

SAVITRIBAI PHULE PUNE UNIVERSITY
(Formerly University of Pune)



EXAMINATION CIRCULAR NO.276 OF. 2022

M.E.ENGINEERING (2017 Pattern)

Revised Examination Time Table of OCT/NOV 2022

(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 time fixed for paper.
2. Candidates are forbidden from taking any material into the examination hall that can be used for malpractice at the time of examination.
3. 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.
4. 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.
5. Candidates are requested to note the Day, Date and Time of every Paper on every day.
6. Candidates are permitted to use stencils at the time of examination.
7. Candidates appearing for the examinations are expected to provide themselves with Side- rules.
8. 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.
9. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
10. Use of non-programmable battery operated electronic Calculator of Pocket-size is allowed. The exchange of Calculators is not allowed.
11. The written examination will be conducted in the following order.

(CIVIL) (CONSTRUCTION MANAGEMENT)**SEM-II**

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Tuesday 27/12/2022	CONSTRUCTION CONTRACTS ADMINISTRATION AND MANAGEMENT (501027)
Wednesday 28/12/2022	PROJECT ECONOMICS AND FINANCIAL MANAGEMENT (501028)
Thursday 29/12/2022	OPERATIONS RESEARCH (501029)
Friday 30/12/2022	\$ ELECTIVE - II (501030)

SEM-III

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Thursday 12/01/2023	ENVIRONMENT & ENERGY FOR SUSTAINABLE CONSTRUCTION (601033)
Friday 13/01/2023	RESEARCH METHODOLOGY (601034)
Saturday 14/01/2023	\$ OPEN ELECTIVE (601035)

\$ Examinations of Elective subjects shall be organized at the college level.

(CIVIL) (ENVIRONMENTAL ENGINEERING)**SEM-II**

2017 Course TIME-2.00 PM To 5.00 PM	
Day & Date	Subject
Tuesday 27/12/2022	INDUSTRIAL WASTE WATER MANAGEMENT (501067)
Wednesday 28/12/2022	AIR POLLUTION AND CONTROL (501068)
Thursday 29/12/2022	SOLID WASTE AND HAZARDOUS WASTE MANAGEMENT (501069)
Friday 30/12/2022	\$ ELECTIVE - II (501070)

SEM-III

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Thursday 12/01/2023	ENVIRONMENTAL IMPACT ASSESSMENT (601073)
Friday 13/01/2023	RESEARCH METHODOLOGY (601074)
Saturday 14/01/2023	\$ OPEN ELECTIVE (601075)

\$ Examinations of Elective subjects shall be organized at the college level.

(CIVIL) (GEOTECHNICAL ENGINEERING)**SEM-II**

2017 Course TIME-2.00 PM To 5.00 PM	
Day & Date	Subject
Tuesday 27/12/2022	ADVANCE FOUNDATION ENGINEERING (501127)
Wednesday 28/12/2022	CONSTRUCTION METHODS IN GEOTECHNICAL (501128)
Thursday 29/12/2022	STABILITY OF SLOPES & EARTH DAM (501129)
Friday 30/12/2022	\$ ELECTIVE - II (501130)

SEM-III

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Thursday 12/01/2023	GEOTECHNICAL EARTHQUAKE ENGINEERING (601133)
Friday 13/01/2023	RESEARCH METHODOLOGY (601134)
Saturday 14/01/2023	\$ ELECTIVE - III (601135)

\$ Examinations of Elective subjects shall be organized at the college level.

(CIVIL) (HYDRAULICS ENGINEERING)**SEM-II**

2017 Course TIME-2.00 PM To 5.00 PM	
Day & Date	Subject
Tuesday 27/12/2022	OPEN CHANNEL HYDRAULICS (501047)
Wednesday 28/12/2022	SEDIMENT TRANSPORT AND RIVER MECHANICS (501048)
Thursday 29/12/2022	HYDROLOGY (501049)
Friday 30/12/2022	\$ ELECTIVE - II (501050)

SEM-III

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Thursday 12/01/2023	OPTIMIZATION TECHNIQUES (601051)
Friday 13/01/2023	RESEARCH METHODOLOGY (601052)
Saturday 14/01/2023	\$ ELECTIVE - III (601053)

\$ Examinations of Elective subjects shall be organized at the college level.

