

SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)



EXAMINATION CIRCULAR NO.150 OF. 2023

M.E. ENGINEERING (2017 PAT.)

Examination of MAR/APR 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 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.

SEMESTER - II

Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	510308	DATA WAREHOUSING AND MINING
Wednesday 26-07-2023	510309	MACHINE LEARNING
Friday 28-07-2023	510504	VIRTUAL REALITY AUGMENTED REALITY
Tuesday 01-08-2023	510505	\$ ELECTIVE - II

SEMESTER - I

Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	510301	*MATHEMATICAL FOUNDATIONS FOR DATA SCIENCE
Thursday 27-07-2023	510302	*BASICS OF DATA SCIENCE
Monday 31-07-2023	510501	ARTIFICIAL INTELLIGENCE
Wednesday 02-08-2023	510101	*RESEARCH METHODOLOGY
Friday 04-08-2023	510502	\$ ELECTIVE - I

NOTE: -

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

* Common to Computer Engg. (Master of Data Science)

**SY M.E. Artificial Intelligence and Data Science
(2020) (2017 PAT.)/F-2023**

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	610501	SOFT COMPUTING AND DEEP LEARNING
Thursday 08-06-2023	610502	SCALABLE DATA SCIENCE
Saturday 10-06-2023	610303	\$ ELECTIVE - III

NOTE: -

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

MAR/APR

**FIRST YEAR M.E. CHEMICAL ENGINEERING (2017
PAT.)/F-2023**

SEMESTER - II
Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	509107	ADVANCED TRANSPORT PHENOMENA
Wednesday 26-07-2023	509108	ADVANCED PROCESS CONTROL
Friday 28-07-2023	509109	ADVANCED REACTION ENGINEERING
Tuesday 01-08-2023	509110	\$ ELECTIVE - II

SEMESTER - I
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	509101	MATHEMATICAL AND STATISTICAL METHODS
Thursday 27-07-2023	509102	PROCESS OPTIMIZATION
Monday 31-07-2023	509103	ADVANCED SEPARATION PROCESSES
Wednesday 02-08-2023	509104	RESEARCH METHODOLOGY
Friday 04-08-2023	509105	\$ ELECTIVE - I

NOTE: -

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

**SECOND YEAR M.E. CHEMICAL ENGINEERING
(2017 PAT.)/F-2023**

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	509113	PROCESS MODELING AND SIMULATION
Thursday 08-06-2023	509114	ADVANCED THERMODYNAMICS
Saturday 10-06-2023	509115	\$ ELECTIVE - III

NOTE: -

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

MAR/APR

**FIRST YEAR M.E. CHEMICAL ENGINEERING
(ENVIRONMENTAL) (2017 PAT.)/F-2023**

SEMESTER - II
Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	509137	WASTEWATER TREATMENT & DESIGN
Wednesday 26-07-2023	509138	SOLID WASTE MANAGEMENT
Friday 28-07-2023	509139	INDUSTRIAL WASTE TREATMENT
Tuesday 01-08-2023	509140	\$ ELECTIVE - II

SEMESTER - I
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	509131	APPLIED STATISTICS FOR ENVIRONMENTAL ENGINEERS
Thursday 27-07-2023	509132	ENVIRONMENTAL MANAGEMENT
Monday 31-07-2023	509133	ENVIRONMENTAL CHEMISTRY
Wednesday 02-08-2023	509134	RESEARCH METHODOLOGY
Friday 04-08-2023	509135	\$ ELECTIVE - I

NOTE: -

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

MAR/APR

**SECOND YEAR M.E. CHEMICAL ENGINEERING
(ENVIRONMENTAL) (2017 PAT.)/F-2023**

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	509143	REMOTE SENSING & GIS APPLICATIONS IN ENVIRONMENTAL ENGINEERING
Thursday 08-06-2023	509144	INDUSTRIAL POLLUTION PREVENTION & CLEANER PRODUCTION
Saturday 10-06-2023	509145	\$ ELECTIVE - III

NOTE: -

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

MAR/APR

FIRST YEAR M.E. CIVIL (CONSTRUCTION & MANAGEMENT) (2017 PAT.)/F-2023

SEMESTER - II
Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	501027	CONSTRUCTION CONTRACTS ADMINISTRATION AND MANAGEMENT
Wednesday 26-07-2023	501028	PROJECT ECONOMICS AND FINANCIAL MANAGEMENT
Friday 28-07-2023	501029	OPERATIONS RESEARCH
Tuesday 01-08-2023	501030	\$ ELECTIVE - II

SEMESTER - I
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	501021	APPLICATIONS OF STATISTICAL METHODS IN CONSTRUCTION
Thursday 27-07-2023	501022	MANAGEMENT AND PROJECT PLANNING IN CONSTRUCTION
Monday 31-07-2023	501023	CONSTRUCTION TECHNOLOGY
Wednesday 02-08-2023	501024	TQM IN CONSTRUCTION
Friday 04-08-2023	501025	\$ ELECTIVE - I

NOTE: -

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

MAR/APR

SECOND YEAR M.E. CIVIL (CONSTRUCTION & MANAGEMENT) (2017 PAT.)/F-2023

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	601033	ENVIRONMENT & ENERGY FOR SUSTAINABLE CONSTRUCTION
Thursday 08-06-2023	601034	RESEARCH METHODOLOGY
Saturday 10-06-2023	601035	\$ OPEN ELECTIVE

NOTE: -

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

MAR/APR

**FIRST YEAR M.E. CIVIL (ENVIRONMENTAL) (2017
PAT.)/F-2023**

SEMESTER - II
Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	501067	INDUSTRIAL WASTE WATER MANAGEMENT
Wednesday 26-07-2023	501068	AIR POLLUTION AND CONTROL
Friday 28-07-2023	501069	SOLID WASTE AND HAZARDOUS WASTE MANAGEMENT
Tuesday 01-08-2023	501070	\$ ELECTIVE - II

