

SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)



EXAMINATION CIRCULAR NO. 120 OF. 2023

SECOND YEAR ENGINEERING (2019 PATTERN) INSEM-EXAMINATION TIME TABLE MARCH/APRIL - 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.

ELECTRONICS / ELECTRONICS & TELECOMMUNICATIN

SEMESTER - II

Time:-03.30 PM To 04.30 PM

Day & Date	Paper Code	Subject
Monday 03-04-2023	204191	Signals & Systems *
Wednesday 05-04-2023	204192	Control Systems
Thursday 06-04-2023	204193	Principles of Communication Systems *
Saturday 08-04-2023	204194	Object Oriented Programming *

* Common with Electronics

COMPUTER

SEMESTER - II

Time:-03.30 PM To 04.30 PM

Day & Date	Paper Code	Subject
Monday 03-04-2023	207003	Engineering Mathematics III #
Wednesday 05-04-2023	210252	Data Structures and Algorithms *
Thursday 06-04-2023	210253	Software Engineering *
Saturday 08-04-2023	210254	Microprocessor
Monday 10-04-2023	210255	Principles of Programming Languages

* Common with ARTIFICIAL INTELLIGENCE & DATA SCIENCE

INFORMATION TECHNOLOGY

SEMESTER - II

Time:-03.30 PM To 04.30 PM

Day & Date	Paper Code	Subject
Monday 03-04-2023	207003	Engineering Mathematics-III #
Wednesday 05-04-2023	214451	Processor Architecture
Thursday 06-04-2023	214452	Database Management System
Saturday 08-04-2023	214453	Computer Graphics
Monday 10-04-2023	214454	Software Engineering

Common with Computer

INFORMATION TECHNOLOGY

SAVITRIBAI PHULE PUNE UNIVERSITY

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EXAMINATION CIRCULAR NO. 119 OF. 2023

THIRD YEAR ENGINEERING (2019 PATTERN)

INSEM-EXAMINATION TIME TABLE MARCH/APRIL-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.

COMPUTER

SEM-II

Day & Date	2019 Course Time : 12:30 PM To 01:30 PM
Monday 03-04-2023	Data Science and Big Data Analytics (310251)
Wednesday 05-04-2023	Web Technology (310252)
Thursday 06-04-2023	Artificial Intelligence (310253)
Saturday 08-04-2023	ELECTIVE-II Information Security (310254 A)
	ELECTIVE-II Augmented and Virtual Reality (310254 B)
	ELECTIVE-II Cloud Computing (310254 C)
	ELECTIVE-II Software Modeling and Architectures (310254 D)

ELECTRONICS & TELECOMMUNICATION

SEM-II

Day & Date	2019 Course Time : 12:30 PM To 01:30 PM
Monday 03-04-2023	Cellular Networks (304192)
Wednesday 05-04-2023	Project Management (304193)
Thursday 06-04-2023	Power Devices & Circuits (304194)
Saturday 08-04-2023	ELECTIVE-II Digital Image Processing (304195)
	ELECTIVE-II Sensors in Automation (304195)
	ELECTIVE-II Advanced JAVA Programming (304195) *
	ELECTIVE-II Embedded Processors (304195)
	ELECTIVE-II Network Security (304195)
Note :- * Common with Electronics	

INFORMATION TECHNOLOGY

SEM-II

Day & Date	2019 Course Time : 12:30 PM To 01:30 PM
Monday 03-04-2023	Computer Networks & Security (314451)
Wednesday 05-04-2023	Data Science and Big Data Analytics (314452)
Thursday 06-04-2023	Web Application Development (314464A)
Saturday 08-04-2023	ELECTIVE-II Artificial Intelligence (314454 A)
	ELECTIVE-II Cyber Security (314454 B)
	ELECTIVE-II Cloud Computing (314454 C)
	ELECTIVE-II Software Modeling and Design (314454 D)

SAVITRIBAI PHULE PUNE UNIVERSITY

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EXAMINATION CIRCULAR NO.121 OF. 2023

BACHELOR OF ENGINEERING (2019 PATTERN)

Examination of INSEM MARCH/APRIL-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.
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- Candidates are requested to note the Day, Date and Time of Paper.
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- 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 ENGINEERING

SEM-VIII

TIME: 09.30 AM TO 10.30 AM.

