating Systems
Monday 27-06-2022	218554	Database Management System
Thursday 30-06-2022	218555	Computer Graphics
Monday 04-07-2022	218553	Fundamentals of Artificial Intelligence and Machine Learning

INFORMATIOM TECHNOLOGY

SEMESTER - III

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Tuesday 21-06-2022	214441	Discrete Mathematics
Friday 24-06-2022	214442	Logic Design and Computer Organization
Tuesday 28-06-2022	214443	Data Structures and Algorithms
Friday 01-07-2022	214444	Object Oriented Programming
Tuesday 05-07-2022	214445	Basic of Computer Network

INFORMATIOM TECHNOLOGY

SEMESTER - IV

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Monday 20-06-2022	207003	Engineering Mathematics-III
Thursday 23-06-2022	214451	Processor Architecture
Monday 27-06-2022	214452	Database Management System
Thursday 30-06-2022	214453	Computer Graphics
Monday 04-07-2022	214454	Software Engineering

PRODUCTION ENGINEERING AND INDUSTRIAL ENGINEERING

SEMESTER - III

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Tuesday 21-06-2022	207007	Engineering Mathematics -III *
Friday 24-06-2022	211081	Heat and Fluid Engineering *
Tuesday 28-06-2022	211082	Strenght of Materials *
Friday 01-07-2022	211083	Manufacturing Processes -I *
Tuesday 05-07-2022	211084	Materials Science and Metallurgy *

PRODUCTION ENGINEERING AND INDUSTRIAL ENGINEERING

SEMESTER - IV

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Monday 20-06-2022	203050	Electrical and Electronics Engineering *
Thursday 23-06-2022	211091	Theory of Machines *
Monday 27-06-2022	211092	Design of Machine Elements *
Thursday 30-06-2022	211093	Advanced Materials
Monday 04-07-2022	211094	Industrial Engineering and Management *

* Common with Production Engineering (Sandwich)

PRODUCTION ENGINEERING (SANDWICH)

SEMESTER - III

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Tuesday 21-06-2022	207007	Engineering Mathematics -III
Friday 24-06-2022	211081	Heat and Fluid Engineering
Tuesday 28-06-2022	211082	Strengh of Materials
Friday 01-07-2022	211083	Manufacturing Processes -I
Tuesday 05-07-2022	211084	Materials Science and Metallurgy

PRODUCTION ENGINEERING (SANDWICH)

SEMESTER - IV

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Monday 20-06-2022	203050	Electrical and Electronics Engineering
Thursday 23-06-2022	211091	Theory of Machines
Monday 27-06-2022	211092	Design of Machine Elements
Thursday 30-06-2022	211121	Manufacturing Process- II
Monday 04-07-2022	211094	Industrial Engineering and Management

ROBOTICS & AUTOMATION(RA)

SEMESTER - III

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Tuesday 21-06-2022	207007	Engineering Mathematics-III *
Friday 24-06-2022	211501	Industrial Electronics and Electrical Technology
Tuesday 28-06-2022	211082	Strength of Materials
Friday 01-07-2022	211502	Manufacturing Technology
Tuesday 05-07-2022	211503	Materials Science and Engineering Metallurgy

ROBOTICS & AUTOMATION(RA)

SEMESTER - IV

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Monday 20-06-2022	211508	Industrial Engineering and Management
Thursday 23-06-2022	211509	Control System Engineering
Monday 27-06-2022	211510	Design of Machine Elements
Thursday 30-06-2022	211511	Metrology and Quality Assurance
Monday 04-07-2022	211512	Computer Graphics for Robotics

PRINTING ENGINEERING

SEMESTER - III

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Tuesday 21-06-2022	207004	Engineering Mathematics III
Friday 24-06-2022	202060	Theory of Printing Machine and M/c. Components
Tuesday 28-06-2022	208281	Introduction to Printing Processes
Friday 01-07-2022	208282	Material Science in Printing and Packaging
Tuesday 05-07-2022	208283	Printing Digital Electronics

