JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

IV B.TECH - I SEMESTER (R19) SUPPLEMENTARY EXAMINATIONS, NOVEMBER-2026

T I M E T A B L E

TIME : 10.00 AM TO 01.00 PM

Branch	16-11-2026 (Monday)	18-11-2026 (Wednesday)	20-11-2026 (Friday)	23-11-2026 (Monday)	25-11-2026 (Wednesday)	27-11-2026 (Friday)
Civil Engineering (01)	Design & Drawing of Steel Structures **(R1941011)**	Geotechnical Engineering - II **(R1941012)**	Remote Sensing & GIS **(R1941013)**	**Elective-III** : Bridge Engineering **(R194101A)**/ Industrial Waste Water Treatment **(R194101B)**/ Earth Rock-fill Dams (**R194101C**)/ Intelligent Transportation Systems (**R194101D**)/ Building Services (**R194101E**)	……	**Open Elective-III :** Disaster Management **(R194101F)**/ Environmental Pollution & Control **(R194101G)**/ Elements of Civil Engineering **(R194101H)**/ Green Technology **(R194101I)**/ Smart Cities **(R194101J)**/ Project Management **(R194101K)**/ Traffic Safety **(R194101L)**/ Geo-Spatial Technologies **(R194101M)**/ Waste Water Treatment **(R194101N)**
Electrical & Electronics Engineering (02)	Switchgear & Protection **(R1941021)**	OOPs through JAVA **(R1941022)**	Renewable Energy Systems **(R1941023)**	**Elective-II** : Utilization of Electrical Energy **(R194102A)**/ Data Base Management System **(R194102B)**/ Advanced Control Systems **(R194102C)**/ Electrical Machine Design **(R194102D)**/ Hybrid Electric Vehicles **(R194102E)**	**Elective-III** : Operating Systems **(R194102G)**/ Neural Networks &Fuzzy Logic **(R194102H)**/ High Voltage Engineering **(R194102I)**/ Energy Auditing and Demand Side Management **(R194102J)**/ Data Analytics with Python **(R194102K)**	**Open Elective - II :-** Measurements & Instrumentation (Except for EEE)**(R194102M)**/ Fundamentals of Utilization of Electrical Energy (Except for EEE) **(R194102N)**/ Concepts of Power System Engineering (Except for EEE) **(R194102O)**/ Basics of Control Systems (Except for EEE) **(R194102P)**/ Energy Audit (Except for EEE) **(R194102Q)**/ Fundamental of Electrical Machines (Except for EEE) **(R194102R)**
Mechanical Engineering (03)	Industrial Management **(R1941031)**	**Elective - III :-** Mechanical Vibrations **(R194103A)**/ Renewable Energy Sources **(R194103B)**/ Production Planning&Control **(R194103C)**/ Machine Tool Design **(R194103D)**	……..	Finite Element Methods (Common to ME & AME) **(R1941032)**	**Elective-IV** : Industrial Automation and Robotics **(R194103F)**/ Micro and Nano Manufacturing **(R194103G)**/ Power Plant Engineering **(R194103H)**/ Optimization Techniques **(R194103I)**	**Open Elective-II** : MEMS **(R194103K)**/ Optimization Methods **(R194103L)**/ Operations Management **(R194103M)**/ Nano Technology **(R194103N)**/ Finite Element Analysis **(R194103O)**

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Electronics & Communication Engineering (04)	Microwave and Optical Communication Engineering **(R1941041)**	Data Communications & Computer Networks **(R1941042)**	Digital Image and Video Processing **(R1941043)**	**Elective-III** : Communication Standards and Protocols **(R194104A)**/ Analog IC Design **(R194104B)** / SmartSensors **(R194104C)**/ Advanced Digital Signal Processing **(R194104D)**/ Augmented Reality **(R194104E)**	**Elective-IV**: Software Radio **(R194104F)**/ Low Power VLSI Design **(R194104G)**/ EmbeddedSystems **(R194104H)**/ DSP Processors and Architectures **(R194104I)**/ Multi Media Communication **(R194104J)**	**Open Elective :** Embedded Systems (Except for ECE) **(R194104K)**
Computer Science & Engineering (05)	Cryptography and Network Security (Common to CSE & IT) **(R1941051)**	Machine Learning (Common to CSE & IT) **(R1941053)**	UML & Design Patterns **(R1941052)**	**Elective-III** : Mobile Computing **(R194105A)**/ Data Science **(R194105B)**/ NoSQL Databases **(R194105C)**/ Internet of Things **(R194105D)**/ Software Project Management **(R194105E)**	**Elective-IV**: Web Services **(R194105F)**/ Cloud Computing (Comman to CSE & IT) **(R194105G)** / Mean Stack Technologies **(R194105H)**/ Ad-hoc and Sensor Networks (Comman to CSE & IT) **(R194105I)**/ Cyber Security & Forensics **(R194105J)**	**Open Elective :** Problem Solving using Python (Comman to CSE & IT) (Except CSE & IT) **(R194105K)**/ Web Technologies (Comman to CSE & IT) (Except CSE & IT) **(R194105L)**/ Machine Learning (Comman to CSE & IT) (Except CSE & IT)/ **(R194105M)**/ Distributed Computing (Comman to CSE & IT) (Except CSE & IT) **(R194105N)**/ AI Tools & Techniques (Comman to CSE & IT) (Except CSE & IT) **(R194105O)**/ Data Science (Except CSE & IT) **(R194105P)**
Information Technology (12)	Cryptography and Network Security (Common to CSE & IT) **(R1941051)**	Machine Learning (Common to CSE & IT) **(R1941053)**	Advanced Computer Networks **(R1941121)**	**Elective IV**: Distributed Systems **(R194112D)**/ DevOps **(R194112E)** / Internet of Things **(R194112F)**/ Data Science **(R194112G)**/ Biometrics **(R194112H)**	**Elective III**: Big Data Analystics **(R194112A)**/ Social Networking **(R194112B)**/ Ad-hoc and Sensor Networks (Comman to CSE & IT) **(R194105I)**/ Cloud Computing (Common to CSE & IT) **(R194105G)**/ Design Patterns **(R194112C)**	**Open Elective** : Problem Solving using Python (Comman to CSE & IT) (Except CSE & IT) **(R194105K)**/ Web Technologies (Comman to CSE & IT) (Except CSE & IT) **(R194105L)**/ Machine Learning (Comman to CSE & IT) (Except CSE & IT)/ **(R194105M)**/ Distributed Computing (Comman to CSE & IT) **(R194105N)** / AI Tools & Techniques (Comman to CSE & IT) (Except CSE & IT) **(R194105O)** / Data Science (Except CSE & IT) **(R194112I)**
Automobile Engineering (24)	Industrial Engineering & Management **(R1941241)**	Vehicle Dynamics **(R1941242)**	Vehicle Body Engineering **(R1941243)**	**Elective I** : CAD/CAM **(R194124A)**/ Two and Three Wheelers **(R194124B)**/ Automotive Aerodynamics **(R194124C)**/ Vehicle Infotronics **(R194124D)**/ Finite Element Methods (Common to ME & AME) **(R1941032)**	**Elective II** : Mechatronics **(R194124E)**/ Computational Fluid Dynamics **(R194124F)**/ Condition Monitoring **(R194124G)**/ Managerial Economics and financial analysis **(R194124H)**/ Internet of Things **(R194124I)**	Alternative Energy sources for Automobiles **(R1941244)**

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Mining Engineering (26)	Computer Applications in Mining **(R1941261)**	Mine Planning and Design **(R1941262)**	Mine Legislation & General Safety **(R1941263)**	**Elective I**: Rocks Slope Engineering **(R194126A)/** Mine Subsidence Engineering **(R194126B)/** Mine Systems Engineering **(R194126C)**	……..	……..
Petroleum Engineering (27)	Design of Surface Facilities **(R1941271)**	Enhanced Oil Recovery Techniques **(R1941272)**	**Elective III** : HSE in Petroleum Industry **(R194127A)/** Petroleum Engineering Mathematics **(R194127B)/** Subsea Engineering **(R194127C)**	**Elective IV:** Mathematics of Reservoir Simulation **(R194127D)/** Advances in Well Control **(R194127E)/** Pipeline Engineering **(R194127F)**	**Elective V** : Statistics for Petroleum Engineers and Geoscientists **(R194127G)/** Advances in Seismic methods for Hydrocarbon Exploration **(R194127H)**	……..
Agricultural Engineering (35)	Micro Irrigation Engineering **(R1941351)**	Post Harvest Engineering for Horticulture Produce **(R1941352)**	**Elective II** : Food Packaging Technology **(R194135A)/** Watershed Management **(R194135B)/** Human Engineering and Safety **(R194135C)**	**Elective III:** GIS and Remote Sensing **(R194135D)/** Production Technology of Agricultural Machinery **(R194135E)/** Food Plant Design and Management **(R194135F)**	……..	**Open Elective :** Mechanical Measurements and Instrumentation **(R194135G)/** Artificial Intelligence in Agricultural Engineering **(R194135H)/** Photovoltaic Technology and Systems **(R194135I)**
NOTE:						

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 INCLUED IN THE ABOVE LIST IMMEDIATELY.

