

# **SAVITRIBAI PHULE PUNE UNIVERSITY**

**(Formerly University of Pune)**



**EXAMINATION CIRCULAR NO.261 OF. 2022**  
**THIRD YEAR ENGINEERING (2015 COURSE)**

**Examination of NOV/DEC-2022**

**(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.

**AUTOMOBILE**

**SEM-II**

	2015 Course TIME-10.00 AM To 12.30 PM
Day & Date	Subject
Tuesday 27/12/2022	AUTOMOTIVE AERODYNAMICS AND BODY ENGINEERING (316486)
Wednesday 28/12/2022	* NUMERICAL METHODS AND OPTIMIZATION (302047)
Thursday 29/12/2022	* MANUFACTURING PROCESS-II (302051)
Friday 30/12/2022	# DESIGN OF ENGINE COMPONENTS (316484) 10.00 AM To 01.00 PM
Saturday 31/12/2022	AUTOMOTIVE TRANSMISSION (316485)

**SEM-I**

	2015 Course TIME-10.00 AM To 12.30 PM
Day & Date	Subject
Monday 02/01/2023	# DESIGN OF MACHINE ELEMENTS (316481) 10.00 AM To 01.00 PM
Tuesday 03/01/2023	* HEAT TRANSFER (302042)
Wednesday 04/01/2023	* THEORY OF MACHINES-II (302043)
Thursday 05/01/2023	AUTOMOTIVE ELECTRICAL AND ELECTRONICS (316482)
Friday 06/01/2023	* METROLOGY AND QUALITY CONTROL (302045)

# Please note the timing

\* Common with Mechanical

**CHEMICAL**

**SEM-II**

	<b>2015 Course TIME-10.00 AM To 12.30 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Tuesday 27/12/2022	CHEMICAL REACTION ENGINEERING I (309348)
Wednesday 28/12/2022	TRANSPORT PHENOMENA (309349)
Thursday 29/12/2022	CHEMICAL ENGINEERING DESIGN I (309350)
Friday 30/12/2022	MASS TRANSFER II (309351)
Saturday 31/12/2022	PROCESS INSTRUMENTATION AND CONTROL (309352)

**SEM-I**

	<b>2015 Course TIME-10.00 AM To 12.30 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Monday 02/01/2023	CHEMICAL ENGINEERING MATHEMATICS (309341)
Tuesday 03/01/2023	MASS TRANSFER I (309342)
Wednesday 04/01/2023	INDUSTRIAL ORGANIZATION AND MANAGEMENT (309343)
Thursday 05/01/2023	CHEMICAL PROCESS TECHNOLOGY (309344)
Friday 06/01/2023	CHEMICAL ENGINEERING THERMODYNAMICS II (309345)

**CIVIL  
SEM-II**

	<b>2015 Course TIME-10.00 AM To 12.30 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Tuesday 27/12/2022	ADVANCED SURVEYING (301007)
Wednesday 28/12/2022	PROJECT MANAGEMENT AND ENGINEERING ECONOMICS (301008)
Thursday 29/12/2022	FOUNDATION ENGINEERING (301009)
Friday 30/12/2022	# STRUCTURAL DESIGN-II (301010) <b>10.00 AM To 01.00 PM</b>
Saturday 31/12/2022	ENVIRONMENTAL ENGINEERING-I (301011)

**SEM-I**

	<b>2015 Course TIME-10.00 AM To 12.30 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Monday 02/01/2023	HYDROLOGY AND WATER RESOURCE ENGINEERING. (301001)
Tuesday 03/01/2023	INFRASTRUCTURE ENGINEERING AND CONSTRUCTION TECHNIQUES (301002)
Wednesday 04/01/2023	# STRUCTURAL DESIGN-I (301003) <b>10.00 AM To 01.00 PM</b>
Thursday 05/01/2023	STRUCTURAL ANALYSIS-II (301004)
Friday 06/01/2023	FLUID MECHANICS-II (301005)

**# Please note the timing**

**COMPUTER**

**SEM-II**

	<b>2015 Course TIME-10.00 AM To 12.30 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Tuesday 27/12/2022	DESIGN AND ANALYSIS OF ALGORITHMS (310250)
Wednesday 28/12/2022	SYSTEMS PROGRAMMING AND OPERATING SYSTEM (SP AND OS) (310251)
Thursday 29/12/2022	EMBEDDED SYSTEMS AND INTERNET OF THINGS (ES AND IOT) (310252)
Friday 30/12/2022	SOFTWARE MODELING AND DESIGN (310253)
Saturday 31/12/2022	WEB TECHNOLOGY (310254)