(CIVIL) (STRUCTURE ENGINEERING)**SEM-II**

2017 Course TIME-2.00 PM To 5.00 PM	
Day & Date	Subject
Tuesday 27/12/2022	FINITE ELEMENT METHOD (501007)
Wednesday 28/12/2022	THEORY OF PLATES AND SHELLS (501008)
Thursday 29/12/2022	ADVANCED DESIGN OF CONCRETE STRUCTURES (501009)
Friday 30/12/2022	\$ ELECTIVE - II (501010)

SEM-III

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Thursday 12/01/2023	RESEARCH METHODOLOGY (601013)
Friday 13/01/2023	ANALYSIS & DESIGN OF EARTHQUAKE RESISTANT STRUCTURES (601014)
Saturday 14/01/2023	\$ ELECTIVE - III (601015)

\$ Examinations of Elective subjects shall be organized at the college level.

(CIVIL) (WATER RESOURCES & ENVIRONMENTAL ENGINEERING)**SEM-II**

	2017 Course TIME-2.00 PM To 5.00 PM
Day & Date	Subject
Tuesday 27/12/2022	HYDROLOGY (501087)
Wednesday 28/12/2022	OPEN CHANNEL HYDRAULICS (501088)
Thursday 29/12/2022	ADVANCED WASTEWATER TREATMENT (501089)
Friday 30/12/2022	\$ ELECTIVE - II (501090)

SEM-III

	2017 Course TIME-02.00 PM To 5.00 PM
Day & Date	Subject
Thursday 12/01/2023	OPTIMIZATION TECHNIQUES (601093)
Friday 13/01/2023	RESEARCH METHODOLOGY (601094)
Saturday 14/01/2023	\$ OPEN ELECTIVE (601095)

\$ Examinations of Elective subjects shall be organized at the college level.

(MECHANICAL) (DESIGN ENGINEERING)**SEM-II**

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Tuesday 27/12/2022	ANALYSIS AND SYSTHESIS OF MECHANISMS (502207)
Wednesday 28/12/2022	ADVANCED MECHANICAL VIBRATIONS (502208)
Thursday 29/12/2022	FINITE ELEMENT METHOD (502209)
Friday 30/12/2022	\$ ELECTIVE - II (502210)

SEM-III

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Thursday 12/01/2023	OPTIMIZATION TECHNIQUES (602213)
Friday 13/01/2023	MECHANICAL MEASUREMENTS AND CONTROLS (602214)
Saturday 14/01/2023	\$ ELECTIVE - III (602215)

\$ Examinations of Elective subjects shall be organized at the college level.

(MECHANICAL) (HEAT POWER ENGINEERING)**SEM-II**

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Tuesday 27/12/2022	ADVANCED HEAT TRANSFER (502107)
Wednesday 28/12/2022	AIR CONDITIONING TECHNOLOGY (502108)
Thursday 29/12/2022	MEASUREMENTS AND CONTROLS (502109)
Friday 30/12/2022	\$ ELECTIVE - II (502110)

SEM-III

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Thursday 12/01/2023	COMPUTATIONAL FLUID DYNAMICS (602113)
Friday 13/01/2023	DESIGN OF HEAT TRANSFER EQUIPMENTS (602114)
Saturday 14/01/2023	\$ ELECTIVE - III (602115)

\$ Examinations of Elective subjects shall be organized at the college level.