DAY & DATE	SUBJECT NAME	SUBJECT CODE
Monday, 03/04/2023	High Performance Computing	410250
Wednesday, 05/04/2023	Deep Learning	410251
Thursday, 06/04/2023	(ELECTIVE - V) Natural Language Processing	410252 A
	(ELECTIVE - V) Image Processing	410252 B
	(ELECTIVE - V) Software Defined Networks	410252 C
	(ELECTIVE - V) Advanced Digital Signal Processing	410252 D
Saturday, 08/04/2023	(ELECTIVE - VI) Pattern Recognition	410253 A
	(ELECTIVE - VI) Soft Computing	410253 B
	(ELECTIVE - VI) Business Intelligence	410253 C
	(ELECTIVE - VI) Quantum Computing	410253 D

B.E. ELECTRONICS & TELECOMMUNICATION ENGINEERING

SEM-VIII

TIME: 09.30 AM TO 10.30 AM.

DAY & DATE	SUBJECT NAME	SUBJECT CODE
Monday, 03/04/2023	Fiber Optic Communication	404190
Thursday, 06/04/2023	(ELECTIVE - V) Biomedical Signal Processing	404191 A
	(ELECTIVE - V) Industrial Drives & Automation	404191 B
	(ELECTIVE - V) Android Development	404191 C
	(ELECTIVE - V) Embedded System Design	404191 D
	(ELECTIVE - V) Mobile Computing	404191 E
Saturday, 08/04/2023	(ELECTIVE - VI) System on Chip	404192 A
	(ELECTIVE - VI) Nano Electronics	404192 B
	(ELECTIVE - VI) Remote Sensing	404192 C
	(ELECTIVE - VI) Digital Marketing	404192 D

B.E. INFORMATION TECHNOLOGY

SEM-VIII

TIME: 09.30 AM TO 10.30 AM.

DAY & DATE	SUBJECT NAME	SUBJECT CODE
Monday, 03/04/2023	Distributed Systems	414450
Thursday, 06/04/2023	(ELECTIVE - V) Software Defined Networks	414451 A
	(ELECTIVE - V) Social Computing	414451 B
	(ELECTIVE - V) Natural Language Processing	414451 C
	(ELECTIVE - V) Soft Computing	414451 D
	(ELECTIVE - V) Game Engineering	414451 E
Saturday, 08/04/2023	(ELECTIVE - VI) Ethical Hacking and Security	414452 A
	(ELECTIVE - VI) Augmented and Virtual Reality	414452 B
	(ELECTIVE - VI) Business Analytics and Intelligence	414452 C
	(ELECTIVE - VI) Blockchain Technology	414452 D

SAVITRIBAI PHULE PUNE UNIVERSITY

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EXAMINATION CIRCULAR NO. 210 OF. 2023

SECOND YEAR ENGINEERING (2019 PATTERN) END SEM-EXAMINATION TIMETABLE MARCH/APRIL - 2023

(Under Faculty of SCIENCE AND TECHNOLOGY: B) ENGINEERING)

INSTRUCTIONS FOR CANDIDATES

1. Candidates are required to be present at the examination centre, THIRTY MINUTES before the stipulated time.
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5. Candidates are requested to note the Day, Date and Time of Paper.
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9. The written examination will be conducted in the following order.

ELECTRONICS / ELECTRONICS & TELECOMMUNICATIN

SEMESTER - III

Time:-11.00 AM To 01.30 PM

Day & Date	Paper Code	Subject
Monday 12-06-2023	207005	Engineering Mathematics III *
Wednesday 14-06-2023	204181	Electronic Circuits
Friday 16-06-2023	204182	Digital Circuits*
Monday 19-06-2023	204183	Electrical Circuits
Tuesday 20-06-2023	204184	Data structures

ELECTRONICS / ELECTRONICS & TELECOMMUNICATIN

SEMESTER - IV

Time:-11.00 AM To 01.30 PM

Day & Date	Paper Code	Subject
Thursday 22-06-2023	204191	Signals & Systems *
Saturday 24-06-2023	204192	Control Systems
Tuesday 27-06-2023	204193	Principles of Communication Systems *
Thursday 29-06-2023	204194	Object Oriented Programming *

