



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

*I B.TECH II SEMESTER (R20)*

**I B. TECH II SEMESTER (R20 REGULATION) I MID & ONLINE QUIZ EXAMINATIONS, AUGUST/SEPTEMBER - 2021**

**REVISED TIME TABLE**

**TIME: 10.00 AM TO 12.00 NOON**

Branch	31-08-2021 (Tuesday)	01-09-2021 (Wednesday)	02-09-2021 (Thursday)	03-09-2021 (Friday)	04-09-2021 (Saturday)	06-09-2021 (Monday)
<b>Subjects</b>	<b>Mathematics – II R201201</b>	<p style="text-align: center;"><b>Building Materials and Concrete Technology R201205</b> (Only for CE)</p> <p style="text-align: center;"><b>Applied Physics R201207</b> (Comm to EEE, ECE, EIE, ECT, CSE-AI&amp;ML, CSE-AI, CSE-DS, CSE-AI&amp;DS, AI&amp;DC)</p> <p style="text-align: center;"><b>Basic Electrical and Electronics Engineering R201211</b> (Comm to ME, AME, Mining, PE, FE, Pharm. E)</p>	<p style="text-align: center;"><b>Programming for Problem Solving Using C R201204</b> (Comm to CE, Agri E)</p> <p style="text-align: center;"><b>Data Structures Through C R201208</b> (Only for EEE)</p> <p style="text-align: center;"><b>Basic Electrical Engineering R201214</b> (Comm to ECE, EIE, ECT)</p> <p style="text-align: center;"><b>Computer Organization R201216</b> (Comm to CSE, IT)</p> <p style="text-align: center;"><b>Digital Logic Design R201221</b> (Comm to CSE-CS&amp;T, CSE-AI&amp;ML, CSE-AI, CSE-DS, CSE-AI&amp;DS, CSE-CS, CSE-IOT&amp;CS INCL BCT, CSE-CS&amp;BS, CSE-IOT, AI&amp;DS, Cyber Security)</p> <p style="text-align: center;"><b>Engineering Physics R201222</b> (Comm. to AME, Mining, PE, FE)</p>	<p style="text-align: center;"><b>Data Structures R201218</b> (Comm to CSE, IT, CSE-AI&amp;ML, CSE-AI, CSE-DS, CSE-AI&amp;DS, AI&amp;DS)</p> <p style="text-align: center;"><b>Problem Solving Using Python R201219</b> (Comm to CSE-CS&amp;T, CSE-CS, CSE-IOT&amp;CS Incl BCT, CSE-CS&amp;BS, CSE-IOT, Cyber Security)</p> <p style="text-align: center;"><b>Pharmaceutical Chemistry R201258</b> (Only for Pharm. E)</p> <p style="text-align: center;"><b>Electrical Circuit Analysis – I R201209</b> (Only for EEE)</p> <p style="text-align: center;"><b>Engineering Mechanics R201210</b> (Comm to ME, PE, Agri E, FE)</p> <p style="text-align: center;"><b>Mechanics of Solids R201255</b> (Only for Mining)</p> <p style="text-align: center;"><b>Metallurgy &amp; Materials Science R201256</b> (Only for AME)</p>	<p style="text-align: center;"><b>Engineering Mechanics R201203</b> (Only for CE)</p> <p style="text-align: center;"><b>Thermodynamics R201254</b> (Only for ME)</p> <p style="text-align: center;"><b>Basic Civil and Mechanical Engineering R201227</b> (Only for EEE)</p> <p style="text-align: center;"><b>Computer Aided Engineering Drawing R201226</b> (Only for FE)</p> <p style="text-align: center;"><b>Engineering Drawing R201224</b> (Comm to Mining, Agri.E, Phar.E)</p> <p style="text-align: center;"><b>Object Oriented Programming through Java R201212</b> (Comm to ECE, EIE, ECT)</p> <p style="text-align: center;"><b>Basic Electrical &amp; Electronics Engineering R201220</b> (Comm to CSE-CS&amp;T, CSE-CS, CSE-IOT&amp;CS Incl BCT, CSE-CS&amp;BS, CSE-IOT, Cyber Security)</p> <p style="text-align: center;"><b>Engineering Graphics R201257</b> (Only for AME)</p> <p style="text-align: center;"><b>Python Programming R201225</b> (Comm to CSE, IT, CSE-AI&amp;ML, CSE-AI, CSE-DS, CSE-AI&amp;DS, AI&amp;DS)</p> <p style="text-align: center;"><b>Elements of Mechanical Engineering R201223</b> (Only for PE)</p>	<p style="text-align: center;"><b>Mathematics-III R201206</b> (Only for EEE)</p> <p style="text-align: center;"><b>Engineering Chemistry R201202</b> (Comm. to CE, ME, Agri.E)</p> <p style="text-align: center;"><b>Applied Chemistry R201215</b> (Comm to CSE, CSE-CS&amp;T, IT, CSE-CS, CSE-IOT&amp;CS Incl BCT, CSE-CS&amp;BS, CSE-IOT, Cyber Security)</p> <p style="text-align: center;"><b>Network Analysis R201213</b> (Comm to ECE, EIE, ECT)</p> <p style="text-align: center;"><b>Engineering and Solid Mechanics R201259</b> (Only for Pharm. E)</p>

**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 TIME TABLE IMMEDIATELY.

**DATE: 11-08-2021**

  
**Controller of Examinations**



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

*I B.TECH II SEMESTER (R20)*

**I B. TECH II SEMESTER (R20 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, SEPTEMBER - 2021**

**TIME TABLE**

**TIME: 10.00 AM TO 12.00 NOON**

Branch	13-09-2021 (Monday)	14-09-2021 (Tuesday)	15-09-2021 (Wednesday)	16-09-2021 (Thursday)	17-09-2021 (Friday)	18-09-2021 (Saturday)
<b>Subjects</b>	<b>Mathematics – II R201201</b>	<p style="text-align: center;"><b>Building Materials and Concrete Technology R201205</b> (Only for CE)</p> <p style="text-align: center;"><b>Applied Physics R201207</b> (Comm to EEE, ECE, EIE, ECT, CSE-AI&amp;ML, CSE-AI, CSE-DS, CSE-AI&amp;DS, AI&amp;DC)</p> <p style="text-align: center;"><b>Basic Electrical and Electronics Engineering R201211</b> (Comm to ME, AME, Mining, PE, FE, Pharm. E)</p>	<p style="text-align: center;"><b>Programming for Problem Solving Using C R201204</b> (Comm to CE, Agri E)</p> <p style="text-align: center;"><b>Data Structures Through C R201208</b> (Only for EEE)</p> <p style="text-align: center;"><b>Basic Electrical Engineering R201214</b> (Comm to ECE, EIE, ECT)</p> <p style="text-align: center;"><b>Computer Organization R201216</b> (Comm to CSE, IT)</p> <p style="text-align: center;"><b>Digital Logic Design R201221</b> (Comm to CSE-CS&amp;T, CSE-AI&amp;ML, CSE-AI, CSE-DS, CSE-AI&amp;DS, CSE-CS, CSE-IOT&amp;CS INCL BCT, CSE-CS&amp;BS, CSE-IOT, AI&amp;DS, Cyber Security)</p> <p style="text-align: center;"><b>Engineering Physics R201222</b> (Comm. to AME, Mining, PE, FE)</p>	<p style="text-align: center;"><b>Data Structures R201218</b> (Comm to CSE, IT, CSE-AI&amp;ML, CSE-AI, CSE-DS, CSE-AI&amp;DS, AI&amp;DS)</p> <p style="text-align: center;"><b>Problem Solving Using Python R201219</b> (Comm to CSE-CS&amp;T, CSE-CS, CSE-IOT&amp;CS Incl BCT, CSE-CS&amp;BS, CSE-IOT, Cyber Security)</p> <p style="text-align: center;"><b>Pharmaceutical Chemistry R201258</b> (Only for Pharm. E)</p> <p style="text-align: center;"><b>Electrical Circuit Analysis – I R201209</b> (Only for EEE)</p> <p style="text-align: center;"><b>Engineering Mechanics R201210</b> (Comm to ME, PE, Agri E, FE)</p> <p style="text-align: center;"><b>Mechanics of Solids R201255</b> (Only for Mining)</p> <p style="text-align: center;"><b>Metallurgy &amp; Materials Science R201256</b> (Only for AME)</p>	<p style="text-align: center;"><b>Engineering Mechanics R201203</b> (Only for CE)</p> <p style="text-align: center;"><b>Thermodynamics R201254</b> (Only for ME)</p> <p style="text-align: center;"><b>Basic Civil and Mechanical Engineering R201227</b> (Only for EEE)</p> <p style="text-align: center;"><b>Computer Aided Engineering Drawing R201226</b> (Only for FE)</p> <p style="text-align: center;"><b>Engineering Drawing R201224</b> (Comm to Mining, Agri.E, Phar.E)</p> <p style="text-align: center;"><b>Object Oriented Programming through Java R201212</b> (Comm to ECE, EIE, ECT)</p> <p style="text-align: center;"><b>Basic Electrical &amp; Electronics Engineering R201220</b> (Comm to CSE-CS&amp;T, CSE-CS, CSE-IOT&amp;CS Incl BCT, CSE-CS&amp;BS, CSE-IOT, Cyber Security)</p> <p style="text-align: center;"><b>Engineering Graphics R201257</b> (Only for AME)</p> <p style="text-align: center;"><b>Python Programming R201225</b> (Comm to CSE, IT, CSE-AI&amp;ML, CSE-AI, CSE-DS, CSE-AI&amp;DS, AI&amp;DS)</p> <p style="text-align: center;"><b>Elements of Mechanical Engineering R201223</b> (Only for PE)</p>	<p style="text-align: center;"><b>Mathematics-III R201206</b> (Only for EEE)</p> <p style="text-align: center;"><b>Engineering Chemistry R201202</b> (Comm. to CE, ME, Agri.E)</p> <p style="text-align: center;"><b>Applied Chemistry R201215</b> (Comm to CSE, CSE-CS&amp;T, IT, CSE-CS, CSE-IOT&amp;CS Incl BCT, CSE-CS&amp;BS, CSE-IOT, Cyber Security)</p> <p style="text-align: center;"><b>Network Analysis R201213</b> (Comm to ECE, EIE, ECT)</p> <p style="text-align: center;"><b>Engineering and Solid Mechanics R201259</b> (Only for Pharm. E)</p>

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**DATE: 01-09-2021**

**Controller of Examinations**



II B.TECH II SEMESTER (R19)

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH - II SEMESTER (R19 REGULATION) I, II MID EXAMINATIONS & QUIZ (OFF LINE), AUGUST - 2021**