Artificial Intelligence and Data Science**SEM-II**

	2017 Course TIME-02.00 PM To 5.00 PM
Day & Date	Subject
Tuesday 27/12/2022	DATA WAREHOUSING AND MINING (510308)
Wednesday 28/12/2022	MACHINE LEARNING (510309)
Thursday 29/12/2022	VIRTUAL REALITY AUGMENTED REALITY (510504)
Friday 30/12/2022	\$ ELECTIVE - II (510505)

SEM-III

	2017 Course TIME-2.00 PM To 5.00 PM
Day & Date	Subject
Thursday 12/01/2023	SOFT COMPUTING AND DEEP LEARNING (610501)
Friday 13/01/2023	SCALABLE DATA SCIENCE (610502)
Saturday 14/01/2023	\$ ELECTIVE - III (610303)

\$ Examinations of Elective subjects shall be organized at the college level.

CHEMICAL ENGINEERING**SEM-II**

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Tuesday 27/12/2022	ADVANCED TRANSPORT PHENOMENA (509107)
Wednesday 28/12/2022	ADVANCED PROCESS CONTROL (509108)
Thursday 29/12/2022	ADVANCED REACTION ENGINEERING (509109)
Friday 30/12/2022	\$ ELECTIVE - II (509110)

SEM-III

2017 Course TIME-2.00 PM To 5.00 PM	
Day & Date	Subject
Thursday 12/01/2023	PROCESS MODELING AND SIMULATION (509113)
Friday 13/01/2023	ADVANCED THERMODYNAMICS (509114)
Saturday 14/01/2023	\$ ELECTIVE - III (509115)

\$ Examinations of Elective subjects shall be organized at the college level.

CHEMICAL ENGINEERING (ENVIRONMENTAL)**SEM-II**

	2017 Course TIME-2.00 PM To 5.00 PM
Day & Date	Subject
Tuesday 27/12/2022	WASTEWATER TREATMENT & DESIGN (509137)
Wednesday 28/12/2022	SOLID WASTE MANAGEMENT (509138)
Thursday 29/12/2022	INDUSTRIAL WASTE TREATMENT (509139)
Friday 30/12/2022	\$ ELECTIVE - II (509140)

SEM-III

	2017 Course TIME-2.00 PM To 5.00 PM
Day & Date	Subject
Thursday 12/01/2023	REMOTE SENSING & GIS APPLICATIONS IN ENVIRONMENTAL ENGINEERING (509143)
Friday 13/01/2023	INDUSTRIAL POLLUTION PREVENTION & CLEANER PRODUCTION (509144)
Saturday 14/01/2023	\$ ELECTIVE - III (509145)

\$ Examinations of Elective subjects shall be organized at the college level.

COMPUTER (COMPUTER ENGINEERING)**SEM-II**

	2017 Course TIME-2.00 PM To 5.00 PM
Day & Date	Subject
Tuesday 27/12/2022	OPERATION RESEARCH (510108)
Wednesday 28/12/2022	SYSTEM SIMULATION AND MODELING (510109)
Thursday 29/12/2022	MACHINE LEARNING (510110)
Friday 30/12/2022	\$ ELECTIVE - II (510111)

SEM-III

	2017 Course TIME-02.00 PM To 5.00 PM
Day & Date	Subject
Thursday 12/01/2023	FAULT TOLERANT SYSTEMS (610101)
Friday 13/01/2023	INFORMATION RETRIEVAL (610102)
Saturday 14/01/2023	\$ ELECTIVE - III (610103)

\$ Examinations of Elective subjects shall be organized at the college level.

COMPUTER (COMPUTER NETWORKS)**SEM-II**

	2017 Course TIME-2.00 PM To 5.00 PM
Day & Date	Subject
Tuesday 27/12/2022	OPERATION RESEARCH (510208)
Wednesday 28/12/2022	NETWORK DESIGN AND ANALYSIS (510209)
Thursday 29/12/2022	DATA ALGORITHMS (510210)
Friday 30/12/2022	\$ ELECTIVE - II (510211)

SEM-III

	2017 Course TIME-02.00 PM To 5.00 PM
Day & Date	Subject
Thursday 12/01/2023	FAULT TOLERANT SYSTEMS (610201)
Friday 13/01/2023	MOBILE AD HOC NETWORKS (610202)
Saturday 14/01/2023	\$ ELECTIVE - III (610203)

\$ Examinations of Elective subjects shall be organized at the college level.