* Common with Electronics & Computer

COMPUTER

SEMESTER - III

Time:-11.00 AM To 01.30 PM

Day & Date	Paper Code	Subject
Monday 12-06-2023	210241	Discrete Mathematics #
Wednesday 14-06-2023	210242	Fundamentals of Data Structures #
Friday 16-06-2023	210243	Object Oriented Programming (OOP) #
Monday 19-06-2023	210244	Computer Graphics #
Tuesday 20-06-2023	210245	Digital Electronics and Logic Design

COMPUTER

SEMESTER - IV

Time:-11.00 AM To 01.30 PM

Day & Date	Paper Code	Subject
Thursday 22-06-2023	207003	Engineering Mathematics III *
Saturday 24-06-2023	210252	Data Structures and Algorithms #
Tuesday 27-06-2023	210253	Software Engineering #
Thursday 29-06-2023	210254	Microprocessor
Saturday 01-07-2023	210255	Principles of Programming Languages

Common with ARTIFICIAL INTELLIGENCE & DATA SCIENCE

* Common with Information Technology

INFORMATION TECHNOLOGY

SEMESTER - III

Time:-11.00 AM To 01.30 PM

Day & Date	Paper Code	Subject
Monday 12-06-2023	214441	Discrete Mathematics
Wednesday 14-06-2023	214442	Logic Design and Computer Organization
Friday 16-06-2023	214443	Data Structures and Algorithms
Monday 19-06-2023	214444	Object Oriented Programming
Tuesday 20-06-2023	214445	Basic of Computer Network

INFORMATION TECHNOLOGY

SEMESTER - IV

Time:-11.00 AM To 01.30 PM

Day & Date	Paper Code	Subject
Thursday 22-06-2023	207003	Engineering Mathematics-III *
Saturday 24-06-2023	214451	Processor Architecture
Tuesday 27-06-2023	214452	Database Management System
Thursday 29-06-2023	214453	Computer Graphics
Saturday 01-07-2023	214454	Software Engineering

* Common with Computer

SAVITRIBAI PHULE PUNE UNIVERSITY

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EXAMINATION CIRCULAR NO. 192 OF. 2023

THIRD YEAR ENGINEERING (2019 PATTERN)

End Sem Examination of April/May - 2023

(Under Faculty of SCIENCE AND TECHNOLOGY: B)ENGINEERING)

INSTRUCTIONS FOR CANDIDATES

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The written examination will be conducted in the following order.

COMPUTER

SEM-II

Day & Date	2019 Course Time : 11:00 AM To 01:30 PM
Wednesday 21-06-2023	Data Science and Big Data Analytics (310251)
Friday 23-06-2023	Web Technology (310252)
Monday 26-06-2023	Artificial Intelligence (310253)
Friday 30/06/2023	ELECTIVE-II Information Security (310254 A)
	ELECTIVE-II Augmented and Virtual Reality (310254 B)
	ELECTIVE-II Cloud Computing (310254 C) *
	ELECTIVE-II Software Modeling and Architectures (310254 D) *

SEM-I

Day & Date	2019 Course Time : 11:00 AM To 01:30 PM
Tuesday 06-06-2023	Database Management Systems (310241) *
Thursday 08-06-2023	Theory of Computation (310242)
Saturday 10-06-2023	Systems Programming and Operating System (310243)
Tuesday 13-06-2023	Computer Networks and Security (310244)
Thursday 15-06-2023	ELECTIVE-I Internet of Things and Embedded Systems (310245 A)
	ELECTIVE-I Human Computer Interface (310245 B)
	ELECTIVE-I Distributed Systems (310245 C)
	ELECTIVE-I Software Project Management (310245 D)

Note :- * Common with A.I.D.S.