PRINTING ENGINEERING

SEMESTER - IV

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Monday 20-06-2022	203155	Electrical Machines and Utilization
Thursday 23-06-2022	208286	Finishing Techniques
Monday 27-06-2022	208287	Introduction to Packaging Concepts
Thursday 30-06-2022	208288	Microprocessor and Microcontroller Techniques in Printing
Monday 04-07-2022	208289	Print Production Techniques

MECHATRONICS ENGINEERING

SEMESTER - III

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Tuesday 21-06-2022	217541	Engineering Material
Friday 24-06-2022	217542	Heat and Mass Transfer
Tuesday 28-06-2022	217543	Digital Electronics
Friday 01-07-2022	217544	Analysis of Mechanical Structure
Monday 04-07-2022	207002	Engineering Mathematics -III *

MECHATRONICS ENGINEERING

SEMESTER - IV

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Monday 20-06-2022	217547	Kinematics of Machinery
Thursday 23-06-2022	217548	Fluid Mechanics and Machinery
Monday 27-06-2022	217549	Electrical Machines and drive
Thursday 30-06-2022	217550	Sensor and Actuator
Tuesday 05-07-2022	217551	Applications of Integrated Circuits

* Common with Mechanical

AUTOMATION & ROBOTICS

SEMESTER - III

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Tuesday 21-06-2022	202041	Solid Mechanics *
Friday 24-06-2022	202042	Solid Modeling and Drafting *
Tuesday 28-06-2022	202521	Electrical Technology
Friday 01-07-2022	202044	Engineering Materials and Metallurgy *
Tuesday 05-07-2022	202522	Industrial Electronics

AUTOMATION & ROBOTICS

SEMESTER - IV

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Monday 20-06-2022	202047	Kinematics of Machinery *
Thursday 23-06-2022	202524	Principles of Robotics
Monday 27-06-2022	202523	Fluid & Thermal Engineering
Thursday 30-06-2022	202050	Manufacturing Processes *
Monday 04-07-2022	207002	Engineering Mathematics - III *

* Common with Mechanical

AUTOMOBILE & MECHANICAL ENGINEERING

SEMESTER - III

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Tuesday 21-06-2022	202041	Solid Mechanics *
Friday 24-06-2022	202042	Solid Modeling and Drafting *
Tuesday 28-06-2022	202043	Engineering Thermodynamics *
Friday 01-07-2022	202044	Engineering Materials and Metallurgy *
Tuesday 05-07-2022	203156	Electrical and Electronics Engineering *

AUTOMOBILE & MECHANICAL ENGINEERING

SEMESTER - IV

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Monday 20-06-2022	202047	Kinematics of Machinery *
Thursday 23-06-2022	202048	Applied Thermodynamics
Monday 27-06-2022	202049	Fluid Mechanics
Thursday 30-06-2022	202050	Manufacturing Processes
Monday 04-07-2022	207002	Engineering Mathematics - III *

* Common with Mechanical Sandwich

MECHANICAL SANDWICH

SEMESTER - III

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Tuesday 21-06-2022	202041	Solid Mechanics
Friday 24-06-2022	202042	Solid Modeling and Drafting
Tuesday 28-06-2022	202043	Engineering Thermodynamics
Friday 01-07-2022	202044	Engineering Materials and Metallurgy
Tuesday 05-07-2022	203156	Electrical and Electronics Engineering

MECHANICAL SANDWICH

SEMESTER - IV

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Monday 20-06-2022	202047	Kinematics of Machinery
Thursday 23-06-2022	202062	FLUID MECHANICS & MACHINERY
Monday 27-06-2022	202063	MANUFACTURING ENGINEERING
Thursday 30-06-2022	202061	THERMAL ENGINEERING
Monday 04-07-2022	207002	Engineering Mathematics - III

Ganeshkhind, Pune - 411 007

Ref.No/XCT :- 156　　　　　　　　　　　　　　　　　　　　　**Director,**

Date: 05 / 06 / 2022　　　　　　　　　　　　　　　　**Board of Examinations and Evaluation**