COMPUTER ENGINEERING (Master of Data Science)**SEM-II**

2017 Course TIME-2.00 PM To 5.00 PM	
Day & Date	Subject
Tuesday 27/12/2022	DATA WAREHOUSING AND MINING (510308)
Wednesday 28/12/2022	MACHINE LEARNING (510309)
Thursday 29/12/2022	SOFT COMPUTING (510310)
Friday 30/12/2022	ELETIVE-II (5610311)

SEM-III

2017 Course TIME-2.00 PM To 5.00 PM	
Day & Date	Subject
Thursday 12/01/2023	DEEP LEARNING (610301)
Friday 13/01/2023	DATA MODELING AND VISUALIZATION (610302)
Saturday 14/01/2023	\$ ELECTIVE - III (610303)

\$ Examinations of Elective subjects shall be organized at the college level.

Cyber Security**SEM-II**

2017 Course TIME-2.00 PM To 5.00 PM	
Day & Date	Subject
Tuesday 27/12/2022	NETWORK SECURITY (510408)
Wednesday 28/12/2022	DISATER RECOVERY AND MANAGEMENT (510409)
Thursday 29/12/2022	FUNDAMENTALS OF BLOCK CHAIN (510410)
Friday 30/12/2022	\$ ELECTIVE - II (510411)

SEM-III

2017 Course TIME-2.00 PM To 5.00 PM	
Day & Date	Subject
Thursday 12/01/2023	CLOUD SECURITY (610401)
Friday 13/01/2023	CYBER SECURITY AND IT INFRASTRUCTURE PROTECTION (610402)
Saturday 14/01/2023	\$ ELECTIVE - III (610403)

\$ Examinations of Elective subjects shall be organized at the college level.

ELECTRICAL (CONTROL SYSTEMS)**SEM-II**

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Tuesday 27/12/2022	MULTIVARIABLE AND OPTIMAL CONTROL SYSTEM (503107)
Wednesday 28/12/2022	CONTROL OF POWER ELECTRONICS CIRCUITS (503108)
Thursday 29/12/2022	DIGITAL SIGNAL PROCESSING AND ITS APPLICATIONS (503109)
Friday 30/12/2022	\$ ELECTIVE - II (503110)

SEM-III

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Thursday 12/01/2023	ADVANCED DRIVES AND CONTROL (603101)
Friday 13/01/2023	SYSTEM IDENTIFICATION & ADAPTIVE CONTROL (603102)
Saturday 14/01/2023	\$ ELECTIVE - III (603103)

\$ Examinations of Elective subjects shall be organized at the college level.

ELECTRICAL (POWER ELECTRONICS & DRIVES)**SEM-II**

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Tuesday 27/12/2022	AC AND DC DRIVES (503307)
Wednesday 28/12/2022	POWER CONVERTERS II (503308)
Thursday 29/12/2022	ADVANCED CONTROL SYSTEMS (503309)
Friday 30/12/2022	\$ ELECTIVE - II (503310)

SEM-III

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Thursday 12/01/2023	SPECIAL APPLICATIONS OF POWER ELECTRONICS (603301)
Friday 13/01/2023	ENERGY MANAGEMENT AND POWER QUALITY (603302)
Saturday 14/01/2023	\$ ELECTIVE - III (603303)

\$ Examinations of Elective subjects shall be organized at the college level.

