# SAVITRIBAI PHULE PUNE UNIVERSITY

## (Formerly University of Pune)

### EXAMINATION CIRCULAR NO.266 OF 2025
### BACHELOR OF ENGINEERING (2019 COURSE)

### Examination of Winter Session (Oct-Nov-Dec)-2025

### (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.

# B.E. CIVIL

SEMESTER - VIII

**Time:-02.00 PM To 4.30 PM**

| Day & Date | Paper Code | Subject |
|---|---|---|
| Monday 24-11-2025 | 401011 | Dams And Hydraulics Structures |
| Wednesday 26-11-2025 | 401012 | Quantity Surveying, Contracts And Tenders * <br><br> **Time:-02.00 PM To 5.00 PM** |
| Thursday 04-12-2025 | 401013 A | (ELECTIVE - V) Earthquake Engineering |
| | 401013 B | (ELECTIVE - V) Structural Design Of Bridges |
| | 401013 C | (ELECTIVE - V) Irrigation And Drainage |
| | 401013 D | (ELECTIVE - V) Design Of Precast And Composite Structures |
| | 401013 E | (ELECTIVE - V) Hydropower Engineering |
| | 401013 F | (ELECTIVE - V) Structural Audit And Retrofitting Of Structures |
| Monday 08-12-2025 | 401014 A | (ELECTIVE - VI) TQM And MIS |
| | 401014 B | (ELECTIVE - VI) Advanced Transportation Engineering |
| | 401014 C | (ELECTIVE - VI) Geo Synthetic Engineering |
| | 401014 D | (ELECTIVE - VI) Structural Design Of Foundations |
| | 401014 E | (ELECTIVE - VI) Green Structures And Smart Cities |
| | 401014 F | (ELECTIVE - VI) Rural Water Supply And Sanitation |

NOTE: -

*PLEASE NOTE THE TIME

# B.E. CIVIL

## SEMESTER - VII

**Time:- 2.00 PM To 4.30 PM**

| Day & Date | Paper Code | Subject |
|---|---|---|
| Friday 12-12-2025 | 401001 | Foundation Engineering |
| Monday 15-12-2025 | 401002 | Transportation Engineering |
| Friday 19-12-2025 | 401003 A | (ELECTIVE - III) Coastal Engineering |
| | 401003 B | (ELECTIVE - III) Advanced Design Of Concrete Structures * **Time:-2.00 PM To 5.00 PM** |
| | 401003 C | (ELECTIVE - III) Integrated Water Resources Planning & Management |
| | 401003 D | (ELECTIVE - III) Finite Element Method |
| | 401003 E | (ELECTIVE - III) Data Analytics |
| | 401003 F | (ELECTIVE - III) Operation Research |
| Monday 22-12-2025 | 401004 B | (ELECTIVE - IV) Advanced Design Of Steel Structures * **Time:-2.00 PM To 5.00 PM** |
| | 401004 C | (ELECTIVE - IV) Statistical Analysis And Computational Method |
| | 401004 D | (ELECTIVE - IV) Airport And Bridge Engineering |
| | 401004 E | (ELECTIVE - IV) Design Of Prestressed Concrete Structures * **Time:-2.00 PM To 5.00 PM** |
| | 401004 F | (ELECTIVE - IV) Formwork And Plumbing Engineering |
| | 401004A | (ELECTIVE-IV) Air Pollution And Control |

NOTE: -
*PLEASE NOTE THE TIME

# B.E. COMPUTER

SEMESTER - VIII

**Time:- 02.00 PM To 4.30 PM**

| Day & Date | Paper Code | Subject |
|---|---|---|
| Monday 24-11-2025 | 410250 | High Performance Computing |
| Wednesday 26-11-2025 | 410251 | Deep Learning |
| Thursday 04-12-2025 | 410252 A | (ELECTIVE - V) Natural Language Processing |
| | 410252 B | (ELECTIVE - V) Image Processing |
| | 410252 C | (ELECTIVE - V) Software Defined Networks |
| | 410252 D | (ELECTIVE - V) Advanced Digital Signal Processing |
| Monday 08-12-2025 | 410253 A | (ELECTIVE - VI) Pattern Recognition |
| | 410253 B | (ELECTIVE - VI) Soft Computing |
| | 410253 C | (ELECTIVE - VI) Business Intelligence |
| | 410253 D | (ELECTIVE - VI) Quantum Computing |

