



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

IV B.TECH I SEMESTER (R20)

**IV B.TECH - I SEMESTER (R20) II MID & ONLINE QUIZ EXAMINATIONS, NOVEMBER - 2025**

**T I M E T A B L E**

TIME: 10.00 AM TO 12.00 NOON

Branch	DATE & DAY							
	03-11-2025 (Monday)	04-11-2025 (Tuesday)	05-11-2025 (Wednesday)	06-11-2025 (Thursday)	07-11-2025 (Friday)	08-11-2025 (Saturday)	10-11-2025 (Monday)	11-11-2025 (Tuesday)
<b>Civil Engineering (01)</b>	<b>Professional Elective-III :</b> Advanced Structural Engineering (R204101A)/ Bridge Engineering (R204101B)/ Structural Dynamics (R204101C)/ Urban Transportation Planning (R204101D)	<b>Professional Elective-IV :</b> Ground Improvement Techniques (R204101E)/ Geo-Spatial Technologies (R204101F)/ Disaster Management & Mitigation (R204101G)/ Soil dynamics & Machine Foundations (R204101H)	<b>Professional Elective-V :</b> Design & Drawing of Irrigation Structures (R204101I)/ Earth & Rock fill Dams (R204101J)/ Urban Hydrology (R204101K)/ SWAYAM / NPTEL /MOOCS COURSES (12 weeks duration) (R204101L)	<b>Open Elective-III :</b> Strength of Materials (R204101M)/ Fluid Mechanics (R204101N)/ Surveying and Geomatics (R204101O)/ Highway Engineering (R204101P)/ Safety Engineering (R204101Q)/ Environmental Management (R204101R)/ Urban Planning (R204101S)	<b>Open Elective-IV :</b> 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)	.....	.....	.....
<b>Electrical &amp; Electronics Engineering (02)</b>	<b>Professional Elective-III :</b> 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)	<b>Professional Elective-IV :</b> Hybrid Electric Vehicles (R204102F)/ High Voltage Engineering (R204102G)/ Programmable Logic Controllers and Applications (R204102H)	<b>Professional Elective-V :</b> Power System Operation and Control (R204102I)/ Switched Mode Power Conversion (R204102J)/ AI Applications to Electrical Engineering (R204102K)	<b>Open Elective-III :</b> Concepts of Microprocessors and Microcontrollers (R204102L)/ Fundamentals of Electric Vehicles (R204102M)/ Concepts of Internet of Things (R204102N)	<b>Open Elective-IV :</b> Concepts of Power System Engineering (R204102O)/ Concepts of Smart Grid Technologies (R204102P)	<b>Data Science (R204105R)</b> (Common to EEE PE-V & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-3)	<b>Deep Learning Techniques (R204105E)</b> (Common to EEE, CSE, IT, PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)/ <b>MEAN Stack Technologies (R204105V)</b> (Common to EEE PE-V & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4) <b>Cloud Computing with AWS (R204105W)</b> (Common to EEE PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)	.....



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<b>Mechanical Engineering (03)</b>	<b>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)</b>	<b>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)</b>	<b>Professional Elective-V : Advanced Manufacturing Processes (R204103M)/ Refrigeration &amp; Air-Conditioning (R204103O)/ Non Destructive Evaluation (R204103Q)/ MOOCs (NPTEL/Swayam) Course (12 Week duration) (R204103R)</b>	<b>Open Elective-III : Finite Element Methods (R204103S)/ Introduction to Artificial Intelligence &amp; Machine Learning (R204103T)</b>	<b>Open Elective-IV : Optimization Techniques (R204103U)/ Smart Manufacturing (R204103V)/ Safety Engineering (R204103W)/ Operations Management (R204103X)</b>	Mechatronics <b>(R204103N)</b> (Common to PE-V & OE-3)	.....	Additive Manufacturing <b>(R204103P)</b> (Common to PE-V & OE-3)