ELECTRICAL (POWER SYSTEMS)**SEM-II**

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Tuesday 27/12/2022	POWER SYSTEM DYNAMICS (503207)
Wednesday 28/12/2022	POWER SYSTEM PLANNING & RELIABILITY (503208)
Thursday 29/12/2022	HVDC AND FLEXIBLE AC TRANSMISSION (503209)
Friday 30/12/2022	\$ ELECTIVE - II (503210)

SEM-III

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Thursday 12/01/2023	ADVANCED POWER SYSTEM PROTECTION (603201)
Friday 13/01/2023	POWER QUALITY ASSESSMENT & MITIGATION (603202)
Saturday 14/01/2023	\$ ELECTIVE - III (603203)

\$ Examinations of Elective subjects shall be organized at the college level.

ELECTRONICS (DIGITAL SYSTEM)**SEM-II**

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Tuesday 27/12/2022	ADVANCED DSP PROCESSORS (504107)
Wednesday 28/12/2022	PLD'S AND ASIC DESIGN (504108)
Thursday 29/12/2022	IMAGE PROCESSING AND COMPUTER VISION (504109)
Friday 30/12/2022	\$ ELECTIVE - II (504110)

SEM-III

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Thursday 12/01/2023	SYSTEM ON CHIP DESIGN (604101)
Friday 13/01/2023	WIRELESS SENSORS NETWORK FOR IOT (604102)
Saturday 14/01/2023	\$ ELECTIVE - III (604103)

\$ Examinations of Elective subjects shall be organized at the college level.

ELECTRONICS & TELECOMMUNICATION (COMMUNICATION NETWORK)**SEM-II**

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Tuesday 27/12/2022	TRAFFIC ANALYSIS AND QOS (504507)
Wednesday 28/12/2022	BROADBAND WIRELESS TECHNOLOGIES (504508)
Thursday 29/12/2022	SDR AND COGNITIVE RADIO (504509)
Friday 30/12/2022	\$ ELECTIVE - II (504510)

SEM-III

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Thursday 12/01/2023	4G LTE CELLULAR SYSTEMS (604501)
Friday 13/01/2023	MODERN COMMUNICATION RECEIVER DESIGN & TECHNOLOGY (604502)
Saturday 14/01/2023	\$ ELECTIVE - III (604503)

\$ Examinations of Elective subjects shall be organized at the college level.

ELECTRONICS & TELECOMMUNICATION (ME E&TC lot and sensor system)**SEM-II**

2017 Course TIME-2.00 PM To 5.00 PM	
Day & Date	Subject
Tuesday 27/12/2022	EMBEDDED SYSTEM DESIGN (504608)
Wednesday 28/12/2022	CLOUD ARCHITECTURE & PROTOCOLS (504609)
Thursday 29/12/2022	IOT ARCHITECTURE AND PROTOCOLS (504610)
Friday 30/12/2022	\$ ELECTIVE - II (504611)

SEM-III

2017 Course TIME-2.00 PM To 5.00 PM	
Day & Date	Subject
Thursday 12/01/2023	MICROSYSTEM FABRICATION (604601)
Friday 13/01/2023	IOT APPLICATIONS & WEB DEVELOPMENT (604602)
Saturday 14/01/2023	\$ ELECTIVE - III (604603)

\$ Examinations of Elective subjects shall be organized at the college level.

ELECTRONICS & TELECOMMUNICATION (MICROWAVE)**SEM-II**

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Tuesday 27/12/2022	COMPUTATIONAL ELECTROMAGNETICS (504307)
Wednesday 28/12/2022	RF AND MMIC TECHNOLOGY (504308)
Thursday 29/12/2022	WIRELESS COMMUNICATION SYSTEM (504309)
Friday 30/12/2022	\$ ELECTIVE - II (504310)

SEM-III

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Thursday 12/01/2023	EMI AND EMC TECHNIQUES (604301)
Friday 13/01/2023	RADAR AND SATELLITE COMMUNICATION (604302)
Saturday 14/01/2023	\$ ELECTIVE - III (604103)

\$ Examinations of Elective subjects shall be organized at the college level.