Sd/-

Controller of Examinations

DATE: 29-10-2026

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

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IV B.TECH - I SEMESTER (R20) SUPPLEMENTARY EXAMINATIONS, NOV/DEC-2026

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Civil Engineering (01)	Universal Human Values-2: Understanding Harmony (**R2041011**) ***(Common to CE, EEE, ME, ECE, CSE, IT, AME, MiE, AgriE, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), CSE(CS), CSE(IOTCSIBCT), CSE(IOT), FE, AIDS, CS, AIML, CSD)***	**Professional Elective-III** : Advanced Structural Engineering **(R204101A)**/ Bridge Engineering **(R204101B)**/ Structural Dynamics (**R204101C**)/ Urban Transportation Planning (**R204101D**)	**Professional Elective-IV** : Ground Improvement Techniques **(R204101E)**/ Geo-Spatial Technologies **(R204101F)**/ Disaster Management & Mitigation (**R204101G**)/ Soil dynamics & Machine Foundations (**R204101H**)	**Professional Elective-V** : Design & Drawing of Irrigation Structures **(R204101I)**/ Earth & Rock fill Dams **(R204101J)**/ Urban Hydrology (**R204101K**)/ SWAYAM / NPTEL /MOOCS COURSES (12 weeks duration) (**R204101L**)	**Open Elective-III** : Strength of Materials **(R204101M)**/ Fluid Mechanics **(R204101N)**/ Surveying and Geomatics (**R204101O**)/ Highway Engineering (**R204101P**)/ Safety Engineering (**R204101Q**)/ Environmental Management (**R204101R**)/ Urban Planning (**R204101S**)	**Open Elective-IV** : Elements of Civil Engineering **(R204101T)**/ Environmental Engineering **(R204101U)**/ Disaster Management (**R204101V**)/ Water Resource Engineering (**R204101W**)/ Hydraulics and Hydraulic Machinery (**R204101X**)/ Green Technologies (**R204101Y**)/ Remote Sensing and GIS (**R204101Z**)	……	……		
Electrical & Electronics Engineering (02)	Universal Human Values-2: Understanding Harmony (**R2041011**) ***(Common to CE, EEE, ME, ECE, CSE, IT, AME, MiE, AgriE, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), CSE(CS), CSE(IOTCSIBCT), CSE(IOT), FE, AIDS, CS, AIML, CSD)***	**Professional Elective-III :** Digital Signal Processing **(R204102A)**/ Renewable and Distributed Energy Technologies **(R204102B)**/ Flexible Alternating Current Transmission Systems **(R204102C)**/ Power Systems Deregulation **(R204102D)**/ Data Base Management Systems **(R204102E)**	**Professional Elective-IV** : Hybrid Electric Vehicles **(R204102F)**/ High Voltage Engineering **(R204102G)**/ Programmable Logic Controllers and Applications **(R204102H)**	**Professional Elective-V :** Power System Operation and Control **(R204102I)**/ Switched Mode Power Conversion **(R204102J)**/ AI Applications toElectrical Engineering **(R204102K)**	**Open Elective-III** : Concepts of Microprocessors and Microcontrollers **(R204102L)**/ Fundamentals of Electric Vehicles **(R204102M)**/ Concepts of Internet of Things **(R204102N)**	**Open Elective-IV** : Concepts of Power System Engineering **(R204102O)**/ Concepts of Smart Grid Technologies **(R204102P)**	Data Science **(R204105R)** ***(Common to EEE PE-V & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-3)***	Deep Learning Techniques **(R204105E)** ***(Common to EEE, CSE, IT, PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)*** / MEAN Stack Technologies **(R204105V)** ***(Common to EEE PE-V & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)*** Cloud Computing with AWS **(R204105W)** ***(Common to EEE PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)***	Additive Manufacturing **(R204103P)** ***(Common to PE-V & OE-3)***	

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Mechanical Engineering (03)	Universal Human Values-2: Understanding Harmony (**R2041011**) ***(Common to CE, EEE, ME, ECE, CSE, IT, AME, MiE, AgriE, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), CSE(CS), CSE(IOTCSIBCT), CSE(IOT), FE, AIDS, CS, AIML, CSD)***	**Professional Elective-III :** Mechanical Vibrations **(R204103A)**/ Operations Research **(R204103B)**/ Unconventional Machining Processes **(R204103C)**/ Computational Fluid Dynamics **(R204103D)**/ Gas Dynamics and Jet Propulsion **(R204103E)**/ MOOCs (NPTEL/Swayam) Course (12 Week duration) **(R204103F)**	**Professional Elective-IV** : Automation in Manufacturing **(R204103G)**/ Power Plant Engineering **(R204103H)**/ Big Data Analytics **(R204103I)**/ Production Planning and Control **(R204103J)**/ Condition Monitoring **(R204103K)**/ MOOCs (NPTEL/Swayam) Course (12 Week duration) **(R204103L)**	**Professional Elective-V** : Advanced Manufacturing Processes **(R204103M)**/ Refrigeration & Air-Conditioning **(R204103O)**/ Non Destructive Evaluation **(R204103Q)**/ MOOCs (NPTEL/Swayam) Course (12 Week duration) **(R204103R)**	**Open Elective-III** : Finite Element Methods **(R204103S)**/ Introduction to Artificial Intelligence & Machine Learning **(R204103T)**	**Open Elective-IV** : Optimization Techniques **(R204103U)**/ Smart Manufacturing **(R204103V)**/ Safety Engineering **(R204103W)**/ Operations Management **(R204103X)**	Mechatronics **(R204103N)** ***(Common to PE-V & OE-3)***	……		Additive Manufacturing (R204103P)
Electronics & Communication Engineering (04)	Universal Human Values-2: Understanding Harmony (**R2041011**) ***(Common to CE, EEE, ME, ECE, CSE, IT, AME, MiE, AgriE, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), CSE(CS), CSE(IOTCSIBCT), CSE(IOT), FE, AIDS, CS, AIML, CSD)***	**Professional Elective-III :** Optical Communication **(R204104A)**/ Digital Image Processing **(R204104B)**/ Low Power VLSI Design **(R204104C)**	**Professional Elective-IV** : Satellite Communications **(R204104D)**/ Soft Computing Techniques **(R204104E)**/ Digital IC Design using CMOS **(R204104F)**	**Professional Elective-V** : Radar engineering **(R204104G)**/ Pattern recognition & Machine Learning **(R204104H)**/ Internet of Things **(R204104I)**	**Open Elective-III** : Basics of Signals and Systems **(R204104J)**/ Electronic Measurements and Instrumentation **(R204104K)**/ Principles of Signal Processing **(R204104L)**/ Industrial Electronics **(R204104M)**/ Consumer Electronics **(R204104N)**/ Fundamentals of Microprocessors and Microcontrollers **(R204104O)**/ Transducers and Sensors **(R204104P)**/ IOT and Applications **(R204104Q)**	**Open Elective-IV** : Soft Computing Techniques **(R204104R)**/ IC Applications **(R204104S)** / Principles of Communications **(R204104T)**/ Basic Electronics **(R204104U)**/ Data Communications **(R204104V)**/ Digital Logic design **(R204104W)**/ Remote Sensing and GIS **(R204104X)**/ Bio Medical Instrumentation **(R204104Y)**	……	……	……	

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Computer Science & Engineering (05)	Universal Human Values-2: Understanding Harmony (**R2041011**) ***(Common to CE, EEE, ME, ECE, CSE, IT, AME, MiE, AgriE, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), CSE(CS), CSE(IOTCSIBCT), CSE(IOT), FE, AIDS, CS, AIML, CSD)***	**Professional Elective-III** : Cloud Computing **(R204105A)** ***(Common to CSE, IT)*** / Neural Networks and Soft Computing **(R204105B)** / Ad-hoc and Sensor Networks **(R204105C) /** Cyber Security & Forensics **(R204105D)** ***(Common to CSE, IT)***	**Professional Elective-IV :** Computer Vision **(R204105G)** ***(Common to CSE, CSE(AIDS), AIDS, CSD)*** / MOOCS-NPTEL/SWAYAM **(R204105H)**	**Professional Elective-V :** Wireless Network Security **(R204105J)**/ Ethical Hacking **(R204105K)** ***(Common to CSE, IT)*** / MOOCS-NPTEL/SWAYAM **(R204105L) /** Block Chain Technologies **(R204105I) (Common to CSE, IT)**	**Open Elective-III :** API and Microservices (Job Oriented Course) **(R204105M)**/ AI Tools & Techniques **(R204105N)**/ Image Processing **(R204105O)**/ Information Security **(R204105P)**/ Mobile Application Development **(R204105Q)**/ Cyber Security **(R204105S)**/ Introduction to Internet of Things **(R204105T)** ***(Common to OE-III as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	**Open Elective-IV :** Secure Coding Techniques (Job Oriented Course) **(R204105U)**/ Block Chain Technologies **(R204105X)**/ Introduction to Machine Learning **(R204105Z)**/ Machine Learning with Python **(R2041051)** ***(Common to OE-IV as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	Social Network And Semantic Web (Job Oriented Course) **(R204105F)** ***(Common to CSE, PE-IV & CSE(IOTCSIBCT) OE-3)*** / Data Science **(R204105R)** ***(Common to EEE PE-V & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-3)***	Deep Learning Techniques **(R204105E)** ***(Common to EEE, CSE, IT, PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)*** / MEAN Stack Technologies **(R204105V)** / Cloud Computing with AWS **(R204105W)** ***(Common to EEE PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)***/ Cryptography and Network Security **(R204105Y)** ***(Common to CSE(AIML), CSE(AI), AIML, CSD PE-III & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)***	Unix and Shell Programming **(204105MF) /** Software Engineering **(204105MA) /** Matrix Analysisof Structures **(204101HB) /** Web Security **(204105HR) /** Smart Grid Technologies **(204102HB) /** Materials Technology **(204103HE) /** Signal Analysis **(204104MD) /** Reinforcement Learning **(204142MA) /** Medical Image Data Processing **(204105HW) / Reinforcement Learning (204105HD) / Service Oriented Architectures (204105HG)/ Data Wrangling and**	