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<b>Electronics &amp; Communication Engineering (04)</b>	<b>Professional Elective-III : Optical Communication (R204104A)/ Digital Image Processing (R204104B)/ Low Power VLSI Design (R204104C)</b>	<b>Professional Elective-IV : Satellite Communications (R204104D)/ Soft Computing Techniques (R204104E)/ Digital IC Design using CMOS (R204104F)</b>	<b>Professional Elective-V : Radar engineering (R204104G)/ Pattern recognition &amp; Machine Learning (R204104H)/ Internet of Things (R204104I)</b>	<b>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)</b>	<b>Open Elective-IV : Soft Computing Techniques (R204104R)/ Principles of Communications (R204104T)/ Basic Electronics (R204104U)/ Data Communications (R204104V)/ Digital Logic design (R204104W)/ Remote Sensing and GIS (R204104X)/ Bio Medical Instrumentation (R204104Y)</b>	<b>Open Elective-IV : IC Applications (R204104S)</b>	.....	.....



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<b>Computer Science &amp; Engineering (05)</b>	<b>Professional Elective-III : Cloud Computing (R204105A)</b> (Common to CSE, IT) / Neural Networks and Soft Computing (R204105B) / Ad-hoc and Sensor Networks (R204105C) / Cyber Security & Forensics (R204105D) (Common to CSE, IT)	<b>Professional Elective-IV : Computer Vision (R204105G)</b> (Common to CSE, CSE(AIDS), AIDS, CSD) / MOOCS-NPTEL/SWAYAM (R204105H)	<b>Professional Elective-V : Wireless Network Security (R204105J) / Ethical Hacking (R204105K)</b> (Common to CSE, IT) / MOOCS-NPTEL/SWAYAM (R204105L) / Block Chain Technologies (R204105I) (Common to CSE, IT)	<b>Open Elective-III : API and Microservices (Job Oriented Course) (R204105M) / AI Tools &amp; Techniques (R204105N) / Image Processing (R204105O) / Information Security (R204105P) / Mobile Application Development (R204105Q) / Cyber Security (R204105S) / Introduction to Internet of Things (R204105T)</b> (Common to OE-III as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)	<b>Open Elective-IV : Secure Coding Techniques (Job Oriented Course) (R204105U) / Block Chain Technologies (R204105X) / Introduction to Machine Learning (R204105Z) / Machine Learning with Python (R204105I)</b> (Common to OE-IV as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)	<b>Social Network And Semantic Web (Job Oriented Course) (R204105F)</b> (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)	<b>Deep Learning Techniques (R204105E)</b> (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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<b>Information Technology (12)</b>	<b>Professional Elective-III : Cloud Computing (R204105A)</b> (Common to CSE, IT) / Cyber Security & Forensics <b>(R204105D)</b> (Common to CSE, IT) / Artificial Neural Networks <b>(R204112A)</b> / Internet of Things (IoT) <b>(R204112B)</b>	<b>Professional Elective-IV : Advanced Databases (R204112D)</b> / MOOCS-NPTEL/SWAYAM <b>(R204112E)</b> / Social Networks Analysis <b>(R204112C)</b>	<b>Professional Elective-V : M-Commerce (R204112F)</b> / Ethical Hacking <b>(R204105K)</b> (Common to CSE, IT) / MOOCS-NPTEL/SWAYAM <b>(R204112G)</b> / Block Chain Technologies <b>(R204105I)</b> (Common to CSE, IT)	<b>Open Elective-III : AI Tools &amp; Techniques (R204105N)</b> / Image Processing <b>(R204105O)</b> / Information Security <b>(R204105P)</b> / Mobile Application Development <b>(R204105Q)</b> / Cyber Security <b>(R204105S)</b> / Introduction to Internet of Things <b>(R204105T)</b> (Common to OE-III as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)	<b>Open Elective-IV : Block Chain Technologies (R204105X)</b> / Introduction to Machine Learning <b>(R204105Z)</b> / Machine Learning with Python <b>(R2041051)</b> (Common to OE-IV as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)	<b>Data Science (R204105R)</b> (Common to EEE PE-V & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-3)	<b>Deep Learning Techniques (R204105E)</b> (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 <b>(R204105V)</b> / Cloud Computing with AWS <b>(R204105W)</b> (Common to EEE PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4) / Cryptography and Network Security <b>(R204105Y)</b> (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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<b>Automobile Engineering (24)</b>	<b>Professional Elective-III :</b> Automobile HVAC (R204124B)/ Special Purpose Vehicles (R204124C)/ Vehicle Infotronics (R204124E)/ MOOC's/NPTEL (R204124F)	<b>Professional Elective-IV :</b> 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)	<b>Professional Elective-V :</b> 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)	<b>Open Elective-III :</b> Automobile Power train (R204124S)/ IC Engines (R204124T)	<b>Open Elective-IV :</b> Automobile Materials and Manufacturing Techniques (R204124U)/ Automobile Electrical and Electronics (R204124V)	<b>Automobile Safety (R204124A)</b> (Common to PE-III & OE-3)	<b>Engine Management Systems (R204124D)</b> (Common to PE-III & OE-4)	.....
<b>Mining Engineering (26)</b>	<b>Professional Elective-III :</b> Operations Research (R204126A)/ Dimensional Stone Mining (R204126B)/ Advanced Mining Techniques (R204126C)/ Planning of Underground Metal mining techniques (R204126D)	<b>Professional Elective-IV :</b> Mine closure and Reclamation (R204126E)/ Surface Mine Environment (R204126F) / Mineral Economics, Business and Trade (R204126H)	<b>Professional Elective-V :</b> Subsidence Engineering (R204126I)/ Rock Slope Engineering (R204126J)/ Advances in Rock Fragmentation (R204126K)/ Tunneling and Underground Space Technology (R204126L)	<b>Open Elective-III :</b> Mine Waste Management (R204126M)/ Mine Reclamation (R204126N)/ Environmental Impact of Mining (R204126O)	<b>Open Elective-IV :</b> Principles of Mineral Engineering (R204126P)/ Mine Instrumentation (R204126Q)/ Mine Safety & Ergonomics (R204126R)/ Numerical Methods in Mining Engineering (R204126S)	<b>Sustainable Development for Mining (R204126G)</b> (Common to PE-IV & OE-3)	.....	.....