ELECTRONICS & TELECOMMUNICATION (SIGNAL PROCESSING)**SEM-II**

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Tuesday 27/12/2022	BIOMEDICAL SIGNAL PROCESSING (504407)
Wednesday 28/12/2022	SPEECH PROCESSING (504408)
Thursday 29/12/2022	COMPUTER VISION (504409)
Friday 30/12/2022	\$ ELECTIVE - II (504410)

SEM-III

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Thursday 12/01/2023	STATISTICAL SIGNAL PROCESSING (604401)
Friday 13/01/2023	STILL IMAGE AND VIDEO COMPRESSION (604402)
Saturday 14/01/2023	\$ ELECTIVE - III (604403)

\$ Examinations of Elective subjects shall be organized at the college level.

ELECTRONICS & TELECOMMUNICATION (VLSI & EMBEDDED SYSTEM)**SEM-II**

	2017 Course TIME-02.00 PM To 5.00 PM
Day & Date	Subject
Tuesday 27/12/2022	ANALOG CMOS DESIGN (504207)
Wednesday 28/12/2022	SYSTEM ON CHIP (504208)
Thursday 29/12/2022	EMBEDDED AUTOMOTIVE SYSTEMS (504209)
Friday 30/12/2022	\$ ELECTIVE - II (504210)

SEM-III

	2017 Course TIME-02.00 PM To 5.00 PM
Day & Date	Subject
Thursday 12/01/2023	TESTING AND VERIFICATION OF VLSI CIRCUITS (604201)
Friday 13/01/2023	ASIC DESIGN (604202)
Saturday 14/01/2023	\$ ELECTIVE - III (604203)

\$ Examinations of Elective subjects shall be organized at the college level.

ELECTRONICS & TELECOMMUNICATION (Wireless Communication Technology)**SEM-II**

2017 Course TIME-2.00 PM To 5.00 PM	
Day & Date	Subject
Tuesday 27/12/2022	SIGNAL PROCESSING WIRELESS COMMUNICATION (504608)
Wednesday 28/12/2022	INFORMATION THEORY AND CODING (504609)
Thursday 29/12/2022	ANTENNAS FOR MODERN WIRELESS COMMUNICATIONS (504610)
Friday 30/12/2022	\$ ELECTIVE - II (504611)

SEM-III

2017 Course TIME-2.00 PM To 5.00 PM	
Day & Date	Subject
Thursday 12/01/2023	ADVANCED WIRELESS NETWORKS (604601)
Friday 13/01/2023	SDR AND COGNITIVE RADIO (604602)
Saturday 14/01/2023	\$ ELECTIVE - III (604603)

\$ Examinations of Elective subjects shall be organized at the college level.

Engineering Production (Robotics and Automation)**SEM-II**

2017 Course TIME-2.00 PM To 5.00 PM	
Day & Date	Subject
Tuesday 27/12/2022	ROBOT PROGRAMMING (511507)
Wednesday 28/12/2022	ADVANCED ROBOT KINEMATICS AND DYNAMICS (511508)
Thursday 29/12/2022	ROBOT VISION SYSTEM (511509)
Friday 30/12/2022	\$ ELECTIVE - II (511510)

SEM-III

2017 Course TIME-2.00 PM To 5.00 PM	
Day & Date	Subject
Thursday 12/01/2023	ARTIFICIAL INTELLIGENCE IN ROBOTICS (611501)
Friday 13/01/2023	SOFT COMPUTING IN ROBOTICS (611502)
Saturday 14/01/2023	\$ ELECTIVE - III (611503)

\$ Examinations of Elective subjects shall be organized at the college level.