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Information Technology (12)	Universal Human Values-2: Understanding Harmony (**R2041011**) ***(Common to CE, EEE, ME, ECE, CSE, IT, AME, MiE, AgriE, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), CSE(CS), CSE(IOTCSIBCT), CSE(IOT), FE, AIDS, CS, AIML, CSD)***	**Professional Elective-III :** Cloud Computing **(R204105A)** ***(Common to CSE, IT)*** **/ C**yber Security & Forensics **(R204105D)** ***(Common to CSE, IT)*** **/** Artificial Neural Networks **(R204112A)/** Internet of Things (IoT) **(R204112B)**	**Professional Elective-IV :** Advanced Databases **(R204112D)/** MOOCS-NPTEL/SWAYAM **(R204112E)/** Social Networks Analysis **(R204112C)**	**Professional Elective-V :** M-Commerce **(R204112F)/** Ethical Hacking **(R204105K)** ***(Common to CSE, IT)*** **/** MOOCS-NPTEL/SWAYAM **(R204112G) /** Block Chain Technologies **(R204105I)** ***(Common to CSE, IT)***	**Open Elective-III :** AI Tools & Techniques **(R204105N)/** Image Processing **(R204105O)/** Information Security **(R204105P)/** Mobile Application Development **(R204105Q)/** Cyber Security **(R204105S)/** Introduction to Internet of Things **(R204105T)** ***(Common to OE-III as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	**Open Elective-IV :** Block Chain Technologies **(R204105X)/** Introduction to Machine Learning **(R204105Z)/** Machine Learning with Python **(R2041051)** ***(Common to OE-IV as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	Data Science **(R204105R)** ***(Common to EEE PE-V & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-3)***	Deep Learning Techniques **(R204105E)** ***(Common to EEE, CSE, IT, PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)*** / MEAN Stack Technologies **(R204105V)** / Cloud Computing with AWS **(R204105W)** ***(Common to EEE PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)/*** Cryptography and Network Security **(R204105Y)** ***(Common to CSE(AIML), CSE(AI), AIML, CSD PE-III & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)***		
Automobile Engineering (24)	Universal Human Values-2: Understanding Harmony (**R2041011**) ***(Common to CE, EEE, ME, ECE, CSE, IT, AME, MiE, AgriE, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), CSE(CS), CSE(IOTCSIBCT), CSE(IOT), FE, AIDS, CS, AIML, CSD)***	**Professional Elective-III :** Automobile HVAC **(R204124B)/** Special Purpose Vehicles **(R204124C)/** Vehicle Infotronics **(R204124E)/** MOOC's/NPTEL **(R204124F)**	**Professional Elective-IV** : Automobile Certification and Homologation **(R204124G)/** Total Quality Management **(R204124H)/** Electric Vehicles and Hybrid Technology **(R204124I)/** Facilities Planning and Material Handling **(R204124J)/** Rapid Prototyping **(R204124K)/** MOOC's/NPTEL **(R204124L)**	**Professional Elective-V** : Automobile Comfort Systems And Ergonomics **(R204124M)/** Lean Manufacturing **(R204124N)/** Vehicle Design Data Characteristics **(R204124O)/** Reliability Engineering **(R204124P)/** Smart, Autonomous and Connected Vehicles **(R204124Q)/** MOOC's/NPTEL **(R204124R)**	**Open Elective-III** : Automobile Power train **(R204124S)/** IC Engines **(R204124T)**	**Open Elective-IV** : Automobile Materials and Manufacturing Techniques **(R204124U)/** Automobile Electrical and Electronics **(R204124V)**	Automobile Safety **(R204124A) (Common to PE-III & OE-3)**	Engine Management Systems **(R204124D)** ***(Common to PE-III & OE-4)***		

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IV B.TECH - I SEMESTER (R20) SUPPLEMENTARY EXAMINATIONS, NOV/DEC-2026

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Mining Engineering (26)	Universal Human Values-2: Understanding Harmony (**R2041011**) ***(Common to CE, EEE, ME, ECE, CSE, IT, AME, MiE, AgriE, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), CSE(CS), CSE(IOTCSIBCT), CSE(IOT), FE, AIDS, CS, AIML, CSD)***	**Professional Elective-III :** Operations Research **(R204126A)**/ Dimensional Stone Mining **(R204126B)**/ Advanced Mining Techniques **(R204126C)**/ Planning of Underground Metal mining techniques **(R204126D)**	**Professional Elective-IV** : Mine closure and Reclamation **(R204126E)**/ Surface Mine Environment **(R204126F)** / Mineral Economics, Business and Trade **(R204126H)**	**Professional Elective-V** : Subsidence Engineering **(R204126I)**/ Rock Slope Engineering **(R204126J)**/ Advances in Rock Fragmentation **(R204126K)**/ Tunneling and Underground Space Technology **(R204126L)**	**Open Elective-III** : Mine Waste Management **(R204126M)**/ Mine Reclamation **(R204126N)**/ Environmental Impact of Mining **(R204126O)**	**Open Elective-IV** : Principles of Mineral Engineering **(R204126P)**/ Mine Instrumentation **(R204126Q)**/ Mine Safety & Ergonomics **(R204126R)**/ Numerical Methods in Mining Engineering **(R204126S)**	Sustainable Development for Mining **(R204126G) (Common to PE-IV & OE-3)**	……		
Agricultural Engineering (35)	Universal Human Values-2: Understanding Harmony (**R2041011**) ***(Common to CE, EEE, ME, ECE, CSE, IT, AME, MiE, AgriE, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), CSE(CS), CSE(IOTCSIBCT), CSE(IOT), FE, AIDS, CS, AIML, CSD)***	**Professional Elective-III :** Irrigation and Drainage Engineering **(R204135A)**/ Production Technology of Agricultural Machinery **(R204135B)**/ Food Plant Design and Management **(R204135C)**	**Professional Elective-IV** : Design of Soil and Water Conservation and Farm Systems **(R204135D)**/ Food Process Equipment Design **(R204135E)**/ Design of Agricultural Machinery **(R204135F)**	**Professional Elective-V** : Micro Irrigation Engineering **(R204135G)**/ Mechatronics in Agricultural Engineering **(R204135H)**/ Dairy and Food Engineering **(R204135I)**	**Open Elective-III** : Principles of Soil Science and Agronomy **(R204135J)**/ Farm Power and Tractor Systems **(R204135K)**/ Soil and Water Conservation Engineering **(R204135L)**/ Ground Water Hydrology, Wells and Pumps **(R204135M)**	**Open Elective-IV** : Surface Water Hydrology **(R204135N)**/ Post Harvest Engineering of Cereals, Pulses and Oilseeds **(R204135O)**/ Agricultural Process Engineering **(R204135P)**	……	……		

