

No.103/BE/Exams/2022

TIME-TABLE

B.E. I Semester AICTE– (Main & Backlog) EXAMINATIONS: March/April 2022 (New QP Pattern)

Time: 10.00 am to 1.00 pm

Date	Civil	Electrical & Electronics	Electronics & Instrumentation	Electronics & Communication	Mechanical/ Production	Automobile	CSE/CME/DS	AI&DS/AI&ML/ IoT	Information Technology
29.03.2022	Mathematics I	Mathematics I	Mathematics I	Mathematics I	Mathematics I	Mathematics I	Mathematics I	Mathematics I	Mathematics I
31.03.2022	Chemistry	Chemistry	Chemistry	==	==	==	Chemistry	==	==
04.04.2022	==	==	==	Physics	Physics	Physics	==	Physics	Physics
07.04.2022	==	==	==	Basic Electrical Engineering	Basic Electrical Engineering	Basic Electrical Engineering	==	Basic Electrical Engineering	Basic Electrical Engineering
11.04.2022	Programming for Problem Solving	==	==	==	==	==	Programming for Problem Solving	==	==
13.04.2022	==	Essence of Indian Traditional Knowledge	Essence of Indian Traditional Knowledge	Indian Constitution	Indian Constitution	Indian Constitution	Essence of Indian Traditional Knowledge	Indian Constitution	Indian Constitution
18.04.2022	Environmental Science	Environmental Science	Environmental Science	==	==	==	Environmental Science	==	==
20.04.2022	==	English	English	==	==	==	==	English	==

Note: 1. This timetable is applicable to the students admitted in Academic year 2020-21 & 2021-22.

2. The Examination Centers should give highest priority to health and safety of all concerned by following the Protocols for preventing COVID-19 pandemic.



Srinavath
Controller of Examinations

OSMANIA UNIVERSITY

Dt. 16-02-2022

No. 103/BE/Exams/2022

TIME-TABLE

B.E. I Semester AICTE– (Backlog) EXAMINATIONS: March/April 2022 (Old QP Pattern)

Time: 10.00 am to 01.00 pm

Date	Civil	Electrical & Electronics	Electronics & Instrumentation	Electronics & Communication	Mechanical/ Production	Automobile	CSE/CME	Information Technology
29.03.2022	Mathematics I	Mathematics I	Mathematics I	Mathematics I	Mathematics I	Mathematics I	Mathematics I	Mathematics I
31.03.2022	Chemistry	Chemistry	Chemistry	Chemistry	==	==	Chemistry	==
04.04.2022	==	==	==	Physics	Physics	Physics	Physics	Physics
07.04.2022	==	==	==	Basic Electrical Engineering	Basic Electrical Engineering	Basic Electrical Engineering	Basic Electrical Engineering	Basic Electrical Engineering
11.04.2022	Programming for Problem Solving	Programming for Problem Solving	Programming for Problem Solving	Programming for Problem Solving	==	==	Programming for Problem Solving	==
13.04.2022	Essence of Indian Traditional Knowledge	Essence of Indian Traditional Knowledge	Essence of Indian Traditional Knowledge	Indian Constitution	Indian Constitution	Indian Constitution	Essence of Indian Traditional Knowledge	Indian Constitution
18.04.2022	Environmental Science	Environmental Science	Environmental Science	==	==	==	Environmental Science	==

Note: 1. This timetable is applicable to the students admitted in Academic year 2018-19 & 2019-20.

2. The Examination Centers should give highest priority to health and safety of all concerned by following the Protocols for preventing COVID-19 pandemic.