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

TIME : 10.00 AM TO 12.00 NOON

TIME : 02.00 PM TO 04.00 PM

BRANCH	DAY AND DATE					
	23-08-2021 (Monday)	24-08-2021 (Tuesday)	25-08-2021 (Wednesday)	26-08-2021 (Thursday)	27-08-2021 (Friday)	28-08-2021 (Saturday)
<b>CIVIL ENGINEERING (01-CE)</b>	Strength of Materials-II <b>R1922011</b>	Hydraulics and Hydraulic Machinery <b>R1922012</b>	Engineering Geology <b>R1922013</b>	Transportation Engineering - II <b>R1922014</b>	Environmental Engineering - I <b>R1922015</b>	.....
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)</b>	Electrical Measurements & Instrumentation <b>R1922021</b>	Electrical Machines-II <b>R1922022</b>	Digital Electronics <b>R1922023</b>	Control Systems <b>R1922024</b>	Power Systems-I <b>R1922025</b>	Signals and Systems <b>R1922026</b>
<b>MECHANICAL ENGINEERING (03-ME)</b>	Complex Variables & Statistical Methods <b>R1922031</b>	Kinematics of Machinery <b>R1922032</b> (Common to ME,AME)	Applied Thermodynamics <b>R1922033</b>	Fluid Mechanics & Hydraulic Machines <b>R1922034</b>	Metal Cutting & Machine Tools <b>R1922035</b>	Design of Machine Members-I <b>R1922036</b>
<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04-ECE)</b>	Electronic Circuit Analysis <b>R1922041</b>	Linear Control Systems <b>R1922042</b>	Electromagnetic Waves and Transmission Lines <b>R1922043</b>	Analog Communications <b>R1922044</b>	Computer Architecture and Organization <b>R1922045</b>	Management and Organizational Behavior <b>R1922046</b>
<b>COMPUTER SCIENCE &amp; ENGINEERING (05-CSE)</b>	Probability and Statistics <b>R1922051</b> (Common to CSE,IT)	Java Programming <b>R1922052</b> (Common to CSE,IT)	Operating Systems <b>R1922053</b>	Database Management Systems <b>R1922054</b> (Common to CSE,IT)	Formal Languages and Automata Theory <b>R1922055</b>	.....
<b>INFORMATION TECHNOLOGY (12-IT)</b>	Probability and Statistics <b>R1922051</b> (Common to CSE,IT)	Java Programming <b>R1922052</b> (Common to CSE,IT)	Operating Systems <b>R1922121</b>	Database Management Systems <b>R1922054</b> (Common to CSE,IT)	Theory of Computation <b>R1922122</b>	.....
<b>AUTO MOBILE ENGINEERING (24-AME)</b>	Applied Thermodynamics <b>R1922241</b>	Kinematics of Machinery <b>R1922032</b> (Common to ME,AME)	Automotive Engines <b>R1922242</b>	Production Technology <b>R1922243</b>	Automotive Electrical and Electronics <b>R1922244</b>	Automobile Assembly Drawing <b>R1922245</b>



II B.TECH II SEMESTER (R19)

## JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

II B.TECH - II SEMESTER (R19 REGULATION) I, II MID EXAMINATIONS & QUIZ (OFF LINE), AUGUST - 2021

### T I M E T A B L E

TIME : 10.00 AM TO 12.00 NOON

TIME : 02.00 PM TO 04.00 PM

BRANCH	DAY AND DATE					
	23-08-2021 (Monday)	24-08-2021 (Tuesday)	25-08-2021 (Wednesday)	26-08-2021 (Thursday)	27-08-2021 (Friday)	28-08-2021 (Saturday)
<b>MINING ENGINEERING (26-MM)</b>	Drilling and Blasting <b>R1922261</b>	Mechanics of Solids <b>R1922262</b>	Mining Geology –II <b>R1922263</b>	Mine Surveying – II <b>R1922264</b>	Surface Mining <b>R1922265</b>	Mine Environmental Engineering-I <b>R1922266</b>
<b>PETROLEUM ENGINEERING/ PETROLEUM TECHNOLOGY (27-PE)</b>	Fluid Mechanics for Petroleum Engineers <b>R1922271</b>	Thermodynamics for Petroleum Engineers <b>R1922272</b>	Process Instrumentation <b>R1922273</b>	Petroleum Exploration <b>R1922274</b>	Petroleum Reservoir Engineering – I <b>R1922275</b>	Process Heat Transfer <b>R1922276</b>
<b>AGRICULTURAL ENGINEERING (35-AGE)</b>	Theory of Structures <b>R1922351</b>	Heat and Mass Transfer <b>R1922352</b>	Theory of Machines <b>R1922353</b>	Soil Mechanics <b>R1922354</b>	Surface Water Hydrology <b>R1922355</b>	Farm Power and Tractor Systems <b>R1922356</b>

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- (iv) IF ANY COLLEGE IS NOT IN A POSITION TO CONDUCT THE MID EXAMINATION AS PER THE ABOVE SCHEDULE DUE TO ALLOCATION OF EAMCET TEST CENTRE, THE PRINCIPALS ARE REQUESTED TO CONDUCT THE MID EXAMS AS PER THE CONVENIENCE BEFORE **15-09-2021**.

DATE: 27-07-2021

  
Controller of Examinations



III B.TECH II SEMESTER (R16)

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

III B TECH - II SEMESTER (R16 REGULATION) I, II MID EXAMINATIONS & QUIZ (OFF LINE), AUGUST - 2021

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

I MID TIME : 10.00 AM TO 12.00 NOON

II MID TIME : 02.00 PM TO 04.00 PM

BRANCH	DAY AND DATE				
	02-08-2021 (Monday)	03-08-2021 (Tuesday)	04-08-2021 (Wednesday)	05-08-2021 (Thursday)	06-08-2021 (Friday)
<b>CIVIL ENGINEERING (01-CE)</b>	Design and Drawing of Steel Structures (R1632011)	Geotechnical Engineering – I (R1632012)	Environmental Engineering – I (R1632013)	Water Resources Engineering–I (R1632014)	<b>OPEN ELECTIVE:-</b>
					Electronic Instrumentation
					Data Base Management Systems
					Alternative Energy Sources
					Waste water Management
					Fundamentals of Liquefied Natural Gas
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)</b>	Power Electronic Controllers & Drives (R1632021)	Power System Analysis (R1632022)	Micro Processors and Micro controllers (R1632023)	Data Structures (R1632024)	<b>OPEN ELECTIVE:-</b>
					Unix and Shell Programming
					OOPS Through JAVA
					VLSI Design
					Robotics
					Neural Networks & Fuzzy Logic
<b>MECHANICAL ENGINEERING (03-ME)</b>	Metrology (R1632031)	Instrumentation & Control Systems (R1632032)	Refrigeration & Air-conditioning (R1632033)	Heat Transfer - (R1632034)	<b>OPEN ELECTIVE:-</b>
					Entrepreneurship
					Data Base Management System
					Waste Water Management
					Computer Graphics
					Industrial Robotics
Green Engineering Systems					

BRANCH	DAY AND DATE				
	02-08-2021 (Monday)	03-08-2021 (Tuesday)	04-08-2021 (Wednesday)	05-08-2021 (Thursday)	06-08-2021 (Friday)
<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04-ECE)</b>	Micro Processors & Micro Controllers (R1632041) (Common to ECE, EIE, E.COM.E)	Micro Wave Engineering (R1632042)	VLSI Design (R1632043) (Common to EEE-elective, ECE, EIE, E.COM.E)	Digital Signal Processing (R1632044)	<b>OPEN ELECTIVE:-</b>
					OOPs through Java
					Data Mining
					Industrial Robotics
					Power Electronics
					Bio-Medical Engineering
					Artificial Neural Networks
<b>COMPUTER SCIENCE &amp; ENGINEERING (05-CSE)</b>	Computer Networks (Common to CSE, IT)(R1632051)	Data Warehousing and Mining (Common to CSE, IT ) (R1632052)	Design and Analysis of Algorithms (R1632053)	Software Testing Methodologies (Common to CSE. IT) (RT32054)	<b>OPEN ELECTIVE:-</b>
					Artificial Intelligence
					Internet of Things
					Cyber Security
					Digital Signal Processing
					Embedded Systems
					Robotics
<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-EIE)</b>	Micro Processors & Micro Controllers (R1632041) (Common to ECE, EIE, E.COM.E)	Measuring Instruments (R1632102)	VLSI Design (Common to EEE- elective, ECE, EIE, E.COM.E) (R1632043)	Analytical Instrumentation (R1632101)	<b>OPEN ELECTIVE:-</b>
					OOPs through Java
					Data Mining
					Power Electronics
					Bio-Medical Engineering
					Artificial Neural Networks
<b>INFORMATION TECHNOLOGY (12-IT)</b>	Computer Networks (Common to CSE, IT)(R1632051)	Data Mining (R1632121)	Web Technologies (R1632122)	Software Testing Methodologies (Common to CSE. IT) (RT32054)	<b>OPEN ELECTIVE:-</b>
					Artificial Intelligence
					Social Networks and Semantic Web
					Digital Signal Processing
					Embedded Systems
					Robotics
					Operations Research

BRANCH	DAY AND DATE				
	02-08-2021 (Monday)	03-08-2021 (Tuesday)	04-08-2021 (Wednesday)	05-08-2021 (Thursday)	06-08-2021 (Friday)
<b>ELECTRONICS AND COMPUTER ENGINEERING (19-ECC)</b>	Micro Processors & Micro Controllers (R1632041) (Common to ECE, EIE, E.COM.E)	OPERATING SYSTEM (R1632192)	VLSI Design (Common to ECE, EIE, E.COM.E) (R1632043)	DATA BASE MANAGEMENT SYSTEMS (R1632191)	<b>OPEN ELECTIVE:-</b>
					Data Mining
					Industrial Robotics
					Bio-Medical Engineering
					Artificial Neural Networks
<b>AERONUTICAL ENGINEERIG (21-AE)</b>	Aircraft stability and control (R1632211)	Aircraft Structures –II (R1632212)	Propulsion – II (R1632213)	Finite Element Method (R1632214)	<b>OPEN ELECTIVE:-</b>
					Data Base Management System
					Waste Water Management
					Entrepreneurship
					Satellite Technology
					Industrial Aerodynamics
					Theory of Elasticity
<b>AUTO MOBILE ENGINEERING (24-AME)</b>	Machine Tools & Metrology (R1632241)	Instrumentation & Control Systems (R1632242)	Automotive Electrical and Electronics (R1632243)	Alternative Energy Sources for Automobiles (R1632244)	<b>OPEN ELECTIVE:-</b>
					Electronic Instrumentation
					Data Base Management Systems
					Computer Graphics
					Green Engineering Systems
					Offroad Vechiles
					Automotive Emissions and Pollution Control