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T I M E T A B L E

TIME : 10.00 AM TO 01.00 PM

	16-11-2026 (Monday)	**18-11-2026 (Wednesday)**	**20-11-2026 (Friday)**	**23-11-2026 (Monday)**	**25-11-2026 (Wednesday)**	**27-11-2026 (Friday)**	**30.11.2026 (Monday)**	**03.12.2026 (Thursday)**	**05.12.2026 (Saturday)**	**07.12.2026 (Monday)**
CSE (Artificial Intelligence and Machine Learning) (42)	Universal Human Values-2: Understanding Harmony (**R2041011**) ***(Common to CE, EEE, ME, ECE, CSE, IT, AME, MiE, AgriE, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), CSE(CS), CSE(IOTCSIBCT), CSE(IOT), FE, AIDS, CS, AIML, CSD)***	**Professional Elective-III :** Reinforcement Learning **(R204142A)**/ Soft Computing **(R204142B)**/ Speech Processing **(R204142C)**/ Block Chain Technologies **(R204142P)** ***(Common to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	**Professional Elective-IV :** Robotic Process Automation **(R204142D)**/ Big Data Analytics **(R204142E)** ***(Common to CSE(AIML), CSE(AI), AIML, PE-IV & CSE (CS), CS PE-V & OE-3)*** / NOSQL Databases **(R204142F)**/ Video Analytics **(R204142G)**/ Cloud Computing **(R204142O)** ***(Common to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	**Professional Elective-V** : Recommender Systems **(R204142H)**/ AI Chatbots **(R204142I)**/ Object Oriented Analysis and Design **(R204142J)**/ Semantic Web **(R204142K)** / Social Networks Analysis **(R204142Q)** ***(Common to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	**Open Elective-III :** API and Microservices (Job Oriented Course) **(R204105M)**/ AI Tools & Techniques **(R204105N)**/ Image Processing **(R204105O)**/ Information Security **(R204105P)**/ Mobile Application Development **(R204105Q)**/ Cyber Security **(R204105S)**/ Introduction to Internet of Things **(R204105T)** ***(Common to OE-III as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	**Open Elective-IV :** Secure Coding Techniques (Job Oriented Course) **(R204105U)**/ Block Chain Technologies **(R204105X)**/ Introduction to Machine Learning **(R204105Z)**/ Machine Learning with Python **(R2041051)** ***(Common to OE-IV as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	Data Science **(R204105R)** ***(Common to EEE PE-V & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-3)***	Deep Learning Techniques **(R204105E)** ***(Common to EEE, CSE, IT, PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)*** / MEAN Stack Technologies **(R204105V)** / Cloud Computing with AWS **(R204105W)** ***(Common to EEE PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)***/ Cryptography and Network Security **(R204105Y)** ***(Common to CSE(AIML), CSE(AI), AIML, CSD PE-III & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)***		

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CSE (Artificial Intelligence) (43)	Universal Human Values-2: Understanding Harmony (**R2041011**) ***(Common to CE, EEE, ME, ECE, CSE, IT, AME, MiE, AgriE, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), CSE(CS), CSE(IOTCSIBCT), CSE(IOT), FE, AIDS, CS, AIML, CSD)***	**Professional Elective-III :** Reinforcement Learning **(R204142A)**/ Soft Computing **(R204142B)**/ Speech Processing **(R204142C)**/ Block Chain Technologies **(R204142P)** ***(Common to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	**Professional Elective-IV :** Robotic Process Automation **(R204142D)**/ Big Data Analytics **(R204142E)** ***(Common to CSE(AIML), CSE(AI), AIML, PE-IV & CSE (CS), CS PE-V & OE-3)*** / NOSQL Databases **(R204142F)**/ Video Analytics **(R204142G)**/ Cloud Computing **(R204142O)** ***(Common to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	**Professional Elective-V** : Recommender Systems **(R204142H)**/ AI Chatbots **(R204142I)**/ Object Oriented Analysis and Design **(R204142J)**/ Semantic Web **(R204142K)** / Social Networks Analysis **(R204142Q)** ***(Common to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	**Open Elective-III :** API and Microservices (Job Oriented Course) **(R204105M)**/ AI Tools & Techniques **(R204105N)**/ Image Processing **(R204105O)**/ Information Security **(R204105P)**/ Mobile Application Development **(R204105Q)**/ Cyber Security **(R204105S)**/ Introduction to Internet of Things **(R204105T)** ***(Common to OE-III as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	**Open Elective-IV :** Secure Coding Techniques (Job Oriented Course) **(R204105U)**/ Block Chain Technologies **(R204105X)**/ Introduction to Machine Learning **(R204105Z)**/ Machine Learning with Python **(R2041051)** ***(Common to OE-IV as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	Data Science **(R204105R)** ***(Common to EEE PE-V & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-3)***	Deep Learning Techniques **(R204105E)** ***(Common to EEE, CSE, IT, PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)*** / MEAN Stack Technologies **(R204105V)** / Cloud Computing with AWS **(R204105W)** ***(Common to EEE PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)***/ Cryptography and Network Security **(R204105Y)** ***(Common to CSE(AIML), CSE(AI), AIML, CSD PE-III & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)***		

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CSE (Data Science) (44)	Universal Human Values-2: Understanding Harmony (**R2041011**) ***(Common to CE, EEE, ME, ECE, CSE, IT, AME, MiE, AgriE, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), CSE(CS), CSE(IOTCSIBCT), CSE(IOT), FE, AIDS, CS, AIML, CSD)***	**Professional Elective-III :** Reinforcement Learning **(R204142A)**/ Nature Inspired Computing Techniques **(R204144A)**/ Social Media Analytics **(R204144B)**/ Block Chain Technologies **(R204142P)** ***(Common to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	**Professional Elective-IV :** SnowFlake Cloud Analytics **(R204144C)**/ Information Retrieval Systems **(R204144D)**/ NOSQL Databases **(R204142F)** / Cloud Computing **(R204142O)** ***(Common to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	**Professional Elective-V** : Recommender Systems **(R204142H)**/ AI Chatbots **(R204142I)**/ Data Visualization **(R204144E)**/ Social Networks Analysis **(R204142Q)** ***(Common to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	**Open Elective-III :** API and Microservices (Job Oriented Course) **(R204105M)**/ AI Tools & Techniques **(R204105N)**/ Image Processing **(R204105O)**/ Information Security **(R204105P)**/ Mobile Application Development **(R204105Q)**/ Cyber Security **(R204105S)**/ Introduction to Internet of Things **(R204105T)** ***(Common to OE-III as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	**Open Elective-IV :** Secure Coding Techniques (Job Oriented Course) **(R204105U)**/ Block Chain Technologies **(R204105X)**/ Introduction to Machine Learning **(R204105Z)**/ Machine Learning with Python **(R2041051)** ***(Common to OE-IV as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	Data Science **(R204105R)** ***(Common to EEE PE-V & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-3)***	Deep Learning Techniques **(R204105E)** ***(Common to EEE, CSE, IT, PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)*** / MEAN Stack Technologies **(R204105V)** / Cloud Computing with AWS **(R204105W)** ***(Common to EEE PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)***/ Cryptography and Network Security **(R204105Y)** ***(Common to CSE(AIML), CSE(AI), AIML, CSD PE-III & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)***		

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CSE (Artificial Intelligence and Data Science) (45)	Universal Human Values-2: Understanding Harmony (**R2041011**) ***(Common to CE, EEE, ME, ECE, CSE, IT, AME, MiE, AgriE, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), CSE(CS), CSE(IOTCSIBCT), CSE(IOT), FE, AIDS, CS, AIML, CSD)***	**Professional Elective-III :** Reinforcement Learning **(R204142A)**/ Nature Inspired Computing Techniques **(R204144A)**/ Social Media Analytics **(R204144B)**/ Block Chain Technologies **(R204142P)** ***(Common to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	**Professional Elective-IV :** Computer Vision **(R204105G)** ***(Common to CSE, CSE(AIDS), AIDS, CSD)*** / Information Retrieval Systems **(R204144D)**/ NOSQL Databases **(R204142F)** / Cloud Computing **(R204142O)** ***(Common to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	**Professional Elective-V** : Recommender Systems **(R204142H)**/ AI Chatbots **(R204142I)**/ Data Visualization **(R204144E)**/ Social Networks Analysis **(R204142Q)** ***(Common to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	**Open Elective-III :** API and Microservices (Job Oriented Course) **(R204105M)**/ AI Tools & Techniques **(R204105N)**/ Image Processing **(R204105O)**/ Information Security **(R204105P)**/ Mobile Application Development **(R204105Q)**/ Cyber Security **(R204105S)**/ Introduction to Internet of Things **(R204105T)** ***(Common to OE-III as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	**Open Elective-IV :** Secure Coding Techniques (Job Oriented Course) **(R204105U)**/ Block Chain Technologies **(R204105X)**/ Introduction to Machine Learning **(R204105Z)**/ Machine Learning with Python **(R2041051)** ***(Common to OE-IV as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	Data Science **(R204105R)** ***(Common to EEE PE-V & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-3)***	Deep Learning Techniques **(R204105E)** ***(Common to EEE, CSE, IT, PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)*** / MEAN Stack Technologies **(R204105V)** / Cloud Computing with AWS **(R204105W)** ***(Common to EEE PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)***/ Cryptography and Network Security **(R204105Y)** ***(Common to CSE(AIML), CSE(AI), AIML, CSD PE-III & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)***		
CSE (Cyber Security) (46)	Universal Human Values-2: Understanding Harmony (**R2041011**) ***(Common to CE, EEE, ME, ECE, CSE, IT, AME, MiE, AgriE, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), CSE(CS), CSE(IOTCSIBCT), CSE(IOT), FE, AIDS, CS, AIML, CSD)***	**Professional Elective-III :** Internet Of Things **(R204146A)**/ Information Coding Techniques **(R204146D)** / Mobile and Wireless Security **(R204146E)** ***(Common to CSE(CS), CS)***	**Professional Elective-IV** : Ad-hoc and Sensor Networks **(R204146R)** / Big Data Analytics **(R204142E)** ***(Common to CSE(AIML), CSE(AI), AIML, PE-IV & CSE (CS), CS PE-V & OE-3)*** / Cyber Crime Investigation and Digital Forensics **(R204146F)** ***(Common to CSE(CS), CS PE-IV , OE-4 & CSE(IOTCSIBCT) PE-IV)***	**Professional Elective-V** : Cyber Laws and Security Policies **(R204146J)**/ Intrusion Detection and Prevention System **(R204146K)**/ Data Privacy **(R204146L)**/ Ethical Hacking **(R204146M)**	**Open Elective-III** : DevOps (Job Oriented Course) **(R204146N)**/ Cryptography and Network Security **(R204146O)**	**Open Elective-IV** : Multimedia And Rich Internet Applications (Job Oriented Course) **(R204146P)**	Data Science **(R204146B)** ***(Common to PE-III & OE-3 CSE(CS), CSE(IOTCSIBCT), CSE(IoT) CS)***	Distributed Systems **(R204146C)** ***(Common to CSE(CS), CS PE-III & OE-4)*** / Mean Stack Technologies **(R204146H)** ***(Common to CSE(IoT),CSE(CS), CSE(IOTCSIBCT) PE-IV & CSE(IoT) OE-4)*** / Malware Analysis & Reverse Engineering **(R204146I)** ***(Common to CSE(CS), CSE(IOTCSIBCT) PE-IV & CSE(CS) OE-4)*** / Machine Learning **(R204146Q)** ***(Common to CSE(IOTCSIBCT) PE-V & CSE(CS),CSE(IOTCSIBCT), CSE(IoT) OE-4)***	Cloud Computing **(R204146G)** ***(Common to CSE(CS) PE-IV , OE-3 & CSE(IoT) PE-IV)***	

