

SANT GADGE BABA AMRAVATI UNIVERSITY

BACHELOR OF ENGINEERING SEMESTER-IV (CBCS) EXAMINATION OF WINTER-2024

BRANCH : CIVIL ENGG (CE), MECHANICAL ENGG (ME), ELECTRICAL ENGG (EE), ELECTRICAL ENGG (ELECTROINCS & POWER) (EP), ELECTRICAL & ELECTRONICS ENGG (EX), ELECTRONICS & TELECOMMUNICATION ENGG (ETC), COMPUTER SCIENCE & ENGG (KS), COMPUTER ENGG (KE), INFORMATION TECHNOLOGY (IT), ARTIFICIAL INTELLIGENCE & DATA SCIENCE (AD), INDUSTRIAL IOT (IIoT), COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE) (KD)

PROGRAMME FOR THEORY

TIME : 09.00 AM To 12.00 NOON

DAY	DATE	SUBJECT
Monday	14-10-2024	4CE01* Building Planning Designing & CAD / 4ME01 Material Science / 4EE01-4EP01-4EX01 Electromagnetic Fields / 4ETC01 Analog and Digital Communication / 4KS01-4KE01 Artificial Intelligence / 4IT01 Computer Organization & Architecture / 4ADO1 Artificial Intelligence / 4IIoT01 Transducers and Data Acquisition System / 4KD01 Artificial Intelligence
Thursday	17-10-2024	4CE02 Hydrology & Water Resource Engg. / 4ME02 Energy Conversion-I / 4EE02-4EP02-4EX02 Electrical Measurements & Instrumentation / 4ETC02 Analog Circuits / 4KS02 Data Communication & Networking / 4KE02 Computer Networks / 4IT02 Data Communication & Networking / 4ADO2 Statistical Methods / 4IIoT02 Introduction to Signal Processing / 4KD02 Data Communication & Networking
Monday	21-10-2024	4CE03 Surveying / 4ME03 Manufacturing Technology / 4EE03-4EX3 Power Systems-I / 4EP03 Control Systems / 4ETC03 Network Theory / 4KS03-4KE03 Operating System / 4IT03 Operating System / 4ADO3 Computer Architecture & Operating System / 4IIoT03 GNU-Linux Operating System / 4KD03 Operating System
Thursday	24-10-2024	4CE04 Geotechnical Engineering- I / 4ME04 Basic Electrical Drives & Control / 4EE04-4EP05-4EX04 Analog & Digital Circuits / 4ETC04 Signals and Systems / 4KS04 Microprocessor & Assembly Lang. Prog / 4KE04 Microprocessor & Interfacing / 4IT04 Data Structures / 4ADO4 Microcontroller, Sensors & Actuators / 4IIoT04 Wireless Communication / 4KD04 Probability & Statistical Modelling
Monday	28-10-2024	4CE05 Structural Analysis – I / 4ME05 Hydraulic Machines / 4EE05-4EX5 Signals & Systems / 4EP04 Numerical Methods & Optimization Techniques / 4ETC05 Values and Ethics (HS) / 4KS05-4KE05 Theory of Computation / 4IT05 Social Science & Engg. Economics / 4ADO5 Theory of Computation / 4IIoT05 Social Science / 4KDO5 Theory of Computation
Wednesday	30-10-2024	4ES06 Environmental Studies (Common For All Branches)
(* Time 09.00 AM To 01.00 PM)		

(Note :- The Schedule is subject to corrections, if any)

The Name of Examination centre is printed on Admission Card of the examinee.