BRANCH	DAY AND DATE				
	02-08-2021 (Monday)	03-08-2021 (Tuesday)	04-08-2021 (Wednesday)	05-08-2021 (Thursday)	06-08-2021 (Friday)
<b>MINING ENGINEERING (26-MM)</b>	Mine Systems Engineering (R1632261)	Mineral Engineering and Fuel Technology (R1632262)	Mine Environmental Engineering (R1632263)	Mining Machinery & Mechanization – II (R1632264)	<b>OPEN ELECTIVE:-</b>
					Industrial Robotics
					Entrepreneurship
					Quality and Reliability Engineering
					Waste Water Management
					Rock Excavation Engineering
<b>PETROLEUM ENGINEERING/PETROLEUM TECHNOLOGY (27-PE)</b>	Well Completions, Testing & Servicing - (R1632271)	Petroleum Production Engineering (R1632272)	Petroleum Reservoir Engineering-I (R1632273)	Petroleum Refinery & Petrochemical Engineering (R1632274)	<b>OPEN ELECTIVE:-</b>
					Electronic Instrumentation
					Big Data Analytics
					Alternative Energy Sources for Automobiles
					Waste Water Management
					Fundamentals of Liquefied Natural Gas
<b>AGRICULTURAL ENGINEERING (35-AGE)</b>	Irrigation and Drainage Engineering (R1632351)	Farm Machinery and Equipment – I (R1632352)	Design of Soil, Water Conservation and Farm Structures (R1632353)	Dairy and Food Engineering (R1632354)	<b>OPEN ELECTIVE:-</b>
					Operations Research
					Digital Control systems
					Robotics & Automation
					Industrial Pollution Control Engineering
					Finite Element Method
Water Resources System Planning and Management					

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Controller of Examinations

**DATE: 20-07-2021**



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA - 533003

**IV B.TECH - II SEMESTER (R16) I, II MID EXAMINATIONS & QUIZ (OFF LINE), JULY - 2021**

**TIME TABLE**

**I Mid and Offline Quiz : 10.00 AM TO 12.00 NOON**

**II Mid and Offline Quiz : 02.00 PM TO 04.00 PM**

Branch	12.07.2021 (Monday)	13.07.2021 (Tuesday)	14.07.2021 (Wednesday)	15.07.2021 (Thursday)
<b>Civil Engineering (01)</b>	Estimation Specificatin & Contracts (R1642011)	Construction Technology & Management (R1642012)	Prestressed Concrete (R1642013)	<b>Elective-III:</b> Bridge Engineering (R164201A)/Soil Dynamics and Foundations (R164201B)/Solid and Hazards waste management (R164201C)/Water Resource System Planning (R164201D)/UrbanTransportation Planning Engineering (R164201E)
<b>Electrical &amp; Electronics Engineering (02)</b>	Digital Control Systems (R1642021)	HVDC Transmission (R1642022)	Electrical Distribution Systems (R1642023)	<b>Elective-III:</b> High Voltage Engineering (R164202A)/Flexible Alternating Current Transmissin Systems (R164202B)/Power Systems Reforms (R164202C)
<b>Mechanical Engineering (03)</b>	Production Planning and Control (Common to Mechanical and Mining) (R1642031)	Unconventional Machining Processes (R1642032)	Automobile Engineering (R1642033)	<b>Elective-III:</b> Thermal Equipment Design (R164203A)/Non Destructive Evaluation (R164203B)/Quality and Reliability Engineering (R164203C)
<b>Electronics &amp; Communication Engineering (04)</b>	Cellular Mobile Communications (R1642041)	Electronic Measurements and Instrumentation (R1642042)	Satellite Communications (R1642043)	<b>Elective-III:</b> Digital IC Design(Common to ECE & E.I.E) (R164204B)/Operating Systems (R164204C)/Wireless Sensors & Networks(R164204A)
<b>Computer Science &amp; Engineering (05)</b>	Distributed Systems (Common to CSE, IT) (R1642051)	Management Science (Common to CSE, IT) (R1642052)	Machine Learning (R1642053)	<b>Elective-III:</b> Operation Research (R164205C)/Artificial Neural Networks(Common to CSE, IT) (R164205B)/Concurrent and Parallel Programming(Common to CSE, IT) (R164205A)



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA - 533003

**IV B.TECH - II SEMESTER (R16) I, II MID EXAMINATIONS & QUIZ (OFF LINE), JULY - 2021**

**TIME TABLE**

**I Mid and Offline Quiz : 10.00 AM TO 12.00 NOON**

**II Mid and Offline Quiz : 02.00 PM TO 04.00 PM**

Branch	12.07.2021 (Monday)	13.07.2021 (Tuesday)	14.07.2021 (Wednesday)	15.07.2021 (Thursday)
<b>Electronics &amp; Instrumentation Engineering (10)</b>	Industrial Automation (R1642101)	Data Communications (R1642102)	Embedded Systems (Common to EIE & E.Comp.E) (R1642103)	<b>Elective III:</b> Digital IC Design (Common to ECE & E.I.E) (R164204B)/Calibration & Standards (R164210A)/Micro Electro Mechanical Systems (MEMS) (R164210B)
<b>Information Technology (12)</b>	Distributed Systems(Common to CSE, IT) (R1642051)	Management Science(Common to CSE, IT) (R1642052)	Management Information System (R1642121)	<b>Elective III:</b> Cyber Security (R164212A)/Software Quality Assurance (R164212B)/Concurrent and Parallel Programming (Common to CSE, IT) (R164205A)/Artificial Neural Networks(Common to CSE, IT)(R164205B)
<b>Electronics &amp; Computer Engineering (19)</b>	Automata Theory & Compiler Design (R1642191)	<b>Elective IV :</b> Real Time Operating Systems (R164219D)/Network Security & Cryptography (R164219E)	Embedded Systems (Common to EIE & E.Comp.E) (R1642103)	<b>Elective III:</b> Language Processors (R164219A)/EMI/EMC (R164219B)/Data Ware Housing & Data Mining (R164219C)
<b>Aeronautical Engineering (21)</b>	Rockery and Space Mechanics (R1642211)	Mechanics of Composites (R1642212)	Aerospace Materials (R1642213)	<b>Elective III:</b> Avionics (R164221A)/Propellant Technology (R164221B)/Aero Elasticity (R164221C)
<b>Automobile Engineering (24)</b>	Automotive Control Systems (R1642241)	Vehicle Maintenance (R1642242)	Product Design and Assembly Automation (R1642243)	<b>Elective III:</b> Automotive Safety (R164224A)/Automotive Manufacturing Systems (R164224B)/Automobile Air Conditioning (R164224C)



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA - 533003

IV B.TECH - II SEMESTER (R16) I, II MID EXAMINATIONS & QUIZ (OFF LINE), JULY - 2021

## TIME TABLE

I Mid and Offline Quiz : 10.00 AM TO 12.00 NOON

II Mid and Offline Quiz : 02.00 PM TO 04.00 PM

Branch	12.07.2021 (Monday)	13.07.2021 (Tuesday)	14.07.2021 (Wednesday)	15.07.2021 (Thursday)
<b>Mining Engineering (26)</b>	Production Planning and Control (Common to Mechanical and Mining) (R1642031)	Mine Economics & Investment (R1642261)	Mine Health and Safety Engineering (R1642262)	<b>Elective III:</b> Planning of Underground Metal Mining Projects (R164226A)/Planning of Underground Coal Mining Projects (R164226B)/Planning of Surface Mining Projects (R164226C)
<b>Petroleum Engineering (27)</b>	EOR Techniques (R1642271)	HSE & FE in Petroleum Industry (R1642272)	Petroleum Economics, Policies & Regulations (R1642273)	<b>Elective III :</b> Shale Gas Reservoir Engineering (R164227A)/Subsea Engineering (R164227B)/Reservoir Modelling & Simulation (R164227C)
<b>Agricultural Engineering (35)</b>	Design of Agricultural Machinery (R1642351)	Agricultural Extension Techniques and Business Managemet (R1642352)	Agro Industries and Bi-product Utilization (R1642353)	<b>Elective III :</b> GIS and Remote Sensing (R164235A)/Human Engineering and safety (R164235B)/Production Technology of Agricultural Machinery (R164235C)

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- 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.

Controller of Examinations

DATE: 30-06-2021



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY : KAKINADA**

**UNIVERSITY EXAMINATION CENTER, KAKINADA**

**MBA IV SEMESTER (R19 REGULATION) I & II MID EXAMINATIONS, AUGUST - 2021**

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

**I MID : 10.00 AM TO 12.00 NOON**

**II MID : 02.00 PM TO 04.00 PM**

<b>SPECIALIZATIONS</b>	<b>02-08-2021 (Monday)</b>	<b>03-08-2021 (Tuesday)</b>	<b>04-08-2021 (Wednesday)</b>	<b>05-08-2021 (Thursday)</b>	<b>06-08-2021 (Friday)</b>	<b>07-08-2021 (Saturday)</b>	<b>09-08-2021 (Monday)</b>
<b>HR</b>	Supply Chain Management and Analytics <b>MB1941</b>	Innovation and Entrepreneurship <b>pMB1942</b>	Labor Welfare and Employment laws <b>MB194A1</b>	International HRM <b>MB194A2</b>	Employee Relations and Engagement <b>MB194A3</b>	Human Resources Development <b>MB194A4</b>	Strategic HRM <b>MB194A5</b>
<b>FINANCE</b>	Supply Chain Management and Analytics <b>MB1941</b>	Innovation and Entrepreneurship <b>pMB1942</b>	Financial Derivatives <b>MB194B1</b>	Global Financial Management <b>MB194B2</b>	Financial Risk Management <b>MB194B3</b>	Strategic Financial Management <b>MB194B4</b>	Behavioral Finance <b>MB194B5</b>
<b>MARKETING</b>	Supply Chain Management and Analytics <b>MB1941</b>	Innovation and Entrepreneurship <b>pMB1942</b>	Services Marketing <b>MB194C1</b>	Promotional and Distribution Management <b>MB194C2</b>	Green Marketing <b>MB194C3</b>	Advertising and Brand Management <b>MB194C4</b>	Global Marketing Management <b>MB194C5</b>
<b>SYSTEMS</b>	Supply Chain Management and Analytics <b>MB1941</b>	Innovation and Entrepreneurship <b>pMB1942</b>	Big Data Analytics <b>MB194D1</b>	Enterprise Resource Planning <b>MB194D2</b>	Cyber Laws & Security <b>MB194D3</b>	Information Systems Audit <b>MB194D4</b>	Artificial Intelligence And Machine Learning <b>MB194D5</b>
<b>OPERATIONS MANAGEMENT</b>	Supply Chain Management and Analytics <b>MB1941</b>	Innovation and Entrepreneurship <b>pMB1942</b>	Behavior Operations Management <b>MB194E1</b>	Theory of Constraints <b>MB194E2</b>	Management of Manufacturing Systems <b>MB194E3</b>	Sourcing Management <b>MB194E4</b>	Supply Chain Analytics <b>MB194E5</b>
<b>TRAVEL AND TOURISM MANAGEMENT</b>	Supply Chain Management and Analytics <b>MB1941</b>	Innovation and Entrepreneurship <b>pMB1942</b>	Travel Media and Journalism <b>MB194F1</b>	Event Management <b>MB194F2</b>	Front Office Management <b>MB194F3</b>	Information Technology and Tourism <b>MB194F4</b>	Eco Tourism Practices <b>MB194F5</b>