**SEM-I**

	<b>2015 Course TIME-10.00 AM To 12.30 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Monday 02/01/2023	THEORY OF COMPUTATION (310241)
Tuesday 03/01/2023	DATABASE MANAGEMENT SYSTEMS (DBMS) (310242)
Wednesday 04/01/2023	SOFTWARE ENGINEERING AND PROJECT MANAGEMENT (310243)
Thursday 05/01/2023	INFORMATION SYSTEMS AND ENGINEERING ECONOMICS (310244)
Friday 06/01/2023	COMPUTER NETWORKS (CN) (310245)

**ELECTRICAL**

**SEM-II**

	<b>2015 Course TIME-10.00 AM To 12.30 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Tuesday 27/12/2022	POWER SYSTEM II (303146)
Wednesday 28/12/2022	CONTROL SYSTEM I (303147)
Thursday 29/12/2022	UTILIZATION OF ELECTRICAL ENERGY (303148)
Friday 30/12/2022	DESIGN OF ELECTRICAL MACHINES (303149)
Saturday 31/12/2022	ENERGY AUDIT AND MANAGEMENT (303150)

**SEM-I**

	<b>2015 Course TIME-10.00 AM To 12.30 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Monday 02/01/2023	INDUSTRIAL AND TECHNOLOGY MANAGEMENT (311121)
Tuesday 03/01/2023	ADVANCE MICROCONTROLLER AND ITS APPLICATIONS (303141)
Wednesday 04/01/2023	ELECTRICAL MACHINES II (303142)
Thursday 05/01/2023	POWER ELECTRONICS (303143)
Friday 06/01/2023	ELECTRICAL INSTALLATION, MAINTENANCE AND TESTING (303144)

**ELECTRONICS**

**SEM-II**

	<b>2015 Course TIME-10.00 AM To 12.30 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Tuesday 27/12/2022	DSP AND APPLICATIONS (304206)
Wednesday 28/12/2022	EMBEDDED PROCESSORS (304207)
Thursday 29/12/2022	BUSINESS MANAGEMENT AND ORGANIZATION (304208)
Friday 30/12/2022	FUNDAMENTALS OF HDL (304209)
Saturday 31/12/2022	PLC AND APPLICATIONS (304210)

**SEM-I**

	<b>2015 Course TIME-10.00 AM To 12.30 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Monday 02/01/2023	POWER ELECTRONICS AND APPLICATIONS (304201)
Tuesday 03/01/2023	INSTRUMENTATION SYSTEMS (304202)
Wednesday 04/01/2023	ELECTROMAGNETICS AND WAVE PROPAGATION (304203)
Thursday 05/01/2023	MICROCONTROLLERS AND APPLICATIONS (304204)
Friday 06/01/2023	DATA COMMUNICATION (304205)

**ELECTRONICS & TELECOMMUNICATION**

**SEM-II**

	<b>2015 Course TIME-10.00 AM To 12.30 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Tuesday 27/12/2022	POWER ELECTRONICS (304186)
Wednesday 28/12/2022	INFORMATION THEORY, CODING AND COMMUNICATION NETWORKS (304187)
Thursday 29/12/2022	BUSINESS MANAGEMENT (304188)
Friday 30/12/2022	ADVANCED PROCESSORS (306189)
Saturday 31/12/2022	SYSTEM PROGRAMMING AND OPERATING SYSTEMS (304190)

**SEM-I**

	<b>2015 Course TIME-10.00 AM To 12.30 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Monday 02/01/2023	DIGITAL COMMUNICATION (304181)
Tuesday 03/01/2023	DIGITAL SIGNAL PROCESSING (304182)
Wednesday 04/01/2023	ELECTROMAGNETICS (304183)
Thursday 05/01/2023	MICROCONTROLLERS (304184)
Friday 06/01/2023	MECHATRONICS (304185)



**INFORMATION TECHNOLOGY**

**SEM-II**

	<b>2015 Course TIME-10.00 AM To 12.30 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Tuesday 27/12/2022	COMPUTER NETWORK TECHNOLOGY (314450)
Wednesday 28/12/2022	SYSTEMS PROGRAMMING (314451)
Thursday 29/12/2022	DESIGN AND ANALYSIS OF ALGORITHMS (314452)
Friday 30/12/2022	CLOUD COMPUTING (314453)
Saturday 31/12/2022	DATA SCIENCE AND BIG DATA ANALYTICS (314454)