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<b>Agricultural Engineering (35)</b>	<b>Professional Elective-III</b> : Irrigation and Drainage Engineering (R204135A)/ Production Technology of Agricultural Machinery (R204135B)/ Food Plant Design and Management (R204135C)	<b>Professional Elective-IV</b> : Design of Soil and Water Conservation and Farm Systems (R204135D)/ Food Process Equipment Design (R204135E)/ Design of Agricultural Machinery (R204135F)	<b>Professional Elective-V</b> : Micro Irrigation Engineering (R204135G)/ Mechatronics in Agricultural Engineering (R204135H)/ Dairy and Food Engineering (R204135I)	<b>Open Elective-III</b> : 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)	<b>Open Elective-IV</b> : Surface Water Hydrology (R204135N)/ Post Harvest Engineering of Cereals, Pulses and Oilseeds (R204135O)/ Agricultural Process Engineering (R204135P)	.....	.....	.....
<b>CSE (Artificial Intelligence and Machine Learning) (42)</b>	<b>Professional Elective-III</b> : 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)	<b>Professional Elective-IV</b> : 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)	<b>Professional Elective-V</b> : 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)	<b>Open Elective-III</b> : 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)	<b>Open Elective-IV</b> : Secure Coding Techniques (Job Oriented Course) (R204105U)/ Block Chain Technologies (R204105X)/ Introduction to Machine Learning (R204105Z)/ Machine Learning with Python (R204105I) (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)	<b>Deep Learning Techniques (R204105E)</b> (Common to EEE, CSE, IT, PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4) / <b>MEAN Stack Technologies (R204105V)</b> / <b>Cloud Computing with AWS (R204105W)</b> (Common to EEE PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4) / <b>Cryptography and Network Security (R204105Y)</b> (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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<b>CSE (Artificial Intelligence) (43)</b>	<b>Professional Elective-III : Reinforcement Learning (R204142A)/ Soft Computing (R204142B)/ Speech Processing (R204142C)/ Block Chain Technologies (R204142P)</b> (Common to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)	<b>Professional Elective-IV : Robotic Process Automation (R204142D)/ Big Data Analytics (R204142E)</b> (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)	<b>Professional Elective-V : Recommender Systems (R204142H)/ AI Chatbots (R204142I)/ Object Oriented Analysis and Design (R204142J)/ Semantic Web (R204142K) / Social Networks Analysis (R204142Q)</b> (Common to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)	<b>Open Elective-III : API and Microservices (Job Oriented Course) (R204105M)/ AI Tools &amp; Techniques (R204105N)/ Image Processing (R204105O)/ Information Security (R204105P)/ Mobile Application Development (R204105Q)/ Cyber Security (R204105S)/ Introduction to Internet of Things (R204105T)</b> (Common to OE-III as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)	<b>Open Elective-IV : Secure Coding Techniques (Job Oriented Course) (R204105U)/ Block Chain Technologies (R204105X)/ Introduction to Machine Learning (R204105Z)/ Machine Learning with Python (R204105I)</b> (Common to OE-IV as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)	<b>Data Science (R204105R)</b> (Common to FEE PE-V & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-3)	<b>Deep Learning Techniques (R204105E)</b> (Common to EEE, CSE, IT, PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4) / <b>MEAN Stack Technologies (R204105V) / Cloud Computing with AWS (R204105W)</b> (Common to EEE PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4) / <b>Cryptography and Network Security (R204105Y)</b> (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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<b>CSE (Data Science) (44)</b>	<b>Professional Elective-III :</b> 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)	<b>Professional Elective-IV :</b> 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)	<b>Professional Elective-V :</b> 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)	<b>Open Elective-III :</b> 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)	<b>Open Elective-IV :</b> Secure Coding Techniques (Job Oriented Course) (R204105U)/ Block Chain Technologies (R204105X)/ Introduction to Machine Learning (R204105Z)/ Machine Learning with Python (R204105I) (Common to OE-IV as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)	<b>Data Science (R204105R)</b> (Common to FEE 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)