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY : KAKINADA**

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**MBA IV SEMESTER (R19 REGULATION) I & II MID EXAMINATIONS, AUGUST - 2021**

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

**I MID : 10.00 AM TO 12.00 NOON**

**II MID : 02.00 PM TO 04.00 PM**

SPECIALIZATIONS	02-08-2021 (Monday)	03-08-2021 (Tuesday)	04-08-2021 (Wednesday)	05-08-2021 (Thursday)	06-08-2021 (Friday)	07-08-2021 (Saturday)	09-08-2021 (Monday)
<b>HEALTH CARE AND HOSPITAL MANAGEMENT</b>	Supply Chain Management and Analytics <b>MB1941</b>	Innovation and Entrepreneurshi p <b>MB1942</b>	Patient Care & Services Management <b>MB194G1</b>	Managed Health Care and Insurance <b>MB194G2</b>	Health Laws, Ethics and Regulations <b>MB194G3</b>	Hospital Management Information System <b>MB194G4</b>	Health Analytics <b>MB194G5</b>
<b>ENTREPRENEURS HIP AND SMALL ENTERPRISE MANAGEMENT</b>	Supply Chain Management and Analytics <b>MB1941</b>	Innovation and Entrepreneurshi p <b>MB1942</b>	Marketing For Small Business <b>MB194H1</b>	Finance and Accounting For Small Business <b>MB194H2</b>	Technology Appreciation and Intellectual Property Rights <b>MB194H3</b>	Innovation Technology Management <b>MB194H4</b>	Venture Valuation and Accounting <b>MB194H5</b>
<b>AGRO-BUSINESS MANAGEMENT</b>	Supply Chain Management and Analytics <b>MB1941</b>	Innovation and Entrepreneurshi p <b>MB1942</b>	Food Processing Management <b>MB194I1</b>	Disaster Management <b>MB194I2</b>	Food Retail Management <b>MB194I3</b>	Agro- Technology Management <b>MB194I4</b>	Organic Food Technology <b>MB194I5</b>
<b>LOGISTICS AND SUPPLY CHAIN MANAGEMENT</b>	Supply Chain Management and Analytics <b>MB1941</b>	Innovation and Entrepreneurshi p <b>MB1942</b>	Enterprise Resource Planning <b>MB194J1</b>	International Logistics Management <b>MB194J2</b>	Lean Supply Chain Management <b>MB194J3</b>	Shipping and Maritime Law <b>MB194J4</b>	Green Supply Chain Management <b>MB194J5</b>
<b>BUSINESS ANALYTICS</b>	Supply Chain Management and Analytics <b>MB1941</b>	Innovation and Entrepreneurshi p <b>MB1942</b>	Financial Analytics <b>MB194K1</b>	HR Analytics <b>MB194K2</b>	Econometrics and Business Forecasting <b>MB194K3</b>	Data Warehousing and OLAP <b>MB194K4</b>	Data Mining & Machine learning <b>MB194K5</b>

**NOTE:** (i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY.

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(iii) FOR ANY OTHER CLARIFICATIONS IN RESPECT OF THE ABOVE EXAMINATIONS PLEASE CONTACT CONTROLLER OF EXAMINATION

**Date: 20-07-2021**

**Controller of Examinations**



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

**MCA IV SEMESTER (R19 REGULATION) I & II MID EXAMINATIONS, AUGUST - 2021**

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

**T I M E : 10.00 AM TO 12.00 NOON**

**T I M E : 02.00 PM TO 04p.00 PM**

<b>DATE &amp; DAY</b>	<b>02-08-2021 (Monday)</b>	<b>03-08-2021 (Tuesday)</b>	<b>04-08-2021 (Wednesday)</b>	<b>05-08-2021 (Thursday)</b>	<b>06-08-2021 (Friday)</b>
<b>SUBJECTS</b>	Data Warehousing and Data Mining <b>(MC1941)</b>	Full Stack Technologies <b>(MC1942)</b>	Python Programming <b>(MC1943)</b>	Embedded Computing <b>(MC1944A)</b>  Artificial Intelligence <b>(MC1944B)</b>	Cloud Computing <b>(MC1945D)</b>  Multimedia Application Development <b>(MC1945E)</b>

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**Controller of Examinations**

**Date: 20.07.2021**



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

**MBA II SEMESTER (R19 REGULATION) I MID EXAMINATIONS, AUGUST - 2021**

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

**TIME : 10.00 AM TO 12.00 NOON**

<b>23-08-2021 (Monday)</b>	<b>24-08-2021 (Tuesday)</b>	<b>25-08-2021 (Wednesday)</b>	<b>26-08-2021 (Thursday)</b>	<b>27-08-2021 (Friday)</b>	<b>28-08-2021 (Saturday)</b>
Financial Management (MB1921)	Human Resource Management (MB1922)	Marketing Management (MB1923)	Operations Management (MB1924)	Business Research Methods (MB1925)	Project Management (MB192A), Technology Management (MB192B), Lean Management (MB192C), Database Management System (MB192D)

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**Date: 11-08-2021**

**Controller of Examinations**



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

**MCA II SEMESTER (R20 REGULATION) I MID EXAMINATIONS, AUGUST - 2021**

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

**TIME : 10.00 AM TO 12.00 NOON**

<b>23-08-2021 (Monday)</b>	<b>24-08-2021 (Tuesday)</b>	<b>25-08-2021 (Wednesday)</b>	<b>26-08-2021 (Thursday)</b>	<b>27-08-2021 (Friday)</b>
Database Management Systems (MC2021)	Computer Networks (MC2022)	Software Engineering and Design Patterns (MC2023)	Data Warehousing and Mining (MC2024)	No SQL Databases (MC2025A) Design and Analysis of Algorithms (MC2025B) Mobile Application Development (MC2025C) Artificial Intelligence (MC2025D) Accounting for Managers (MC2025E)

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**Date: 11.08.2021**

**Controller of Examinations**



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

**M.TECH II SEMESTER (R19 REGULATION) I MID EXAMINATIONS, AUGUST - 2021**

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

**TIME : 10.00 AM to 12.00 NOON**

<b>BRANCH &amp; SPECIALIZATION</b>	<b>23-08-2021 (Monday)</b>	<b>24-08-2021 (Tuesday)</b>	<b>25-08-2021 (Wednesday)</b>	<b>26-08-2021 (Thursday)</b>
<b>Civil Transportation Engineering  (22)</b>	Pavement Analysis and Design (N2201)	Transportation Planning (N2202)	<b>Elective-III</b> Pavement Construction (N2203), Environmental Impact Assessment (N2204), Traffic Flow Analysis (N2205)	<b>Elective-IV</b> Geosynthetics and Reinforced Earth Structures (N2206), Highway Safety Engineering (N2207), Intelligent Transportation System (N2208)
<b>Civil Structural Engineering (87), Structural Design (85)</b>	Finite Element Methods in Structural Engineering (N8701)	Theory of Plates and Shells (N8702)	<b>Elective-III</b> Stability of Structures (N8703), Advanced Steel Design (N8704), Analysis of Offshore Structures (N8705)	<b>Elective-IV</b> Earthquake Resistant Design of Buildings (N8706), Precast and Prefabricated Structures (N8707), Earth Retaining Structures (N8708)
<b>Civil Soil Mechanics &amp; Foundation Engineering / Geo-Technical Engineering (19)/(20)</b>	Advanced Foundation Engineering (N2001)	Earth Retaining Structures (N2002)	<b>Elective-III</b> Pavement Analysis Design & Evaluation (N2201), Construction Planning & Methods (N2003), Geotechnical Earthquake Engineering (N2004)	<b>Elective-IV</b> Earth Dams (N2005) Construction in Expansive Soils (N2006), Numerical Methods in Geotechnical Engineering (N2007)
<b>Civil Highway Engineering (23)</b>	Pavement Analysis & Design (N2201)	Pavement Construction, Maintenance & Management (N2301)	<b>Elective – III</b> Highway Safety Engineering (N2207), Land use and Transportation Modeling (N2302), Transportation System Management (N2303)	<b>Elective-IV</b> Environmental Impact Assessment for Transportation Projects (N2304), GIS Applications in Transportation Engineering (N2305) Highway Project Formulation and Economics (N2306)



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
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**M.TECH II SEMESTER (R19 REGULATION) I MID EXAMINATIONS, AUGUST - 2021**

**TIME TABLE**

TIME : 10.00 AM to 12.00 NOON

BRANCH & SPECIALIZATION	23-08-2021 (Monday)	24-08-2021 (Tuesday)	25-08-2021 (Wednesday)	26-08-2021 (Thursday)
<b>Civil Computer aided Structural Analysis and Design (35)</b>	Finite Element Methods in Structural Engineering (N8701)	CAD & Computer Applications in Structural Engineering (N3501)	<b>Elective – III</b> Stability of Structures (N8703)  Advanced Steel Design (N8704)  Analysis of Shells and Folded Plates (N3502)	<b>Elective-IV</b> Earthquake Resistant Design of Buildings (N8706)  Precast and Prefabricated Structures (N8707)  Management Information Systems (N3503)
<b>Environmental Engineering (86)</b>	Air and Noise Pollution Control (N8601)	Solid and Hazardous Waste Management (N8602)	<b>Elective – III</b> Environmental Impact Assessment (N8603)  Green Technologies (N8604)  Environmental System Analysis (N8605)	<b>Elective-IV</b> Disaster Management (N8606)  Occupational and Environmental Health (N8607)  Air Quality Modelling and Management (N8608)

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Date: 11-08-2021

Controller of Examinations



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**UNIVERSITY EXAMINATION CENTER, KAKINADA**  
**M.TECH II SEMESTER (R19 REGULATION) I MID EXAMINATIONS, AUGUST - 2021**

**TIME TABLE**

**TIME : 10.00 AM to 12.00 NOON**

<b>BRANCH &amp; SPECIALIZATION</b>	<b>23-08-2021 (Monday)</b>	<b>24-08-2021 (Tuesday)</b>	<b>25-08-2021 (Wednesday)</b>	<b>26-08-2021 (Thursday)</b>
<b>CSE Computer Science (05)</b>	Advance Algorithms (N5901)	Data Science through Python Programming (N0501)	<b>Elective – III</b> Machine Learning (N5801) Ad hoc and Sensor Networks (N5804) Internet of Things (N5903)	<b>Elective – IV</b> Cryptography and network Security (N0502) Cloud Computing (N5806) Web Technologies (N0503)
<b>CSE Software Engineering (25)</b>	Service Oriented Architecture (N2501)	Mathematical Foundations of Computer Science (N2502)	<b>Elective – III</b> Software Testing Methodologies (N2503) Agile Software Development (N2504) ERP & Supply Chain Management (N2505)	<b>Elective – IV</b> Secure Software Engineering (N2506) Big Data Analytics (N2507) Design patterns (N2508)
<b>CSE Cyber Security (26)</b>	Vulnerability Assessment & Penetration Testing (N8407)	Malware Analysis & Reverse Engineering (N2601)	<b>Elective – III</b> Cloud and IoT Security (N8408) Machine Learning (N5801) Data Privacy (N2602)	<b>Elective – IV</b> Applied Cryptography (N8409) Principles of Secure Coding (N2603) Security Assessment and Risk Analysis (N2604)
<b>CSE Information Technology (40)</b>	Advanced Algorithms (N5901)	Full Stack Technologies (N5907)	<b>Elective – III</b> Machine Learning (N5801) DevOps (N4001) Advanced Network Principles and Protocols (N5902) Distributed Computing (N4002) Social Network Analytics (N4003)	<b>Elective – IV</b> Digital Image Processing (N4004) Block Chain Technologies (N4005) Data Science (N4006) Soft Computing (N5805) Natural Language Processing (N5906)



