



**ARMY INSTITUTE OF TECHNOLOGY**  
DIGHI HILLS, PUNE. 411015



## **SPPU EXAMINATION OF ENDSEM NOV/DEC -2024**

### **BACHELOR OF ENGINEERING (2019 PATTERN) (SEMESTER-I)**

As per the SPPU Examination Circular No. 212 of 2024 dated 22/10/2024, the examinations of ENDSEM for Bachelor of Engineering (2019 Pat, Semester -I) are scheduled from 27/11/2024 to 23/12/2024. Instructions to students and time table are attached below for information. Students are also requested to check the updates on SPPU website regularly.

**Dr Renuka Bhandari**  
College Examination Officer  
SPPU Examination  
AIT, Pune



**Dr. B.P. Patil**  
Principal  
Principal  
Army Institute of Technology  
Dighi Hills, Pune - 411015

Date: 23/10/2024



# ARMY INSTITUTE OF TECHNOLOGY

DIGHI HILLS, PUNE. 411015



## BACHELOR OF ENGINEERING (2019 COURSE)

Examination of Nov./Dec.-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.



# ARMY INSTITUTE OF TECHNOLOGY

DIGHI HILLS, PUNE. 411015



## B.E.COMPUTER

SEMESTER- VII

Time:- 2.00 PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 11/12/2024	410241	Design and Analysis of Algorithms
Friday 13/12/2024	410242	Machine Learning
Monday 16/12/2024	410243	Blockchain Technology
Wednesday 18/12/2024	410244A	(ELECTIVE-III) Pervasive Computing
	410244B	(ELECTIVE-III) Multimedia Techniques
	410244 C	(ELECTIVE-III) Cyber Security and Digital Forensics
	410244 D	(ELECTIVE-III) Object Oriented Modeling and Design
	410244E	(ELECTIVE-III) Digital Signal Processing
Friday 20/12/2024	410245A	(ELECTIVE-IV) Information Retrieval
	410245B	(ELECTIVE-IV) GPU Programming and Architecture
	410245 C	(ELECTIVE-IV) Mobile Computing
	410245 D	(ELECTIVE-IV) Software Testing and Quality Assurance
	410245E	(ELECTIVE-IV) Compilers

SEMESTER-VIII

Time:-2.00 PM.TO4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 27/11/2024	410250	High Performance Computing
Friday 29/11/2024	410251	Deep Learning
Wednesday 04/12/2024	410252A	(ELECTIVE-V) Natural Language Processing
	410252B	(ELECTIVE-V) Image Processing
	410252 C	(ELECTIVE-V) Software Defined Networks
	410252 D	(ELECTIVE-V) Advanced Digital Signal Processing
Friday 06/12/2024	410253A	(ELECTIVE-VI) Pattern Recognition
	410253B	(ELECTIVE-VI) Soft Computing
	410253 C	(ELECTIVE-VI) Business Intelligence
	410253 D	(ELECTIVE-VI) Quantum Computing



# ARMY INSTITUTE OF TECHNOLOGY

DIGHI HILLS, PUNE. 411015



## B.E. ELECTRONICS & TELECOMMUNICATION

SEMESTER-VII

Time:- 2.00 PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 11/12/2024	404181	Radiation & Microwave Theory
Friday 13/12/2024	404182	VLSI Design and Technology
Monday 16/12/2024	404183	Cloud Computing
Wednesday 18/12/2024	404184A	(ELECTIVE-III) Speech Processing
	404184B	(ELECTIVE-III) PLC SCADA & Automation
	404184 C	(ELECTIVE-III) JAVA Script
	404184 D	(ELECTIVE-III) Embedded & RTOS
	404184E	(ELECTIVE-III) Modernized IoT
Friday 20/12/2024	404185A	(ELECTIVE-IV) Data Mining
	404185B	(ELECTIVE-IV) Electronic Product Development
	404185 C	(ELECTIVE-IV) Deep Learning
	404185 D	(ELECTIVE-IV) Low Power CMOS
	404185E	(ELECTIVE-IV) Smart Antennas

SEMESTER-VIII

Time:- 2.00 PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 27/11/2024	404190	Fiber Optic Communication
Wednesday 04/12/2024	404191A	(ELECTIVE-V) Biomedical Signal Processing
	404191B	(ELECTIVE-V) Industrial Drives & Automation
	404191 C	(ELECTIVE-V) Android Development
	404191 D	(ELECTIVE-V) Embedded System Design
	404191E	(ELECTIVE-V) Mobile Computing
Friday 06/12/2024	404192A	(ELECTIVE-VI) System on Chip
	404192B	(ELECTIVE-VI) Nano Electronics
	404192 C	(ELECTIVE-VI) Remote Sensing
	404192 D	(ELECTIVE-VI) Digital Marketing