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CSE (Internet of things and Cyber security including Block chain Technology) (47)	Universal Human Values-2: Understanding Harmony (**R2041011**) ***(Common to CE, EEE, ME, ECE, CSE, IT, AME, MiE, AgriE, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), CSE(CS), CSE(IOTCSIBCT), CSE(IOT), FE, AIDS, CS, AIML, CSD)***	**Professional Elective-III :** Software Testing Methodologies **(R204147A)**/ NoSQL Databases **(R204147B)**/ Privacy and Security in IOT **(R204147C)**/ Cloud Computing **(R204147Q)**	**Professional Elective-IV** : Object Oriented Analysis & Design Using UML **(R204147D)**/ Intrusion Detection Systems **(R204147E)** / Cyber Crime Investigation and Digital Forensics **(R204146F)** ***(Common to CSE(CS), CS PE-IV , OE-4 & CSE(IOTCSIBCT) PE-IV)***	**Professional Elective-V** : Deep Learning **(R204147F)**/ Quantum Computing **(R204147G)**/ Dev Ops **(R204147H)**/ Mobile and Wireless Security **(R204147P)**	**Open Elective-III** : Sensors and Actuator Devices for IoT **(R204147J)**/ Cryptography and Network Security **(R204146O)**	**Open Elective-IV** : Multimedia And Rich Internet Applications (Job Oriented Course) **(R204146P)**/ Distributed Computing **(R204147M)**	Social Network And Semantic Web (Job Oriented Course) **(R204105F)** ***(Common to CSE, PE-IV & CSE(IOTCSIBCT) OE-3)*** / Data Science **(R204146B) (Common to PE-III & OE-3 CSE(CS), CSE(IOTCSIBCT), CSE(IoT)** / Big Data Analytics for IoT **(R204147I)** ***(Common to CSE(IoT) PE-IV & CSE(IOTCSIBCT), CSE(IoT) OE-3)***	Mean Stack Technologies **(R204146H)** ***(Common to CSE(IoT),CSE(CS), CSE(IOTCSIBCT) PE-IV & CSE(IoT) OE-4)*** / Malware Analysis & Reverse Engineering **(R204146I)** ***(Common to CSE(CS), CSE(IOTCSIBCT) PE-IV & CSE(CS) OE-4)*** /Machine Learning **(R204146Q)** ***(Common to CSE(IOTCSIBCT) PE-V & CSE(CS),CSE(IOTCSIBCT), CSE(IoT) OE-4)*** / Programming and Interfacing with Microcontrollers **(R204147K) (Common to CSE(IoT) PE-III & CSE(IOTCSIBCT), CSE(IoT) OE-4)** / Block Chain Technologies **(R204147L) (Common to CSE(IoT) PE-III & CSE(IOTCSIBCT), CSE(IoT) OE-4)**		
CSE (Internet of Things) (49)	Universal Human Values-2: Understanding Harmony (**R2041011**) ***(Common to CE, EEE, ME, ECE, CSE, IT, AME, MiE, AgriE, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), CSE(CS), CSE(IOTCSIBCT), CSE(IOT), FE, AIDS, CS, AIML, CSD)***	**Professional Elective-III :** Mobile Computing **(R204149A)**/ No SQL Databases **(R204147B)**/ Privacy and Security in IOT **(R204147C)**	**Professional Elective-IV** : Fog Computing **(R204149B)** Cyber Security & Forensics **(R204149H)**	**Professional Elective-V** : Deep Learning **(R204147F)**/ Wearable Computing **(R204149C)**/ Dev Ops **(R204147H)**/ Software Testing Methodologies **(R204149I)**	**Open Elective-III** : Middleware Technologies (Job Oriented Course) **(R204149D)**/ Sensors and Actuator Devices for IoT **(R204147J)**/ Embedded System Design **(R204149E)**	**Open Elective-IV** : Multimedia And Rich Internet Applications **(R204146P)**/ Cryptography and Network Security **(R204149J)**	Data Science **(R204146B) (Common to PE-III & OE-3 CSE(CS), CSE(IOTCSIBCT), CSE(IoT)** /Big Data Analytics for IoT **(R204147I)** ***(Common to CSE(IoT) PE-IV & CSE(IOTCSIBCT), CSE(IoT) OE-3)***	Mean Stack Technologies **(R204146H)** ***(Common to CSE(IoT),CSE(CS), CSE(IOTCSIBCT) PE-IV & CSE(IoT) OE-4)*** /Machine Learning **(R204146Q)** ***(Common to CSE(IOTCSIBCT) PE-V & CSE(CS),CSE(IOTCSIBCT), CSE(IoT) OE-4)*** / Programming and Interfacing with Microcontrollers **(R204147K)** ***(Common to CSE(IoT) PE-III & CSE(IOTCSIBCT), CSE(IoT) OE-4)*** / Block Chain Technologies **(R204147L)** ***(Common to CSE(IoT) PE-III & CSE(IOTCSIBCT), CSE(IoT) OE-4)***	Cloud Computing **(R204146G)** ***(Common to CSE(CS) PE-IV , OE-3 & CSE(IoT) PE-IV)***	

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ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (54)	Universal Human Values-2: Understanding Harmony (**R2041011**) ***(Common to CE, EEE, ME, ECE, CSE, IT, AME, MiE, AgriE, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), CSE(CS), CSE(IOTCSIBCT), CSE(IOT), FE, AIDS, CS, AIML, CSD)***	**Professional Elective-III :** Reinforcement Learning **(R204142A)**/ Nature Inspired Computing Techniques **(R204144A)**/ Social Media Analytics **(R204144B)**/ Block Chain Technologies **(R204142P)** ***(Common to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	**Professional Elective-IV :** Computer Vision **(R204105G)** ***(Common to CSE, CSE(AIDS), AIDS, CSD)*** / Information Retrieval Systems **(R204144D)**/ NOSQL Databases **(R204142F)** / Cloud Computing **(R204142O)** ***(Common to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	**Professional Elective-V** : Recommender Systems **(R204142H)**/ AI Chatbots **(R204142I)**/ Data Visualization **(R204144E)**/ Social Networks Analysis **(R204142Q)** ***(Common to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	**Open Elective-III :** API and Microservices (Job Oriented Course) **(R204105M)**/ AI Tools & Techniques **(R204105N)**/ Image Processing **(R204105O)**/ Information Security **(R204105P)**/ Mobile Application Development **(R204105Q)**/ Cyber Security **(R204105S)**/ Introduction to Internet of Things **(R204105T)** ***(Common to OE-III as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	**Open Elective-IV :** Secure Coding Techniques (Job Oriented Course) **(R204105U)**/ Block Chain Technologies **(R204105X)**/ Introduction to Machine Learning **(R204105Z)**/ Machine Learning with Python **(R2041051)** ***(Common to OE-IV as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	Data Science **(R204105R)** ***(Common to EEE PE-V & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-3)***	Deep Learning Techniques **(R204105E)** ***(Common to EEE, CSE, IT, PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)*** / MEAN Stack Technologies **(R204105V)** / Cloud Computing with AWS **(R204105W)** ***(Common to EEE PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)***/ Cryptography and Network Security **(R204105Y)** ***(Common to CSE(AIML), CSE(AI), AIML, CSD PE-III & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)***	……	
PHARMACEUTICAL ENGINEERING (55)	Industrial Pharmacy **(R204155A)**	**Professional Elective-III :** Bio Medical Instrumentation **(R204155B)**/ Pharmaceutical product development **(R204155C)**/ Industrial Process Control **(R204155D)**	**Professional Elective-IV** : Pharmaceutical Packaging Technology **(R204155E)**/ Introduction to Biomaterials and Tissue Engineering **(R204155F)**/ Good Manufacturing Practices **(R204155G)**	……	**Open Elective-III** : Robotics **(R204155H)**/ Synthesis And Characterization of Nano Materials **(R204155I)**/ Industrial Psychology and Human Resource Management **(R204155J)**	**Open Elective-IV** : Principles of mechanical measurements **(R204155K)**/ Aritificial Intelligence & Machine Learning **(R204155L)**/ Bioinformatics **(R204155M)**	……	……		