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TIME-TABLE

B.E. II Semester AICTE – (Backlog) Examinations: March/April 2022 (New QP Pattern)

Time: 10.00 am to 01.00 pm

Date	Civil	Electrical & Electronics	Electronics & Instrumentation	Electronics & Communication	Mechanical/ Production	Automobile	CSE/CME/DS	AI&DS/AI&ML/ IoT	Information Technology
28.03.2022	English	===	===	English	English	English	English	===	English
30.03.2022	Mathematics-II	Mathematics-II	Mathematics-II	Mathematics-II	Mathematics-II	Mathematics-II	Mathematics-II	Mathematics-II	Mathematics-II
01.04.2022	===	Indian Constitution	Indian Constitution	Essence of Indian Traditional Knowledge	Essence of Indian Traditional Knowledge	Essence of Indian Traditional Knowledge	Indian Constitution	Essence of Indian Traditional Knowledge	Essence of Indian Traditional Knowledge
06.04.2022	Engg Physics	Engg Physics	Engg Physics	===	===	===	Physics	===	===
08.04.2022	===	===	===	Engg Chemistry	Engg Chemistry	Engg Chemistry	===	Chemistry	Chemistry
12.04.2022	===	Basic Electrical Engineering	Basic Electrical Engineering	===	===	===	Basic Electrical Engineering	===	===
16.04.2022	===	Programming for Problem Solving	Programming for Problem Solving	Programming for Problem Solving	Programming for Problem Solving	Programming for Problem Solving	===	Programming for Problem Solving	Programming for Problem Solving
19.04.2022	Engg Mechanics	===	===	Environmental Science	Environmental Science	Environmental Science	===	Environmental Science	Environmental Science

Note: 1. This timetable is applicable to the students admitted in Academic year 2020-21.

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TIME-TABLE

B.E. II Semester AICTE – (Backlog) Examinations: March/April 2022 (Old QP Pattern)

Time: 10.00 am to 01.00 pm

Date	Civil	Electrical & Electronics	Electronics & Instrumentation	Electronics & Communication	Mechanical/ Production	Automobile	CSE/CME	Information Technology
28.03.2022	English	English	English	English	English	English	English	English
30.03.2022	Mathematics-II	Mathematics-II	Mathematics-II	Mathematics-II	Mathematics-II	Mathematics-II	Mathematics-II	Mathematics-II
01.04.2022	Indian Constitution	Indian Constitution	Indian Constitution	Essence of Indian Traditional Knowledge	Essence of Indian Traditional Knowledge	Essence of Indian Traditional Knowledge	Indian Constitution	Essence of Indian Traditional Knowledge
06.04.2022	Physics	Physics	Physics	Physics	====	====	Physics	====
08.04.2022	====	====	====	Chemistry	Chemistry	Chemistry	Chemistry	Chemistry
12.04.2022	Basic Electrical Engineering	Basic Electrical Engineering	Basic Electrical Engineering	Basic Electrical Engineering	====	====	Basic Electrical Engineering	====
16.04.2022	====	====	====	Programming for Problem Solving	Programming for Problem Solving	Programming for Problem Solving	Programming for Problem Solving	Programming for Problem Solving
19.04.2022	====	====	====	Environmental Science	Environmental Science	Environmental Science	====	Environmental Science

- Note: 1. This timetable is applicable to the students admitted in Academic year 2018-19 & 2019-20.
2. The Examination Centers should give highest priority to health and safety of all concerned by following the Protocols for preventing COVID-19 pandemic.

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TIME-TABLE

B.E. III Semester AICTE– (Main) EXAMINATIONS: March/April 2022 (New QP Pattern)

