

III B.TECH I SEMESTER (R23)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

III B.TECH II SEMESTER I MID (R23 REGULATION) REGULAR EXAMS, FEBRUARY 2026

TIME TABLE

TIME: 10.00 AM TO 12.00 NOON

BRANCH	DAY AND DATE						
	02-02-2026 (Monday)	03-02-2026 (Tuesday)	04-02-2026 (Wednesday)	05-02-2026 (Thursday)	06-02-2026 (Friday)	07-02-2026 (Saturday)	09-02-2026 (Monday)
CIVIL ENGINEERING (01-CE)	Design and Drawing of Steel Structures (R2332011)	Highway Engineering (R2332012)	Environmental Engineering (R2332013)	Professional Elective-II Ground Improvement Techniques(R233201A),Repair and Rehabilitation of Structures(R233201B),Valuation and Quantity Survey,(R233201C)	Professional Elective-III Finite element method(R233201D) Bridge Engineering (R233201E) Water Resource Engineering(R233201F)	Open Elective-II Disater management (R233201G) Sustainability in Engineering practices(R233201H) Water Supply Systems(R233201I)	----
ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)	Electrical Measurements and Instrumentation (R2332021)	Microprocessors and Microcontrollers (R2332022)	Power System Analysis (R2332023)	Professional Elective-II Switchgear and Protection (R233202A) ,Advanced Control Systems (R233202B) , Renewable and Distributed Energy Technologies (R233202C)	Professional Elective-III Electric Drives(R233202D) Digital Signal Processing(R233202E)High Voltage Engineering(R233202F)	Open Elective-II Fundamentals of Electric Vehicles (R233202G) Electrical Wiring Estimation and CostingR233202H)	----
MECHANICAL ENGINEERING (03-ME)	Heat Transfer (R2332031)	Artificial Intelligence and Machine Learning (R2332032)	Finite Element Methods (R2332033)	Professional Elective-II Mechanical Vibrations(R233203A)Advanced ManufacturingProcesses (R233203B) Micro Electro Mechanical Systems(R233203C)Sensors and Instrumentation(R233203D)	Professional Elective-III Energy Storage Technologies(R233203E) Industrial Hydraulics and Pneumatics(R233203F) Industrial Robotics(R233203G) Refrigeration & Air-Conditioning(R233203H)	Open Elective - II Introduction to Industrial Robotics(R233203I) Industrial Management(R233203J) Additive Manufacturing(R233203K) Vechicle Technology(R233203L) Industrial Safety(R233203M)	----
ELECTRONICS & COMMUNICATION ENGINEERING (04-ECE)	VLSI Design (R2332041)	Microprocessors & Microcontrollers (R2332042)	Digital Signal Processing (R2332043)	Professional Elective-II Analog IC Design(R233204A) Satellite Communication(R233204B) Smartand Wireless Instrumentation(R233204C) Machine Learning(R233204D)	Professional Elective-III Bio Medical Instrumentation(R233204E) Microwave Engineering (R233204F) Embedded Systems(R233204G) Artificial Intelligence(R233204H)	Open Elective - II Linear and Digital IC Applications (R233204I) Principles of communications(R233204J) Principles of Signal Processing(R233204K) Microprocessors &	----