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IV B.TECH - I SEMESTER (R20) SUPPLEMENTARY EXAMINATIONS, NOV/DEC-2026

T I M E T A B L E

TIME : 10.00 AM TO 01.00 PM

	16-11-2026 (Monday)	**18-11-2026 (Wednesday)**	**20-11-2026 (Friday)**	**23-11-2026 (Monday)**	**25-11-2026 (Wednesday)**	**27-11-2026 (Friday)**	**30.11.2026 (Monday)**	**03.12.2026 (Thursday)**	**05.12.2026 (Saturday)**	**07.12.2026 (Monday)**
CYBER SECURITY (59)	Universal Human Values-2: Understanding Harmony (**R2041011**) ***(Common to CE, EEE, ME, ECE, CSE, IT, AME, MiE, AgriE, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), CSE(CS), CSE(IOTCSIBCT), CSE(IOT), FE, AIDS, CS, AIML, CSD)***	**Professional Elective-III :** Internet Of Things **(R204146A)**/ Information Coding Techniques **(R204146D)** / Mobile and Wireless Security **(R204146E)** ***(Common to CSE(CS), CS)***	**Professional Elective-IV** : Ad-hoc and Sensor Networks **(R204146R) /** Big Data Analytics **(R204142E)** ***(Common to CSE(AIML), CSE(AI), AIML, PE-IV & CSE (CS), CS PE-V & OE-3)*** / Cyber Crime Investigation and Digital Forensics **(R204146F)** ***(Common to CSE(CS), CS PE-IV , OE-4 & CSE(IOTCSIBCT) PE-IV)***	**Professional Elective-V** : Cyber Laws and Security Policies **(R204146J)**/ Intrusion Detection and Prevention System **(R204146K)**/ Data Privacy **(R204146L)**/ Ethical Hacking **(R204146M)**	**Open Elective-III** : DevOps (Job Oriented Course) **(R204146N)**/ Cryptography and Network Security **(R204146O)**	**Open Elective-IV** : Multimedia And Rich Internet Applications (Job Oriented Course) **(R204146P)**	Data Science **(R204146B)** ***(Common to PE-III & OE-3 CSE(CS), CSE(IOTCSIBCT), CSE(IoT) CS)***	Distributed Systems **(R204146C)** ***(Common to CSE(CS), CS PE-III & OE-4)*** / Mean Stack Technologies **(R204146H)** ***(Common to CSE(IoT),CSE(CS), CSE(IOTCSIBCT) PE-IV & CSE(IoT) OE-4)*** / Malware Analysis & Reverse Engineering **(R204146I)** ***(Common to CSE(CS), CSE(IOTCSIBCT) PE-IV & CSE(CS) OE-4)*** / Machine Learning **(R204146Q)** ***(Common to CSE(IOTCSIBCT) PE-V & CSE(CS),CSE(IOTCSIBCT), CSE(IoT) OE-4)***	Cloud Computing **(R204146G)** ***(Common to CSE(CS) PE-IV , OE-3 & CSE(IoT) PE-IV)***	
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (61)	Universal Human Values-2: Understanding Harmony (**R2041011**) ***(Common to CE, EEE, ME, ECE, CSE, IT, AME, MiE, AgriE, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), CSE(CS), CSE(IOTCSIBCT), CSE(IOT), FE, AIDS, CS, AIML, CSD)***	**Professional Elective-III :** Reinforcement Learning **(R204142A)**/ Soft Computing **(R204142B)**/ Speech Processing **(R204142C)**/ Block Chain Technologies **(R204142P)** ***(Common to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	**Professional Elective-IV :** Robotic Process Automation **(R204142D)**/ Big Data Analytics **(R204142E)** ***(Common to CSE(AIML), CSE(AI), AIML, PE-IV & CSE (CS), CS PE-V & OE-3)*** / NOSQL Databases **(R204142F)**/ Video Analytics **(R204142G)**/ Cloud Computing **(R204142O)** ***(Common to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	**Professional Elective-V** : Recommender Systems **(R204142H)**/ AI Chatbots **(R204142I)**/ Object Oriented Analysis and Design **(R204142J)**/ Semantic Web **(R204142K) /** Social Networks Analysis **(R204142Q)** ***(Common to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	**Open Elective-III :** API and Microservices (Job Oriented Course) **(R204105M)**/ AI Tools & Techniques **(R204105N)**/ Image Processing **(R204105O)**/ Information Security **(R204105P)**/ Mobile Application Development **(R204105Q)**/ Cyber Security **(R204105S)**/ Introduction to Internet of Things **(R204105T)** ***(Common to OE-III as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	**Open Elective-IV :** Secure Coding Techniques (Job Oriented Course) **(R204105U)**/ Block Chain Technologies **(R204105X)**/ Introduction to Machine Learning **(R204105Z)**/ Machine Learning with Python **(R2041051)** ***(Common to OE-IV as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	Data Science **(R204105R)** ***(Common to EEE PE-V & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-3)***	Deep Learning Techniques **(R204105E)** ***(Common to EEE, CSE, IT, PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)*** / MEAN Stack Technologies **(R204105V)** / Cloud Computing with AWS **(R204105W)** ***(Common to EEE PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)***/ Cryptography and Network Security **(R204105Y)** ***(Common to CSE(AIML), CSE(AI), AIML, CSD PE-III & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)***		

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COMPUTER SCIENCE AND DESIGN (62)	Universal Human Values-2: Understanding Harmony (**R2041011**) ***(Common to CE, EEE, ME, ECE, CSE, IT, AME, MiE, AgriE, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), CSE(CS), CSE(IOTCSIBCT), CSE(IOT), FE, AIDS, CS, AIML, CSD)***	**Professional Elective-III :** Reinforcement Learning **(R204142A)**/ Nature Inspired Computing Techniques **(R204144A)/** Block Chain Technologies **(R204142P)** ***(Common to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	**Professional Elective-IV :** Robotic Process Automation **(R204142D)**/ Computer Vision **(R204105G)** ***(Common to CSE, CSE(AIDS), AIDS, CSD)*** / NOSQL Databases **(R204142F)** / Cloud Computing **(R204142O)** ***(Common to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	**Professional Elective-V** : Recommender Systems **(R204142H)**/ AI Chatbots **(R204142I)**/ Data Visualization **(R204144E)/** Social Networks Analysis **(R204142Q)** ***(Common to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	**Open Elective-III :** API and Microservices (Job Oriented Course) **(R204105M)**/ AI Tools & Techniques **(R204105N)**/ Image Processing **(R204105O)**/ Information Security **(R204105P)**/ Mobile Application Development **(R204105Q)**/ Cyber Security **(R204105S)**/ Introduction to Internet of Things **(R204105T)** ***(Common to OE-III as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	**Open Elective-IV :** Secure Coding Techniques (Job Oriented Course) **(R204105U)**/ Block Chain Technologies **(R204105X)**/ Introduction to Machine Learning **(R204105Z)**/ Machine Learning with Python **(R2041051)** ***(Common to OE-IV as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)***	Data Science **(R204105R)** ***(Common to EEE PE-V & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-3)***	Deep Learning Techniques **(R204105E)** ***(Common to EEE, CSE, IT, PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)*** / MEAN Stack Technologies **(R204105V)** / Cloud Computing with AWS **(R204105W)** ***(Common to EEE PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)***/ Cryptography and Network Security **(R204105Y)** ***(Common to CSE(AIML), CSE(AI), AIML, CSD PE-III & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)***		

NOTE:

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 INCLUED IN THE ABOVE LIST IMMEDIATELY.