Time: 02.00 pm to 05.00 pm

Date	Civil	Electrical & Electronics	Electronics & Instrumentation	Electronics & Communication	Mechanical	Production	Automobile
07.03.2022	Mathematics-III	Mathematics-III	Mathematics-III	Probability Theory & Stoc. Processes	Mathematics-III	Mathematics-III	Mathematics-III
09.03.2022	Solid Mechanics	Engg Mechanics	Engg Mechanics	Digital Electronics	Engg Mechanics-I	Engg Mechanics-I	Engg Mechanics-I
11.03.2022	Building Materials & Construction	Electromagnetic Fields	Electromagnetic Fields	Finance & Accounting	Finance & Accounting	Finance & Accounting	Finance & Accounting
15.03.2022	Basic Electrical Engineering	Electrical Circuit Analysis	Network Analysis	Network Theory	Basic Electronics	Basic Electronics	Basic Electronics
17.03.2022	Fluid Mechanics	Electrical Machines-I	Transducers Engineering	Electronic Devices	Metallurgy & Material Science	Metallurgy & Material Science	Fluid Mechanics & Machinery
21.03.2022	Surveying and Geomatics	Analog Electronic Circuits	Analog Electronic Circuits	=====	Thermodynamics	Machine Drawing	Thermal Engineering
23.03.2022	=====	=====	=====	Effective Tech Comm. in English	Effective Tech Comm. in English	Effective Tech Comm. in English	Effective Tech Comm. in English

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Note: 1. This timetable is applicable to the students admitted in Academic year 2020-21

2. The Examination Centers should give highest priority to health and safety of all concerned by following the Protocols for preventing COVID-19 pandemic.


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TIME-TABLE

B.E. III Semester AICTE– (Main) EXAMINATIONS: March/April 2022 (New QP Pattern)

Time: 02.00 pm to 05.00 pm

Date	CSE	CME	CSE (DS)	CSE (AI&DS)	CSE (AI&ML)	IoT	Information Technology
07.03.2022	Operation Research	Operation Research	Operation Research	Mathematic –III	Mathematics III (Probability & Statistics)	Engineering Mathematics III (Probability & Statistics)	Mathematics III (Probability & Statistics)
09.03.2022	Digital Electronics	Digital Electronics	==	Digital Electronics	Digital Electronics	Computer Organization	Digital Electronics
11.03.2022	Discrete Mathematics	Discrete Mathematics	Discrete Mathematics	Discrete Mathematics	Finance & Accounting	Computer Networks	Finance & Accounting
15.03.2022	Basic Electronics	Basic Electronics	Basic Electronics	Basic Electronics	Automata Languages and Computation	Environmental Sciences	Basic Electronics
17.03.2022	Data Structures and Algorithms	Data Structures and Algorithms	Data Structures and Algorithms	Data Structures & Algorithms	Data Structures and Algorithms	Data Structures using Python	Data Structures
21.03.2022	OOPS Using Java	Programming Languages	Programming Languages	OOPS Using Java	Gender Sensitization	OOPS using Java Programming	Mathematical Foundations of IT
23.03.2022	==	==	Python Programming	==	Python Programming	==	Effective Tech Comm. in English

Note: 1. This timetable is applicable to the students admitted in Academic year 2020-21

2. The Examination Centers should give highest priority to health and safety of all concerned by following the Protocols for preventing COVID-19 pandemic.



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Controller of Examinations

TIME-TABLE

B.E. III Semester AICTE– (Backlog) EXAMINATIONS: March/April 2022 (Old QP Pattern)