**IV B.TECH - I SEMESTER (R20) II MID & ONLINE QUIZ EXAMINATIONS, NOVEMBER - 2025**

**T I M E T A B L E**

**TIME: 10.00 AM TO 12.00 NOON**

Branch	DATE & DAY							
	03-11-2025 (Monday)	04-11-2025 (Tuesday)	05-11-2025 (Wednesday)	06-11-2025 (Thursday)	07-11-2025 (Friday)	08-11-2025 (Saturday)	10-11-2025 (Monday)	11-11-2025 (Tuesday)
<b>CSE (Artificial Intelligence and Data Science) (45)</b>	<b>Professional Elective-III :</b> 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)	<b>Professional Elective-IV :</b> 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)	<b>Professional Elective-V :</b> 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)	<b>Open Elective-III :</b> 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)	<b>Open Elective-IV :</b> Secure Coding Techniques (Job Oriented Course) (R204105U)/ Block Chain Technologies (R204105X)/ Introduction to Machine Learning (R204105Z)/ Machine Learning with Python (R204105I) (Common to OE-IV as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)	<b>Data Science (R204105R)</b> (Common to FEE PE-V & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-3)	<b>Deep Learning Techniques (R204105E)</b> (Common to EEE, CSE, IT, PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4) / <b>MEAN Stack Technologies (R204105V)</b> / <b>Cloud Computing with AWS (R204105W)</b> (Common to EEE PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4) / <b>Cryptography and Network Security (R204105Y)</b> (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)

