JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

IV B.TECH - I SEMESTER (R19) SUPPLEMENTARY EXAMINATIONS, NOVEMBER-2025

T I M E T A B L E

TIME : 10.00 AM TO 01.00 PM

Branch	17.11.2025 (Monday)	19.11.2025 (Wednesday)	21.11.2025 (Friday)	24.11.2025 (Monday)	26.11.2025 (Wednesday)	28.11.2025 (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 Analytics **(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: 30-10-2025