INFORMATION TECHNOLOGY**SEM-II**

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Tuesday 27/12/2022	CYBER SECURITY AND FORENSICS (514407)
Wednesday 28/12/2022	CLOUD AND DATA TECHNOLOGIES (514408)
Thursday 29/12/2022	INFORMATION TECHNOLOGY ORIENTED OPERATIONS RESEARCH (514409)
Friday 30/12/2022	\$ ELECTIVE - II (514410)

SEM-III

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Thursday 12/01/2023	MOBILE AD-HOC NETWORKS (5144013)
Friday 13/01/2023	ADVANCE OPERATING SYSTEM (5144014)
Saturday 14/01/2023	\$ ELECTIVE - III (5144015)

\$ Examinations of Elective subjects shall be organized at the college level.

INSTRUMENTATION & CONTROL (PROCESS INSTRUMENTATION)**SEM-II**

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Tuesday 27/12/2022	PROCESS DYNAMICS AND CONTROL (506107)
Wednesday 28/12/2022	EMBEDDED SYSTEM DESIGN (506108)
Thursday 29/12/2022	CONTROL SYSTEM (506109)
Friday 30/12/2022	\$ ELECTIVE - II (506110)

SEM-III

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Thursday 12/01/2023	ADVANCED SIGNAL PROCESSING (606101)
Friday 13/01/2023	BUILDING AUTOMATION (606102)
Saturday 14/01/2023	\$ ELECTIVE - III (606103)

\$ Examinations of Elective subjects shall be organized at the college level.

MECHANICAL (AUTOMOTIVE ENGINEERING)**SEM-II**

	2017 Course TIME-02.00 PM To 5.00 PM
Day & Date	Subject
Tuesday 27/12/2022	ENGINE COMBUSTION TECHNOLOGY (502307)
Wednesday 28/12/2022	NOISE VIBRATION AND HARSHNESS (502308)
Thursday 29/12/2022	AUTOMOTIVE CHASSIS DESIGN (502309)
Friday 30/12/2022	\$ ELECTIVE - II (502310)

SEM-III

	2017 Course TIME-02.00 PM To 5.00 PM
Day & Date	Subject
Thursday 12/01/2023	VEHICLE DYNAMICS (602313)
Friday 13/01/2023	AUTOTRONICS (602314)
Saturday 14/01/2023	\$ ELECTIVE - III (602315)

\$ Examinations of Elective subjects shall be organized at the college level.

MECHANICAL (COMPUTER AIDED DESIGN,MANUFACTURE & ENGINEERING)**SEM-II**

	2017 Course TIME-02.00 PM To 5.00 PM
Day & Date	Subject
Tuesday 27/12/2022	COMPUTER INTEGRATED MANUFACTURING (502407)
Wednesday 28/12/2022	INDUSTRIAL PRODUCT DESIGN & PRODUCT LIFE CYCLE MANAGEMENT (502408)
Thursday 29/12/2022	AUTOMATED MANUFACTURING SYSTEM MODELLING (502409)
Friday 30/12/2022	\$ ELECTIVE - II (502410)

SEM-III

	2017 Course TIME-02.00 PM To 5.00 PM
Day & Date	Subject
Thursday 12/01/2023	SIMULATION MODELING (602413)
Friday 13/01/2023	OPTIMIZATION TECHNIQUES (602414)
Saturday 14/01/2023	\$ ELECTIVE - III (602415)

\$ Examinations of Elective subjects shall be organized at the college level.

MECHANICAL (ENERGY ENGINEERING)**SEM-II**

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Tuesday 27/12/2022	ADVANCED HEAT TRANSFER (502507)
Wednesday 28/12/2022	ENERGY CONVERSION AND ENVIRONMENT (502508)
Thursday 29/12/2022	ADVANCED FLUID MECHANICS (502509)
Friday 30/12/2022	\$ ELECTIVE - II (502510)

SEM-III

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Thursday 12/01/2023	ENERGY MANAGEMENT (602513)
Friday 13/01/2023	ENERGY SYSTEMS MODELING AND OPTIMIZATION (602514)
Saturday 14/01/2023	\$ ELECTIVE - III (602515)

\$ Examinations of Elective subjects shall be organized at the college level.