**IV B.TECH - I SEMESTER (R20) II MID & ONLINE QUIZ EXAMINATIONS, NOVEMBER - 2025**

**T I M E T A B L E**

TIME: 10.00 AM TO 12.00 NOON

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<b>CSE (Cyber Security) (46)</b>	<b>Professional Elective-III : Internet Of Things (R204146A)/ Information Coding (R204146D) / Mobile and Wireless Security (R204146E) (Common to CSE(CS), CS)</b>	<b>Professional Elective-IV : Ad-hoc and Sensor Networks (R204146R) / Big Data Analytics (R204142E) (Common to CSE(AIML), CSE(AI), AIML, PE-IV &amp; CSE (CS), CS PE-V &amp; OE-3) / Cyber Crime Investigation and Digital Forensics (R204146F) (Common to CSE(CS), CS PE-IV, OE-4 &amp; CSE(IOTCSIBCT) PE-IV)</b>	<b>Professional Elective-V : Cyber Laws and Security Policies (R204146J)/ Intrusion Detection and Prevention System (R204146K)/ Data Privacy (R204146L)/ Ethical Hacking (R204146M)</b>	<b>Open Elective-III : DevOps (Job Oriented Course) (R204146N)/ Cryptography and Network Security (R204146O)</b>	<b>Open Elective-IV : Multimedia And Rich Internet Applications (Job Oriented Course) (R204146P)</b>	<b>Data Science (R204146B) (Common to PE-III &amp; OE-3 CSE(CS), CSE(IOTCSIBCT), CSE(IoT) CS)</b>	<b>Distributed Systems (R204146C) (Common to CSE(CS), CS PE-III &amp; OE-4) / Mean Stack Technologies (R204146H) (Common to CSE(IoT),CSE(CS), CSE(IOTCSIBCT) PE-IV &amp; CSE(IoT) OE-4) / Malware Analysis &amp; Reverse Engineering (R204146I) (Common to CSE(CS), CSE(IOTCSIBCT) PE-IV &amp; CSE(CS) OE-4) / Machine Learning (R204146Q) (Common to CSE(IOTCSIBCT) PE-V &amp; CSE(CS),CSE(IOTCSIBCT), CSE(IoT) OE-4)</b>	<b>Cloud Computing (R204146G) (Common to CSE(CS) PE-IV, OE-3 &amp; CSE(IoT) PE-IV)</b>



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

IV B.TECH I SEMESTER (R20)

**IV B.TECH - I SEMESTER (R20) II MID & ONLINE QUIZ EXAMINATIONS, NOVEMBER - 2025**

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<b>CSE (Internet of things and Cyber security including Block chain Technology) (47)</b>	<b>Professional Elective-III :</b> Software Testing Methodologies <b>(R204147A)/</b> NoSQL Databases <b>(R204147B)/</b> Privacy and Security in IOT <b>(R204147C)/</b> Cloud Computing <b>(R204147Q)</b>	<b>Professional Elective-IV :</b> Object Oriented Analysis & Design Using UML <b>(R204147D)/</b> Intrusion Detection Systems <b>(R204147E) /</b> Cyber Crime Investigation and Digital Forensics <b>(R204146F)</b> (Common to CSE(CS), CS PE-IV, OE-4 & CSE(IOTCSIBCT) PE-IV)	<b>Professional Elective-V :</b> Deep Learning <b>(R204147F)/</b> Quantum Computing <b>(R204147G)/</b> Dev Ops <b>(R204147H)/</b> Mobile and Wireless Security <b>(R204147P)</b>	<b>Open Elective-III :</b> Sensors and Actuator Devices for IoT <b>(R204147J)/</b> Cryptography and Network Security <b>(R204146O)</b>	<b>Open Elective-IV :</b> Multimedia And Rich Internet Applications (Job Oriented Course) <b>(R204146P)/</b> Distributed Computing <b>(R204147M)</b>	Social Network And Semantic Web (Job Oriented Course) <b>(R204105F)</b> (Common to CSE, PE-IV & CSE(IOTCSIBCT) OE-3) / Data Science <b>(R204146B)</b> (Common to PE-III & OE-3 CSE(CS), CSE(IOTCSIBCT), CSE(IoT) / Big Data Analytics for IoT <b>(R204147I)</b> (Common to CSE(IoT) PE-IV & CSE(IOTCSIBCT), CSE(IoT) OE-3)	Mean Stack Technologies <b>(R204146H)</b> (Common to CSE(IoT),CSE(CS), CSE(IOTCSIBCT) PE-IV & CSE(IoT) OE-4) / Malware Analysis & Reverse Engineering <b>(R204146I)</b> (Common to CSE(CS), CSE(IOTCSIBCT) PE-IV & CSE(CS) OE-4) /Machine Learning <b>(R204146Q)</b> (Common to CSE(IOTCSIBCT) PE-V & CSE(CS),CSE(IOTCSIBCT), CSE(IoT) OE-4) / Programming and Interfacing with Microcontrollers <b>(R204147K)</b> (Common to CSE(IoT) PE-III & CSE(IOTCSIBCT), CSE(IoT) OE-4) / Block Chain Technologies <b>(R204147L)</b> (Common to CSE(IoT) PE-III & CSE(IOTCSIBCT), CSE(IoT) OE-4)	.....