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**UNIVERSITY EXAMINATION CENTER, KAKINADA**  
**M.TECH II SEMESTER (R19 REGULATION) I MID EXAMINATIONS, AUGUST - 2021**

**TIME TABLE**

**TIME : 10.00 AM to 12.00 NOON**

<b>BRANCH &amp; SPECIALIZATION</b>	<b>23-08-2021 (Monday)</b>	<b>24-08-2021 (Tuesday)</b>	<b>25-08-2021 (Wednesday)</b>	<b>26-08-2021 (Thursday)</b>
<b>CSE Neural Networks (69)</b>	Soft Computing (N5805)	Deep Learning (N6901)	<b>Elective – III</b> Computer Vision (N6902) Big Data Analytics (N6903) Remote Sensing (N6904)	<b>Elective – IV</b> Cognitive Systems (N6905) Knowledge Discovery (N6906) Natural Language Processing (N5906)
<b>CSE Computer Networks &amp; Information Security (84)</b>	Principles of Cyber Security (N8401)	Cyber Crime Investigation & Digital Forensics (N8402)	<b>Elective – III</b> Wireless and Mobile Security (N8403) Android Security Design and Internals (N8404) Firewall and VPN Security (N8405) Information Theory & Coding (N8406)	<b>Elective – IV</b> Vulnerability Assessment & Penetration Testing (N8407) Cloud & IoT Security (N8408) Applied Cryptography (N8409) Secure Coding (N8410)
<b>CSE Computer Science &amp; Technology (59)</b>	Advanced Algorithms (N5901)	Machine Learning (N5801)	<b>Elective – III</b> Soft Computing (N5805), Advanced Network Principles and Protocols (N5902), Internet of Things (N5903), Open Source Programming (N5904), Pattern Recognition (N5905)	<b>Elective – IV</b> Natural Language Processing (N5906), Full Stack Technologies (N5907), Parallel Algorithms (N5908), Object Oriented Software Engineering (N5909), Distributed Database (N5910)
<b>CSE Computer Science &amp; Engineering (58)</b>	Machine learning (N5801)	MEAN Stack Technologies (N5802)	<b>Elective – III</b> Advanced Databases and Mining (N5803), Ad Hoc & Sensor Networks (N5804), Soft Computing (N5805)	<b>Elective – IV</b> Cloud Computing (N5806), Principles of computer security (N5807), High Performance Computing (N5808)



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
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**M.TECH II SEMESTER (R19 REGULATION) I MID EXAMINATIONS, AUGUST - 2021**

**TIME TABLE**

TIME : 10.00 AM to 12.00 NOON

BRANCH & SPECIALIZATION	23-08-2021 (Monday)	24-08-2021 (Tuesday)	25-08-2021 (Wednesday)	26-08-2021 (Thursday)
<b>CSE Computer Networks (94)</b>	Network Security (N9401)	Wireless Sensor Networks (N9402)	<b>Elective – III</b> Web Security (N9403), Internet of Things (N5903), Intrusion Detection & Prevention Systems (N9404)	<b>Elective – IV</b> Firewall & VPN Security (N9405), Machine Learning (N9406), Service Oriented Architecture (N9407)
<b>CSE Data Science (88)</b>	Advance Algorithms (N5901)	Machine Learning Techniques (N5801)	<b>Elective – III</b> Natural Language Processing(N8801), High Performance Computing (N5808), Cloud Computing (N5806)	<b>Elective – IV</b> Principles of Deep Learning (N8802), Image and Video Analytics (N8803), Principles of Data Security (N8804)

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Date: 11-08-2021

Controller of Examinations



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

**M.TECH II SEMESTER (R19 REGULATION) I MID EXAMINATIONS, AUGUST - 2021**

**TIME TABLE**

**TIME : 10.00 AM to 12.00 NOON**

<b>BRANCH &amp; SPECIALIZATION</b>	<b>23-08-2021 (Monday)</b>	<b>24-08-2021 (Tuesday)</b>	<b>25-08-2021 (Wednesday)</b>	<b>26-08-2021 (Thursday)</b>
<b>Mechanical Thermal Engineering (21)</b>	Advanced Heat and Mass Transfer (N2101)	Thermal Measurements and Process Controls (N2102)	<b>Elective-III</b> Equipment Design for Thermal Systems (N2103) Solar Energy Technologies (N2104), Advanced Power Plant Engineering (N2105), Combustion, Emissions and Environment (N2106)	<b>Elective-IV</b> Jet Propulsion and Rocket Engineering (N2107), Automotive Engineering (N2108), Modeling of I.C engines (N2109), Renewable Energy Technologies (N2110)
<b>Mechanical Thermal Sciences and Energy Systems (18)</b>	Solar Energy and Fuel Cell Technologies (N1801)	Energy Conservation and Management (N1802)	<b>Elective-III</b> Energy Systems Modeling and Analysis (N1803), Energy Economics and Planning (N1804), Optimization Techniques and Applications (N1805), Biomass, Wind and Ocean Energy (N1806)	<b>Elective-IV</b> Waste Heat Recovery Systems (N1807), Design of Heat Transfer Equipment (N1808), Combustion, Emissions and Environment (N1809), Green Buildings (N1810)
<b>Mechanical Machine Design/Mechanical Engineering Design (15)/(14)</b>	Advanced Finite Element Methods (N1303)	Advanced Machine Design (N1501)	<b>Elective-III</b> Theory of Plasticity (N1502), Signal Analysis and Condition Monitoring (N1503), Computational Fluid Dynamics (N1504), Composite Materials (N1505), Soft Computing (N1506), Computer Aided Mechanical Design and Analysis (N1401)	<b>Elective-IV</b> Experimental Techniques and data analysis (N1507), Design with advanced Materials (N1508), Mechatronics (N1509), Tribology (N1510), Experimental Modal Analysis (N1511)



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

**M.TECH II SEMESTER (R19 REGULATION) I MID EXAMINATIONS, AUGUST - 2021**

**TIME TABLE**

**TIME : 10.00 AM to 12.00 NOON**

<b>BRANCH &amp; SPECIALIZATION</b>	<b>23-08-2021 (Monday)</b>	<b>24-08-2021 (Tuesday)</b>	<b>25-08-2021 (Wednesday)</b>	<b>26-08-2021 (Thursday)</b>
<b>Mechanical CAD/CAM (04)</b>	Theory of Elasticity and Plasticity (N0901)	Advanced Manufacturing Processes (N0401)	<b>Elective-III</b> Advanced Finite Element Methods (N1303) Fracture mechanics (N0903) Product Design and Development (N0904)	<b>Elective-IV</b> Materials Characterization Techniques (N0905) Optimization & Reliability (N0906), Additive Manufacturing (N0907)
<b>Mechanical Advanced Manufacturing Systems (17)</b>	Simulation of Manufacturing Systems (N1701)	Computer Integrated Manufacturing (N1302)	<b>Elective-III</b> Finite Element Methods (N1303), Concurrent Engineering (N1304), MEMS & Micro systems (N1305)	<b>Elective-IV</b> Production and Operation Management (N1306), Advanced CNC Technologies (N1307), Supply Chain Management (N1308)
<b>Computer Aided Design &amp; Manufacturing (09)</b>	Theory of Elasticity and Plasticity (N0901)	Advanced Manufacturing Processes (N0902)	<b>Elective-III</b> Advanced Finite Element Methods (N1303), Fracture mechanics (N0903), Product Design and Development (N0904)	<b>Elective-IV</b> Materials Characterization Techniques (N0905), Optimization & Reliability (N0906), Additive Manufacturing (N0907)
<b>Mechanical Advanced Manufacturing and Mechanical System Design (13)</b>	Advanced Manufacturing Processes-II (N1301)	Computer Integrated Manufacturing (N1302)	<b>Elective – III</b> Finite Element Methods (N1303), Concurrent Engineering (M1304), MEMS & Micro systems (N1305)	<b>Elective – IV</b> Production and Operation Management (N1306), Advanced CNC Technologies (N1307), Supply Chain Management (N1308)



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
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**M.TECH II SEMESTER (R19 REGULATION) I MID EXAMINATIONS, AUGUST - 2021**

**TIME TABLE**

**TIME : 10.00 AM to 12.00 NOON**

<b>BRANCH &amp; SPECIALIZATION</b>	<b>23-08-2021 (Monday)</b>	<b>24-08-2021 (Tuesday)</b>	<b>25-08-2021 (Wednesday)</b>	<b>26-08-2021 (Thursday)</b>
<b>Automobile Engineering (AA)</b>	Vehicle Body Engineering (NAA01)	Vehicle Dynamics (NAA02)	<b>Elective III</b> Noise, Vibrations and Harshness (NAA03), Condition Monitoring (NAA04), Automotive Air-Conditioning Systems (NAA05), Automotive System Components Design (NAA06)	<b>Elective IV</b> Advanced Metal Forming (NAA07), Automotive Safety and Maintenance (NAA08), Advanced Finite Element Methods (N1303), Vehicle Control Systems (NAA09), Simulation of Vehicle Systems (NAA10)
<b>Mechanical Computer Aided Analysis &amp; Design (16)</b>	Optimization and Reliability (N0906)	Advanced Mechanisms (N1601)	<b>Elective III</b> Fracture mechanics (N0903), Advanced Finite Element Methods (N1303), Design for Manufacturing (N1602)	<b>Elective IV</b> Industrial Robotics (N1603), Tribology in Design (N1510), Rapid Prototyping & Tool Design (N1604)
<b>Mechanical Mining Engineering (BB)</b>	Mine Safety Management (NBB01)	Mine Ventilation and Planning (NBB02)	<b>Elective III</b> Surface Mine Environmental Engineering (NBB03), Mine System Engineering (NBB04), Sustainable Mining Industry (NBB05)	<b>Elective IV</b> Geo- Statistics (NBB06), Advance Underground Mine Planning and Design (NBB07), Numerical Methods in Geotechnical Engineering (NBB08)
<b>Petroleum Engineering (08)</b>	Artificial Lift Techniques. (N0801)	Reservoir Modeling & Simulation. (N0802)	<b>Elective III</b> Advanced EOR Techniques (N0803), Advanced well completions (N0804)	<b>Elective IV</b> Flow Assurance (N0805), Advanced horizontal well technology (N0806)