Time: 02.00 pm to 05.00 pm

Date	Civil	Electrical & Electronics	Electronics & Instrumentation	Electronics & Communication	Mechanical/ Production	Automobile	CSE	CME	Information Technology
07.03.2022	Environmental Science	Environmental Science	Environmental Science	Indian Constitution	Indian Constitution	Indian Constitution	Environmental Science	Data Structures	Indian Constitution
09.03.2022	Essence of Indian Traditional Knowledge	Essence of Indian Traditional Knowledge	Essence of Indian Traditional Knowledge	Effective Technical Comm. in English	Effective Technical Comm. in English	Effective Technical Comm. in English	Essence of Indian Traditional Knowledge	==	Effective Technical Comm. in English
11.03.2022	Surveying and Geomatics	Electrical Circuit Analysis	Network theory	Network theory	==	==	Operations Research	Operations Research	Data Structures
15.03.2022	Industrial Psychology	Industrial Psychology	Industrial Psychology	Finance and Accounting	Finance and Accounting	Finance and Accounting	Data Structures & Algorithms	Logic and Switching Theory	Finance and Accounting
17.03.2022	Biology for Engineers	Biology for Engineers	Biology for Engineers	Mathematics III	Mathematics III	Mathematics III	Biology for Engineers	Biology for Engineers	==
21.03.2022	Engineering Mechanics	Engineering Mechanics	Engineering Mechanics	Elements of Mech. Engineering	Engineering Mechanics	Engineering Mechanics	Discrete Mathematics	Basic Electronics Engineering	Mathematical Foundation of I.T.
23.03.2022	Energy Sciences & Engineering	Energy Sciences & Engineering	Energy Sciences & Engineering	Electronic Devices (N/O)	Basic Electronics	Basic Electronics	Basic Electronics	Discrete Structures & Mathematical Logic	Basic Electronics
25.03.2022	Solid Mechanics	Electromagnetic Fields	Electromagnetic Fields	Digital Electronics (N/O)	Metallurgy and Material Science	Fluid Mechanics and Machinery	Digital Electronics	==	Digital Electronics
26.03.2022	Engineering Geology	Analog Electronics	Analog Electronics	Probability Theory & Stochastic Processes	Thermodynamics	Thermal Engineering	Programming Languages	Mathematics III (Probability & Statistics)	Mathematics III (Probability & Statistics)

Note: 1. This timetable is applicable to the students admitted in Academic year 2018-19 & 2019-20.

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Controller of Examinations

No.103 /BE/Exams/2022

TIME-TABLE

B.E. IV Semester AICTE– (Backlog) EXAMINATIONS: March/April 2022
Time: 02.00 pm to 05.00 pm

Date	Civil	Electrical & Electronics	Electronics & Instrumentation	Electronics & Communication	Mechanical	Production	Automobile	CSE	CME	Information Technology
29.03.2022	Effective Technical Communication in English	Effective Technical Communication in English	Effective Technical Communication in English	Human Values & Professional Ethics/Biology for Engineers	Biology for Engineers	Biology for Engineers	Biology for Engineers	Effective Technical Communication in English	Effective Technical Communication in English	Biology for Engineers
31.03.2022	Finance and Accounting	Finance and Accounting	Finance and Accounting	Electromagnetic Theory and Transmission Lines	Kinematics of Machinery	Kinematics of Machinery	Kinematics of Machinery	Finance and Accounting	Finance and Accounting	Operations Research
04.04.2022	Mathematics – III	Mathematics – III	Mathematics – III	Industrial Psychology	Industrial Psychology	Industrial Psychology	Industrial Psychology	Mathematics – III	Operating System Concepts	Database Systems
07.04.2022	Elements of Mechanical Engineering	Elements of Mechanical Engineering	Elements of Mechanical Engineering	Signals and Systems	Manufacturing Processes	Manufacturing Processes	Metallurgy & Material Testing	Signals and Systems	==	Signals and Systems
11.04.2022	Mechanics of Materials and Structures	Electrical Machines – I	Transducers Engineering	Computer Organization and Architecture	Mechanics of Materials	Mechanics of Materials	Mechanics of Materials	OOP using JAVA	OOP using JAVA	JAVA Programming
13.04.2022	Fluid Mechanics	Digital Electronics and Logic Design	Digital Electronics and Logic Design	Analog Electronic Circuits	Energy Sciences and Engineering	Energy Sciences and Engineering	Energy Sciences and Engineering	Computer Organization	Computer Organization and Microprocessor	Computer Organization and Microprocessor
18.04.2022	Materials: Testing and Evaluation	Power Electronics	Power Electronics	Pulse & Digital Circuits / Pulse & Linear Integrated Circuits	Applied Thermodynamics	Applied Thermodynamics and Heat Transfer	Automotive chassis Components	Database Management Systems	Database Management Systems	Data Communications
20.04.2022	Indian Constitution	Indian Constitution	Indian Constitution	Environmental Science	Environmental Science	Environmental Science	Environmental Science	Indian Constitution	==	Environmental Science
21.04.2022	==	==	==	Essence of Indian Traditional knowledge	Essence of Indian Traditional knowledge	Essence of Indian Traditional knowledge	Essence of Indian Traditional knowledge	==	==	Essence of Indian Traditional knowledge