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

IV B.TECH I SEMESTER (R20)

**IV B.TECH - I SEMESTER (R20) II MID & ONLINE QUIZ EXAMINATIONS, NOVEMBER - 2025**

**TIME TABLE**

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<b>CSE (Internet of Things) (49)</b>	<b>Professional Elective-III</b> : Mobile Computing (R204149A)/ No SQL Databases (R204147B)/ Privacy and Security in IOT (R204147C)	<b>Professional Elective-IV</b> : Fog Computing (R204149B) Cyber Security & Forensics (R204149H)	<b>Professional Elective-V</b> : Deep Learning (R204147F)/ Wearable Computing (R204149C)/ Dev Ops (R204147H)/ Software Testing Methodologies (R204149I)	<b>Open Elective-III</b> : Middleware Technologies (Job Oriented Course) (R204149D)/ Sensors and Actuator Devices for IoT (R204147J)/ Embedded System Design (R204149E)	<b>Open Elective-IV</b> : 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 )
<b>FOOD ENGINEERING (51)</b>	<b>Professional Elective-III</b> : Advances in Drying and Dehydration (R204151A)/ Process Kinetics in Food Engineering (R204151B)/ Non-Thermal Operations in Food Processing (R204151C)	<b>Professional Elective-IV</b> : Food Process Equipment Design (R204151D)/ Sensors in Food Processing (R204151E)/ New Product Development (R204151F)	<b>Professional Elective-V</b> : Entrepreneurship in Food Industries (R204151G)/ Food Supply Chain Management (R204151H)/ Food Business Management and Economics (R204151I)	<b>Open Elective-III</b> : Food Sanitation, Management and Hygiene (R204151J)/ Energy Conservation and Audit (R204151K)/ Food Waste Management (R204151L)	<b>Open Elective-IV</b> : Food Refrigeration and Cold Chain (R204151M)/ Food Plant Operations and Maintenance (R204151N)/ ICT Applications in Food Processing (R204151O)/ SWAYAM / NPTEL /MOOCS COURSES (12 weeks duration) (R204151P)	.....	.....	.....