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Date: 11-08-2021

  
**Controller of Examinations**



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**UNIVERSITY EXAMINATION CENTER, KAKINADA**  
**M.TECH II SEMESTER (R19 REGULATION) I MID EXAMINATIONS, AUGUST - 2021**

**TIME TABLE**

**TIME : 10.00 AM to 12.00 NOON**

<b>BRANCH &amp; SPECIALIZATION</b>	<b>23-08-2021 (Monday)</b>	<b>24-08-2021 (Tuesday)</b>	<b>25-08-2021 (Wednesday)</b>	<b>26-08-2021 (Thursday)</b>
<b>ECE</b>  <b>VLSI&amp;EMBEDED SYSTEMS/ EMBEDED SYSTEMS &amp; VLSI /VLSID&amp;ES/ES&amp;VLS ID (68,48,77,81)</b>	Analog and Digital CMOS VLSI Design (N6801)	Real Time Operating Systems (N5502)	<b>Elective-III</b> Memory Architectures (N5503)  SoC Design (N5504)  Low power VLSI Design (N6802)	<b>Elective-IV</b> Communication Buses and Interfaces (N5506) Network Security and Cryptography (N5507) Physical design automation (N5508)
<b>ECE</b>  <b>VLSI/ VLSI Design/ VLSI System Design/ VLSI &amp; Micro Electronics (57,72,61,76)</b>	Mixed Signal & RF IC Design (N5701)	Physical Design Automation (N5508)	<b>Elective-III</b> Design For Testability (N5702), IOT & its Applications (N0601), VLSI Signal Processing (N5703)	<b>Elective-IV</b> Network Security & Cryptography (N5507), Microcontrollers & programmable Digital Signal Processors (N5704), Low Power VLSI Design (N5705)
<b>ECE</b> <b>Communication Engineering &amp; Signal Processing/ Communication &amp; Signal Processing (46,80)</b>	Pattern Recognition and Machine Learning (N4601)	Detection and Estimation Theory (N4602)	<b>Elective-III</b> IOT and Applications (N4603)  Wireless Sensors Networks (N4604)  Soft Computing Techniques (N4605)	<b>Elective-IV</b> Smart Antennas (N4606)  Biomedical Signal Processing (N4607)  Optical Networks (N4608)
<b>ECE</b>  <b>Embedded Systems  (55)</b>	Digital System Design (N5501)	Real Time Operating Systems (N5502)	<b>Elective-III</b> Memory Architectures (N5503)  SoC Design (N5504)  Sensors & Actuators (N5505)	<b>Elective-IV</b> Communication Buses and Interfaces (N5506)  Network Security and Cryptography (N5507)  Physical design automation (N5508)



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
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**M.TECH II SEMESTER (R19 REGULATION) I MID EXAMINATIONS, AUGUST - 2021**

**TIME TABLE**

**TIME : 10.00 AM to 12.00 NOON**

<b>BRANCH &amp; SPECIALIZATION</b>	<b>23-08-2021 (Monday)</b>	<b>24-08-2021 (Tuesday)</b>	<b>25-08-2021 (Wednesday)</b>	<b>26-08-2021 (Thursday)</b>
<b>ECE</b> <b>Digital Systems &amp; Computer Electronics (DSCE)</b> <b>(06)</b>	Internet Of Things & Applications (N0601)	DSP Processors & Architecture (N4706)	<b>Elective-III</b> System On Chip Design (N0602) Soft Computing Techniques (N4605) Cyber Security (N4704)	<b>Elective-IV</b> Embedded Real Time Operating Systems (N0603) High Speed Networks (N0604) EMI/EMC (N3703)
<b>ECE</b> <b>Digital Electronics &amp; Communication Engineering/Digital Electronics And Communication Systems/ Electronics &amp; Communication Engineering</b> <b>(37,38,70)</b>	Image and Video Processing (N4702)	Wireless Communications and Networks (N4701)	<b>Elective-III</b> CMOS Analog & Digital IC Design (N3701) Advanced Computer Architecture (N3702) Soft Computing Techniques (N4605)	<b>Elective-IV</b> DSP Processors and Architectures (N4706) EMI/ EMC (N3703) Object Oriented Programming (N3704)
<b>ECE</b> <b>Communication Systems</b> <b>(47)</b>	Wireless Communications and Networks (N4701)	Image and Video Processing (N4702)	<b>Elective-III</b> Soft Computing Techniques (N4605), Internet Protocols (N4703), Cyber Security (N4704)	<b>Elective-IV</b> Optical Networks (N4705), DSP Processors and Architectures (N4706), Radio and Navigational Aids (N4707)



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**TIME TABLE**

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<b>BRANCH &amp; SPECIALIZATION</b>	<b>23-08-2021 (Monday)</b>	<b>24-08-2021 (Tuesday)</b>	<b>25-08-2021 (Wednesday)</b>	<b>26-08-2021 (Thursday)</b>
<b>ECE</b> <b>System Signal Processing/Digital Image Processing (45,63)</b>	Pattern Recognition and Machine Learning (N4601)	Detection and Estimation Theory (N4602)	<b>Elective-III</b> IOT and Applications (N4603)  Wireless Sensors Networks (N4604)  Soft Computing Techniques (N4605)	<b>Elective-IV</b> Audio/Vedio coding and compression (N4501)  Biomedical Signal Processing (N4607)  Optical Networks (N4608)

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**Date: 11-08-2021**

  
**Controller of Examinations**



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**UNIVERSITY EXAMINATION CENTER, KAKINADA**  
**M.TECH II SEMESTER (R19 REGULATION) I MID EXAMINATIONS, AUGUST - 2021**

**TIME TABLE**

**TIME : 10.00 AM to 12.00 NOON**

<b>BRANCH &amp; SPECIALIZATION</b>	<b>23-08-2021 (Monday)</b>	<b>24-08-2021 (Tuesday)</b>	<b>25-08-2021 (Wednesday)</b>	<b>26-08-2021 (Thursday)</b>
<b>EEE</b>  <b>Power Systems/ Power System Control and Automation/ Electrical Power Engineering/Electrical Power Systems/Power System Engineering/PS &amp;C/Advanced Power System (50)/Power Engineering &amp; Energy/ Systems/ Power System Auto Machine</b>  <b>(56,53,50,60,65,30,31,66)</b>	Power System Dynamics and Stability <b>(N9904)</b>	Real Time Control of Power Systems <b>(N9901)</b>	<b>Elective-III</b> EHVAC Transmission <b>(N6207)</b>  Flexible AC Transmission Systems <b>(N6206)</b>  Hybrid Electric Vehicles <b>(N4304)</b>	<b>Elective-IV</b> Generation & Measurement of High Voltages <b>(N5601)</b>  Evolutionary Algorithms and Applications <b>(N5602)</b>  Programmable Logic Controllers & Applications <b>(N5603)</b>
<b>EEE</b>  <b>Power Electronics/ Power and Industrial Drives/ Power Electronics and Electrical Drives/ Power Electronics and Drives/ Electrical Machines and Drives/Power Electronics &amp; Systems</b>  <b>(43,42,54,52,44,12)</b>	Switched Mode Power Conversion <b>(N4301)</b>	Power Electronic Control of Electrical Drives <b>(N4302)</b>	<b>Elective-III</b> Control & Integration of Renewable Energy Systems <b>(N4303)</b>  Hybrid Electric Vehicles <b>(N4304)</b>  Digital Control Systems <b>(N4305)</b>	<b>Elective-IV</b> Advanced Digital Signal Processing <b>(N9503)</b>  Applications of Power Converters <b>(N4306)</b>  Microcontrollers <b>(N4307)</b>
<b>EEE</b>  <b>Power Electronics &amp;</b>	Switched Mode Power Conversion <b>(N4301)</b>	Real Time Control of Power Systems <b>(N9901)</b>	<b>Elective-III</b> Electrical Machine Modeling &	<b>Elective-IV</b> EHVAC Transmission <b>(N6207)</b> , Flexible AC Transmission Systems



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
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**M.TECH II SEMESTER (R19 REGULATION) I MID EXAMINATIONS, AUGUST - 2021**

**TIME TABLE**

**TIME : 10.00 AM to 12.00 NOON**

<b>Power Systems</b> <b>(99)</b>			Analysis (N9902), DSP Controlled Drives (N9903), Application of Power Converters (N4306)	(N6206), Power System Dynamics & Stability (N9904)
<b>BRANCH &amp; SPECIALIZATION</b>	<b>23-08-2021</b> <b>(Monday)</b>	<b>24-08-2021</b> <b>(Tuesday)</b>	<b>25-08-2021</b> <b>(Wednesday)</b>	<b>26-08-2021</b> <b>(Thursday)</b>
<b>EEE</b> <b>High Voltage Engineering/ Power Systems with Emphasis on High Voltage Engineering</b> <b>(62,29)</b>	High Voltage Testing Techniques (N6201)	Surge Phenomenon & Insulation Coordination (N6202)	<b>Elective-III</b> Partial Discharge in HV Equipment (N6203), Gas Insulated Systems and Substations (N6204), Pulse Power Engineering (N6205)	<b>Elective-IV</b> Flexible AC Transmission Systems (N6206), EHVAC Transmission (N6207), Smart Grid Technologies (N6208)
<b>EEE</b> <b>Control Systems/Control Engineering</b> <b>(95,28)</b>	Non-Linear Systems Analysis (N9501)	Optimal Control Theory (N9502)	<b>Elective-III</b> Digital Signal Processing (N9503), Robotics and Control (N9504), Large scale systems (N9505)	<b>Elective-IV</b> Process Control and Automation (N9506), Decision and Estimation Theory (N9507), Embedded Computer Control (N9508)
<b>EEE</b> <b>High Voltage Power Systems Engineering</b> <b>(64)</b>	High Voltage Testing Techniques (N6201)	Surge Phenomenon & Insulation Coordination (N6202)	<b>Elective-III</b> Partial Discharge in HV Equipment (N6203), Gas Insulated Systems and Substations (N6204), Pulse Power Engineering (N6205)	<b>Elective-IV</b> Flexible AC Transmission Systems (N6206), EHVAC Transmission (N6207), Smart Grid Technologies (N6208)

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*Signature*



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**UNIVERSITY EXAMINATION CENTER, KAKINADA**  
**M.TECH II SEMESTER (R19 REGULATION) I MID EXAMINATIONS, AUGUST - 2021**