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Dt. 16-02-2022

No. 103/BE/Exams/2022

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B.E. V Semester AICTE– (Main & Backlog) EXAMINATIONS: March/April 2022
Time: 10.00 am to 01.00 pm

Date	Civil	Electrical & Electronics	Electronics & Instrumentation	Electronics & Communication	Mechanical	Production	Automobile	CSE	CME	Information Technology
08.03.2022	Structural Analysis - I	Electrical Machines - II	Instrumentation Systems	Analog Communication	Fluid Mechanics and Hydraulic Machinery	Machine Tool Design	Internal Combustion Engines	Software Engineering	Software Engineering	Software Engineering
10.03.2022	Hydraulic Engineering	Power Systems – I/ Renewable Energy Sources*	Power Plant Instrumentation	Digital Signal Processing	Design of Machine Elements	Design of Machine Elements	Automotive Transmission	Operating Systems	Design Analysis and Algorithms	Operating Systems
14.03.2022	Str. Engg. Design & Detailing	Linear Control Systems	Linear Control Systems	Automatic Control Systems	Dynamics of Machines	Dynamics of Machines	Dynamics of Machines	Automata Language & Computation	Artificial Intelligence	Web Application Development
16.03.2022	Geotechnical Engineering	Microprocessors and Microcontrollers	Microprocessors and Microcontrollers	Microprocessors and Microcontrollers	Metal cutting and Machine Tools	Metal Cutting and Machine Tools	Design of Machine Components	Professional Elective – I	Automata Theory & Compiler Design	Professional Elective – I
19.03.2022	Hydrology & water Resources Engineering	Signals and Systems	Signals and Systems	Antennas and Wave Propagation	Heat Transfer	Computer Aided Design and Manufacturing	Heat Transfer	Professional Elective – II	Signals & Systems	Automata Theory
22.03.2022	Transportation Engineering	Professional Elective – I	Professional Elective – I	==	==	==	==	Professional Elective – III	Professional Elective – I	Computer Networks

- Note: 1. * is applicable only to Methodist college EEE department readmitted students from change of scheme i.e, CBCS scheme to AICTE (2021-22)
2. The ECE students of Matrusri Engg. College, should write the Human Values & Professional Ethics subject along with BE IV Sem. (Backlog) students.
3. The Examination Centers should give highest priority to health and safety of all concerned by following the Protocols for preventing COVID-19 pandemic.

Professional Electives:- See Annexure - I



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V - SEMESTER ELECTIVES

Electrical & Electronics	Electronics & Instrumentation	CSE	CME	Information Technology
<p>Professional Electives – I</p> <ul style="list-style-type: none"> ● Electric Distribution System ● Renewable Energy Sources ● Hybrid Electric Vehicles 	<p>Professional Electives – I</p> <ul style="list-style-type: none"> ● Building Management Systems ● Principles of Communication Engineering ● Advanced Sensors 	<p>Professional Electives – I</p> <ul style="list-style-type: none"> ● Artificial Intelligence ● Advanced Computer Architecture ● Image Processing <p>Professional Electives – II</p> <ul style="list-style-type: none"> ● Web and Internet Technologies ● Embedded Systems ● Graph Theory ● Data Analytics <p>Professional Electives – III</p> <ul style="list-style-type: none"> ● Block Chain Technologies ● Information Retrieval Systems ● Soft Computing ● Computer Graphics 	<p>Professional Electives – I</p> <ul style="list-style-type: none"> ● Web and Internet Technology ● Computer Graphics ● Advanced Computer Architecture ● Information Retrieval System 	<p>Professional Electives – I</p> <ul style="list-style-type: none"> ● Artificial Intelligence ● Computer Graphics ● Image Processing