AMRAVATI
DATE : 14/09/2024

(Dr.Nitin A. Koli)
Direction, Board of Examinations and Evaluation
Sant Gadge Baba Amravati University

SANT GADGE BABA AMRAVATI UNIVERSITY
BACHELOR OF ENGINEERING SEMESTER-V (CBCS) EXAMINATION OF WINTER-2024

BRANCH : CIVIL ENGG (CE), MECHANICAL ENGG (ME), ELECTRICAL ENGG (EE), ELECTRICAL ENGG (ELECTROINCS & POWER) (EP), ELECTRICAL & ELECTRONICS ENGG (EX), ELECTRONICS & TELECOMMUNICATION ENGG (ETC), COMPUTER SCIENCE & ENGG (KS), COMPUTER ENGG (KE), INFORMATION TECHNOLOGY (IT), ARTIFICIAL INTELLIGENCE & DATA SCIENCE (AD), INDUSTRIAL IOT (IIoT), COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE) (KD)

ROGRAMME FOR THEORY

TIME : 09.00 AM To 12.00 NOON

DAY	DATE	SUBJECT
Monday	11-11-2024	*5CE01 Design of Reinforced & Prestressed Concrete Structures / 5ME01 Heat Transfer / 5EE01-5EX01 Control Systems / 5EP01 Power Systems-I / 5ETC01 Microcontroller / 5KS01-5KD01 Database Management Systems / 5KE01 Databases / 5IT01 Database Management Systems / 5AD01 Data Science / 5IIoT1 Communication Network
Wednesday	13-11-2024	5CE02 Surveying & Geomatics / 5ME02 Metrology & Quality Control / 5EP02-5EX02 Microprocessor & Microcontroller / 5EE02 Microprocessor & Microcontroller / 5ETC02 Control System / 5KS02 Compiler Design / 5KE02 Compilers / 5IT02 Theory of Computation / 5ADO2 Machine Learning Techniques / 5IIoT2 Microcontrollers and Applications / 5KD02 Business Intelligence & Analytics
Saturday	16-11-2024	5CE03 Numerical Methods & Computer Programming / 5ME03 Kinematics of Machines / 5EE03-5EP03-5EX03 Electrical Machines-II / 5ETC03 Digital Signal Processing / 5KS03-5KD03 Computer Architecture & Organization / 5KE03 Computer Organization & Architecture / 5IT03 Software Engineering / 5ADO3 Computer Networks / 5IIoT03 Python Programming
Tuesday	19-11-2024	5CE04 Highway Construction & Management / Repairs & Rehabilitation of Structures / Sustainable Construction Methods/Watershed Engg. & Management / 5ME04 Measurement Systems / 5EE04/5EX04 Power System Operation & Control / Electrical Engineering Materials / 5EE04/5EP04 Electronic Communication Theory / 5EP04 Signals And Systems / Network Analysis And Synthesis / 5EX04 Analog Communication System / 5ETC04 Power Electronics / Fiber Optic Communication / Speech and Audio Processing / 5KS04-5KE04 Cognitive Technologies / 5KS04 Data Science and Statistics / Internet of Things / 5KS04-5KE04 Introduction to Cyber Security / 5KE04 Advanced Computer Architecture / Graphics & Visualization / 5IT04 Information Security Systems / Data Science & Statistics / Internet of Things / 5AD04 (i) Internet of Things, (ii) Cyber Security, (iii) Cloud Computing / 5IIoT04 (i)Power Electronics (ii) Programmable Logic Controller (iii) Open Source Technology for Industry 4.0 (iv) Data Structure / 5KD04 Data Storage & Network / Data Science and Statistics / Cyber Security
Thursday	21-11-2024	5CE05 Basic of Building Construction / Disaster Management / 5ME05 Industrial Robotics & Applications / Modern Manufacturing Techniques / 5EE05-5EP05-5EX05 Electrical Drives / Power Supply Systems / 5ETC05 Sensors and Transducers / Basic Electronic Devices and Circuits / 5KS05-5KE05-5IT05-5KD05 Data Structure & Algorithms / Computational Biology /5AD05 (i) Data Structure and Algorithm, (ii) Database Management Systems, (iii) Software Testing and Quality Assurance / 5IIoT05 (i) Introduction to IoT (ii) Sensors and Transducers (iii) Industry 4.0 (iv) Power Electronics

(* Time 09 AM to 01 PM)

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SANT GADGE BABA AMRAVATI UNIVERSITY
BACHELOR OF ENGINEERING SEMESTER-VI (CBCS) EXAMINATION OF WINTER-2024

BRANCH : CIVIL ENGG (CE), MECHANICAL ENGG (ME), ELECTRICAL ENGG (ELECTROINCS & POWER) (EP), ELECTRICAL & ELECTRONICS ENGG (EX), ELECTRICAL ENGG (ELECTRICAL & POWER) (EL), ELECTRICAL ENGG (EE), ELECTRONICS & TELECOMMUNICATION ENGG (XT)(ET), COMPUTER SCIENCE & ENGG (KS), COMPUTER ENGG (KE), INFORMATION TECHNOLOGY (IT), ARTIFICIAL INTELLIGENCE & DATA SCIENCE (AD).