SEMESTER - I
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	501061	ENVIRONMENTAL LEGISLATION AND MANAGEMENT SYSTEMS
Thursday 27-07-2023	501062	ENVIRONMENTAL CHEMISTRY & MICROBIOLOGY
Monday 31-07-2023	501063	PHYSICO-CHEMICAL PROCESS FOR WATER AND WASTE WATER TREATMENT
Wednesday 02-08-2023	501064	ENVIRONMENTAL SANITATION
Friday 04-08-2023	501065	\$ ELECTIVE - I

NOTE: -

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

**SECOND YEAR M.E. CIVIL (ENVIRONMENTAL)
(2017 PAT.)/F-2023**

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	601073	ENVIRONMENTAL IMPACT ASSESSMENT
Thursday 08-06-2023	601074	RESEARCH METHODOLOGY
Saturday 10-06-2023	601075	\$ OPEN ELECTIVE

NOTE: -

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

MAR/APR

**FIRST YEAR M.E. CIVIL (GEOTECHNICAL
ENGINEERING) (2017 PAT.)/F-2023**

SEMESTER - II
Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	501127	ADVANCE FOUNDATION ENGINEERING
Wednesday 26-07-2023	501128	CONSTRUCTION METHODS IN GEOTECHNICAL
Friday 28-07-2023	501129	STABILITY OF SLOPES & EARTH DAM
Tuesday 01-08-2023	501130	\$ ELECTIVE - II

SEMESTER - I
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	501121	ADVANCE SOIL MECHANICS
Thursday 27-07-2023	501122	GROUND IMPROVEMENT TECHNIQUES
Monday 31-07-2023	501123	ROCK MECHANICS
Wednesday 02-08-2023	501125	GEO-ENVIRONMENTAL ENGINEERING
Friday 04-08-2023	501124	\$ ELECTIVE - I

NOTE: -

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

MAR/APR

**SECOND YEAR M.E. CIVIL (GEOTECHNICAL
ENGINEERING) (2017 PAT.)/F-2023**

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	601133	GEOTECHNICAL EARTHQUAKE ENGINEERING
Thursday 08-06-2023	601134	RESEARCH METHODOLOGY
Saturday 10-06-2023	601135	\$ ELECTIVE - III

NOTE: -

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

MAR/APR

FIRST YEAR M.E. CIVIL (HYDRAULIC ENGINEERING) (2017 PAT.)/F-2023

SEMESTER - II
Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	501047	OPEN CHANNEL HYDRAULICS
Wednesday 26-07-2023	501048	SEDIMENT TRANSPORT AND RIVER MECHANICS
Friday 28-07-2023	501049	HYDROLOGY
Tuesday 01-08-2023	501050	\$ ELECTIVE - II

SEMESTER - I
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	501041	FLUID MECHANICS
Thursday 27-07-2023	501042	IRRIGATION AND DRAINAGE
Monday 31-07-2023	501043	PLANNING AND MANAGEMENT OF WATER RESOURCES
Wednesday 02-08-2023	501044	DAM ENGINEERING
Friday 04-08-2023	501045	\$ ELECTIVE - I

NOTE: -

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

**SECOND YEAR M.E. CIVIL (HYDRAULIC
ENGINEERING) (2017 PAT.)/F-2023**

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	601051	OPTIMIZATION TECHNIQUES
Thursday 08-06-2023	601052	RESEARCH METHODOLOGY
Saturday 10-06-2023	601053	\$ ELECTIVE - III

NOTE: -

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

MAR/APR

**FIRST YEAR M.E. CIVIL (STRUCTURAL
ENGINEERING) (2017 PAT.)/F-2023**

SEMESTER - II
Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	501007	FINITE ELEMENT METHOD
Wednesday 26-07-2023	501008	THEORY OF PLATES AND SHELLS
Friday 28-07-2023	501009	ADVANCED DESIGN OF CONCRETE STRUCTURES
Tuesday 01-08-2023	501010	\$ ELECTIVE - II

SEMESTER - I
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	501001	THEORY OF ELASTICITY & PLASTICITY
Thursday 27-07-2023	501002	STRUCTURAL DYNAMICS
Monday 31-07-2023	501003	ADVANCED DESIGN OF STEEL STRUCTURES
Wednesday 02-08-2023	501004	NUMERICAL METHODS IN STRUCTURAL ENGINEERING
Friday 04-08-2023	501005	\$ ELECTIVE - I

NOTE: -

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

MAR/APR

**SECOND YEAR M.E. CIVIL (STRUCTURAL
ENGINEERING) (2017 PAT.)/F-2023**

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	601013	RESEARCH METHODOLOGY
Thursday 08-06-2023	601014	ANALYSIS & DESIGN OF EARTHQUAKE RESISTANT STRUCTURES
Saturday 10-06-2023	601015	\$ ELECTIVE - III

NOTE: -

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

MAR/APR

FIRST YEAR M.E. CIVIL (WATER RESOURCE & ENVIRONMENTAL ENGINEERING) (2017 PAT.)/F-2023

SEMESTER - II
Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	501087	HYDROLOGY
Wednesday 26-07-2023	501088	OPEN CHANNEL HYDRAULICS
Friday 28-07-2023	501089	ADVANCED WASTEWATER TREATMENT
Tuesday 01-08-2023	501090	\$ ELECTIVE - II

SEMESTER - I
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	501081	PLANNING AND MANAGEMENT OF WATER RESOURCES
Thursday 27-07-2023	501082	ENVIRONMENTAL CHEMISTRY AND MICROBIOLOGY
Monday 31-07-2023	501083	FLUID MECHANICS
Wednesday 02-08-2023	501084	ADVANCED WATER TREATMENT
Friday 04-08-2023	501085	\$ ELECTIVE - I

NOTE: -

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

SECOND YEAR M.E. CIVIL (WATER RESOURCE & ENVIRONMENTAL ENGINEERING) (2017 PAT.)/F-2023

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	601093	OPTIMIZATION TECHNIQUES
Thursday 08-06-2023	601094	RESEARCH METHODOLOGY
Saturday 10-06-2023	601095	\$ OPEN ELECTIVE