# ARMY INSTITUTE OF TECHNOLOGY

DIGHI HILLS, PUNE. 411015



## B.E. INFORMATION TECHNOLOGY

SEMESTER-VII

Time:- 2.00 PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 11/12/2024	414441	Information and Storage Retrieval
Friday 13/12/2024	414442	Software Project Management
Monday 16/12/2024	414443	Deep Learning
Wednesday 18/12/2024	414444A	(ELECTIVE-III) Mobile Computing
	414444B	(ELECTIVE-III) High Performance Computing
	414444 C	(ELECTIVE-III) Multimedia Technology
	414444 D	(ELECTIVE-III) Smart Computing
Friday 20/12/2024	414445A	(ELECTIVE-IV) Bioinformatics
	414445B	(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 27/11/2024	414450	Distributed Systems
Wednesday 04/12/2024	414451A	(ELECTIVE-V) Software Defined Networks
	414451B	(ELECTIVE-V) Social Computing
	414451 C	(ELECTIVE-V) Natural Language Processing
	414451 D	(ELECTIVE-V) Soft Computing
	414451E	(ELECTIVE-V) Game Engineering
Friday 06/12/2024	414452A	(ELECTIVE-VI) Ethical Hacking and Security
	414452B	(ELECTIVE-VI) Augmented and Virtual Reality
	414452 C	(ELECTIVE-VI) Business Analytics and Intelligence
	414452 D	(ELECTIVE-VI) Blockchain Technology



# ARMY INSTITUTE OF TECHNOLOGY

DIGHI HILLS, PUNE. 411015



## B.E. MECHANICAL

SEMESTER- VII

Time:- 2.00 PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 11/12/2024	402041	Heating Ventilation Air-Conditioning and Refrigeration
Friday 13/12/2024	402042	Dynamics of Machinery
Monday 16/12/2024	402043	Turbo machinery*Time:- 2.00PM.TO 4.00 PM
Wednesday 18/12/2024	402044A	(ELECTIVE-III) Automobile Design
	402044B	(ELECTIVE-III) Design of Heat Transfer Equipments
	402044 C	(ELECTIVE-III) Modern Machining Processes
	402044 D	(ELECTIVE-III) Industrial Engineering
	402044E	(ELECTIVE-III) Internet of Things
	402044 F	(ELECTIVE-III) Computational Fluid Dynamics
Friday 20/12/2024	402045A	(ELECTIVE-IV) Product Design and Development
	402045B	(ELECTIVE-IV) Experimental Methods in Thermal Engineering
	402045 C	(ELECTIVE-IV) Additive Manufacturing
	402045 D	(ELECTIVE-IV) Operations Research
	402045E	(ELECTIVE-IV) Augmented Reality and Virtual Reality

NOTE:-\*PLEASE NOTE THE TIME



# ARMY INSTITUTE OF TECHNOLOGY

DIGHI HILLS, PUNE. 411015



## B.E. MECHANICAL

SEMESTER-VIII

Time:- 2.00 PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 27/11/2024	402048	Computer Integrated Manufacturing
Friday 29/11/2024	402049	Energy Engineering
Wednesday 04/12/2024	402050A	(ELECTIVE-V) Quality and Reliability Engineering
	402050B	(ELECTIVE-V) Energy Audit and Management
	402050 C	(ELECTIVE-V) Manufacturing Systems and Simulation
	402050 D	(ELECTIVE-V)Engineering Economics and Financial Management
	402050E	(ELECTIVE-V) Organizational Informatics
	402050 F	(ELECTIVE-V) Computational Multi Body Dynamics
Friday 06/12/2024	402051A	(ELECTIVE-VI) Process Equipment Design
	402051B	(ELECTIVE-VI) Renewable Energy Technologies
	402051 C	(ELECTIVE-VI) Automation and Robotics
	402051 D	(ELECTIVE-VI) Industrial Psychology and Organizational Behavior
	402051E	(ELECTIVE-VI) Electrical and Hybrid Vehicle



# ARMY INSTITUTE OF TECHNOLOGY

DIGHI HILLS, PUNE. 411015



## B.E. HONORS/MINORS

SEMESTER- VII

Time:- 2.00 PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Monday 23/12/2024	401301	Work Method Statement Making
	401401	Traffic and Transportation Planning
	402014MJ	Additive Manufacturing System Design
	402024MJ	Electrical Energy Systems
	302034MJ	Modelling and Simulation of EHV
	302044MJ	System modeling and simulation
	404181HR	Industrial Robotics & Automation
	404181HBCT	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 Realityin Game Development





# ARMY INSTITUTE OF TECHNOLOGY

DIGHI HILLS, PUNE. 411015



## B.E.HONORS/MINORS

SEMESTER-VIII

Time:- 2.00PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Monday 09/12/2024	401303	Tunnel Engineering
	401403	Land Use and Land Cover
	402016MJ	3D Printing Applications & Entrepreneurship
	402026MJ	Sustainable Energy Conversion Systems
	302036MJ	e-Vehicle Standards, Charging & Safety
	302046MJ	Systems Engineering Management
	404183HR	Artificial Intelligence in Robotics
	404183HBCT	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