ELECTRONICS & TELECOMMUNICATION

SEM-II

Day & Date	2019 Course Time : 11:00 AM To 01:30 PM
Wednesday 21-06-2023	Cellular Networks (304192)
Friday 23-06-2023	Project Management (304193)
Monday 26-06-2023	Power Devices & Circuits (304194)
Friday 30/06/2023	ELECTIVE-II Digital Image Processing (304195)
	ELECTIVE-II Sensors in Automation (304195)
	ELECTIVE-II Advanced JAVA Programming (304195) *
	ELECTIVE-II Embedded Processors (304195)
	ELECTIVE-II Network Security (304195)
Note :- * Common with Electronics	

SEM-I

Day & Date	2019 Course Time : 11:00 AM To 01:30 PM
Tuesday 06-06-2023	Digital Communication (304181)
Thursday 08-06-2023	Electromagnetic Field Theory (304182)
Saturday 10-06-2023	Database Management (304183) *
Tuesday 13-06-2023	Microcontrollers (304184)
Thursday 15-06-2023	ELECTIVE-I Digital Signal Processing (304185)
	ELECTIVE-I Electronic Measurements (304185)
	ELECTIVE-I Fundamentals of JAVA Programming (304185) *
	ELECTIVE-I Computer Networks (304185)
Note :- * Common with Electronics	

INFORMATION TECHNOLOGY

SEM-II

Day & Date	2019 Course Time : 11:00 AM To 01:30 PM
Wednesday 21-06-2023	Computer Networks & Security (314451)
Friday 23-06-2023	Data Science and Big Data Analytics (314452)
Monday 26-06-2023	Web Application Development (414464A)
Friday 30/06/2023	ELECTIVE-II Artificial Intelligence (314454 A)
	ELECTIVE-II Cyber Security (314454 B)
	ELECTIVE-II Cloud Computing (314454 C)
	ELECTIVE-II Software Modeling and Design (314454 D)

SEM-I

Day & Date	2019 Course Time : 11:00 AM To 01:30 PM
Tuesday 06-06-2023	Theory of Computation (314441)
Thursday 08-06-2023	Operating Systems (314442)
Saturday 10-06-2023	Machine Learning (314443)
Tuesday 13-06-2023	Human Computer Interaction (314444)
Thursday 15-06-2023	ELECTIVE-I Design and Analysis of Algorithm (314445 A)
	ELECTIVE-I Advanced Database and Management System (314445 B)
	ELECTIVE-I Design Thinking (314445 C)
	ELECTIVE-I Internet of Things (314445 D)

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EXAMINATION CIRCULAR NO.191 OF. 2023

BACHELOR OF ENGINEERING (2019 COURSE)

Examination of APRIL/MAY-2023

(Under Faculty of SCIENCE AND TECHNOLOGY: B)ENGINEERING)

INSTRUCTIONS FOR CANDIDATES

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B.E. COMPUTER

SEMESTER - VII

Time:- 3.00 PM. TO 5.30 PM.

Day & Date	Paper Code	Subject
Wednesday 21-06-2023	410241	Design and Analysis of Algorithms
Thursday 22-06-2023	410242	Machine Learning
Friday 23-06-2023	410243	Blockchain Technology
Saturday 24-06-2023	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 26-06-2023	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:- 3.00 PM. TO 5.30 PM.

Day & Date	Paper Code	Subject
Wednesday 07-06-2023	410250	High Performance Computing
Friday 09-06-2023	410251	Deep Learning
Wednesday 14-06-2023	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
Friday 16-06-2023	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:- 3.00 PM. TO 5.30 PM.

Day & Date	Paper Code	Subject
Wednesday 21-06-2023	404181	Radiation & Microwave Theory
Thursday 22-06-2023	404182	VLSI Design and Technology
Friday 23-06-2023	404183	Cloud Computing
Saturday 24-06-2023	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 26-06-2023	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:- 3.00 PM. TO 5.30 PM.

Day & Date	Paper Code	Subject
Wednesday 07-06-2023	404190	Fiber Optic Communication
Wednesday 14-06-2023	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
Friday 16-06-2023	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:- 3.00 PM. TO 5.30 PM.

Day & Date	Paper Code	Subject
Wednesday 21-06-2023	414441	Information and Storage Retrieval
Thursday 22-06-2023	414442	Software Project Management
Friday 23-06-2023	414443	Deep Learning
Saturday 24-06-2023	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
Monday 26-06-2023	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:- 3.00 PM. TO 5.30 PM.

Day & Date	Paper Code	Subject
Wednesday 07-06-2023	414450	Distributed Systems
Wednesday 14-06-2023	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
Friday 16-06-2023	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