PROGRAMME FOR THEORY

TIME : 09.00 AM To 12.00 NOON

DAY	DATE	SUBJECT
Tuesday	15-10-2024	*6CE01 Design of Steel Structures / 6ME01 Design of Machine Elements / 6EE01-6EP01-6EX01 Power Electronics / 6ETC01 Communication Network / 6KE01-6KS03 Software Engineering / 6IT01 Compiler Design / 6ADO1 Data Analytics
Friday	18-10-2024	6CE02 Environmental Engineering - I / 6ME02 Dynamics of Machines / 6EE02 Power Systems – II / 6EX02 Power Systems – II / 6EP02 Electrical Energy Distribution & Utilization / 6ETC02 Computer Architecture / 6KS02 Design & Analysis of Algorithms / 6KE02 Algorithmic / 6IT02 Design & Analysis of Algorithms / 6ADO2 Artificial Neural Network & Fuzzy Logic
Tuesday	22-10-2024	6CE03 Fluid Mechanics / 6ME03 Control System Engineering / 6EE03-6EP03-6EX03 Computer Aided Electrical Machine Design / 6ETC05 Economics for Engineers (HS) / 6KS01 Security Policy & Governance / 6KE03 Signals & Systems / 6IT03 Artificial Intelligence / 6ADO3 Database Management System for Data Science
Friday	25-10-2024	6CE04 (i) Advanced Construction Materials (ii) Geographic Information Systems & Science (iii) Masonry Structures (iv) Solid & Hazardous Waste Management (v) Traffic Engineering & Management / 6ME04 (i) Tool Engineering (ii) Non- Conventional Energy Sources (iii) Project Management (iv) Lean Manufacturing / 6EE04-6EP04-6EX04 (i) Advanced Control Systems / 6EE04-6EX04 (ii) Digital Communication Systems / 6EP04 (II) Process Control System / 6EE04-6EP04-6EX04 (iii) Industrial Electrical Systems / 6ETC03 (i) CMOS Design (ii) Satellite Communication (iii) Adaptive Signal Processing / 6KS04-6KE04 (i) Natural Language Processing / 6KS04 (ii) Big Data Analytics 6KE04 (ii) Parallel Computing 6KS04-6KE04 (iii) Sensors & Actuators / 6KS04 iv) Cryptography / 6KE04 iv) Digital Media Processing / 6IT04 (i) Cryptography & Network Security (ii) Big Data Analytics (iii) Sensors & Actuators / 6AD04 Data Warehousing / Cryptography / Robotics.
Tuesday	29-10-2024	6CE05 (i) Environmental Management (ii) Introduction to Earthquake Engineering / 6ME05 (i) Renewable Energy Technologies (ii) Automobile Engineering & E-Vehicles / 6EE05-6EP05-6EX05 (i) Energy Audit & Management (ii) Electrical Estimation & Costing / 6ETC04 (i) Electronic Communication Technology (ii) Wireless Communication / 6KS05-6KE05/6IT05 (i) Cyber Law & Ethics (ii) Data Communication & Internet/ 6AD05 Software Project Management / E-Commerce / Introduction to Data Science.