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

**TIME : 10.00 AM to 12.00 NOON**

**Date: 11-08-2021**

**Controller of Examinations**



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

**M.TECH II SEMESTER (R20 REGULATION) I MID EXAMINATIONS, AUGUST - 2021**  
**(FOR 2020 ADMITTED BATCH ONLY)**

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

**TIME : 10:00 AM TO 12:00 NOON**

<b>BRANCH &amp; SPECIALIZATION</b>	<b>23-08-2021 (Monday)</b>	<b>24-08-2021 (Tuesday)</b>	<b>25-08-2021 (Wednesday)</b>	<b>26-08-2021 (Thursday)</b>
<b>CSE</b> <b>ARTIFICIAL INTELLIGENCE &amp; DATA SCIENCE (AH)</b>	Deep Learning <b>RAH01</b>	Data Analysis using SQL and Excel <b>RAH02</b>	<b>Elective-III</b> Natural Language Processing <b>RAH03</b> <b>Elective-III</b> Recommender Systems <b>RAH04</b> <b>Elective-III</b> Data Visualization <b>RAH05</b>	<b>Elective-IV</b> AI Chatbots <b>RAH06</b> <b>Elective-IV</b> NOSQL Databases <b>RAH07</b> <b>Elective-IV</b> Reinforcement Learning <b>RAH08</b>
<b>CSE</b> <b>ARTIFICIAL INTELLIGENCE &amp; MACHINE LEARNING (AI)</b>	Deep Learning <b>RAH01</b>	Machine learning <b>RAI01</b>	<b>Elective-III</b> Computer Vision <b>RAI02</b> <b>Elective-III</b> Natural Language Processing <b>RAH03</b> <b>Elective-III</b> Recommender Systems <b>RAH04</b>	<b>Elective-IV</b> Robotics and Intelligent Systems <b>RAI03</b> <b>Elective-IV</b> Reinforcement Learning <b>RAH08</b> <b>Elective-IV</b> NOSQL Databases <b>RAH07</b>
<b>CSE</b> <b>ARTIFICIAL INTELLIGENCE (AF)</b>	Soft Computing <b>RAF01</b>	Machine learning <b>RAI01</b>	<b>Elective-III</b> Deep Learning <b>RAH01</b> <b>Elective-III</b> Natural Language Processing <b>RAH03</b> <b>Elective-III</b> Computer Vision <b>RAI02</b>	<b>Elective-IV</b> Robotics and Intelligent Systems <b>RAI03</b> <b>Elective-IV</b> Reinforcement Learning <b>RAH08</b> <b>Elective-IV</b> AI Chatbots <b>RAH06</b>

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Date: 11-08-2021

  
Controller of Examinations



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

**MBA II SEMESTER (R19 REGULATION) II MID EXAMINATIONS, SEPTEMBER - 2021**

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

**TIME : 10.00 AM TO 12.00 NOON**

<b>20-09-2021 (Monday)</b>	<b>21-09-2021 (Tuesday)</b>	<b>22-09-2021 (Wednesday)</b>	<b>23-09-2021 (Thursday)</b>	<b>24-09-2021 (Friday)</b>	<b>25-09-2021 (Saturday)</b>
Financial Management (MB1921)	Human Resource Management (MB1922)	Marketing Management (MB1923)	Operations Management (MB1924)	Business Research Methods (MB1925)	Project Management (MB192A), Technology Management (MB192B), Lean Management (MB192C), Database Management System (MB192D)

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**Date: 04-09-2021**

**Controller of Examinations**



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

**MCA II SEMESTER (R20 REGULATION) II MID EXAMINATIONS, SEPTEMBER - 2021**

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

**TIME : 10.00 AM TO 12.00 NOON**

<b>20-09-2021 (Monday)</b>	<b>21-09-2021 (Tuesday)</b>	<b>22-09-2021 (Wednesday)</b>	<b>23-09-2021 (Thursday)</b>	<b>24-09-2021 (Friday)</b>
Database Management Systems (MC2021)	Computer Networks (MC2022)	Software Engineering and Design Patterns (MC2023)	Data Warehousing and Mining (MC2024)	No SQL Databases (MC2025A) Design and Analysis of Algorithms (MC2025B) Mobile Application Development (MC2025C) Artificial Intelligence (MC2025D) Accounting for Managers (MC2025E)

**NOTE:**

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**Date: 04.09.2021**

**Controller of Examinations**



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

**M.TECH II SEMESTER (R19 REGULATION) II MID EXAMINATIONS, SEPTEMBER - 2021**

**TIME TABLE**

**TIME : 10.00 AM to 12.00 NOON**

<b>BRANCH &amp; SPECIALIZATION</b>	<b>20-09-2021 (Monday)</b>	<b>21-09-2021 (Tuesday)</b>	<b>22-09-2021 (Wednesday)</b>	<b>23-09-2021 (Thursday)</b>
<b>Civil Transportation Engineering  (22)</b>	Pavement Analysis and Design (N2201)	Transportation Planning (N2202)	<b>Elective-III</b> Pavement Construction (N2203), Environmental Impact Assessment (N2204), Traffic Flow Analysis (N2205)	<b>Elective-IV</b> Geosynthetics and Reinforced Earth Structures (N2206), Highway Safety Engineering (N2207), Intelligent Transportation System (N2208)
<b>Civil Structural Engineering (87), Structural Design (85)</b>	Finite Element Methods in Structural Engineering (N8701)	Theory of Plates and Shells (N8702)	<b>Elective-III</b> Stability of Structures (N8703), Advanced Steel Design (N8704), Analysis of Offshore Structures (N8705)	<b>Elective-IV</b> Earthquake Resistant Design of Buildings (N8706), Precast and Prefabricated Structures (N8707), Earth Retaining Structures (N8708)
<b>Civil Soil Mechanics &amp; Foundation Engineering / Geo-Technical Engineering (19)/(20)</b>	Advanced Foundation Engineering (N2001)	Earth Retaining Structures (N2002)	<b>Elective-III</b> Pavement Analysis Design & Evaluation (N2201), Construction Planning & Methods (N2003), Geotechnical Earthquake Engineering (N2004)	<b>Elective-IV</b> Earth Dams (N2005) Construction in Expansive Soils (N2006), Numerical Methods in Geotechnical Engineering (N2007)
<b>Civil Highway Engineering (23)</b>	Pavement Analysis & Design (N2201)	Pavement Construction, Maintenance & Management (N2301)	<b>Elective – III</b> Highway Safety Engineering (N2207), Land use and Transportation Modeling (N2302), Transportation System Management (N2303)	<b>Elective-IV</b> Environmental Impact Assessment for Transportation Projects (N2304), GIS Applications in Transportation Engineering (N2305) Highway Project Formulation and Economics (N2306)



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
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**M.TECH II SEMESTER (R19 REGULATION) II MID EXAMINATIONS, SEPTEMBER - 2021**

**TIME TABLE**

**TIME : 10.00 AM to 12.00 NOON**

<b>BRANCH &amp; SPECIALIZATION</b>	<b>20-09-2021 (Monday)</b>	<b>21-09-2021 (Tuesday)</b>	<b>22-09-2021 (Wednesday)</b>	<b>23-09-2021 (Thursday)</b>
<b>Civil Computer aided Structural Analysis and Design (35)</b>	Finite Element Methods in Structural Engineering (N8701)	CAD & Computer Applications in Structural Engineering (N3501)	<b>Elective – III</b> Stability of Structures (N8703)  Advanced Steel Design (N8704)  Analysis of Shells and Folded Plates (N3502)	<b>Elective-IV</b> Earthquake Resistant Design of Buildings (N8706)  Precast and Prefabricated Structures (N8707)  Management Information Systems (N3503)
<b>Environmental Engineering (86)</b>	Air and Noise Pollution Control (N8601)	Solid and Hazardous Waste Management (N8602)	<b>Elective – III</b> Environmental Impact Assessment (N8603)  Green Technologies (N8604)  Environmental System Analysis (N8605)	<b>Elective-IV</b> Disaster Management (N8606)  Occupational and Environmental Health (N8607)  Air Quality Modelling and Management (N8608)

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**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
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**M.TECH II SEMESTER (R19 REGULATION) II MID EXAMINATIONS, SEPTEMBER - 2021**

**TIME TABLE**

**TIME : 10.00 AM to 12.00 NOON**

<b>BRANCH &amp; SPECIALIZATION</b>	<b>20-09-2021 (Monday)</b>	<b>21-09-2021 (Tuesday)</b>	<b>22-09-2021 (Wednesday)</b>	<b>23-09-2021 (Thursday)</b>
<b>CSE Computer Science (05)</b>	Advance Algorithms (N5901)	Data Science through Python Programming (N0501)	<b>Elective – III</b> Machine Learning (N5801) Ad hoc and Sensor Networks (N5804) Internet of Things (N5903)	<b>Elective – IV</b> Cryptography and network Security (N0502) Cloud Computing (N5806) Web Technologies (N0503)
<b>CSE Software Engineering (25)</b>	Service Oriented Architecture (N2501)	Mathematical Foundations of Computer Science (N2502)	<b>Elective – III</b> Software Testing Methodologies (N2503) Agile Software Development (N2504) ERP & Supply Chain Management (N2505)	<b>Elective – IV</b> Secure Software Engineering (N2506) Big Data Analytics (N2507) Design patterns (N2508)
<b>CSE Cyber Security (26)</b>	Vulnerability Assessment & Penetration Testing (N8407)	Malware Analysis & Reverse Engineering (N2601)	<b>Elective – III</b> Cloud and IoT Security (N8408) Machine Learning (N5801) Data Privacy (N2602)	<b>Elective – IV</b> Applied Cryptography (N8409) Principles of Secure Coding (N2603) Security Assessment and Risk Analysis (N2604)
<b>CSE Information Technology (40)</b>	Advanced Algorithms (N5901)	Full Stack Technologies (N5907)	<b>Elective – III</b> Machine Learning (N5801) DevOps (N4001) Advanced Network Principles and Protocols (N5902) Distributed Computing (N4002) Social Network Analytics (N4003)	<b>Elective – IV</b> Digital Image Processing (N4004) Block Chain Technologies (N4005) Data Science (N4006) Soft Computing (N5805) Natural Language Processing (N5906)



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<b>CSE Neural Networks (69)</b>	Soft Computing (N5805)	Deep Learning (N6901)	<b>Elective – III</b> Computer Vision (N6902) Big Data Analytics (N6903) Remote Sensing (N6904)	<b>Elective – IV</b> Cognitive Systems (N6905) Knowledge Discovery (N6906) Natural Language Processing (N5906)
<b>CSE Computer Networks &amp; Information Security (84)</b>	Principles of Cyber Security (N8401)	Cyber Crime Investigation & Digital Forensics (N8402)	<b>Elective – III</b> Wireless and Mobile Security (N8403) Android Security Design and Internals (N8404) Firewall and VPN Security (N8405) Information Theory & Coding (N8406)	<b>Elective – IV</b> Vulnerability Assessment & Penetration Testing (N8407) Cloud & IoT Security (N8408) Applied Cryptography (N8409) Secure Coding (N8410)
<b>CSE Computer Science &amp; Technology (59)</b>	Advanced Algorithms (N5901)	Machine Learning (N5801)	<b>Elective – III</b> Soft Computing (N5805), Advanced Network Principles and Protocols (N5902), Internet of Things (N5903), Open Source Programming (N5904), Pattern Recognition (N5905)	<b>Elective – IV</b> Natural Language Processing (N5906), Full Stack Technologies (N5907), Parallel Algorithms (N5908), Object Oriented Software Engineering (N5909), Distributed Database (N5910)
<b>CSE Computer Science &amp; Engineering (58)</b>	Machine learning (N5801)	MEAN Stack Technologies (N5802)	<b>Elective – III</b> Advanced Databases and Mining (N5803), Ad Hoc & Sensor Networks (N5804), Soft Computing (N5805)	<b>Elective – IV</b> Cloud Computing (N5806), Principles of computer security (N5807), High Performance Computing (N5808)