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

IV B.TECH I SEMESTER (R20)

**IV B.TECH - I SEMESTER (R20) II MID & ONLINE QUIZ EXAMINATIONS, NOVEMBER - 2025**

**TIME TABLE**

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<b>ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (54)</b>	<b>Professional Elective-III :</b> 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)	<b>Professional Elective-IV :</b> 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)	<b>Professional Elective-V :</b> 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)	<b>Open Elective-III :</b> 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)	<b>Open Elective-IV :</b> Secure Coding Techniques (Job Oriented Course) (R204105U)/ Block Chain Technologies (R204105X)/ Introduction to Machine Learning (R204105Z)/ Machine Learning with Python (R204105I) (Common to OE-IV as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)	Data Science (R204105R) (Common to FEE 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)	.....
<b>PHARMACEUTICAL ENGINEERING (55)</b>	<b>Professional Elective-III :</b> Bio Medical Instrumentation (R204155B)/ Pharmaceutical product development (R204155C)/ Industrial Process Control (R204155D)	<b>Professional Elective-IV :</b> Pharmaceutical Packaging Technology (R204155E)/ Introduction to Biomaterials and Tissue Engineering (R204155F)/ Good Manufacturing Practices (R204155G)	Industrial Pharmacy (R204155A)	<b>Open Elective-III :</b> Robotics (R204155H)/ Synthesis And Characterization of Nano Materials (R204155I)/ Industrial Psychology and Human Resource Management (R204155J)	<b>Open Elective-IV :</b> Principles of mechanical measurements (R204155K)/ Artificial Intelligence & Machine Learning (R204155L)/ Bioinformatics (R204155M)	.....	.....	.....



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

IV B.TECH I SEMESTER (R20)

**IV B.TECH - I SEMESTER (R20) II MID & ONLINE QUIZ EXAMINATIONS, NOVEMBER - 2025**

**T I M E T A B L E**

TIME: 10.00 AM TO 12.00 NOON

Branch	DATE & DAY							
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<b>CYBER SECURITY (59)</b>	<b>Professional Elective-III : Internet Of Things (R204146A)/</b> Information Coding Techniques <b>(R204146D) /</b> Mobile and Wireless Security <b>(R204146E) (Common to CSE(CS), CS)</b>	<b>Professional Elective-IV : Ad-hoc and Sensor Networks (R204146R) /</b> Big Data Analytics <b>(R204142E) (Common to CSE(AIML), CSE(AI), AIML, PE-IV &amp; CSE (CS), CS PE-V &amp; OE-3) /</b> Cyber Crime Investigation and Digital Forensics <b>(R204146F) (Common to CSE(CS), CS PE-IV, OE-4 &amp; CSE(IOTCSIBCT) PE-IV)</b>	<b>Professional Elective-V : Cyber Laws and Security Policies (R204146J)/</b> Intrusion Detection and Prevention System <b>(R204146K)/</b> Data Privacy <b>(R204146L)/</b> Ethical Hacking <b>(R204146M)</b>	<b>Open Elective-III : DevOps (Job Oriented Course) (R204146N)/</b> Cryptography and Network Security <b>(R204146O)</b>	<b>Open Elective-IV : Multimedia And Rich Internet Applications (Job Oriented Course) (R204146P)</b>	Data Science <b>(R204146B) (Common to PE-III &amp; OE-3 CSE(CS), CSE(IOTCSIBCT), CSE(IoT) CS)</b>	Distributed Systems <b>(R204146C) (Common to CSE(CS), CS PE-III &amp; OE-4) /</b> Mean Stack Technologies <b>(R204146H) (Common to CSE(IoT),CSE(CS), CSE(IOTCSIBCT) PE-IV &amp; CSE(IoT) OE-4) /</b> Malware Analysis & Reverse Engineering <b>(R204146I) (Common to CSE(CS), CSE(IOTCSIBCT) PE-IV &amp; CSE(CS) OE-4) /</b> Machine Learning <b>(R204146Q) (Common to CSE(IOTCSIBCT) PE-V &amp; CSE(CS),CSE(IOTCSIBCT), CSE(IoT) OE-4)</b>	Cloud Computing <b>(R204146G) (Common to CSE(CS) PE-IV, OE-3 &amp; CSE(IoT) PE-IV)</b>



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

IV B.TECH I SEMESTER (R20)