(* Time 09 AM to 01 PM)

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SANT GADGE BABA AMRAVATI UNIVERSITY
BACHELOR OF ENGINEERING SEMESTER-VII (CBCS) EXAMINATION OF WINTER-2024

BRANCH : CIVIL ENGG (CE), MECHANICAL ENGG (ME), ELECTRICAL ENGG (ELECTROINCS & POWER) (EP), ELECTRICAL & ELECTRONICS ENGG (EX), ELECTRICAL ENGG (EE), ELECTRONICS & TELECOMMUNICATION ENGG (ET), COMPUTER SCIENCE & ENGG (KS), COMPUTER ENGG (KE), INFORMATION TECHNOLOGY (IT), ARTIFICIAL INTELLIGENCE & DATA SCIENCE (AD).

PROGRAMME FOR THEORY

TIME : 09.00 AM To 12.00 NOON

DAY	DATE	SUBJECT
Tuesday	12-11-2024	7CE01 Structural Analysis - II / 7ME01 Mechatronics / 7EE01 Electrical Energy Distribution & Utilization / 7EP01-7EX01 Power System II / 7ETC01 Cryptography & Network security / 7KS01 Social Science & Engineering Economics / 7KE01 Social Science & Engineering Economics / 7IT01 Mobile Computing / 7ADO1 Social Science & Engineering Economics
Thursday	14-11-2024	7CE02 Geotechnical Engineering - II / 7ME02 Productivity Techniques / 7EE02-7EP02-7EX02 Digital Signal Processing / 7ETC02 Digital Image and Video Processing / 7KS02 Computer Graphics / 7KE02 Digital Signal Processing / 7IT02 Embedded Systems / 7ADO2 Deep Learning
Monday	18-11-2024	7CE03 Hydraulic Engineering / 7ME03 Industrial Management & Costing / 7EE03-7EP03-7EX03 Entrepreneurship & Project Management / 7ETC03 Project Management and Entrepreneurship / 7KS03-7KE03 Cloud Computing / 7IT03 Cloud Computing / 7ADO3 Big Data Analytics & Hadoop
Wednesday	20-11-2024	7CE04 Environmental Engineering -II / 7ME04 Energy Conversion - II / 7EE04-7EP04-7EX04 (i) Wind & Solar Energy Systems / 7EE04-7EX04 (ii) VLSI Design / 7EE04-7EX04 (iii) Computer Architecture & Organization / 7EP04 (ii) Electrical Estimation & Costing (iii) Power System Operation & Control / 7ETC04 (i) High Speed Electronics (ii) Mobile Communication and Networks (iii) Mixed Signal Design / 7KS04-7KE04 (i) Robotics (ii) Data Warehousing & Mining (iii) Embedded Systems (iv) Digital Forensic / 7KE04 (ii) Data Storage & Networks (iv) Rendering & Animation / 7IT04 (i) Machine learning (ii) Data Warehousing & Mining (iii) Wireless Sensor Networks / 7ADO4 Blockchain With AI
Friday	22-11-2024	7CE05 (i) Analysis & Design of Structures for Earthquake & Wind (ii) Environmental Impact Assessment & Life Cycle (iii) Pavement Design (iv) Water Power Engineering / 7ME05 (i) Computer Integrated Manufacturing (ii) Automobile Engineering (iii) Design of Transmission Systems, (iv) Computational Fluid Dynamics / 7EE05-7EP05-7EX05 (i) Artificial Intelligence / 7EE05-7EP05-7EX05 (ii) Electrical Drives & Control / 7EE05 (iii) Digital Control Systems / 7EP05 (iii) Distributed Automation / 7EX05 (iii) Digital Control Systems / 7ETC05 (i) Introduction to MEMS (ii) Error Correcting Codes (iii) Antenna and Propagation / 7KS05-7KE05 (i) Block Chain Fundamentals (ii) Image Processing / 7KS05 (iii) Optimization Techniques / 7KE05 (iii) Optimization Techniques / 7IT05 (i) Block Chain Fundamentals (ii) Business Intelligence (iii) Digital Forensic / 7ADO5 (i) Natural Language Processing (ii) Data Mining (iii) Embedded Systems

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SANT GADGE BABA AMRAVATI UNIVERSITY