Sd/-
Controller of Examinations

DATE: 29.10.2026

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

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IV B.TECH I SEMESTER (R23 REGULATION) REGULAR EXAMINATIONS, NOVEMBER-2026

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CIVIL ENGINEERING (01-CE)	Geotechnical Engineering-2 (R2341011)	Advance Construction management (R2341012)	Pre-stressed Concrete (R234101A) Advanced Environmental Engineering (R234101B) Design & drawing of Irrigation Structures (R234101C)	Advanced Structural Engineering (R234101D) Environmental Impact Assessment (R234101E) Railways and Airport Engineering (R234101F)	Building Meterials For Engineers (R234101G) Environmental Impact Assessment (R234101H) Intelligent Transportation Systems (R234101I)	Quantum Science and Technology (R234101J) (Common to CE,EEE,ME,ECE,CSE,IT,AME,MINING, AGRI,CSE-DS,CSE-AI&DS,CSE-IOT AND CS Including BCT,AI&DS,Pharmaceutical,CS&BS,CS, CSD,CS) GEO-SPATIAL TECHNOLOGIES (R234101K) SOLID WASTE MANAGEMENT (R234101L) APPLIED MECHANICS (R234101M)
ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)	Power System Operation and Control (R2341021)	Energy Management & Auditing (R2341022)	EHVAC & HVDC Transmission Systems (R234102A) Programmable Logic Controllers (R234102B) Electrical Distribution System (R234102C)	Electric Vehicles (R234102D) Switched Mode Power Conversion (R234102E) Design of PV systems (R234102F)	Battery Management Systems and Charging Stations (R234102G) Concepts of Smart Grid Technologies (R234102H)	Concepts of Power Quality (R234102I) Quantum Science and Technology (R234101J)
MECHANICAL ENGINEERING (03-ME)	CAD/CAM (R2341031)	Operations Research (R2341032)	Mechatronics (R234103A) Computational Fluid Dynamics (R234103B) Functional Materials and Applications (R234103C) Drives and Actuators for Robotics (R234103D)	Hydrogen and Fuel Cell Technology (R234103E) Smart Manufacturing (R234103F) Autonomous Systems (R234103G) Embedded Systems and Programming (R234103H)	Finite Element Methods (R234103I) Introduction to Mechatronics (R234103J) Product design and development (R234103K) Advanced Materials (R234103L) Introduction to Smart Manufacturing (R234103M)	Optimization Techniques (R234103N) Advanced Manufacturing Processes (R234103O) Total Quality Management (R234103P) Operations Management (R234103Q) Energy Auditing (R234103R) Quantum Science and Technology (R234101J)

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ELECTRONICS & COMMUNICATION ENGINEERING (04-ECE)	Cellular & Mobile Communications (R2341041)	Management Science (R2341042) (Common to ECE & Pharmaceutical Engieeing)	Low Power VLSI Design (R234104A) Coding Theory and Applications (R234104B) DSP Processors and Architectures (R234104C) Soft Computing Techniques (R234104D)	Radar Engineering (R234104F) Digital Image Processing (R234104G) Internet of Things (R234104H)	Fundamentals of VLSI Design (R234104I) Digital Electronics (R234104J) Electronic measurements and Instrumentations (R234104K) Optical communications (R234104L)	Principles of Cellular & Mobile communications (R234104M) Fundamentals of Satellite Communications (R234104N) Embedded Systems (R234104O) Transducers and Signal Conditioning (R234104P) Quantum Science and Technology (R234101J)
COMPUTER SCIENE & ENGINEERING (05-CSE)	Deep Learning (R2341051)	Human Resources & Project Management (R2341052)	Software Architecture & Design Patterns (R234105A) Blockchain Technology (R234105B) (Common to CSE, IT, CS & BS, COMPUTER SCIENCE) Augmented Reality & Virtual Reality (R234105C) (Common to CSE,CSE-AI,CS&BS) Internet of Things (R234105D) (Common to Computer Science and Engineering, Computer Science) Agentic AI (R234105E) (Common to Computer Science and Engineering & CSE - Data Science)	Agile Methodologies (R234105G) (Common to Computer Science and Engineering, Information Technology & Computer Science) Generative AI (R234105H) (Common to Computer Science and Engineering, Information Technology & Computer Science) Computer Vision (R234105I) (Common to Computer Science And Engineering,Computer Science & Business System) Cyber Physical Systems (R234105J) (Common to Computer Science and Engineering, Information Technology,Computer Science)	Object Oriented Programming Through Java (R234105L)	Principles of Software Engineering (R234105M) Computer Networks (R234105N) Quantum Science and Technology (R234101J)
INFORMATION TECHNOLOGY (12-IT)	Internet of Things (R2341121)	Human Resources & Project Management (R2341122)	Software Architecture & Design Pattern (R234105A) Deep Learning (R234112A) (Common to Information Technology,Computer Science) Computer Vision (R234112B) Blockchain Technology (R234105B)	Agile Methodologies (R234105G) Big Data Analytics (R234112D) (Common to Information Technology,Computer Science) Mobile Computing (R234112E) Cyber Physical Systems (R234105J) (Common to Computer Science and Engineering, Information Technology,Computer Science)	Object Oriented Programming Through Java (R234105L) (Computer Science and Engineering, IT, CSE-AIML,CSE-AI,CSE-DS,CSE-AI&DS, CSE-CS,AI&DS, AI&ML,CSD, CS)	Principles of Software Engineering (R234105M) Computer Networks (R234105N) (Common to CSE,IT,CSE-AI&ML,CSE-AI,CSE-DS,CSE-AI&DS,CSE-CS,AI&DS,AI&ML,CSD,CS) Quantum Science and Technology (R234101J)

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IV B.TECH I SEMESTER (R23 REGULATION) REGULAR EXAMINATIONS, NOVEMBER-2026

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AUTO MOBILE ENGINEERING (24-AME)	Automobile Transmission Systems (R2341241)	Total Quality Management (R2341242)	Forms and Aesthetics (R234124A) Automation using 4.0 (R234124B) EV Technology (R234124C) Autonomous Vehicle Controls (R234124D) Combustion Modeling (R234124E)	Vehicle Packaging (R234124G) Autonomous Vehicle Safety (R234124H) Electric Vehicle Safety (R234124I) Vehicle Aerodynamics (R234124J) Finite Element Analysis (R234124K)	Lean Manufacturing (R234124M) Automotive Safety (R234124N) Introduction to Electric Vehicle (R234124O)	Engine Management System (R234124P) Introduction to TQM (R234124Q) Introduction to EV Safety (R234124R) Quantum Science and Technology (R234101J)
MINING ENGINEERING (26-MM)	Mine Legislation and Safety (R2341261)	Industrial Management (R2341262)	Ground control (R234126A) Surface Mine Environment (R234126B) Sustainable Development for Mining (R234126C) Mineral Economics, Business and Trade (R234126D) Mine Management (R234126E)	Mineral Processing Technology (R234126F) Mine Economics (R234126G) Advances in Rock Fragmentation (R234126H) Planning of Underground Metal mining techniques (R234126I)	Mine Waste Management (R234126J) Sustainable Development in Mining Industry (R234126K) Mine Reclamation (R234126L) Environmental Impact of Mining (R234126M)	Principles of Mineral Engineering (R234126N) Mining Instrumentation (R234126O) Mine Safety & Ergonomics (R234126P) Mineral Exploration (R234126Q) Quantum Science and Technology (R234101J)
AGRICULTURAL ENGINEERING (35-AGE)	Soil and Water Conservation Engineering (R2341351)	Operations Research (R2341032) (Common to Mechanical,Agricultural Engineering)	Design of Soil and Water Conservation and Farm Systems (R234135A) Food Process Equipment Design (R234135B) Design of Agricultural Machinery (R234135C)	Micro Irrigation Engineering (R234135D) Mechatronics in Agricultural Engineering (R234135E) Food Plant Design and Management (R234135F)	Instrumentation and Process Control in Food Industry (R2341352)	Principles of Cellular & Mobile communications (R234104M) Fundamentals of Satellite Communications (R234104N) Quantum Science and Technology (R234101J)

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CSE (Artificial Intelligence and Machine Learning) (42)	Reinforcement Learning (R2341421)	Human Resource & Project Management (R2341422) (Common to CSE-AI&ML,CSE-DS,CS)	Responsible A.I. (R234142A) Blockchain Technology (R234142B) (Common to CSE-AIML,CSE-AI,CSE-DS,CSE- AI & DS,AI&DS,CSD) Quantum Computing (R234142C) (Common to CSE-AI&ML,CSE-AI, AI&ML) Robotic Process Automation (R234142D) (Common to CSE-AI&ML, AI&DS, AI&ML	Agile Methodologies (R234142F) (Common to CSE - AIML,CSE-AI,CSE-DS,CSE-AI&DS,AI&ML,CSD) Augmented Reality & Virtual Reality (R234142G) (Common to CSE-AIML,CSE-CS,CSE-IOT& CS INCLUDING BCT,CS) High Performance Computing (R234142H) (Common to CSE-AI&ML,CSE-AI,CSE-DS,CSE-AI&DS,AI&DS,AI&ML,CS) (Common to CSE-AI&ML,CSE-AI,CSE-DS,CSE-AI&DS,AI&DS,AI&ML,CS) Big Data Analytics (R234142I)	Object Oriented Programming Through Java (R234105L)	Computer Networks (R234105N) (Common to CSE,IT,CSE-AI&ML,CSE-AI,CSE-DS,CSE-AI&DS,CSE-CS,AI&DS,AI&ML,CSD,CS) Software Engineering (R234142K) (Common to CSE-AI&ML,CSE-AI,CSE-DS,CSE-AI&DS,AI&DS,AI&ML,CSD) IOT Based Smart Systems (R234142L) (Common to CSE-AI&ML,CSE-DS,CSE-AI&DS,AI&DS,AI&ML,CSD)
CSE (Artificial Intelligence) (43)	Natural Language Processing (R2341431)	Human Resources and Project Management (R2341122) (Common to IT,CSE-AI,CSE-AI&DS,AI&DS,CS,AI&ML,CSD)	Software Architecture & Design Patterns (R234105A) Blockchain Technology (R234142B) Quantum Computing (R234142C) Augmented Reality and Virtual Reality (R234105C) (Common to CSE,CSE-AI,CS&BS)	Agile Methodologies (R234142F) (Common to CSE - AIML,CSE-AI,CSE-DS,CSE-AI&DS,AI&ML,CSD) Architecture for Management of Large Datasets (R234143B) Reinforcement Learning (R234143C) (Common to CSE-AI,CSE-DS,CSE-AI&DS,AI&DS) High Performance Computing (R234142H)	Object Oriented Programming Through Java(R234105L) Quantum Science and Technology (R234143E)	Computer Networks (R234105N) Software Engineering (R234142K) Data Structures for Data Science (R234143F)
CSE (Data Science) (44)	Big Data Analytics (R2341441)	Human Resource & Project Management (R2341422) (Common to CSE-AI&ML,CSE-DS,CS)	Software Architecture & Design Pattern (R234105A) Blockchain Technology (R234142B) DevOps (R234144A) (Common to CSE-DS,CSE-AI&DS,AI&DS) Natural Language Processing (R234144B)	Agile Methodologies (R234142F) Expert Systems (R234144D) Reinforcement Learning (R234143C) High Performance Computing (R234142H)	Object Oriented Programming Through Java (R234105L)	Computer Networks (R234105N) Software Engineering (R234142K) IOT Based Smart Systems (R234142L) Quantum Science and Technology (R234101J)