No. 103/BE/Exams/2022

Dt. 16-02-2022

TIME-TABLE

B.E. VI Semester AICTE– (Backlog) EXAMINATIONS: March/April 2022
Time: 02.00 pm to 05.00 pm

Date	Civil	EEE	EIE	ECE	Mechanical	Production	Automobile	CSE	Information Technology
28.03.2022	Environmental Engineering	Power Systems – II	Biomedical Instrumentation	Digital Communication	Machine Design	Machine Design	Design of Automotive Components	Compiler Design	Embedded Systems
30.03.2022	Estimation and Specifications	Digital Signal Processing & Applications	Digital Signal Processing and Applications	Digital system Design with Verilog	Metrology and Instrumentation	Metrology and Instrumentation	Computer Aided Design, Analysis & Manufacturing	Computer Networks	Design and Analysis of Algorithms
01.04.2022	Professional Elective - I	Utilization of Electrical Energy	Process Control	Data Communication and Computer Networking	Finite Element Analysis	Finite Element Analysis	Production Technology	Design and Analysis of Algorithms	Professional Elective -II
06.04.2022	Professional Elective -II	Electrical Measurements and Instrumentation	Electrical Measurements and Instrumentation	Electronic Measurement and Instrumentation	Professional Elective -I	Professional Elective -I	Professional Elective -I	Professional Elective -IV	Professional Elective -III
08.04.2022	Professional Elective -III	Open Elective - II	Open Elective - II	Professional Elective -I	Professional Elective -II	Professional Elective -II	Professional Elective -II	Professional Elective -V	Professional Elective - IV
12.04.2022	Open Elective - I	Open Elective - I	Open Elective - I	Open Elective - I	Open Elective - I	Open Elective - I	Open Elective - I	Open Elective - I	Open Elective - I

Professional Electives:- See Annexure – II& III



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ANNEXURE – II

VI - SEMESTER PROFESSIONALELECTIVES

Civil	ECE	Mechanical	Production	Automobile	Computer Science	Information Technology
<p>Prof. Elect. –I</p> <ul style="list-style-type: none"> • Design of Hydraulic Structures • Structural Analysis – II • Foundation Engg. • Railway & Airport Engg. <p>Prof. Elect. –II</p> <ul style="list-style-type: none"> • Design of Concrete Structures-I • Traffic Engg. & Mgmt. • Sustainable Construction Methods • Open Channel Flow & River Engg. <p>Prof. Elect. –III</p> <ul style="list-style-type: none"> • Steel Structures • Ground Water Engg. • Geotechnical Design • Environmental Impact Assesment of Transporation Projects 	<p>Prof. Elect. –I</p> <ul style="list-style-type: none"> • Image Video Processing • Advanced Microcontrollers • Optical Communicaitons • IOT Sensors 	<p>Prof. Elect. –I</p> <ul style="list-style-type: none"> • CAD/CAM • Automobile Engineering • Modern Machining & Forming Methods <p>Prof. Elect. –II</p> <ul style="list-style-type: none"> • Thermal Turbo Machines • Production & Operations Mgmt. • Design for Manufacture 	<p>Prof. Elect. –I</p> <ul style="list-style-type: none"> • Additive Manufacturing Technology • Automobile Engineering <p>Prof. Elect. –II</p> <ul style="list-style-type: none"> • Entrepreneurship Development • Plastic Engg. & Technology • Design for Manufacture 	<p>Prof. Elect. –I</p> <ul style="list-style-type: none"> • Performance & Testing of Automotive Vehicles • Material Handling & Earth Moving Vehicles • Electric & Hybrid Vehicles <p>Prof. Elect. –II</p> <ul style="list-style-type: none"> • Vehicle Dynamics • Finite Element Methods • Autotronics 	<p>Prof. Elect. –IV</p> <ul style="list-style-type: none"> • Advanced Operating Systems • Cloud Computing • Speech & Natural Language Processing • Machine Learning <p>Prof. Elect. –V</p> <ul style="list-style-type: none"> • Data Mining • Human Computer Interaction • Internet of Things • Digital Forensics 	<p>Prof. Elect. –II</p> <ul style="list-style-type: none"> • Data Mining • Compiler Construction • Distributed Systems • Advanced Computer Architecture <p>Prof. Elect. –III</p> <ul style="list-style-type: none"> • Object Oriented Analysis & Design • Multimedia Technologies • Machine Learning • Data Science Using R Programming <p>Prof. Elect. –IV</p> <ul style="list-style-type: none"> • Computational Intelligence • Adhoc & Sensor Networks • Natural Language Processing • Information Storage & Mgmt.