<p>COMPUTER SCIENE & ENGINEERING (05-CSE)</p>	<p>Compiler Design (R2332051)</p>	<p>Cloud Computing (R2332052) (Common to CSE .IT ,CSE(IOTCSIBCT) CS</p>	<p>Cryptography & Network Security (R2332053) (Common to CSE ,IT ,CS</p>	<p>Professional Elective-II Software Testing Methodologies (R233205A) (COMMON TO CSE,IT, CSE(AIML)(CSE(CS)(CSE(AIDS),(CSE(IOTCS IBCT),(CSBS),(CYBER SEC) Cyber Security (R233205B) (COMMON TO CSE ,CS) DevOps (R233205C) (COMMON TO CSE/IT/CSE(AIML)(CSE(AI)(CSE(CS)(CSE(IO TCSIBCT)(CYBER SEC)) Machine Learning (R233205D) (COMMON TO CSE/CSE(IOTCSIBCT)</p>	<p>Professional Elective-III Software Project Management (R233205F) (COMMON TO CSE,IT,(CSE(AIML)(CSE(AI)(CSE(DS)(CSE(AIDS)(CSE(CS)(CSE(IOTCSIBCT)(CSBS)(CS) Mobile Adhoc Networks (R233205G) (COMMON TO CSE,IT, (CSE(AIML)(CSE(AI)(CSE(CS)(CSE(IO TCSIBCT)(CSBS)(CSD)(CS) Natural Language Processing (R233205H) (COMMON TO(CSE) IT,(CSE(CS)(CSE(IOTCSIBCT)(CSBS)(C s) Big Data Analytics (R233205I) Distributed Operating System (R233205J)(COMMON TO CSE .IT,CSBS/CS</p>	<p>Open Elective – II Principles of Database Management Systems (R233205L)(COMMON TO CSE,IT,CSE(AI),CSE(DS),CSE(AIDS), AIDS,AIML,CSD,CS</p>	<p>----</p>
<p>INFORMATION TECHNOLOGY (12-IT)</p>	<p>Machine Learning R2332121 (COMMON TO IT,CSE(AIDS),CSE(CS),CS BS/CYBER SEC)</p>	<p>Cloud Computing (R2332052) (Common to CSE,IT , CSE(IOTCSIBCT) CS</p>	<p>Cryptography & Network Security (R2332053) (Common to CSE, IT ,CS</p>	<p>Professional Elective-II Software Testing Methodologies R233205A(COMMON TO CSE,IT,(CSE(AIML)(CSE(CS)(CSE(AIDS))(CS E(IOTCSIBCT)(CSBS)(CYBER SEC) DevOps R233205C Augmented Reality & Virtual Reality R233212A Generative AI R233212B (COMMON TO IT,CS)</p>	<p>Professional Elective-III Software Project Management R233205F Mobile Adhoc Networks R233205G Natural Language Processing R233205H Distributed Operating System R233205J</p>	<p>Open Elective – II Principles of Database Management Systems(R233205L)</p>	<p>----</p>
<p>AUTO MOBILE ENGINEERING (24-AME)</p>	<p>Vehicle Dynamics R2332241</p>	<p>Vehicle Body Engineering R2332242</p>	<p>Hybrid and Electric Vehicle Technology R2332243</p>	<p>Professional Elective–II Metal Forming & Press Working R233224A Battery Technology R233224B Machine Learning R233224C Condition Monitoring R233224D Engine Management Systems R233224E</p>	<p>Professional Elective - III CFD for Automobile Applications R233224G Modeling and Simulation in Manufacturing R233224H Lean Manufacturing R233224I Automobile HVAC R233224J Sensors and Actuators R233224K</p>	<p>Open Elective – II Two & Three Wheelers R233224M Hybrid and EV Technology R233224N Alternative fuels for IC Engines R233224O</p>	<p>----</p>

MINING ENGINEERING (26-MM)	Mine Planning and Design R2332261	Surface Mining R2332262	Underground Metal Mining R2332263	Professional Elective-II Computer Applications in Mining R233226A Remote Sensing and GIS R233226B Optimization of Mining Systems R233226C Mine Automation R233226D	Professional Elective-III Mine Waste Management R233226E Dimensional Stone Mining R233226F Advanced Mining Techniques R233226G Tunnelling and Underground Space Technology R233226H	Open Elective - II Mineral Economics R233226I Landslides & Slope Stability Engineering R233226J Remote Sensing and GIS R233226K Geostatistics R233226L	----
AGRICULTURAL ENGINEERING (35-AGE)	Surface Water Hydrology R2332351	Farm Machinery and Equipment - II R2332352	Post-Harvest Engineering of Cereals, Pulses and Oilseeds R2332353	Professional Elective-II Food Packaging Technology R233235A Watershed Management R233235B Human Engineering and Safety R233235C	Professional Elective-III Irrigation and Drainage Engineering R233235D Production Technology of Agricultural Machinery R233235E Dairy and Food Engineering R233235F	Open Elective - III Principles of Database Management Systems or R233235G Process Equipment Design Ground Water Hydrology, Wells and Pumps R233235H Surface Water Hydrology R233235I	----
CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING) (42)	Natural Language Processing R2332421 (COMMON TO CSE(AIML),AIDS)	Deep Learning R2332422 (COMMON TO CSE(AIML),CSE(DS),AIDS)	Data Visualization R2332423 (COMMON TO CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIML)	Professional Elective-II Software Testing Methodologies (R233205A) (COMMON TO CSEIT, (CSE(AIML)/CSE(CS)/CSE(AIDS),CSE(IOTCSIBCT)(CSBS)(CYBER SEC) DevOps R233205C Cryptography & Network Security R233242A (COMMON TO CSE(AIML)/CSE(AI)/CSE(DS),CSE(AIDS),AIDS/AIML/CSD) Recommender Systems R233242B (COMMON TO CSE(AIML)/CSE(AI),CSE(DS)/CSE(AIDS),AIDS,AIML)	Professional Elective-III Software Project Management R233205F Mobile Adhoc Networks R233205G Computer Vision R233242D (COMMON TO CSE(AIML)/CSE(AI)/CSE(DS), AIML) NoSQL Databases R233242E (COMMON TO CSE(AIML),CSE(DS),AIDS)	Open Elective – II Principles of Database Management Systems R233205L	----
CSE (ARTIFICIAL INTELLIGENCE) (43)	Software Engineering R2332431	Generative A.I R2332432	Data Visualization R2332423 (COMMON TO CSE(AIML),CSE(AI)/CSE(DS),CSE(AIDS),AIML)	Professional Elective-II Software Testing Methodologies (R233205A) (COMMON TO CSE,IT, (CSE(AIML)/CSE(CS)/CSE(AIDS),(CSE(IOTCSIBCT)(CSBS)(CYBER SEC) DevOps R233205C Cryptography & Network Security R233242A Recommender Systems R233242B	Professional Elective-III Software Project Management R233205F Mobile Adhoc Networks R233205G Computer Vision R233242D Cloud Computing R233243A (COMMON TO CSE(AI),CSE(AIDS),AIML)	Open Elective - II Principles of Database Management Systems R233205L	----

