

# SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)



EXAMINATION CIRCULAR NO.301 OF. 2019  
THIRD YEAR ENGINEERING (2015 COURSE)

Examination of NOV/DEC-2019

(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 time fixed for paper.
- Candidates are forbidden from taking any material into the examination hall, that can be used for malpractice at the time of examination.
- Candidates are requested to see the Notice Board at their place of examination regularly for changes if any, that may be notified later in the program.
- No request for any special concession such as a change in time or any day fixed for the University Examination on any ground shall be granted.
- Candidates are requested to note the Day, Date and Time of every Paper on every day.
- Candidates are permitted to use stencils at the time of examination.
- Candidates appearing for the examinations are expected to provide themselves with Side- rules.
- The exchange or loan of side-rules, drawing instruments of other materials used in the examination hall is Not Permitted while the examinations are in process. 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 Calculator of Pocket-size is allowed. The exchange of Calculators is not allowed.
- The written examination will be conducted in the following order.

**AUTOMOBILE**

**SEM-II**

	<b>2015 Course TIME-10.00 AM To 12.30 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Friday 15/11/2019	Automotive Aerodynamics and body Engineering (316486)
Monday 18/11/2019	* Numerical Methods and Optimization (302047)
Wednesday 20/11/2019	* Manufacturing Process-II (302051)
Friday 22/11/2019	# Design of Engine Components (316484) <b>10.00 AM To 01.00 PM</b>
Monday 25/11/2019	Automotive Transmission (316485)

**SEM-I**

	<b>2015 Course TIME-10.00 AM To 12.30 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Wednesday 27/11/2019	# Design of Machine Elements (316481) <b>10.00 AM To 01.00 PM</b>
Friday 29/11/2019	* Heat Transfer (302042)
Monday 02/12/2019	* Theory of Machines-II (302043)
Wednesday 04/12/2019	Automotive Electrical and Electronics (316482)
Saturday 07/12/2019	* 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>
Friday 15/11/2019	Chemical Reaction Engineering I (309348)
Monday 18/11/2019	Transport Phenomena (309349)
Wednesday 20/11/2019	Chemical Engineering Design I (309350)
Friday 22/11/2019	Mass Transfer II (309351)
Monday 25/11/2019	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>
Wednesday 27/11/2019	Chemical Engineering Mathematics (309341)
Friday 29/11/2019	Mass Transfer I (309342)
Monday 02/12/2019	Industrial Organization and Management (309343)
Wednesday 04/12/2019	Chemical Process Technology (309344)
Saturday 07/12/2019	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>
Friday 15/11/2019	Advanced Surveying (301007)
Monday 18/11/2019	Project Management and Engineering Economics (301008)
Wednesday 20/11/2019	Foundation Engineering (301009)
Friday 22/11/2019	# Structural Design-II (301010) <b>10.00 AM To 01.00 PM</b>
Monday 25/11/2019	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>
Wednesday 27/11/2019	Hydrology and water resource engineering. (301001)
Friday 29/11/2019	Infrastructure Engineering and Construction Techniques (301002)
Monday 02/12/2019	# Structural Design-I (301003) <b>10.00 AM To 01.00 PM</b>
Wednesday 04/12/2019	Structural Analysis-II (301004)
Saturday 07/12/2019	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>
Friday 15/11/2019	Design and Analysis of Algorithms (310250)
Monday 18/11/2019	Systems Programming and Operating System (SP and OS) (310251)
Wednesday 20/11/2019	Embedded Systems and Internet of Things (ES and IoT) (310252)
Friday 22/11/2019	Software Modeling and Design (310253)
Monday 25/11/2019	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>
Wednesday 27/11/2019	Theory of Computation (310241)
Friday 29/11/2019	Database Management Systems (DBMS) (310242)
Monday 02/12/2019	Software Engineering and Project Management (310243)
Wednesday 04/12/2019	Information Systems and Engineering Economics (310244)
Saturday 07/12/2019	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>
Friday 15/11/2019	Power System II (303146)
Monday 18/11/2019	Control System I (303147)
Wednesday 20/11/2019	Utilization of Electrical Energy (303148)
Friday 22/11/2019	Design of Electrical Machines (303149)
Monday 25/11/2019	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>
Wednesday 27/11/2019	Industrial and Technology Management (311121)
Friday 29/11/2019	Advance Microcontroller and its Applications (303141)
Monday 02/12/2019	Electrical Machines II (303142)
Wednesday 04/12/2019	Power Electronics (303143)
Saturday 07/12/2019	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>
Friday 15/11/2019	DSP and Applications (304206)
Monday 18/11/2019	Embedded Processors (304207)
Wednesday 20/11/2019	Business Management and Organization (304208)
Friday 22/11/2019	Fundamentals of HDL (304209)
Monday 25/11/2019	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>
Wednesday 27/11/2019	Power Electronics and Applications (304201)
Friday 29/11/2019	Instrumentation Systems (304202)
Monday 02/12/2019	Electromagnetics and Wave propagation (304203)
Wednesday 04/12/2019	Microcontrollers and Applications (304204)
Saturday 07/12/2019	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>
Friday 15/11/2019	Power Electronics (304186)
Monday 18/11/2019	Information Theory, Coding and Communication Networks (304187)
Wednesday 20/11/2019	Business Management (304188)
Friday 22/11/2019	Advanced Processors (306189)
Monday 25/11/2019	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>
Wednesday 27/11/2019	Digital Communication (304181)
Friday 29/11/2019	Digital Signal Processing (304182)
Monday 02/12/2019	Electromagnetics (304183)
Wednesday 04/12/2019	Microcontrollers (304184)
Saturday 07/12/2019	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>
Friday 15/11/2019	Computer Network Technology (314450)
Monday 18/11/2019	Systems Programming (314451)
Wednesday 20/11/2019	Design and Analysis of Algorithms (314452)
Friday 22/11/2019	Cloud Computing (314453)
Monday 25/11/2019	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>
Wednesday 27/11/2019	Theory of Computation (314441)
Friday 29/11/2019	Database Management Systems (314442)
Monday 02/12/2019	Software Engineering and Project Management (314443)
Wednesday 04/12/2019	Operating System (314444)
Saturday 07/12/2019	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>
Friday 15/11/2019	Digital Signal Processing (306268)
Monday 18/11/2019	Process Loop Components (306269)
Wednesday 20/11/2019	Unit Operations and Power Plant Instrumentation (306270)
Friday 22/11/2019	Instrument and System Design (306271)
Monday 25/11/2019	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>
Wednesday 27/11/2019	Embedded System Design (306261)
Friday 29/11/2019	Instrumental Methods for Chemical Analysis (306262)
Monday 02/12/2019	Control System Components (306263)
Wednesday 04/12/2019	Control System Design (306264)
Saturday 07/12/2019	Industrial Organisation and Management (306265)