NOTE: -

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

MAR/APR

**FIRST YEAR M.E. COMPUTER ENGINEERING (2017
PAT.)/F-2023**

SEMESTER - II
Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	510108	OPERATION RESEARCH
Wednesday 26-07-2023	510109	SYSTEM SIMULATION AND MODELING
Friday 28-07-2023	510110	MACHINE LEARNING
Tuesday 01-08-2023	510111	\$ ELECTIVE - II

SEMESTER - I
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	510101	RESEARCH METHODOLOGY
Thursday 27-07-2023	510102	BIO-INSPIRED OPTIMIZATION ALGORITHMS
Monday 31-07-2023	510103	SOFTWARE DEVELOPMENT AND VERSION CONTROL
Wednesday 02-08-2023	510104	EMBEDDED AND REAL TIME OPERATING SYSTEMS
Friday 04-08-2023	510105	\$ ELECTIVE - I

NOTE: -

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

MAR/APR

**SECOND YEAR M.E. COMPUTER ENGINEERING
(2017 PAT.)/F-2023**

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	610101	FAULT TOLERANT SYSTEMS
Thursday 08-06-2023	610102	INFORMATION RETRIEVAL
Saturday 10-06-2023	610103	\$ ELECTIVE - III

NOTE: -

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

MAR/APR

SEMESTER - II
Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	510308	DATA WAREHOUSING AND MINING
Wednesday 26-07-2023	510309	MACHINE LEARNING
Friday 28-07-2023	510310	SOFT COMPUTING
Tuesday 01-08-2023	510311	ELETIVE-II

SEMESTER - I
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	510301	*MATHEMATICAL FOUNDATIONS FOR DATA SCIENCE
Thursday 27-07-2023	510302	*BASICS OF DATA SCIENCE
Monday 31-07-2023	510303	BIG DATA ANALYTICS
Wednesday 02-08-2023	510101	*RESEARCH METHODOLOGY
Friday 04-08-2023	510305	\$ELETIVE-I

NOTE: -

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

*Common to Artificial Intelligence & data Science.

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	610301	DEEP LEARNING
Thursday 08-06-2023	610302	DATA MODELING AND VISUALIZATION
Saturday 10-06-2023	610303	\$ ELECTIVE - III

NOTE: -

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

**FIRST YEAR M.E. COMPUTER NETWORKS (2017
PAT.)/F-2023**

SEMESTER - II
Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	510208	OPERATION RESEARCH
Wednesday 26-07-2023	510209	NETWORK DESIGN AND ANALYSIS
Friday 28-07-2023	510210	DATA ALGORITHMS
Tuesday 01-08-2023	510211	\$ ELECTIVE - II

SEMESTER - I
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	510201	RESEARCH METHODOLOGY
Thursday 27-07-2023	510202	NETWORK SECUTIRY
Monday 31-07-2023	510203	WIRELESS SENSOR NETWORKS
Wednesday 02-08-2023	510204	HIGH PERFORMANCE NETWORKS
Friday 04-08-2023	510205	\$ ELECTIVE - I

NOTE: -

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

MAR/APR

**SECOND YEAR M.E. COMPUTER NETWORKS (2017
PAT.)/F-2023**

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	610201	FAULT TOLERANT SYSTEMS
Thursday 08-06-2023	610202	MOBILE AD HOC NETWORKS
Saturday 10-06-2023	610203	\$ ELECTIVE - III

NOTE: -

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

MAR/APR

SEMESTER - II
Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	510408	NETWORK SECURITY
Wednesday 26-07-2023	510409	DISASTER RECOVERY AND MANAGEMENT
Friday 28-07-2023	510410	FUNDAMENTALS OF BLOCK CHAIN
Tuesday 01-08-2023	510411	\$ ELECTIVE - II

SEMESTER - I
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	510401	MATHEMATICAL FOUNDATIONS FOR CYBER SECURITY
Thursday 27-07-2023	510402	MODERN CRYPTOGRAPHY
Monday 31-07-2023	510403	SECURE SOFTWARE DESIGN, CODING PRACTICES AND ETHICS
Wednesday 02-08-2023	510101	RESEARCH METHODOLOGY
Friday 04-08-2023	510405	\$ ELECTIVE - I

NOTE: -

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

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	610401	CLOUD SECURITY
Thursday 08-06-2023	610402	CYBER SECURITY AND IT INFRASTRUCTURE PROTECTION
Saturday 10-06-2023	610403	\$ ELECTIVE - III

NOTE: -

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

FIRST YEAR M.E. ELECTRICAL (CONTROL SYSTEMS) (2017 PAT.)/F-2023

SEMESTER - II
Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	503107	MULTIVARIABLE AND OPTIMAL CONTROL SYSTEM
Wednesday 26-07-2023	503108	CONTROL OF POWER ELECTRONICS CIRCUITS
Friday 28-07-2023	503109	DIGITAL SIGNAL PROCESSING AND ITS APPLICATIONS
Tuesday 01-08-2023	503110	\$ ELECTIVE - II

SEMESTER - I
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	503101	OPTIMIZATION TECHNIQUES IN CONTROL SYSTEM
Thursday 27-07-2023	503102	AUTOMATION IN MANUFACTURING
Monday 31-07-2023	503103	NON LINEAR CONTROL SYSTEM
Wednesday 02-08-2023	503104	RESEARCH METHODOLOGY
Friday 04-08-2023	503105	\$ ELECTIVE - I

NOTE: -

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

SECOND YEAR M.E. ELECTRICAL (CONTROL SYSTEMS) (2017 PAT.)/F-2023

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	603101	ADVANCED DRIVES AND CONTROL
Thursday 08-06-2023	603102	SYSTEM IDENTIFICATION & ADAPTIVE CONTROL
Saturday 10-06-2023	603103	\$ ELECTIVE - III