CSE (DATA SCIENCE) (44)	Operating Systems R2332441	Deep Learning R2332422 (COMMON TO CSE(AIML),CSE(DS), AIDS)	Data Visualization R2332423 (COMMON TO CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIML)	Professional Elective-II Social Media Analytics R233244A Cryptography & Network Security R233242A Recommender Systems R233242B Cloud Computing R233244B (COMMON TO CSE(DS),CSBS/CSD) Sensor Networks R233244C	Professional Elective-III Software Project Management R233205F Quantum Computing R233244D (COMMON TO CSE(DS),CSE(AIDS),AIDS) Computer Vision R233242D NoSQL databases R233242E	Open Elective – II Principles of Database Management Systems R233205L	----
CSE (ARTIFICIAL INTELLIGENCE AND DATA SCIENCE) (45)	Machine Learning R2332121 (COMMON TO IT,CSE(AIDS),CSE(CS),CSBS/CYBER SEC)	---	Data Visualization R2332423 (COMMON TO CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIML)	Professional Elective-II Software Testing Methodologies (R233205A) (COMMON TO CSE,IT, (CSE(AIML),CSE(CS),CSE(AIDS))CSE(IOTCSIBCT)(CSBS)(CYBER SEC) Cryptography & Network Security R233242A Recommender Systems R233242B NoSQL databases R233245A Computer Vision R233245B (COMMON TO	Professional Elective-III Software Project Management R233205F Cloud Computing R233243A Quantum Computing R233244D Social Network Analysis R233245C	Open Elective – II Principles of Database Management Systems R233205L	Big Data Analytics R2332451 (COMMON TO CSE(DS)/CSE(AIDS)AIDS)
CSE (CYBER SECURITY) (46)	Machine Learning R2332121 (COMMON TO IT,CSE(AIDS)/CS,(CS),CSBS/CYBER SEC)	Cryptography & Network Security R2332462	Cyber Crimes & Digital Forensics R2332461	Professional Elective-II Software Testing Methodologies R233205A DevOps R233205C Microprocessors & Microcontrollers R233246A (COMMON TO CSE (CS),CSE(IOTCSIBCT)	Professional Elective-III Software Project Management R233205F Mobile Adhoc Networks R233205G Natural Language Processing R233205H Security Assessment and Risk Analysis R233246C (COMMON TO CSE(CS),CSE(IOTCSIBCT,CYBER SEC)	Open Elective – II Operating systems R233257D	----
CSE (INTERNET OF THINGS AND CYBER SECURITY INCLUDING BLOCK CHAIN TECHNOLOGY) (47)	Cyber Security and digital forensics R2332471	Cloud Computing (R2332052) (Common to CSE / IT / CSE(IOTCSIBCT) CS	Blockchain Technology R2332472 (COMMON TO CSE(IOTCSIBCT/CYBER SEC)	Professional Elective-II DevOps R233205C Microprocessors & Microcontrollers R233246A Machine Learning R233205D	Professional Elective-III Software Project Management R233205F Mobile Adhoc Networks R233205G Natural Language Processing R233205H Security Assessment and Risk Analysis R233246C	Open Elective – II Operating systems R233257D	----
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (54)	Natural Language Processing R2332421 (COMMON TO CSE(AIML),AIDS)	Deep Learning R2332422 (COMMON TO CSE(AIML), CSE(DS), AIDS)	----	Professional Elective- II Cryptography & Network Security R233242A Operating Systems R233254A Recommender Systems R233242B Computer Vision R233245B Automata Theory & Compiler Design R233254B	Professional Elective- III Quantum Computing R233244D NoSQL databases R233242E Cloud Computing R233243A Social Media Analytics R233254C	Open Elective – II Principles of Database Management Systems R233205L	Big Data Analytics R2332451