SEMESTER - VII

**Time:- 02.00 PM To 4.30 PM**

| Day & Date | Paper Code | Subject |
|---|---|---|
| Friday 12-12-2025 | 410241 | Design And Analysis Of Algorithms |
| Monday 15-12-2025 | 410242 | Machine Learning |
| Wednesday 17-12-2025 | 410243 | Blockchain Technology |
| Friday 19-12-2025 | 410244 A | (ELECTIVE - III) Pervasive Computing |
| | 410244 B | (ELECTIVE - III) Multimedia Techniques |
| | 410244 C | (ELECTIVE - III) Cyber Security And Digital Forensics |
| | 410244 D | (ELECTIVE - III) Object Oriented Modeling And Design |
| | 410244 E | (ELECTIVE - III) Digital Signal Processing |
| Monday 22-12-2025 | 410245 A | (ELECTIVE - IV) Information Retrieval |
| | 410245 B | (ELECTIVE - IV) GPU Programming And Architecture |
| | 410245 C | (ELECTIVE - IV) Mobile Computing |
| | 410245 D | (ELECTIVE - IV) Software Testing And Quality Assurance |
| | 410245 E | (ELECTIVE - IV) Compilers |

# B.E. ELECTRICAL

SEMESTER - VIII

**Time:- 02.00 PM To 4.30 PM**

| Day & Date | Paper Code | Subject |
|---|---|---|
| Monday<br>24-11-2025 | 403148 | Switchgear And Protection |
| Wednesday<br>26-11-2025 | 403149 | Advanced Electrical Drives & Control |
| Thursday<br>04-12-2025 | 403150 A | (ELECTIVE - V) Digital Control System |
| | 403150 B | (ELECTIVE - V) Restructuring And Deregulation |
| | 403150 C | (ELECTIVE - V) Smart Grid |
| | 403150 D | (ELECTIVE - V) Sensor Technology (Open Elective) |
| Monday<br>08-12-2025 | 403151 A | (ELECTIVE - VI) EHV AC Transmission |
| | 403151 B | (ELECTIVE - VI) Illumination Engineering |
| | 403151 C | (ELECTIVE - VI) Electromagnetic Fields |
| | 403151 D | (ELECTIVE - VI) AI and ML (Open Elective) |

SEMESTER - VII

**Time:- 02.00 PM To 4.30 PM**

| Day & Date | Paper Code | Subject |
|---|---|---|
| Friday<br>12-12-2025 | 403141 | Power System Operation & Control |
| Monday<br>15-12-2025 | 403142 | Advanced Control System |
| Friday<br>19-12-2025 | 403143 A | (ELECTIVE - III) PLC And SCADA |
| | 403143 B | (ELECTIVE - III) Power Quality Management |
| | 403143 C | (ELECTIVE - III) High Voltage Engineering |
| | 403143 D | (ELECTIVE - III) Robotics And Automation |
| Monday<br>22-12-2025 | 403144 A | (ELECTIVE - IV) Alternate Energy System |
| | 403144 B | (ELECTIVE - IV) Electrical & Hybrid Vehicle |
| | 403144 C | (ELECTIVE - IV) Special-Purpose Machines |
| | 403144 D | (ELECTIVE - IV) HVDC & FACTS |

# B.E. ELECTRONICS & TELECOMMUNICATION

SEMESTER - VIII

**Time:- 02.00 PM To 4.30 PM**

| Day & Date | Paper Code | Subject |
|---|---|---|
| Monday 24-11-2025 | 404190 | Fiber Optic Communication |
| Thursday 04-12-2025 | 404191 A | (ELECTIVE - V) Biomedical Signal Processing |
| | 404191 B | (ELECTIVE - V) Industrial Drives & Automation |
| | 404191 C | (ELECTIVE - V) Android Development * |
| | 404191 D | (ELECTIVE - V) Embedded System Design |
| | 404191 E | (ELECTIVE - V)Mobile Computing |
| Monday 08-12-2025 | 404192 A | (ELECTIVE - VI) System On Chip |
| | 404192 B | (ELECTIVE - VI) Nano Electronics |
| | 404192 C | (ELECTIVE - VI) Remote Sensing* |
| | 404192 D | (ELECTIVE - VI) Digital Marketing* |

