

SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)



EXAMINATION CIRCULAR NO.432 OF. 2023

BACHELOR OF ENGINEERING (2015 COURSE)

Examination of NOV./DEC.-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.

CHEMICAL

SEM-II

Day & Date	2015 Course Time-02.00 PM To 4.30 PM
Saturday 23-12-2023	PROCESS MODELING AND SIMULATION (409349)

CIVIL

SEM-I

Day & Date	2015 Course Time-10.00 AM To 12.30 PM
Saturday 23-12-2023	ENVIRONMENTAL ENGINEERING - II (401001)
Tuesday 26-12-2023	TRANSPORTATION ENGINEERING (401002)
Wednesday 27-12-2023	* STRUCTURAL DESIGN & DRAWING-III (401003) 10.00 AM To 1.00 PM
Thursday 28-12-2023	ELECTIVE-I ADVANCED CONCRETE TECHNOLOGY (401004C)
	ELECTIVE-I ARCHITECTURE AND TOWN PLANNING (401004D)
Friday 29-12-2023	ELECTIVE-II TQM & MIS IN CIVIL ENGINEERING (401005C)

NOTE:- **Please note the Timing*

CIVIL

SEM-II

Day & Date	2015 Course Time-02.00 PM To 4.30 PM
Saturday 23-12-2023	DAMS AND HYDRAULIC STRUCTURES (401007)
Tuesday 26-12-2023	QUANTITY SURVEYING, CONTRACTS AND TENDERS (401008)
Thursday 28-12-2023	ELECTIVE-III HYDROPOWER ENGINEERING (401009C)
	ELECTIVE-III AIR POLLUTION AND CONTROL (401009D)
Friday 29-12-2023	ELECTIVE-IV CONSTRUCTION MANAGEMENT (401010A)

COMPUTER

SEM-I

Day & Date	2015 Course Time-10.00 AM To 12.30 PM
Saturday 23-12-2023	HIGH PERFORMANCE COMPUTING (410241)
Tuesday 26-12-2023	ARTIFICIAL INTELLIGENCE & ROBOTICS (410242)
Wednesday 27-12-2023	DATA ANALYSIS (410243)
Thursday 28-12-2023	ELECTIVE-I SOFTWARE ARCHITECTURE & DESIGN (410244B)
	ELECTIVE-I DATA MINING & WAREHOUSING (410244D)
Friday 29-12-2023	ELECTIVE-II SOFTWARE TESTING & QUALITY ASSURANCE (410245B)

SEM-II

Day & Date	2015 Course Time-02.00 PM To 4.30 PM
Saturday 23-12-2023	MACHINE LEARNING (410250)
Tuesday 26-12-2023	INFORMATION AND CYBER SECURITY (410251)
Thursday 28-12-2023	ELECTIVE-III COMPILERS (410252B)
	ELECTIVE-III EMBEDDED AND REAL TIME OPERATING SYSTEMS (410252C)
	ELECTIVE-III SOFT COMPUTING AND OPTIMIZATION ALGORITHMS (410252D)
Friday 29-12-2023	ELECTIVE-IV HUMAN COMPUTER INTERFACE (410253B)
	ELECTIVE-IV CLOUD COMPUTING (410253C)
	ELECTIVE-IV BUSINESS INTELLIGENCE (410253DA)

ELECTRICAL**SEM-I**

Day & Date	2015 Course Time-10.00 AM To 12.30 PM
Wednesday 27-12-2023	CONTROL SYSTEM-II (403145)
Friday 29-12-2023	ELECTIVE-II RESTRUCTURING & DE REGULATION (403144A)

SEM-II

Day & Date	2015 Course Time-02.00 PM To 4.30 PM
Saturday 23-12-2023	SWITCHGEAR AND PROTECTION (403147)
Tuesday 26-12-2023	POWER ELECTRONIC CONTROLLED DRIVES (403148)
Thursday 28-12-2023	ELECTIVE-III HIGH VOLTAGE ENGINEERING (403149A)
	ELECTIVE-III HVDC AND FACTS (403149B)
Friday 29-12-2023	ELECTIVE-IV SMART GRID (403150A)
	ELECTIVE-IV ILLUMINATION ENGINEERING (403150C)

ELECTRONICS**SEM-I**

Day & Date	2015 Course Time-10.00 AM To 12.30 PM
Saturday 23-12-2023	VLSI DESIGN (404201)
Tuesday 26-12-2023	ADVANCED POWER ELECTRONICS (404202)
Wednesday 27-12-2023	ELECTRONICS SYSTEM DESIGN (404203)

SEM-II

Day & Date	2015 Course Time-02.00 PM To 4.30 PM
Saturday 23-12-2023	COMPUTER NETWORKS & SECURITY (404209)
Tuesday 26-12-2023	PROCESS INSTRUMENTATION (404210)
Thursday 28-12-2023	ELECTIVE-III ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (404211B)
Friday 29-12-2023	ELECTIVE-IV RENEWABLE ENERGY SYSTEMS & DSM (404212C)

ELECTRONICS & TELECOMMUNICATION

SEM-I

Day & Date	2015 Course Time-10.00 AM To 12.30 PM
Saturday 23-12-2023	VLSI DESIGN & TECHNOLOGY (404181)
Tuesday 26-12-2023	COMPUTER NETWORKS & SECURITY (404182)
Wednesday 27-12-2023	RADIATION & MICROWAVE TECHNIQUES (404183)
Thursday 28-12-2023	ELECTIVE-I EMBEDDED SYSTEM & RTOS (404184C)