ANNEXURE – III

VI - SEMESTER OPEN ELECTIVES

Open Electives – I	Open Electives – II
<ul style="list-style-type: none"> • Electrical Energy Conservation & Safety • Reliability Engineering • Basics of Automobile Engineering • Industrial Robotics • Soft Skills & Interpersonal Skills • Human Resources Dev. & Org. Behaviour • Cyber Law and Ethics • Operating Systems • OOP Using Java • Database Systems • Data Structures • Disaster Mitigation • Automobile Engineering • Enterprenuership • Principles of Electronic Communication • Digital System Design using HDL Verilog 	<ul style="list-style-type: none"> • Automotive Safety and Ergonomics • Entrepreneurship • Green Building Technologies • Data Science Using R • Cyber Security • Industrial Robotics • Automotive Maintenance • Fundamental of IoT • Neural Networks



TIME-TABLE

B.E. VII Semester AICTE– (Main) EXAMINATIONS: March/April 2022

Time: 10.00 am to 01.00 pm

Date	Civil	EEE	EIE	ECE	Mechanical	Production	Automobile	CSE	Information Technology
07.03.2022	Construction Engineering & Management	Control of Electric Drives	Virtual Instrumentation	VLSI Design	Operation Research	Tool Design	Operations Research	Information Security	VLSI Design
09.03.2022	Prestressed Concrete	Switchgear and Protection	Opto-Electronic Instrumentation	Embedded Systems	Refrigeration & Air Conditioning	Modern Machining & Forming Methods	Metrology & Automobile Instrumentation	Data Science using R programming	Big Data Analytics
11.03.2022	Professional Elective -IV	Power Electronic Applications to Power Systems	Analytical Instrumentation	Microwave Techniques	Professional Elective -III	Professional Elective -III	Professional Elective -III	Distributed System	Professional Elective -V
15.03.2022	Professional Elective -V	Professional Elective -II	Professional Elective -II	Industrial Administration & Financial Management	Professional Elective -IV	Professional Elective -IV	Professional Elective -IV	==	==
17.03.2022	Open Elective - II	Professional Elective -III	Professional Elective - III	Open Elective - II	Open Elective - II	Open Elective - II	Open Elective - II	Open Elective - II	Open Elective - II
21.03.2022	==	Professional Elective -IV	Professional Elective - IV	Professional Elective -II	==	==	==	==	==
23.03.2022	==	==	==	Open Elective - III	==	==	==	==	==

Professional Electives:- See Annexure – IV & V



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VII - SEMESTER PROFESSIONAL ELECTIVES