MECHANICAL (MECHATRONICS)**SEM-II**

	2017 Course TIME-02.00 PM To 5.00 PM
Day & Date	Subject
Tuesday 27/12/2022	PLC PROGRAMMING (502807)
Wednesday 28/12/2022	CONTROL SYSTEMS - II (502808)
Thursday 29/12/2022	INDUSTRIAL DRIVES & ACTUATORS (502809)
Friday 30/12/2022	\$ ELECTIVE - II (502810)

SEM-III

	2017 Course TIME-02.00 PM To 5.00 PM
Day & Date	Subject
Thursday 12/01/2023	MICROCONTROLLER APPLICATIONS IN EMBEDDED SYSTEMS (602813)
Friday 13/01/2023	FLEXIBLE MANUFACTURING SYSTEMS (602814)
Saturday 14/01/2023	\$ ELECTIVE - III (602815)

\$ Examinations of Elective subjects shall be organized at the college level.

PRINTING ENGINEERING & GRAPHIC COMMUNICATION**SEM-II**

	2017 Course TIME-02.00 PM To 5.00 PM
Day & Date	Subject
Tuesday 27/12/2022	COLOUR SCIENCE (508107)
Wednesday 28/12/2022	WEB HANDLING ON PRESS (508108)
Thursday 29/12/2022	SUBSTRATE AND INK (508109)
Friday 30/12/2022	\$ ELECTIVE - II (508110)

SEM-III

	2017 Course TIME-02.00 PM To 5.00 PM
Day & Date	Subject
Thursday 12/01/2023	PRINTED ELECTRONICS AND RFID (608101)
Friday 13/01/2023	ADVANCES IN CONVERTING AND PACKAGING (608102)
Saturday 14/01/2023	\$ ELECTIVE - III (608103)

\$ Examinations of Elective subjects shall be organized at the college level.

PRODUCTION (CAD/CAM)**SEM-II**

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Tuesday 27/12/2022	* COMPUTER INTEGRATED MANUFACTURING (511305)
Wednesday 28/12/2022	* ARTIFICIAL INTELLIGENCE & ROBOTICS (511306)
Thursday 29/12/2022	COMPUTATION TECHNIQUES IN CAD/CAM (511307)
Friday 30/12/2022	\$ ELECTIVE - II (511308)

SEM-III

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Thursday 12/01/2023	* COMPUTATIONAL INTELLIGENCE IN TOOL DESIGN (611101)
Friday 13/01/2023	COMPUTER AIDED PRODUCTION PLANNING (511311)
Saturday 14/01/2023	\$ ELECTIVE - III (511312)

\$ Examinations of Elective subjects shall be organized at the college level.

***Common to Production (Manufacturing & Automation) - 2017 Credit Pattern.**

PRODUCTION ENGINEERING (MANUFACTURING & AUTOMATION)**SEM-II**

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Tuesday 27/12/2022	* COMPUTER INTEGRATED MANUFACTURING (511305)
Wednesday 28/12/2022	* ARTIFICIAL INTELLIGENCE & ROBOTICS (511306)
Thursday 29/12/2022	ADDITIVE MANUFACTURING (511109)
Friday 30/12/2022	\$ ELECTIVE - II (511110)

SEM-III

2017 Course TIME-02.00 PM To 5.00 PM	
Day & Date	Subject
Thursday 12/01/2023	* COMPUTATIONAL INTELLIGENCE IN TOOL DESIGN (611101)
Friday 13/01/2023	MECHATRONICS (611102)
Saturday 14/01/2023	\$ ELECTIVE - III (611103)

\$ Examinations of Elective subjects shall be organized at the college level.

***Common to Production (CAD/CAM) - 2017 Credit Pattern.**

The backlog students of M.E. (2013 Pattern) will have to appear for equivalence subject of M.E. (2017 Pattern)

Ganeshkhind, Pune - 411 007

Ref.No/XCT/900

Date:22/12/2022

Director

Board of Examinations and Evaluation