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IV B.TECH I SEMESTER (R23 REGULATION) REGULAR EXAMINATIONS, NOVEMBER-2026

T I M E T A B L E

T I M E: 10.00 AM TO 01.00 PM

BRANCH	DAY AND DATE					
	16-11-2026 (Monday)	18-11-2026 (Wednesday)	20-11-2026 (Friday)	23-11-2026 (Monday)	25-11-2026 (Wednesday)	27-11-2026 (Friday)
CSE (Artificial Intelligence and Data Science) (45)	Deep Learning (R2341451)	Human Resource & Project Management (R2341122) (Common to IT,CSE-AI,CSE-AI&DS,AI&DS,CS,AI&ML,CSD)	Software Architecture & Design Pattern (R234105A) Block chain Technology (R234142B) DevOps (R234144A) (Common to CSE-DS,CSE-AI&DS,AI&DS) Architecture for Management of Large Datasets (R234145A)	Agile Methodologies (R234142F) Robotic Process Automation (R234145C) Reinforcement Learning (R234143C) High Performance Computing (R234142H)	Object Oriented Programming Through Java (R234105L)	Computer Networks (R234105N) Software Engineering (R234142K) IOT Based Smart Systems (R234142L) Quantum Science and Technology (R234101J)
CSE (Cyber Security) (46)	Blockchain Technology (R2341461)	Human Resource Management (R2341462)	Software Architecture & Design Patterns (R234105A) Network Management Systems and Operations (R234146A) Deep Learning (R234146B) (Common to CSE-CS, CS&BS,CS) Malware Analysis & Reverse Engineering (R234146C) (Common to CSE-CS,CSE-IOT&CS Including BCT)	Augmented Reality & Virtual Reality (R234142G) (Common to CSE-AIML,CSE-CS,CSE-IOT& CS INCLUDING BCT,CS) Intrusion Detection and Prevention System (R234146E) (Common to CSE-CS,CSE-IOT&CS Including BCT,CS) Metaverse (R234146F) (Common to CSE-CS,CSE-IOT&CS Including BCT,CS&BS) Cyber Laws and Security Policies (R234146G) (Common to CSE-	DataBase Management Systems (R234146I) (Common to CSE-CS,CSE-IOT&CS Including BCT,CS&BS,CS)	Computer Networks (R234105N) Quantum Science and Technology (R234101J)
CSE (Internet of things and Cyber security including Block chain Technology) (47)	Ad-hoc and Sensor Networks (R2341471)	Operations Management (R2341472) (Common to CSE-IOT&CS Including BCT,CS&BS)	IoT Applications (R234147A) Malware Analysis & Reverse Engineering (R234146C) Crypto Currency Technologies (R234147B) Design of IoT Architecture (R234147C)	Cyber Laws and Security Policies (R234146G) (Common to CSE-CS,CSE-IOT&CS Including BCT,CS) Intrusion Detection and Prevention System (R234146E) Metaverse (R234146F) (Common to CSE-CS,CSE-IOT&CS Including BCT,CS&BS) Smart Contract Essentials (R234147E) Augmented Reality & Virtual Reality (R234142G)	DataBase ManagementSystems (R234146I) (Common to CSE-CS,CSE-IOT&CS Including BCT,CS&BS,CS)	Computer Networks (R234105N) Quantum Science and Technology (R234101J)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

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ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (54)	Generative A.I. (R2341541) .(Common to AI&DS, AI&ML)	Human Resource & Project Management (R2341122)	Agentic AI (R234105E) Blockchain Technology (R234142B) DevOps (R234144A) Robotic Process Automation (R234142D)	Explainable AI (R234154B) Expert Systems (R234154C) Reinforcement Learning (R234143C) High Performance Computing (R234142H)	Object Oriented Programming Through Java (R234105L)	Computer Networks (R234105N) Software Engineering (R234142K) (Common to CSE-AI&ML,CSE-AI,CSE-DS,CSE-AI&DS,AI&DS,AI&ML,CSD) IOT Based Smart Systems (R234142L) Quantum Science and Technology (R234101J)
PHARMACEUTICAL ENGINEERING (55)	Industrial Pharmacy (R2341551)	Management Science (R2341042) (Common to ECE & Pharmaceutical Engineering)	Pharmaceutical Packaging Technology (R234155A) Introduction to Biomaterials and Tissue Engineering (R234155B) Good Manufacturing Practices (R234155C)	Pharmacovigilence (R234155D) Pharmaceutical analysis (R234155E) Invitro diagnosis (R234155F)	Instrumental methods of Analysis (R2341552)	Introduction to Additive Manufacturing (R234155G) Aritificial Intelligence & Machine Learning (R234155H) Bioinformatics (R234155I) Quantum Science and Technology (R234101J)
Computer Science and Business System (57)	Software Architecture & Design Patterns (R2341571)	Operations Management (R2341472) (Common to CSE-IOT&CS Including BCT,CS&BS)	Augmented Reality & Virtual Reality (R234105C) Blockchain Technology (R234105B) Deep Learning (R234146B) Embedded System (R234157A)	Agile methodologies (R234157C) Metaverse (R234146F) Computer Vision (R234105I) Data Visualization (R234157D)	Database Management Systems (R234146I)	Computer Networks (R234105N) Quantum Science and Technology (R234101J)
CYBER SECURITY (59)	Malware Analysis & Reverse Engineering (R2341591)	Human Resources & Project Management (R2341122)	Data Base Security and Privacy (R234159A) Application Threat detection (R234159B) Deep Learning (R234146B) Operating Systems Administration And Security (R234159C)	Augmented Reality & Virtual Reality (R234142G) Intrusion Detection and Prevention System (R234146E) (Common to CSE-CS,CSE-IOT&CS Including BCT,CS) Cloud Architectures And Security (R234159E) Cyber Laws and Security Policies (R234146G)	DataBaseManagementSystems (R234146I)	Computer Networks (R234105N) Quantum Science and Technology (R234101J)

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ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (61)	Generative AI (R2341541) (Common to AI&DS, AI&ML)	Human Resource & Project Management (R2341122)	Quantum Computing (R234142C) Robotic Process Automation (R234142D) Explainable AI (R234161A) Software Project Management (R234161B)	Agile Methodologies (R234142F) High Performance Computing (R234142H) Blockchain Technology (R234161D) NoSQL databases (R234161E)	Object Oriented Programming Through Java (R234105L)	Computer Networks (R234105N) Software Engineering (R234142K) IOT Based Smart Systems (R234142L) (Common to CSE-AI&ML,CSE-DS,CSE-AI&DS,AI&DS,AI&ML,CSD)
COMPUTER SCIENCE AND DESIGN (62)	Game Design and Development (R2341621)	Human Resource & Project Management (R2341122)	Software Architecture & Design Patterns (R234105A) Blockchain Technology (R234142B) Machine Learning (R234162A) Computer Vision (R234112B) Animation Principles and Design (R234162B)	Agile Methodologies (R234142F) Metaverse (R234162D) Cyber Physical Systems (R234162E) Digital Audio Design & Synthesis (R234162F) Big Data Analytics (R234142I)	Object Oriented Programming Through Java (R234105L)	Computer Networks (R234105N) Software Engineering (R234142K) IOT Based Smart Systems (R234142L) Quantum Science and Technology (R234101J)
COMPUTER SCIENCE (CoS-68)	Augmented Reality & Virtual Reality (R2341681)	Human Resources & Project Management (R2341422)	Software Architecture & Design Patterns (R234105A) Blockchain Technology (R234105b) Deep Learning (R234112A) Internet of Things (R234105D) (Common to Computer Science and Engineering, Computer Science)	Agile Methodologies (R234105G) Big Data Analytics (R234112D) Cyber Physical Systems (R234105J) High Performance Computing (R234142H)	Object Oriented Programming Through Java (R234105L)	Principles of Software Engineering (R234105M) Computer Networks (R234105N) Quantum Science and Technology (R234101J)

NOTE:

(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 INCLUED IN THE ABOVE LIST IMMEDIATELY.

Sd/-

Controller of Examinations

Date: 29-10-2026