Civil	EEE	EIE	ECE	Mechanical	Production	Automobile	Information Technology
<p>Prof. Elect. –IV</p> <ul style="list-style-type: none"> • Design of concrete Structures –II • Urban Transportation Planning • Surface Hydrology • Disaster Mitigation and Management <p>Prof. Elect. –V</p> <ul style="list-style-type: none"> • Advanced Steel Design • Retrofitting and Rehabilitation of Structures • Highway Construction and Management • Geographic Information Systems and Remote Sensing 	<p>Prof. Elect-II</p> <ul style="list-style-type: none"> • Electrical Machine Design • Special Electric Machines <p>Prof. Elect. –III</p> <ul style="list-style-type: none"> • High Voltage Engineering • Digital Control Systems • Power Quality Engineering • Special Electric Machines <p>Prof. Elect. –IV</p> <ul style="list-style-type: none"> • Power Quality Engineering • Energy Management Systems and SCADA 	<p>Prof. Elect-II</p> <ul style="list-style-type: none"> • Piping and Instrumentation Diagrams • Instrumentation in Aerospace and Navigation <p>Prof. Elect. –III</p> <ul style="list-style-type: none"> • Digital Control Systems • Automation in Process Control <p>Prof. Elect. –IV</p> <ul style="list-style-type: none"> • Instrumentation and Control in Petrochemical Industry • Software Design Tools for sensing and control 	<p>Prof. Elect. –II</p> <ul style="list-style-type: none"> • Mobile Cellular Communications • Speech Signal Processing • Nano Technology • Digital Signal Processor Architecture 	<p>Prof. Elect. –III</p> <ul style="list-style-type: none"> • Industrial Engineering • Control system Theory • Electric and Hybrid Vehicles Technology <p>Prof. Elect. –IV</p> <ul style="list-style-type: none"> • Additive Manufacturing Technology • Robotics Engineering • Computational Fluid Dynamics 	<p>Prof. Elect. –III</p> <ul style="list-style-type: none"> • Product Design & Process Planning • Production & Operation Management • Operation Research <p>Prof. Elect. –IV</p> <ul style="list-style-type: none"> • Robotics Engineering • Metal Forming Technology • Non Conventional Energy Sources 	<p>Prof. Elect. –III</p> <ul style="list-style-type: none"> • Transport Management • Automotive Airconditioning • Industrial Engineering <p>Prof. Elect. –IV</p> <ul style="list-style-type: none"> • Diesel Engine Management systems and Components • Automotive Pollution and Control • Robotics Engineering 	<p>Prof. Elect. –V</p> <ul style="list-style-type: none"> • Wireless and mobile Communication • Semantic Web • Cloud Computing • Human Computer Interaction.



VII - SEMESTER OPEN ELECTIVES

Open Electives – II	Open Electives – III
<ul style="list-style-type: none">• Green Building Technologies• Data Science and Data Analytics• Non-Conventional Energy Sources• Transducers and Sensors• Fundamentals of IOT• Cyber Security• Start up Entrepreneurship• Automitive Maintenance	<ul style="list-style-type: none">• Road Safety Engineering• Fundamentals of AI & ML• Smart Building Systems• Programmable Logic Controllers• Software Engineering• 3D Printing Technologies



TIME TABLE

BE AICTE (BRIDGE COURSE) I Sem. (Main) EXAMINATIONS: March/April 2022 (New QP Pattern)

Time: 10.00 am to 01.00 pm

DATE	CIVIL/EEE/EIE/CSE/CME/DS	ECE/MECH/PROD/AE/AI&ML/AI&DS/IOT/IT
25.03.2022	Environmental Sciences	Indian Constitution
26.03.2022	Essence of Indian Traditional Knowledge	==



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TIME TABLE

BE AICTE (BRIDGE COURSE) I Sem. (Main) EXAMINATIONS: March/April 2022 (Old QP Pattern)

Time: 10.00 am to 01.00 pm

DATE	CIVIL/EEE/EIE/CSE/CME	ECE/MECH/PROD/AE/IT
25.03.2022	Environmental Sciences	Indian Constitution
26.03.2022	Essence of Indian Traditional Knowledge	==



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