PHARMACEUTICAL ENGINEERING (55)	Pharmaceutical Engineering-2 R2332551	Biopharmaceutics and Pharmacokinetics R2332552	Principles of Transducers and Measurements R2332553	Professional Elective - II Computer Aided Drug Design R233255A Pharmaceutical Regulatory Affairs R233255B Novel Drug Delivery Systems R233255C	Professional Elective - III Bio Medical Instrumentation R233255D Pharmaceutical Product Development R233255E Industrial Process Control R233255F	Open Elective - III Robotics R233255G Synthesis and Characterization of Nano Materials R233255H Water conservation and Management R233255I	----
COMPUTER SCIENCE AND BUSINESS SYSTEM (57)	Machine Learning R2332121 (COMMON TO IT,CSE(AIDS),CSE(CS),CSBS,CYBER SEC)	Marketing Research and Marketing Management R2332571	Financial And Cost Accounting R2332572	Professional Elective-II Software Testing Methodologies R233205A DevOps R233205C Principles of Cybersecurity R233257A Cloud Computing R233244B	Professional Elective- III Software Project Management R233205F Mobile Adhoc Networks R233205G Natural Language Processing R233205H Distributed Operating System R233205J	Open Elective-II Operating Systems R233257D	----
CYBER SECURITY (59)	Machine Learning R2332121 (COMMON TO IT,CSE(AIDS),CSE(CS),CSBS/CYBER SEC)	Cyber Security& Digital Forensics R2332591	Blockchain Technology R2332472 (COMMON TO CSE(IOTCSIBCT,CYBER SEC)	Professional Elective-II Software Vulnerability Analysis R233259A DevOps R233205C Applied Cryptography R233259B Internet of Things R233259C	Professional Elective-III Design of secure protocols R233259E Firewalls & VPN Security R233259F Web Application Security R233259G Security Assessment and Risk Analysis R233246C	Open Elective – II Operating systems R233257D	----
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (61)	Reinforcement Learning R2332611	----	Data Visualization R2332423 (COMMON TO CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIML)	Professional Elective-II Cryptography & Network Security R233242A Recommender Systems R233242B Software Engineering R233261A Social Network Analysis R233261B	Professional Elective-III Computer Vision R233242D Cloud Computing R233243A DevOps R233261D Soft Computing R233261E	Open Elective – II Principles of Database Management Systems R233205L	Big Data Analytics R2332451 (COMMON TO CSE(DS)/CSE(AIDS) AIDS)
COMPUTER SCIENCE AND DESIGN (62)	Automata Theory & Compiler Design R2332621	Multimedia Applications & Development R2332622	Design of Interactive systems R2332623	Professional Elective-II Software Testing Methodologies R233205A Cryptography & Network Security R233242A Cloud Computing R233244B Principles of Video Editing and 3D Animation R233262A	Professional Elective-III Object Oriented Analysis and Design R233262B Mobile Adhoc Networks R233205G Augmented Reality and Virtual Reality R233262C Computer Graphics & Animation R233262D	Open Elective – II Principles of Database Management Systems R233205L	----

COMPUTER SCIENCE (CoS-68)	DevOps R2332681	Cloud Computing (R2332052) <small>(Common to CSE,IT , CSE(IOTCSIBCT) CS</small>	Cryptography & Network Security (R2332053) <small>(Common to CSE,IT , CS</small>	<u>Professional Elective- II</u> Software Testing Methodologies R233205A Cyber Security R233205B Computer Vision R233245B Generative AI R233212B	<u>Professional Elective- III</u> Software Project Management R233205F Mobile Adhoc Networks R233205G Natural Language Processing R233205H Distributed Operating System R233205J	<u>Open Elective – II</u> Principles of Database Management Systems R233205L	<p style="text-align: center;">----</p>
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(i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.

(ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.

(iii) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

Sd/-
Controller of Examinations

Date:29.01.2026