NOTE: -

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

MAR/APR

**FIRST YEAR M.E. ELECTRICAL (POWER
ELECTRONICS & DRIVES) (2017 PAT.)/F-2023**

SEMESTER - II
Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	503307	AC AND DC DRIVES
Wednesday 26-07-2023	503308	POWER CONVERTERS II
Friday 28-07-2023	503309	ADVANCED CONTROL SYSTEMS
Tuesday 01-08-2023	503310	\$ ELECTIVE - II

SEMESTER - I
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	503301	LINEAR SYSTEMS THEORY AND DESIGN
Thursday 27-07-2023	503302	MODELLING AND ANALYSIS OF ELECTRICAL MACHINES
Monday 31-07-2023	503303	POWER COVERTERS I
Wednesday 02-08-2023	503304	RESEARCH METHODOLOGY
Friday 04-08-2023	503305	\$ ELECTIVE - I

NOTE: -

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

MAR/APR

**SECOND YEAR M.E. ELECTRICAL (POWER
ELECTRONICS & DRIVES) (2017 PAT.)/F-2023**

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	603301	SPECIAL APPLICATIONS OF POWER ELECTRONICS
Thursday 08-06-2023	603302	ENERGY MANAGEMENT AND POWER QUALITY
Saturday 10-06-2023	603303	\$ ELECTIVE - III

NOTE: -

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

MAR/APR

**FIRST YEAR M.E. ELECTRICAL (POWER SYSTEMS)
(2017 PAT.)/F-2023**

SEMESTER - II
Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	503207	POWER SYSTEM DYNAMICS
Wednesday 26-07-2023	503208	POWER SYSTEM PLANNING & RELIABILITY
Friday 28-07-2023	503209	HVDC AND FLEXIBLE AC TRANSMISSION
Tuesday 01-08-2023	503210	\$ ELECTIVE - II

SEMESTER - I
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	503201	COMPUTER APPLICATIONS IN POWER SYSTEMS
Thursday 27-07-2023	503202	POWER SECTOR ECONOMICS AND MANAGEMENT
Monday 31-07-2023	503203	POWER SYSTEM MODELING
Wednesday 02-08-2023	503204	RESEARCH METHODOLOGY
Friday 04-08-2023	503205	\$ ELECTIVE - I

NOTE: -

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

MAR/APR

SECOND YEAR M.E. ELECTRICAL (POWER SYSTEMS) (2017 PAT.)/F-2023

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	603201	ADVANCED POWER SYSTEM PROTECTION
Thursday 08-06-2023	603202	POWER QUALITY ASSESSMENT & MITIGATION
Saturday 10-06-2023	603203	\$ ELECTIVE - III

NOTE: -

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

MAR/APR

**SECOND YEAR M.E. ELECTRONICS &
TELECOMMUNICATION (COMMUNICATION
NETWORK) (2017 PAT.)/F-2023**

SEMESTER - II
Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	504507	TRAFFIC ANALYSIS AND QOS
Wednesday 26-07-2023	504508	BROADBAND WIRELESS TECHNOLOGIES
Friday 28-07-2023	504509	SDR AND COGNITIVE RADIO
Tuesday 01-08-2023	504510	\$ ELECTIVE - II

SEMESTER - I
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	504501	MODELLING AND SIMULATION OF COMMUNICATION NETWORKS
Thursday 27-07-2023	504502	HIGH SPEED COMMUNICATION NETWORKS
Monday 31-07-2023	504503	NETWORK SECURITY
Wednesday 02-08-2023	504504	* RESEARCH METHODOLOGY
Friday 04-08-2023	504505	\$ ELECTIVE - I

NOTE: -

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

* Common to E&TC All Branches and Electronics Branch- 2017 Credit Pattern.

MAR/APR

**SECOND YEAR M.E. ELECTRONICS &
TELECOMMUNICATION (COMMUNICATION
NETWORK) (2017 PAT.)/F-2023**

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	604501	4G LTE CELLULAR SYSTEMS
Thursday 08-06-2023	604502	MODERN COMMUNICATION RECEIVER DESIGN & TECHNOLOGY
Saturday 10-06-2023	604503	\$ ELECTIVE - III

NOTE: -

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

MAR/APR

SEMESTER - II
Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	504608	EMBEDDED SYSTEM DESIGN
Wednesday 26-07-2023	504609	CLOUD ARCHITECTURE & PROTOCOLS
Friday 28-07-2023	504610	IOT ARCHITECTURE AND PROTOCOLS
Tuesday 01-08-2023	504611	\$ ELECTIVE - II

SEMESTER - I
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	504601	SENSORS & MEASUREMENTS
Thursday 27-07-2023	504602	DATA COMMUNICATION & NETWORKING
Monday 31-07-2023	504603	WIRELESS SENSOR NETWORK FOR IOT
Wednesday 02-08-2023	504604	*RESEARCH METHODOLOGY
Friday 04-08-2023	504605	\$ ELECTIVE - I

NOTE: -

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

* Common to E&TC All Branches and Electronics Branch- 2017 Credit Pattern.

**SY M.E. ELECTRONICS & TELECOMMUNICATION
(ME E&TC Iot and sensor system) (2020) (2017
PAT.)/F-2023**

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	604601	MICROSYSTEM FABRICATION
Thursday 08-06-2023	604602	IOT APPLICATIONS & WEB DEVELOPMENT
Saturday 10-06-2023	604603	\$ ELECTIVE - III

NOTE: -

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

MAR/APR

**FIRST YEAR M.E. ELECTRONICS &
TELECOMMUNICATION (MICROWAVE) (2017
PAT.)/F-2023**

SEMESTER - II
Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	504307	COMPUTATIONAL ELECTROMAGNETICS
Wednesday 26-07-2023	504308	RF AND MMIC TECHNOLOGY
Friday 28-07-2023	504309	WIRELESS COMMUNICATION SYSTEM
Tuesday 01-08-2023	504310	\$ ELECTIVE - II

SEMESTER - I
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	504301	ELECTROMAGNETICS AND ANTENNA THEORY
Thursday 27-07-2023	504302	RF AND MICROWAVE CIRCUITS
Monday 31-07-2023	504303	MICROWAVE MEASUREMENTS
Wednesday 02-08-2023	504104	* RESEARCH METHODOLOGY
Friday 04-08-2023	504305	\$ ELECTIVE - I

NOTE: -

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

* Common to E&TC All Branches and Electronics Branch- 2017 Credit Pattern.