SEMESTER - VII

**Time:- 02.00 PM To 4.30 PM**

| Day & Date | Paper Code | Subject |
|---|---|---|
| Friday 12-12-2025 | 404181 | Radiation & Microwave Theory |
| Monday 15-12-2025 | 404182 | VLSI Design And Technology |
| Wednesday 17-12-2025 | 404183 | Cloud Computing |
| Friday 19-12-2025 | 404184 A | (ELECTIVE - III) Speech Processing* |
| | 404184 B | (ELECTIVE - III) PLC SCADA & Automation |
| | 404184 C | (ELECTIVE - III) Java Script * |
| | 404184 D | (ELECTIVE - III) Embedded & RTOS |
| | 404184 E | (ELECTIVE - III) Modernized IOT |
| Monday 22-12-2025 | 404185 A | (ELECTIVE - IV) Data Mining |
| | 404185 B | (ELECTIVE - IV) Electronic Product Development |
| | 404185 C | (ELECTIVE - IV) Deep Learning |
| | 404185 D | (ELECTIVE - IV) Low Power CMOS* |
| | 404185 E | (ELECTIVE - IV) Smart Antennas* |

NOTE: * COMMON WITH ELECTRONICS

# B.E. MECHANICAL

SEMESTER - VIII

**Time:-02.00 PM To 4.30 PM**

| Day & Date | Paper Code | Subject |
|---|---|---|
| Monday 24-11-2025 | 402048 | Computer Integrated Manufacturing |
| Wednesday 26-11-2025 | 402049 | Energy Engineering |
| Thursday 04-12-2025 | 402050 A | (ELECTIVE - V) Quality And Reliability Engineering |
| | 402050 B | (ELECTIVE - V) Energy Audit And Management |
| | 402050 C | (ELECTIVE - V) Manufacturing Systems And Simulation |
| | 402050 D | (ELECTIVE - V) Engineering Economics And Financial Management |
| | 402050 E | (ELECTIVE - V) Organizational Informatics |
| | 402050 F | (ELECTIVE - V) Computational Multi Body Dynamics |
| Monday 08-12-2025 | 402051 A | (ELECTIVE - VI) Process Equipment Design |
| | 402051 B | (ELECTIVE - VI) Renewable Energy Technologies |
| | 402051 C | (ELECTIVE - VI) Automation And Robotics |
| | 402051 D | (ELECTIVE - VI) Industrial Psychology And Organizational Behavior |
| | 402051 E | (ELECTIVE - VI) Electrical And Hybrid Vehicle |

# B.E. MECHANICAL
SEMESTER - VII

**Time:- 02.00 PM To 4.30 PM**

| Day & Date | Paper Code | Subject |
|---|---|---|
| Friday 12-12-2025 | 402041 | Heating Ventilation Air-Conditioning And Refrigeration |
| Monday 15-12-2025 | 402042 | Dynamics Of Machinery |
| Wednesday 17-12-2025 | 402043 | Turbo Machinery * <br>**Time:-02.00 PM To 4.00 PM** |
| Friday 19-12-2025 | 402044 A | (ELECTIVE - III) Automobile Design |
| | 402044 B | (ELECTIVE - III) Design Of Heat Transfer Equipments |
| | 402044 C | (ELECTIVE - III) Modern Machining Processes |
| | 402044 D | (ELECTIVE - III) Industrial Engineering |
| | 402044 E | (ELECTIVE - III) Internet Of Things** |
| | 402044 F | (ELECTIVE - III) Computational Fluid Dynamics |
| Monday 22-12-2025 | 402045 A | (ELECTIVE - IV) Product Design And Development |
| | 402045 B | (ELECTIVE - IV) Experimental Methods In Thermal Engineering |
| | 402045 C | (ELECTIVE - IV) Additive Manufacturing |
| | 402045 D | (ELECTIVE - IV) Operations Research |
| | 402045 E | (ELECTIVE - IV) Augmented Reality And Virtual Reality |