ELECTRONICS & TELECOMMUNICATION

SEM-II

Day & Date	2015 Course Time-02.00 PM To 4.30 PM
Saturday 23-12-2023	MOBILE COMMUNICATION (404189)
Tuesday 26-12-2023	BROADBAND COMMUNICATION SYSTEMS (404190)
Thursday 28-12-2023	ELECTIVE-III MACHINE LEARNING (404191A)
	ELECTIVE-III PLC S AND AUTOMATION (404191B)
	ELECTIVE-III AUDIO VIDEO ENGINEERING (404191E)
Friday 29-12-2023	ELECTIVE-IV ROBOTICS (404192A)
	ELECTIVE-IV BIOMEDICAL ELECTRONICS (404192B)
	ELECTIVE-IV WIRELESS SENSOR NETWORKS (404192C)
	ELECTIVE-IV RENEWABLE ENERGY SYSTEMS (404192D)
	OPEN ELECTIVE DATA SCIENCE & ANALYTICS (404192DD)

INFORMATION TECHNOLOGY

SEM-I

Day & Date	2015 Course Time-10.00 AM To 12.30 PM
Friday 29-12-2023	ELECTIVE-II SOFTWARE TESTING & QUALITY ASSURANCE (414457C)

SEM-II

Day & Date	2015 Course Time-02.00 PM To 4.30 PM
Saturday 23-12-2023	DISTRIBUTED COMPUTING SYSTEM (414462)
Tuesday 26-12-2023	UBIQUITOUS COMPUTING (414463)
Thursday 28-12-2023	ELECTIVE-III INTERNET OF THINGS (IOT) (414464A)
	ELECTIVE-III INFORMATION STORAGE AND RETRIEVAL (414464B)
Friday 29-12-2023	ELECTIVE-IV SOCIAL MEDIA ANALYTICS (414465D)

INSTRUMENTATION & CONTROL

SEM-II

Day & Date	2015 Course Time-02.00 PM To 4.30 PM
Saturday 23-12-2023	PROCESS INSTRUMENTATION (406268)
Tuesday 26-12-2023	INDUSTRIAL AUTOMATION (406269)
Thursday 28-12-2023	ELECTIVE-III BUILDING AUTOMATION (406270A)
Friday 29-12-2023	ELECTIVE-IV RENEWABLE ENERGY SYSTEMS (406271B)
	ELECTIVE-IV INSTRUMENTATION IN AGRICULTURE AND FOOD INDUSTRIES (406271C)

MECHANICAL

SEM-I

Day & Date	2015 Course Time-10.00 AM To 12.30 PM
Saturday 23-12-2023	@ REFRIGERATION AND AIR CONDITIONING (302049)
	HYDRAULICS & PNEUMATICS (402041)
Tuesday 26-12-2023	CAD/CAM AUTOMATION (402042)
Wednesday 27-12-2023	DYNAMICS OF MACHINERY (402043)
Thursday 28-12-2023	ELECTIVE-I FINITE ELEMENT ANALYSIS (402044A)
	ELECTIVE-I HEATING VENTILATION & AIR CONDITIONING (402044C)
Friday 29-12-2023	ELECTIVE-II AUTOMOBILE ENGINEERING (402045A)
	ELECTIVE-II ENERGY AUDIT & MANAGEMENT (402045C)

SEM-II

Day & Date	2015 Course Time-02.00 PM To 4.30 PM
Saturday 23-12-2023	ENERGY ENGINEERING (402047)
Tuesday 26-12-2023	* MECHANICAL SYSTEM DESIGN (402048) 2.00 PM To 5.00 PM
Thursday 28-12-2023	ELECTIVE-III TRIBOLOGY (402049A)
	ELECTIVE-III INDUSTRIAL ENGINEERING (402049B)
	ELECTIVE-III ROBOTICS (402049C)
Friday 29-12-2023	ELECTIVE-IV ADVANCED MANUFACTURING PROCESSES (402050A)
	ELECTIVE-IV SOLAR & WIND ENERGY (402050B)
	ELECTIVE-IV PRODUCT DESIGN AND DEVELOPMENT (402050C)

NOTE:-

Note:- * Please Note the Timing.(SEM-II)

@ The Students who have not studied the subject Refrigeration & Air Conditioning in T.E. 2012 pattern and who got admitted in B.E. 2015 pattern.

MECHANICAL-SANDWICH**SEM-II**

Day & Date	2015 Course Time-02.00 PM To 4.30 PM
Saturday 23-12-2023	** ENERGY ENGINEERING (402047)
Tuesday 26-12-2023	** MECHANICAL SYSTEM DESIGN (402048) 2.00 PM To 5.00 PM
Wednesday 27-12-2023	MECHANICAL VIBRATIONS (402066)
Thursday 28-12-2023	ELECTIVE-I FINITE ELEMENT ANALYSIS (402068C)
	ELECTIVE-I HYDRAULICS AND PNEUMATICS (402068D)
Friday 29-12-2023	ELECTIVE-II ENERGY AUDIT AND MANAGEMENT (402069A)

NOTE:- ** *Common to Mechanical Engineering. (SEM-II)*

HONORS/MINORS**SEM-II**

Day & Date	2015 Course Time-02.00 PM To 4.30 PM
Saturday 30-12-2023	Soft Computing and Deep Learning (410303)
	Artificial Intelligence for Big Data Analytics (410503)
	Internet of Things Security (410603)

Note: The Backlog Students of B.E. 2012 Pattern will have to appear for equivalence subjects of B.E. 2015 Pattern.

Ganeshkhind, Pune - 411 007

Ref.No/XCT/

Date:11/12/2023

Director

Board of Examinations And Evaluation