MAR/APR

**SECOND YEAR M.E. ELECTRONICS &
TELECOMMUNICATION (MICROWAVE) (2017
PAT.)/F-2023**

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	604301	EMI AND EMC TECHNIQUES
Thursday 08-06-2023	604302	RADAR AND SATELLITE COMMUNICATION
Saturday 10-06-2023	604103	\$ ELECTIVE - III

NOTE: -

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

MAR/APR

**FIRST YEAR M.E. ELECTRONICS &
TELECOMMUNICATION (SIGNAL PROCESSING)
(2017 PAT.)/F-2023**

SEMESTER - II
Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	504407	BIOMEDICAL SIGNAL PROCESSING
Wednesday 26-07-2023	504408	SPEECH PROCESSING
Friday 28-07-2023	504409	COMPUTER VISION
Tuesday 01-08-2023	504410	\$ ELECTIVE - II

SEMESTER - I
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	504401	MATHEMATICS FOR SIGNAL PROCESSING
Thursday 27-07-2023	504402	DIGITAL IMAGE AND VIDEO PROCESSING
Monday 31-07-2023	504403	ADVANCED DIGITAL SIGNAL PROCESSING
Wednesday 02-08-2023	504404	* RESEARCH METHODOLOGY
Friday 04-08-2023	504405	\$ ELECTIVE - I

NOTE: -

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

* Common to E&TC All Branches and Electronics Branch- 2017 Credit Pattern.

MAR/APR

**SECOND YEAR M.E. ELECTRONICS &
TELECOMMUNICATION (SIGNAL PROCESSING)
(2017 PAT.)/F-2023**

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	604401	STATISTICAL SIGNAL PROCESSING
Thursday 08-06-2023	604402	STILL IMAGE AND VIDEO COMPRESSION
Saturday 10-06-2023	604403	\$ ELECTIVE - III

NOTE: -

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

MAR/APR

**FIRST YEAR M.E. ELECTRONICS &
TELECOMMUNICATION (VLSI & EMBEDDED
SYSTEMS) (2017 PAT.)/F-2023**

SEMESTER - II
Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	504207	ANALOG CMOS DESIGN
Wednesday 26-07-2023	504208	SYSTEM ON CHIP
Friday 28-07-2023	504209	EMBEDDED AUTOMOTIVE SYSTEMS
Tuesday 01-08-2023	504210	\$ ELECTIVE - II

SEMESTER - I
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	504201	DIGITAL CMOS DESIGN
Thursday 27-07-2023	504202	RECONFIGURABLE COMPUTING
Monday 31-07-2023	504203	EMBEDDED SYSTEM DESIGN
Wednesday 02-08-2023	504204	* RESEARCH METHODOLOGY
Friday 04-08-2023	504205	\$ ELECTIVE - I

NOTE: -

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

* Common to E & TC All Branches and Electronics Branch- 2017 Credit Pattern.

MAR/APR

**SECOND YEAR M.E. ELECTRONICS &
TELECOMMUNICATION (VLSI & EMBEDDED
SYSTEMS) (2017 PAT.)/F-2023**

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	604201	TESTING AND VERIFICATION OF VLSI CIRCUITS
Thursday 08-06-2023	604202	ASIC DESIGN
Saturday 10-06-2023	604203	\$ ELECTIVE - III

NOTE: -

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

MAR/APR

FY M.E. ELECTRONICS & TELECOMMUNICATION
(Wireless Communication Technology) (2020)
(2017 PAT.)/F-2023

SEMESTER - II
Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	504608	SIGNAL PROCESSING WIRELESS COMMUNICATION
Wednesday 26-07-2023	504609	INFORMATION THEORY AND CODING
Friday 28-07-2023	504610	ANTENNAS FOR MODERN WIRELESS COMMUNICATIONS
Tuesday 01-08-2023	504611	\$ ELECTIVE - II

SEMESTER - I
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	504601	ADVANCED DIGITAL COMMUNICATIONS
Thursday 27-07-2023	504602	CELLULAR WIRELESS COMMUNICATIONS
Monday 31-07-2023	504603	PROBABILITY AND STOCHASTIC PROCESSES
Wednesday 02-08-2023	504604	*RESEARCH METHODOLOGY
Friday 04-08-2023	504605	\$ ELECTIVE - I

NOTE: -

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

* Common to E & TC All Branches and Electronics Branch- 2017 Credit Pattern.

SY M.E. ELECTRONICS & TELECOMMUNICATION
(Wireless Communication Technology) (2020)
(2017 PAT.)/F-2023

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	604601	ADVANCED WIRELESS NETWORKS
Thursday 08-06-2023	604602	SDR AND COGNITIVE RADIO
Saturday 10-06-2023	604603	\$ ELECTIVE - III

NOTE: -

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

MAR/APR

**FIRST YEAR M.E. ELECTRONICS (DIGITAL
SYSTEMS) (2017 PAT.)/F-2023**

SEMESTER - II
Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	504107	ADVANCED DSP PROCESSORS
Wednesday 26-07-2023	504108	PLD'S AND ASIC DESIGN
Friday 28-07-2023	504109	IMAGE PROCESSING AND COMPUTER VISION
Tuesday 01-08-2023	504110	\$ ELECTIVE - II

SEMESTER - I
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	504101	ANALOG & DIGITAL CMOS DESIGN
Thursday 27-07-2023	504102	MULTIRATE SIGNAL PROCESSING
Monday 31-07-2023	504103	EMBEDDED SYSTEM DESIGN
Wednesday 02-08-2023	504104	* RESEARCH METHODOLOGY
Friday 04-08-2023	504105	\$ ELECTIVE - I

NOTE: -

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

* Common to Electronics Branch and E& TC All Branches - 2017 Credit Pattern.