**IV B.TECH - I SEMESTER (R20) II MID & ONLINE QUIZ EXAMINATIONS, NOVEMBER - 2025**

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<b>ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (61)</b>	<b>Professional Elective-III : Reinforcement Learning (R204142A)/ Soft Computing (R204142B)/ Speech Processing (R204142C)/ Block Chain Technologies (R204142P)</b> (Common to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)	<b>Professional Elective-IV : Robotic Process Automation (R204142D)/ Big Data Analytics (R204142E)</b> (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)	<b>Professional Elective-V : Recommender Systems (R204142H)/ AI Chatbots (R204142I)/ Object Oriented Analysis and Design (R204142J)/ Semantic Web (R204142K) / Social Networks Analysis (R204142Q)</b> (Common to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)	<b>Open Elective-III : API and Microservices (Job Oriented Course) (R204105M)/ AI Tools &amp; Techniques (R204105N)/ Image Processing (R204105O)/ Information Security (R204105P)/ Mobile Application Development (R204105Q)/ Cyber Security (R204105S)/ Introduction to Internet of Things (R204105T)</b> (Common to OE-III as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)	<b>Open Elective-IV : Secure Coding Techniques (Job Oriented Course) (R204105U)/ Block Chain Technologies (R204105X)/ Introduction to Machine Learning (R204105Z)/ Machine Learning with Python (R204105I)</b> (Common to OE-IV as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)	<b>Data Science (R204105R)</b> (Common to FEE PE-V & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-3)	<b>Deep Learning Techniques (R204105E)</b> (Common to EEE, CSE, IT, PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4) / <b>MEAN Stack Technologies (R204105V) / Cloud Computing with AWS (R204105W)</b> (Common to EEE PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4) / <b>Cryptography and Network Security (R204105Y)</b> (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)

**IV B.TECH - I SEMESTER (R20) II MID & ONLINE QUIZ EXAMINATIONS, NOVEMBER - 2025**

**TIME TABLE**

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Branch	DATE & DAY							
	03-11-2025 (Monday)	04-11-2025 (Tuesday)	05-11-2025 (Wednesday)	06-11-2025 (Thursday)	07-11-2025 (Friday)	08-11-2025 (Saturday)	10-11-2025 (Monday)	11-11-2025 (Tuesday)
<b>COMPUTER SCIENCE AND DESIGN (62)</b>	<b>Professional Elective-III : Reinforcement Learning (R204142A)/ Nature Inspired Computing Techniques (R204144A)/ Block Chain Technologies (R204142P)</b> (Common to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)	<b>Professional Elective-IV : Robotic Process Automation (R204142D)/ Computer Vision (R204105G)</b> (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)	<b>Professional Elective-V : Recommender Systems (R204142H)/ AI Chatbots (R204142I)/ Data Visualization (R204144E)/ Social Networks Analysis (R204142Q)</b> (Common to CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)	<b>Open Elective-III : API and Microservices (Job Oriented Course) (R204105M)/ AI Tools &amp; Techniques (R204105N)/ Image Processing (R204105O)/ Information Security (R204105P)/ Mobile Application Development (R204105Q)/ Cyber Security (R204105S)/ Introduction to Internet of Things (R204105T)</b> (Common to OE-III as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)	<b>Open Elective-IV : Secure Coding Techniques (Job Oriented Course) (R204105U)/ Block Chain Technologies (R204105X)/ Introduction to Machine Learning (R204105Z)/ Machine Learning with Python (R204105I)</b> (Common to OE-IV as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)	<b>Data Science (R204105R)</b> (Common to FEE PE-V & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-3)	<b>Deep Learning Techniques (R204105E)</b> (Common to EEE, CSE, IT, PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4) / <b>MEAN Stack Technologies (R204105V) / Cloud Computing with AWS (R204105W)</b> (Common to EEE PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4) / <b>Cryptography and Network Security (R204105Y)</b> (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 INCLUDED IN THE ABOVE LIST IMMEDIATELY.

**Date: 17-10-2025**

**Sd/-  
Controller of Examinations**