**SEM-I**

	<b>2015 Course TIME-10.00 AM To 12.30 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Monday 02/01/2023	THEORY OF COMPUTATION (314441)
Tuesday 03/01/2023	DATABASE MANAGEMENT SYSTEMS (314442)
Wednesday 04/01/2023	SOFTWARE ENGINEERING AND PROJECT MANAGEMENT (314443)
Thursday 05/01/2023	OPERATING SYSTEM (314444)
Friday 06/01/2023	HUMAN-COMPUTER INTERACTION (314445)

**INSTRUMENTATION & CONTROL**

**SEM-II**

	<b>2015 Course TIME-10.00 AM To 12.30 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Tuesday 27/12/2022	DIGITAL SIGNAL PROCESSING (306268)
Wednesday 28/12/2022	PROCESS LOOP COMPONENTS (306269)
Thursday 29/12/2022	UNIT OPERATIONS AND POWER PLANT INSTRUMENTATION (306270)
Friday 30/12/2022	INSTRUMENT AND SYSTEM DESIGN (306271)
Saturday 31/12/2022	BIO- MEDICAL INSTRUMENTATION (306272)

**SEM-I**

	<b>2015 Course TIME-10.00 AM To 12.30 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Monday 02/01/2023	EMBEDDED SYSTEM DESIGN (306261)
Tuesday 03/01/2023	INSTRUMENTAL METHODS FOR CHEMICAL ANALYSIS (306262)
Wednesday 04/01/2023	CONTROL SYSTEM COMPONENTS (306263)
Thursday 05/01/2023	CONTROL SYSTEM DESIGN (306264)
Friday 06/01/2023	INDUSTRIAL ORGANISATION AND MANAGEMENT (306265)

**MECHANICAL**

**SEM-II**

	2015 Course TIME-10.00 AM To 12.30 PM
Day & Date	Subject
Tuesday 27/12/2022	REFRIGERATION AND AIR CONDITIONING (302049)
Wednesday 28/12/2022	* NUMERICAL METHODS AND OPTIMIZATION (302047)
Thursday 29/12/2022	* MANUFACTURING - PROCESS-II (302051)
Friday 30/12/2022	# DESIGN OF MACHINE ELEMENTS-II (302048) 10.00 AM To 01.00 PM
Saturday 31/12/2022	** MECHATRONICS (302050)

**SEM-I**

	2015 Course TIME-10.00 AM To 12.30 PM
Day & Date	Subject
Monday 02/01/2023	# DESIGN OF MACHINE ELEMENTS-I (302041) 10.00 AM To 01.00 PM
Tuesday 03/01/2023	* HEAT TRANSFER (302042)
Wednesday 04/01/2023	* THEORY OF MACHINES-II (302043)
Thursday 05/01/2023	TURBO MACHINES (302044)
Friday 06/01/2023	* METROLOGY AND QUALITY CONTROL (302045)

# Please note the timing

\* Common with Automobile

\*\* Common with Mechanical - Sandwich only

**MECHANICAL-SANDWICH**

**SEM-II**

	<b>2015 Course TIME-10.00 AM To 12.30 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Tuesday 27/12/2022	MATERIALS AND MANUFACTURING ENGINEERING (SELF STUDY-I) (302066)
Thursday 29/12/2022	INDUSTRIAL ENGINEERING AND TECHNOLOGY MANAGEMENT (SELF STUDY-II) (302067)
Saturday 31/12/2022	* MECHATRONICS (302050) :SEM-1

**SEM-I**

	<b>2015 Course TIME-10.00 AM To 12.30 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Wednesday 28/12/2022	* NUMERICAL METHODS AND OPTIMIZATION (302047)
Tuesday 03/01/2023	* HEAT TRANSFER (302042)
Wednesday 04/01/2023	APPLIED COMPUTER AIDED ENGINEERING (302061)
Thursday 05/01/2023	# MACHINE DESIGN (302062) <b>10.00 AM To 01.00 PM</b>

**# Please note the timing**

**\* Common with Mechanical**

**Students of 2015 pattern shall have appear as per 2019 Pattern honor timetable.**

Ganeshkhind, Pune - 411 007

**Ref.No/XCT/752**

**Date:15/12/2022**

**Director**

**Board of Examinations And Evaluation**