AIT/0323/CNO/Prin/2024                                    Date: 15 Mar 2024.

<div align="center">

**OFFICE OF PRINCIPAL**
**SPPU EXAMINATION ENDSEM MARCH-APRIL 2024**
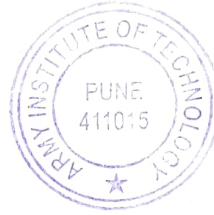**FINAL YEAR ENGINEERING (2019 PATTERN) (SEMESTER-II)**

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As per the SPPU Examination Circular No. 117 Of 2024, the examinations of ENDSEM for Final Year Engineering (2019 Pat, Semester -II) is scheduled from **08/05/2024 to 24/05/2024**. Instructions to students and time table are attached below for information. Students are also requested to check the updates on SPPU website regularly.

Dr. Ashwini Sapkal

Dr. Sharayu Lokhande
**Sr. Supervisior**

Dr. Renuka Bhandari
**CEO**

Dr. B.P.Patil
**Principal**
Principal

# SAVITRIBAI PHULE PUNE UNIVERSITY

### (Formerly University of Pune)

**EXAMINATION CIRCULAR NO.117 OF. 2024**

**BACHELOR OF ENGINEERING(2019 COURSE)**

**Examination of APR./MAY.-2024**

**(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. COMPUTER

## SEMESTER - VII

Time:- **2.00 PM. TO 4.30 PM.**

| Day & Date | Paper Code | Subject |
|---|---|---|
| Thursday 09/05/2024 | 410241 | Design and Analysis of Algorithms |
| Tuesday 14/05/2024 | 410242 | Machine Learning |
| Thursday 16/05/2024 | 410243 | Blockchain Technology |
| Saturday 18/05/2024 | 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 |
| Wednesday 22/05/2024 | 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 |

## SEMESTER - VIII

Time:- **2.00 PM. TO 4.30 PM.**

| Day & Date | Paper Code | Subject |
|---|---|---|
| Wednesday 08/05/2024 | 410250 | High Performance Computing |
| Saturday 11/05/2024 | 410251 | Deep Learning |
| Friday 17/05/2024 | 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 |
| Tuesday 21/05/2024 | 410253 A | (ELECTIVE - VI) Pattern Recognition |
| | 410253 B | (ELECTIVE - VI) Soft Computing |
| | 410253 C | (ELECTIVE - VI) Business Intelligence |
| | 410253 D | (ELECTIVE - VI) Quantum Computing |

# B.E. ELECTRONICS & TELECOMMUNICATION

### SEMESTER - VII

Time:-  2.00 PM. TO 4.30 PM.

| Day & Date | Paper Code | Subject |
|---|---|---|
| Thursday 09/05/2024 | 404181 | Radiation & Microwave Theory |
| Tuesday 14/05/2024 | 404182 | VLSI Design and Technology |
| Thursday 16/05/2024 | 404183 | Cloud Computing |
| Saturday 18/05/2024 | 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 |
| Wednesday 22/05/2024 | 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 |

### SEMESTER - VIII

Time:-  2.00 PM. TO 4.30 PM.

| Day & Date | Paper Code | Subject |
|---|---|---|
| Wednesday 08/05/2024 | 404190 | Fiber Optic Communication |
| Friday 17/05/2024 | 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 |
| Tuesday 21/05/2024 | 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 |

# B.E. INFORMATION TECHNOLOGY

SEMESTER - VII

Time:- 2.00 PM. TO 4.30 PM.

| Day & Date | Paper Code | Subject |
|---|---|---|
| Thursday 09/05/2024 | 414441 | Information and Storage Retrieval |
| Tuesday 14/05/2024 | 414442 | Software Project Management |
| Thursday 16/05/2024 | 414443 | Deep Learning |
| Saturday 18/05/2024 | 414444 A | (ELECTIVE - III) Mobile Computing |
| | 414444 B | (ELECTIVE - III) High Performance Computing |
| | 414444 C | (ELECTIVE - III) Multimedia Technology |
| | 414444 D | (ELECTIVE - III) Smart Computing |
| Wednesday 22/05/2024 | 414445 A | (ELECTIVE - IV) Bioinformatics |
| | 414445 B | (ELECTIVE - IV) Introduction to DevOps |
| | 414445 C | (ELECTIVE - IV) Computer Vision |
| | 414445 D | (ELECTIVE - IV) Wireless Communications |

SEMESTER - VIII

Time:- 2.00 PM. TO 4.30 PM.

| Day & Date | Paper Code | Subject |
|---|---|---|
| Wednesday 08/05/2024 | 414450 | Distributed Systems |
| Friday 17/05/2024 | 414451 A | (ELECTIVE - V) Software Defined Networks |
| | 414451 B | (ELECTIVE - V) Social Computing |
| | 414451 C | (ELECTIVE - V) Natural Language Processing |
| | 414451 D | (ELECTIVE - V) Soft Computing |
| | 414451 E | (ELECTIVE - V) Game Engineering |
| Tuesday 21/05/2024 | 414452 A | (ELECTIVE - VI) Ethical Hacking and Security |
| | 414452 B | (ELECTIVE - VI) Augmented and Virtual Reality |
| | 414452 C | (ELECTIVE - VI) Business Analytics and Intelligence |
| | 414452 D | (ELECTIVE - VI) Blockchain Technology |

# B.E. MECHANICAL

### SEMESTER - VIII

### Time:-  2.00 PM. TO 4.30 PM.

| Day & Date | Paper Code | Subject |
|---|---|---|
| Wednesday 08/05/2024 | 402048 | Computer Integrated Manufacturing |
| Saturday 11/05/2024 | 402049 | Energy Engineering |
| Friday 17/05/2024 | 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 |
| Tuesday 21/05/2024 | 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. HONORS/MINORS

SEMESTER - VII

Time:- **2.00 PM. TO 4.30 PM.**

| Day & Date | Paper Code | Subject |
|---|---|---|
| Saturday 25/05/2024 | 401301 | Work Method Statement Making |
| | 401401 | Traffic and Transportation Planning |
| | 402014 MJ | Additive Manufacturing System Design |
| | 402024 MJ | Electrical Energy Systems |
| | 302034 MJ | Modelling and Simulation of EHV |
| | 302044 MJ | System modelling and simulation |
| | 404181 HR | Industrial Robotics & Automation |
| | 404181 HBCT | 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 |

# B.E.  HONORS/MINORS

## SEMESTER - VIII

### Time:-  2.00 PM. TO 4.30 PM.

| Day & Date | Paper Code | Subject |
|---|---|---|
| Friday 24/05/2024 | 401303 | Tunnel Engineering |
| | 401403 | Land Use and Land Cover |
| | 402016 MJ | 3D Printing Applications & Entrepreneurship |
| | 402026 MJ | Sustainable Energy Conversion Systems |
| | 302036 MJ | e-Vehicle Standards, Charging & Safety |
| | 302046 MJ | Systems Engineering Management |
| | 404183 HR | Artificial Intelligence in Robotics |
| | 404183 HBCT | 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 |