SECOND YEAR M.E. ELECTRONICS (DIGITAL SYSTEMS) (2017 PAT.)/F-2023

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	604101	SYSTEM ON CHIP DESIGN
Thursday 08-06-2023	604102	WIRELESS SENSORS NETWORK FOR IOT
Saturday 10-06-2023	604103	\$ ELECTIVE - III

NOTE: -

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

MAR/APR

SEMESTER - II
Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	511507	ROBOT PROGRAMMING
Wednesday 26-07-2023	511508	ADVANCED ROBOT KINEMATICS AND DYNAMICS
Friday 28-07-2023	511509	ROBOT VISION SYSTEM
Tuesday 01-08-2023	511510	\$ ELECTIVE - II

SEMESTER - I
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	511501	COMPUTATIONAL MATHEMATICS
Thursday 27-07-2023	511502	ROBOT CONTROL SYSTEM
Monday 31-07-2023	511503	ROBOTICS BASED INDUSTRIAL AUTOMATION
Wednesday 02-08-2023	511504	RESEARCH METHODOLOGY
Friday 04-08-2023	511505	\$ ELECTIVE - I

NOTE: -

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

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	611501	ARTIFICIAL INTELLIGENCE IN ROBOTICS
Thursday 08-06-2023	611502	SOFT COMPUTING IN ROBOTICS
Saturday 10-06-2023	611503	\$ ELECTIVE - III

NOTE: -

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

**FIRST YEAR M.E. INFORMATION TECHNOLOGY
(2017 PAT.)/F-2023**

SEMESTER - II
Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	514407	CYBER SECURITY AND FORENSICS
Wednesday 26-07-2023	514408	CLOUD AND DATA TECHNOLOGIES
Friday 28-07-2023	514409	INFORMATION TECHNOLOGY ORIENTED OPERATIONS RESEARCH
Tuesday 01-08-2023	514410	\$ ELECTIVE - II

SEMESTER - I
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	514401	MATHEMATICAL FOUNDATION OF INFORMATION TECHNOLOGY
Thursday 27-07-2023	514402	ADVANCE SOFTWARE ENGINEERING & PROJECT MANAGEMENT
Monday 31-07-2023	514403	APPLIED ALGORITHMS
Wednesday 02-08-2023	514404	RESEARCH METHODOLOGY
Friday 04-08-2023	514405	\$ ELECTIVE - I

NOTE: -

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

MAR/APR

**SECOND YEAR M.E. INFORMATION TECHNOLOGY
(2017 PAT.)/F-2023**

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	5144013	MOBILE AD-HOC NETWORKS
Thursday 08-06-2023	5144014	ADVANCE OPERATING SYSTEM
Saturday 10-06-2023	5144015	\$ ELECTIVE - III

NOTE: -

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

MAR/APR

**FIRST YEAR M.E. INSTRUMENTATION & CONTROL
(PROCESS INSTRUMENTATION) (2017 PAT.)/F-
2023**

SEMESTER - II
Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	506107	PROCESS DYNAMICS AND CONTROL
Wednesday 26-07-2023	506108	EMBEDDED SYSTEM DESIGN
Friday 28-07-2023	506109	CONTROL SYSTEM
Tuesday 01-08-2023	506110	\$ ELECTIVE - II

SEMESTER - I
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	506101	MATHEMATICAL METHODS IN INSTRUMENTATION
Thursday 27-07-2023	506102	TRANSDUCER DESIGN
Monday 31-07-2023	506103	INDUSTRIAL AUTOMATION
Wednesday 02-08-2023	506104	RESEARCH METHODOLOGY
Friday 04-08-2023	506105	\$ ELECTIVE - I

NOTE: -

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

MAR/APR

**SECOND YEAR M.E. INSTRUMENTATION &
CONTROL (PROCESS INSTRUMENTATION) (2017
PAT.)/F-2023**

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	606101	ADVANCED SIGNAL PROCESSING
Thursday 08-06-2023	606102	BUILDING AUTOMATION
Saturday 10-06-2023	606103	\$ ELECTIVE - III

NOTE: -

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

MAR/APR

**FIRST YEAR M.E. MECHANICAL (COMPUTER AIDED
DESIGN,MANUFACTURE & ENGINEERING) (2017
PAT.)/F-2023**

SEMESTER - II
Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	502407	COMPUTER INTEGRATED MANUFACTURING
Wednesday 26-07-2023	502408	INDUSTRIAL PRODUCT DESIGN & PRODUCT LIFE CYCLE MANAGEMENT
Friday 28-07-2023	502409	AUTOMATED MANUFACTURING SYSTEM MODELLING
Tuesday 01-08-2023	502410	\$ ELECTIVE - II

SEMESTER - I
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	507201	* ADVANCE MATHEMATICS
Thursday 27-07-2023	502402	ADVANCED MACHINE DESIGN
Monday 31-07-2023	502403	COMPUTER AIDED DESIGN
Wednesday 02-08-2023	502104	** RESEARCH METHODOLOGY
Friday 04-08-2023	502405	\$ ELECTIVE - I

NOTE: -

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

* Common to Mechanical (Design & CADM & E) - 2017 Credit Pattern.