**MECHANICAL**

**SEM-II**

	<b>2015 Course TIME-10.00 AM To 12.30 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Friday 15/11/2019	Refrigeration and Air Conditioning (302049)
Monday 18/11/2019	* Numerical Methods and Optimization (302047)
Wednesday 20/11/2019	* Manufacturing - Process-II (302051)
Friday 22/11/2019	# Design of Machine Elements-II (302048) <b>10.00 AM To 01.00 PM</b>
Monday 25/11/2019	** Mechatronics (302050)

**SEM-I**

	<b>2015 Course TIME-10.00 AM To 12.30 PM</b>
<b>Day &amp; Date</b>	<b>Subject</b>
Wednesday 27/11/2019	# Design of Machine Elements-I (302041) <b>10.00 AM To 01.00 PM</b>
Friday 29/11/2019	* Heat Transfer (302042)
Monday 02/12/2019	* Theory of Machines-II (302043)
Wednesday 04/12/2019	Turbo Machines (302044)
Saturday 07/12/2019	* 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>
Friday 15/11/2019	Materials and Manufacturing Engineering (Self Study-I) (302066)
Monday 18/11/2019	Industrial Engineering And Technology Management (Self Study-II) (302067)
Monday 25/11/2019	* 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 27/11/2019	Numerical Methods and Optimization (302047)
Friday 29/11/2019	* Heat Transfer (302042)
Monday 02/12/2019	Applied Computer Aided Engineering (302061)
Wednesday 04/12/2019	# Machine Design (302062) <b>10.00 AM To 01.00 PM</b>

**# Please note the timing**

**\* Common with Mechanical**

**The Practical/ Oral Examination of T.E. will be conducted from 18.10.2019 To 05.11.2019.**

Ganeshkhind, Pune - 411 007

**Ref.No/XCT/1235**

**Date:30/09/2019**

**Director**

**Board of Examinations And Evaluation**