JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

IV B.TECH - I SEMESTER (R20) REGULAR/SUPPLEMENTARY EXAMINATIONS, NOV/DEC-2025

T I M E T A B L E

TIME : 10.00 AM TO 01.00 PM

	17.11.2025 (Monday)	19.11.2025 (Wednesda)	21.11.2025 (Friday)	24.11.2025 (Monday)	26.11.2025 (Wednesday)	28.11.2025 (Friday)	01.12.2025 (Monday)	03.12.2025 (Wednesday)	05.12.2025 (Friday)
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	......	......	
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*)	……	
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 Data Science (204144MA) / Privacy & Security MIOT (204149MC)**

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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*) / Cyber 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*)	0
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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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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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)*	

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

IV B.TECH - I SEMESTER (R20) REGULAR/SUPPLEMENTARY EXAMINATIONS, NOV/DEC-2025

T I M E T A B L E

TIME : 10.00 AM TO 01.00 PM

	17.11.2025 (Monday)	19.11.2025 (Wednesda)	21.11.2025 (Friday)	24.11.2025 (Monday)	26.11.2025 (Wednesday)	28.11.2025 (Friday)	01.12.2025 (Monday)	03.12.2025 (Wednesday)	05.12.2025 (Friday)
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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TIME TABLE

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	17.11.2025 (Monday)	19.11.2025 (Wednesda)	21.11.2025 (Friday)	24.11.2025 (Monday)	26.11.2025 (Wednesday)	28.11.2025 (Friday)	01.12.2025 (Monday)	03.12.2025 (Wednesday)	05.12.2025 (Friday)
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)*	

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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) 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)	

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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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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)*

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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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TIME : 10.00 AM TO 01.00 PM

	17.11.2025 (Monday)	19.11.2025 (Wednesda)	21.11.2025 (Friday)	24.11.2025 (Monday)	26.11.2025 (Wednesday)	28.11.2025 (Friday)	01.12.2025 (Monday)	03.12.2025 (Wednesday)	05.12.2025 (Friday)
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: 30.10.2025