NOTE: -
*PLEASE NOTE THE TIME
**COMMON WITH AUTOMOBILE ENGINEERING

# B.E. ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

SEMESTER - VIII

**Time:- 2.00 PM To 4.30 PM**

| Day & Date | Paper Code | Subject |
|---|---|---|
| Monday 24-11-2025 | 418550 | Natural Language Processing |
| Thursday 04-12-2025 | 418551 A | (Elective -V) Distributed System |
| | 418551 B | (Elective -V) Software Project and Management |
| | 418551 C | (Elective -V) Computer Vision |
| Monday 08-12-2025 | 418552 A | (Elective -VI) Reinforcement Learning |
| | 418552 B | (Elective -VI) Big data analytics |
| | 418552 C | (Elective -VI) AI using R programming |

SEMESTER - VII

**Time:-02.00 PM To 4.30 PM**

| Day & Date | Paper Code | Subject |
|---|---|---|
| Friday 12-12-2025 | 418541 | Information Retrieval in AI |
| Monday 15-12-2025 | 418542 | Cloud Computing |
| Wednesday 17-12-2025 | 418543 | Deep Learning for AI |
| Friday 19-12-2025 | 418544 A | (Elective -III) Quantum Computing |
| | 418544 B | (Elective -III) Block Chain |
| | 418544 C | (Elective -III) AI in Drones |
| Monday 22-12-2025 | 418545 A | (Elective -IV) Ethical Hacking and cyber forensics? |
| | 418545 B | (Elective -IV) Augmented Reality and Virtual Reality |
| | 418545 C | (Elective -IV) DevOps in Machine Learning |

# B.E. HONORS/MINORS

SEMESTER - VIII

**Time:- 02.00 PM To 4.30 PM**

| Day & Date | Paper Code | Subject |
|---|---|---|
| Wednesday 10-12-2025 | 401303 | Tunnel Engineering |
| | 401403 | Land Use And Land Cover |
| | 402016 | 3d Printing Applications & Entrepreneurship |
| | 402026 | Sustainable Energy Conversion Systems |
| | 402036 | E-Vehicle Standards, Charging & Safety |
| | 402046 | Systems Engineering Management |
| | 404183 | Artificial Intelligence In Robotics |
| | 404183 | Block Chain Solutions |
| | 408216 | Brand And Packaging Management |
| | 410303 | Soft Computing And Deep Learning |
| | 410403 | Information Systems Management |
| | 410503 | Artificial Intelligence For Big Data Analytics |
| | 410603 | Internet Of Things Security |
| | 410703 | Application Development Using Augmented Reality And Virtual Reality |

# B.E. HONORS/MINORS

SEMESTER - VII

**Time:- 02.00 PM To 4.30 PM**

| Day & Date | Paper Code | Subject |
|---|---|---|
| Wednesday 24-12-2025 | 401301 | Work Method Statement Making |
| | 401401 | Traffic And Transportation Planning |
| | 402014 | Additive Manufacturing System Design |
| | 402024 | Electrical Energy Systems |
| | 402034 | Modelling And Simulation Of EHV |
| | 402044 | System Modelling And Simulation |
| | 404181 | Industrial Robotics & Automation |
| | 404181 | Smart Contracts & Cryptocurrency |
| | 408214 | Sustainable Packaging |
| | 410301 | Machine Learning |
| | 410401 | Internet Of Things And Embedded Security |
| | 410501 | Machine Learning And Data Science |
| | 410601 | Machine Learning For Internet Of Things |
| | 410701 | Virtual Reality In Game Development |

Ganeshkhind, Pune – 411007.
**Ref. No./Exam/Coord/:833**
**Date: 07/11/2025**

**Director**
**Board of Examinations and Evaluation**