** Common to All Mechanical Branches - 2017 Credit Pattern.

MAR/APR

**SECOND YEAR M.E. MECHANICAL (COMPUTER
AIDED DESIGN,MANUFACTURE & ENGINEERING)
(2017 PAT.)/F-2023**

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	602413	SIMULATION MODELING
Thursday 08-06-2023	602414	OPTIMIZATION TECHNIQUES
Saturday 10-06-2023	602415	\$ ELECTIVE - III

NOTE: -

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

MAR/APR

**FIRST YEAR M.E. MECHANICAL (DESIGN
ENGINEERING) (2017 PAT.)/F-2023**

SEMESTER - II
Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	502207	ANALYSIS AND SYSTHESIS OF MECHANISMS
Wednesday 26-07-2023	502208	ADVANCED MECHANICAL VIBRATIONS
Friday 28-07-2023	502209	FINITE ELEMENT METHOD
Tuesday 01-08-2023	502210	\$ ELECTIVE - II

SEMESTER - I
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	507201	* ADVANCED MATHEMATICS
Thursday 27-07-2023	502202	MATERIAL SCIENCE AND MECHANICAL BEHAVIOR OF MATERIALS
Monday 31-07-2023	502203	ADVANCED STRESS ANALYSIS
Wednesday 02-08-2023	502104	** RESEARCH METHODOLOGY
Friday 04-08-2023	502205	\$ ELECTIVE - I

NOTE: -

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

* Common to Mechanical (Automotive Engg. & CADM & E) - 2017 Credit Pattern.

** Common to All Mechanical Branches - 2017 Credit Pattern.

MAR/APR

**SECOND YEAR M.E. MECHANICAL (DESIGN
ENGINEERING) (2017 PAT.)/F-2023**

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	602213	OPTIMIZATION TECHNIQUES
Thursday 08-06-2023	602214	MECHANICAL MEASUREMENTS AND CONTROLS
Saturday 10-06-2023	602215	\$ ELECTIVE - III

NOTE: -

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

MAR/APR

**FIRST YEAR M.E. MECHANICAL (ENERGY
ENGINEERING) (2017 PAT.)/F-2023**

SEMESTER - II
Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	502507	ADVANCED HEAT TRANSFER
Wednesday 26-07-2023	502508	ENERGY CONVERSION AND ENVIRONMENT
Friday 28-07-2023	502509	ADVANCED FLUID MECHANICS
Tuesday 01-08-2023	502510	\$ ELECTIVE - II

SEMESTER - I
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	502501	* ADVANCED MATHEMATICS AND NUMERICAL METHODS
Thursday 27-07-2023	502502	ADVANCED THERMODYNAMICS
Monday 31-07-2023	502503	NON-CONVENTIONAL ENERGY SOURCES
Wednesday 02-08-2023	502104	** RESEARCH METHODOLOGY
Friday 04-08-2023	502505	\$ ELECTIVE - I

NOTE: -

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

* Common to Mechanical (Heat Power) - 2017 Credit Pattern.

** Common to All Mechanical Branches - 2017 Credit Pattern.

MAR/APR

**SECOND YEAR M.E. MECHANICAL (ENERGY
ENGINEERING) (2017 PAT.)/F-2023**

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	602513	ENERGY MANAGEMENT
Thursday 08-06-2023	602514	ENERGY SYSTEMS MODELING AND OPTIMIZATION
Saturday 10-06-2023	602515	\$ ELECTIVE - III

NOTE: -

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

MAR/APR

**FIRST YEAR M.E. MECHANICAL (HEAT POWER)
(2017 PAT.)/F-2023**

SEMESTER - II
Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	502107	ADVANCED HEAT TRANSFER
Wednesday 26-07-2023	502108	AIR CONDITIONING TECHNOLOGY
Friday 28-07-2023	502109	MEASUREMENTS AND CONTROLS
Tuesday 01-08-2023	502110	\$ ELECTIVE - II

SEMESTER - I
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	507101	* ADVANCED MATHEMATICS AND NUMERICAL METHODS
Thursday 27-07-2023	502102	ADVANCED THERMODYNAMICS AND COMBUSTION TECHNOLOGY
Monday 31-07-2023	502103	ADVANCED FLUID MECHANICS
Wednesday 02-08-2023	502104	** RESEARCH METHODOLOGY
Friday 04-08-2023	502105	\$ ELECTIVE - I

NOTE: -

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

* Common to Mechanical (Energy Engineering) - 2017 Credit Pattern.

** Common to All Mechanical Branches - 2017 Credit Pattern.

MAR/APR

**SECOND YEAR M.E. MECHANICAL (HEAT POWER)
(2017 PAT.)/F-2023**

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	602113	COMPUTATIONAL FLUID DYNAMICS
Thursday 08-06-2023	602114	DESIGN OF HEAT TRANSFER EQUIPMENTS
Saturday 10-06-2023	602115	\$ ELECTIVE - III

NOTE: -

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

MAR/APR

**FIRST YEAR M.E. MECHANICAL (MECHATRONICS)
(2017 PAT.)/F-2023**

**SEMESTER - II
Time:-3.00 PM To 6.00 PM**

Day & Date	Paper Code	Subject
Monday 24-07-2023	502807	PLC PROGRAMMING
Wednesday 26-07-2023	502808	CONTROL SYSTEMS - II
Friday 28-07-2023	502809	INDUSTRIAL DRIVES & ACTUATORS
Tuesday 01-08-2023	502810	\$ ELECTIVE - II

**SEMESTER - I
Time:-11.00 AM To 02.00 PM**

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	502801	SYSTEM MODELLING, IDENTIFICATION AND SIMULATION
Thursday 27-07-2023	502802	CONTROL SYSTEMS - I
Monday 31-07-2023	502803	SENSORS, TRANSDUCERS AND INTERFACING TECHNIQUES
Wednesday 02-08-2023	502104	** RESEARCH METHODOLOGY
Friday 04-08-2023	502805	\$ ELECTIVE - I

NOTE: -

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

* * Common to All Mechanical Branches - 2017 Credit Pattern.