BACHELOR OF ENGINEERING SEMESTER-VIII (CBCS) EXAMINATION OF WINTER-2024

BRANCH : CIVIL ENGG (CE), MECHANICAL ENGG (ME), ELECTRICAL ENGG (ELECTROINCS & POWER) (EP), ELECTRICAL & ELECTRONICS ENGG (EX), ELECTRICAL ENGG (EE), ELECTRONICS & TELECOMMUNICATION ENGG (ET), COMPUTER SCIENCE & ENGG (KS), COMPUTER ENGG (KE), INFORMATION TECHNOLOGY (IT)

PROGRAMME FOR THEORY

TIME : 09.00 AM To 12.00 NOON

DAY	DATE	SUBJECT
Wednesday	16-10-2024	8CE01 Construction Project Management / 8ME01 Operation Research Techniques / 8ETC01 Embedded Systems / 8KS01 Object Oriented Analysis & Design / 8KE01 Object Oriented Analysis & Design / 8EE01 Embedded Systems / 8EP01 Power System Protection / 8EX01 Embedded Systems / 8IT01 Object Oriented Analysis & Design / 8AD01 Data Modeling & Visualization.
Saturday	19-10-2024	8CE02 Construction Economics & Estimating - Costing / 8ME02 I.C. Engines / 8ETC02 Microwave Theory and Techniques / 8KS02 Professional Ethics & Management / 8KE02 Professional Ethics & Management / 8EE02 Power Systems Protection / 8EP02 Computer Methods in Power System Analysis / 8EX02 Digital Image Processing / 8IT02 Professional Ethics & Management / 8AD02 Ethics in Data Science.
Wednesday	23-10-2024	8CE03 *(i) Advanced Design of Steel Structures (ii) Advanced Prestressed Concrete Structures (iii) Advanced Water Treatment (iv) Industrial Waste Water Treatment (v) Structural Analysis by Matrix Methods / 8ME03 (i) Energy Conservation and Management (ii) Production Planning & Control (iii) Product Design & Development (iv) Artificial Intelligence / 8ETC03 (i) Nano Electronics (ii) Wireless Sensor Networks (iii) Wavelets (iv) Bio-medical Electronics / 8KS03 (i) Virtual & Augmented Reality (ii) Machine Learning and AI (iii) Wireless Sensor Networks (iv) System & Software Security / 8KE03 (i) Virtual & Augmented Reality (ii) Cloud System & Infrastructure (iii) Wireless Sensor Networks (iv) Scientific Computing / 8EE03 (i) Biomedical Electronics (ii) Process Control Systems (iii) Digital Image Processing / 8EP03 (i) High Voltage Engineering (ii) HVDC & Facts (iii) Smart Grid System / 8EX03 (i) Biomedical Electronics (ii) Process Control Systems (iii) Power Systems Protection / 8IT03 Entrepreneurship & Project Management / 8AD03 Cognitive Technology.
Saturday	26-10-2024	8CE04 (i) Advanced Geotechnical Engineering (ii) Advanced Structural Analysis *(iii) Advanced Design of RCC Structures (iv) Advanced Waste Water Engineering (v) Construction Equipment & Machinery (vi) Finite Element Methods / 8ME04 (i) Robotics and Industrial Applications (ii) Refrigeration & Air Conditioning (iii) Finite Element Analysis (iv) Rapid Prototyping / 8ETC04 (i) 5G-6G Mobile Communication (ii) Information Theory & Coding (iii) Scientific Computing / 8KS4 (i) Distributed Ledger Technology (ii) Multimedia Computing (iii) Modeling & Simulation / 8KE04 (i) Distributed Ledger Technology (ii) Multimedia Computing (iii) Modeling & Simulation / 8EE04/8EX04 (i) Robotics / 8EP04 (i) Power Quality / 8EE04/8EP04/8EX04 (ii) Electrical Energy Conservation & Auditing (iii) Electrical & Hybrid Vehicles / 8IT04 (i) Robotics (ii) Virtual & Augmented Reality (iii) Human Computer Interaction (iv) Cross Platform Application Development / 8AD04 Virtual & Augmented Reality / Wireless Sensor Networks / Predictive Analytics.
(* Time - 09.00 AM To 01.00 PM)		

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