**SECOND YEAR M.E. MECHANICAL
(MECHATRONICS) (2017 PAT.)/F-2023**

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	602813	MICROCONTROLLER APPLICATIONS IN EMBEDDED SYSTEMS
Thursday 08-06-2023	602814	FLEXIBLE MANUFACTURING SYSTEMS
Saturday 10-06-2023	602815	\$ ELECTIVE - III

NOTE: -

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

MAR/APR

**FIRST YEAR M.E. PRINTING ENGINEERING &
GRAPHIC COMMUNICATION (2017 PAT.)/F-2023**

SEMESTER - II
Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	508107	COLOUR SCIENCE
Wednesday 26-07-2023	508108	WEB HANDLING ON PRESS
Friday 28-07-2023	508109	SUBSTRATE AND INK
Tuesday 01-08-2023	508110	\$ ELECTIVE - II

SEMESTER - I
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	508101	PROBABILITY, STATISTICS AND REGRASSION ANALYSIS
Thursday 27-07-2023	508102	PRINTING TECHNOLOGY MANAGEMENT
Monday 31-07-2023	508103	MODERN TRENDS IN PRINTING
Wednesday 02-08-2023	508104	RESEARCH METHODOLOGY
Friday 04-08-2023	508105	\$ ELECTIVE - I

NOTE: -

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

MAR/APR

**SECOND YEAR M.E. PRINTING ENGINEERING &
GRAPHIC COMMUNICATION (2017 PAT.)/F-2023**

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	608101	PRINTED ELECTRONICS AND RFID
Thursday 08-06-2023	608102	ADVANCES IN CONVERTING AND PACKAGING
Saturday 10-06-2023	608103	\$ ELECTIVE - III

NOTE: -

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

MAR/APR

**FIRST YEAR M.E. PRODUCTION ENGINEERING
(CAD/CAM) (2017 PAT.)/F-2023**

SEMESTER - II
Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	511305	* COMPUTER INTEGRATED MANUFACTURING
Wednesday 26-07-2023	511306	* ARTIFICIAL INTELLIGENCE & ROBOTICS
Friday 28-07-2023	511307	COMPUTATION TECHNIQUES IN CAD/CAM
Tuesday 01-08-2023	511308	\$ ELECTIVE - II

SEMESTER - I
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	511101	* MATHEMATICS AND STATISTICS
Thursday 27-07-2023	511102	* RESEARCH METHODOLOGY
Monday 31-07-2023	511301	COMPUTER AIDED DESIGN
Wednesday 02-08-2023	511302	COMPUTER AIDED MANUFACTURING
Friday 04-08-2023	511303	\$ ELECTIVE - I

NOTE: -

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

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

**SECOND YEAR M.E. PRODUCTION ENGINEERING
(CAD/CAM) (2017 PAT.)/F-2023**

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	611101	* COMPUTATIONAL INTELLIGENCE IN TOOL DESIGN
Thursday 08-06-2023	511311	COMPUTER AIDED PRODUCTION PLANNING
Saturday 10-06-2023	511312	\$ ELECTIVE - III

NOTE: -

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

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

MAR/APR

**FIRST YEAR M.E. PRODUCTION ENGINEERING
(MANUFACTURING & AUTOMATION) (2017
PAT.)/F-2023**

SEMESTER - II
Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	511305	* COMPUTER INTEGRATED MANUFACTURING
Wednesday 26-07-2023	511306	* ARTIFICIAL INTELLIGENCE & ROBOTICS
Friday 28-07-2023	511109	ADDITIVE MANUFACTURING
Tuesday 01-08-2023	511110	\$ ELECTIVE - II

SEMESTER - I
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	511101	* MATHEMATICS & STATISTICS
Thursday 27-07-2023	511102	* RESEARCH METHODOLOGY
Monday 31-07-2023	511103	ADVANCED MANUFACTURING PROCESSES
Wednesday 02-08-2023	511104	INDUSTRIAL AUTOMATION
Friday 04-08-2023	511105	\$ ELECTIVE - I

NOTE: -

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

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

**SECOND YEAR M.E. PRODUCTION ENGINEERING
(MANUFACTURING & AUTOMATION) (2017
PAT.)/F-2023**

SEMESTER - III
Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	611101	* COMPUTATIONAL INTELLIGENCE IN TOOL DESIGN
Thursday 08-06-2023	611102	MECHATRONICS
Saturday 10-06-2023	611103	\$ ELECTIVE - III

NOTE: -

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

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

MAR/APR

**FIRST YEAR M.E. MECHANICAL (AUTOMOTIVE
ENGINEERING) (2017 PAT.)/F-2023**

SEMESTER - II

Time:-3.00 PM To 6.00 PM

Day & Date	Paper Code	Subject
Monday 24-07-2023	502307	ENGINE COMBUSTION TECHNOLOGY
Wednesday 26-07-2023	502308	NOISE VIBRATION AND HARSHNESS
Friday 28-07-2023	502309	AUTOMOTIVE CHASSIS DESIGN
Tuesday 01-08-2023	502310	\$ ELECTIVE - II

SEMESTER - I

Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 25-07-2023	507201	* ADVANCED MATHEMATICS
Thursday 27-07-2023	502302	AUTOMOTIVE ENGINE DESIGN
Monday 31-07-2023	502303	AUTOMOTIVE SAFETY AND REGULATIONS
Wednesday 02-08-2023	502104	** RESEARCH METHODOLOGY
Friday 04-08-2023	502305	\$ ELECTIVE - I

NOTE: -

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

* Common to Mechanical (Design & CADM & E) - 2017 Credit Pattern.

** Common to All Mechanical Branches - 2017 Credit Pattern.

MAR/APR

SEMESTER - III

Time:-11.00 AM To 02.00 PM

Day & Date	Paper Code	Subject
Tuesday 06-06-2023	602313	VEHICLE DYANMICS
Thursday 08-06-2023	602314	AUTOTRONICS
Saturday 10-06-2023	602315	\$ ELECTIVE - III

NOTE: -

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

Ganeshkhind, Pune - 411 007

Ref.No/XCT:348

Date:09/05/2023

Director,
Board of Examinations and Evaluation