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<b>CSE Computer Networks (94)</b>	Network Security (N9401)	Wireless Sensor Networks (N9402)	<b>Elective – III</b> Web Security (N9403), Internet of Things (N5903), Intrusion Detection & Prevention Systems (N9404)	<b>Elective – IV</b> Firewall & VPN Security (N9405), Machine Learning (N9406), Service Oriented Architecture (N9407)
<b>CSE Data Science (88)</b>	Advance Algorithms (N5901)	Machine Learning Techniques (N5801)	<b>Elective – III</b> Natural Language Processing(N8801), High Performance Computing (N5808), Cloud Computing (N5806)	<b>Elective – IV</b> Principles of Deep Learning (N8802), Image and Video Analytics (N8803), Principles of Data Security (N8804)

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<b>Mechanical Thermal Engineering (21)</b>	Advanced Heat and Mass Transfer (N2101)	Thermal Measurements and Process Controls (N2102)	<b>Elective-III</b> Equipment Design for Thermal Systems (N2103) Solar Energy Technologies (N2104), Advanced Power Plant Engineering (N2105), Combustion, Emissions and Environment (N2106)	<b>Elective-IV</b> Jet Propulsion and Rocket Engineering (N2107), Automotive Engineering (N2108), Modeling of I.C engines (N2109), Renewable Energy Technologies (N2110)
<b>Mechanical Thermal Sciences and Energy Systems (18)</b>	Solar Energy and Fuel Cell Technologies (N1801)	Energy Conservation and Management (N1802)	<b>Elective-III</b> Energy Systems Modeling and Analysis (N1803), Energy Economics and Planning (N1804), Optimization Techniques and Applications (N1805), Biomass, Wind and Ocean Energy (N1806)	<b>Elective-IV</b> Waste Heat Recovery Systems (N1807), Design of Heat Transfer Equipment (N1808), Combustion, Emissions and Environment (N1809), Green Buildings (N1810)
<b>Mechanical Machine Design/Mechanical Engineering Design (15)/(14)</b>	Advanced Finite Element Methods (N1303)	Advanced Machine Design (N1501)	<b>Elective-III</b> Theory of Plasticity (N1502), Signal Analysis and Condition Monitoring (N1503), Computational Fluid Dynamics (N1504), Composite Materials (N1505), Soft Computing (N1506), Computer Aided Mechanical Design and Analysis (N1401)	<b>Elective-IV</b> Experimental Techniques and data analysis (N1507), Design with advanced Materials (N1508), Mechatronics (N1509), Tribology (N1510), Experimental Modal Analysis (N1511)



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<b>Mechanical CAD/CAM (04)</b>	Theory of Elasticity and Plasticity (N0901)	Advanced Manufacturing Processes (N0401)	<b>Elective-III</b> Advanced Finite Element Methods (N1303) Fracture mechanics (N0903) Product Design and Development (N0904)	<b>Elective-IV</b> Materials Characterization Techniques (N0905) Optimization & Reliability (N0906), Additive Manufacturing (N0907)
<b>Mechanical Advanced Manufacturing Systems (17)</b>	Simulation of Manufacturing Systems (N1701)	Computer Integrated Manufacturing (N1302)	<b>Elective-III</b> Finite Element Methods (N1303), Concurrent Engineering (N1304), MEMS & Micro systems (N1305)	<b>Elective-IV</b> Production and Operation Management (N1306), Advanced CNC Technologies (N1307), Supply Chain Management (N1308)
<b>Computer Aided Design &amp; Manufacturing (09)</b>	Theory of Elasticity and Plasticity (N0901)	Advanced Manufacturing Processes (N0902)	<b>Elective-III</b> Advanced Finite Element Methods (N1303), Fracture mechanics (N0903), Product Design and Development (N0904)	<b>Elective-IV</b> Materials Characterization Techniques (N0905), Optimization & Reliability (N0906), Additive Manufacturing (N0907)
<b>Mechanical Advanced Manufacturing and Mechanical System Design (13)</b>	Advanced Manufacturing Processes-II (N1301)	Computer Integrated Manufacturing (N1302)	<b>Elective – III</b> Finite Element Methods (N1303), Concurrent Engineering (M1304), MEMS & Micro systems (N1305)	<b>Elective – IV</b> Production and Operation Management (N1306), Advanced CNC Technologies (N1307), Supply Chain Management (N1308)



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<b>Automobile Engineering (AA)</b>	Vehicle Body Engineering (NAA01)	Vehicle Dynamics (NAA02)	<b>Elective III</b> Noise, Vibrations and Harshness (NAA03), Condition Monitoring (NAA04), Automotive Air-Conditioning Systems (NAA05), Automotive System Components Design (NAA06)	<b>Elective IV</b> Advanced Metal Forming (NAA07), Automotive Safety and Maintenance (NAA08), Advanced Finite Element Methods (N1303), Vehicle Control Systems (NAA09), Simulation of Vehicle Systems (NAA10)
<b>Mechanical Computer Aided Analysis &amp; Design (16)</b>	Optimization and Reliability (N0906)	Advanced Mechanisms (N1601)	<b>Elective III</b> Fracture mechanics (N0903), Advanced Finite Element Methods (N1303), Design for Manufacturing (N1602)	<b>Elective IV</b> Industrial Robotics (N1603), Tribology in Design (N1510), Rapid Prototyping & Tool Design (N1604)
<b>Mechanical Mining Engineering (BB)</b>	Mine Safety Management (NBB01)	Mine Ventilation and Planning (NBB02)	<b>Elective III</b> Surface Mine Environmental Engineering (NBB03), Mine System Engineering (NBB04), Sustainable Mining Industry (NBB05)	<b>Elective IV</b> Geo- Statistics (NBB06), Advance Underground Mine Planning and Design (NBB07), Numerical Methods in Geotechnical Engineering (NBB08)
<b>Petroleum Engineering (08)</b>	Artificial Lift Techniques. (N0801)	Reservoir Modeling & Simulation. (N0802)	<b>Elective III</b> Advanced EOR Techniques (N0803), Advanced well completions (N0804)	<b>Elective IV</b> Flow Assurance (N0805), Advanced horizontal well technology (N0806)

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<b>ECE</b> <b>VLSI&amp;EMBEDED SYSTEMS/ EMBEDED SYSTEMS &amp; VLSI /VLSID&amp;ES/ES&amp;VLSI ID (68,48,77,81)</b>	Analog and Digital CMOS VLSI Design (N6801)	Real Time Operating Systems (N5502)	<b>Elective-III</b> Memory Architectures (N5503)  SoC Design (N5504)  Low power VLSI Design (N6802)	<b>Elective-IV</b> Communication Buses and Interfaces (N5506) Network Security and Cryptography (N5507) Physical design automation (N5508)
<b>ECE</b> <b>VLSI/ VLSI Design/ VLSI System Design/ VLSI &amp; Micro Electronics (57,72,61,76)</b>	Mixed Signal & RF IC Design (N5701)	Physical Design Automation (N5508)	<b>Elective-III</b> Design For Testability (N5702), IOT & its Applications (N0601), VLSI Signal Processing (N5703)	<b>Elective-IV</b> Network Security & Cryptography (N5507), Microcontrollers & programmable Digital Signal Processors (N5704), Low Power VLSI Design (N5705)
<b>ECE</b> <b>Communication Engineering &amp; Signal Processing/ Communication &amp; Signal Processing (46,80)</b>	Pattern Recognition and Machine Learning (N4601)	Detection and Estimation Theory (N4602)	<b>Elective-III</b> IOT and Applications (N4603)  Wireless Sensors Networks (N4604)  Soft Computing Techniques (N4605)	<b>Elective-IV</b> Smart Antennas (N4606)  Biomedical Signal Processing (N4607)  Optical Networks (N4608)
<b>ECE</b> <b>Embedded Systems (55)</b>	Digital System Design (N5501)	Real Time Operating Systems (N5502)	<b>Elective-III</b> Memory Architectures (N5503)  SoC Design (N5504)  Sensors & Actuators (N5505)	<b>Elective-IV</b> Communication Buses and Interfaces (N5506) Network Security and Cryptography (N5507) Physical design automation (N5508)



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<b>ECE</b> <b>Digital Systems &amp; Computer Electronics (DSCE)</b> <b>(06)</b>	Internet Of Things & Applications (N0601)	DSP Processors & Architecture (N4706)	<b>Elective-III</b> System On Chip Design (N0602) Soft Computing Techniques (N4605) Cyber Security (N4704)	<b>Elective-IV</b> Embedded Real Time Operating Systems (N0603) High Speed Networks (N0604) EMI/EMC (N3703)
<b>ECE</b> <b>Digital Electronics &amp; Communication Engineering/Digital Electronics And Communication Systems/ Electronics &amp; Communication Engineering</b> <b>(37,38,70)</b>	Image and Video Processing (N4702)	Wireless Communications and Networks (N4701)	<b>Elective-III</b> CMOS Analog & Digital IC Design (N3701) Advanced Computer Architecture (N3702) Soft Computing Techniques (N4605)	<b>Elective-IV</b> DSP Processors and Architectures (N4706) EMI/ EMC (N3703) Object Oriented Programming (N3704)
<b>ECE</b> <b>Communication Systems</b> <b>(47)</b>	Wireless Communications and Networks (N4701)	Image and Video Processing (N4702)	<b>Elective-III</b> Soft Computing Techniques (N4605), Internet Protocols (N4703), Cyber Security (N4704)	<b>Elective-IV</b> Optical Networks (N4705), DSP Processors and Architectures (N4706), Radio and Navigational Aids (N4707)



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<b>ECE</b> <b>System Signal Processing/Digital Image Processing (45,63)</b>	Pattern Recognition and Machine Learning (N4601)	Detection and Estimation Theory (N4602)	<b>Elective-III</b> IOT and Applications (N4603)  Wireless Sensors Networks (N4604)  Soft Computing Techniques (N4605)	<b>Elective-IV</b> Audio/Vedio coding and compression (N4501)  Biomedical Signal Processing (N4607)  Optical Networks (N4608)

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<p align="center"><b>EEE</b></p> <p align="center">Power Systems/ Power System Control and Automation/ Electrical Power Engineering/Electrical Power Systems/Power System Engineering/PS &amp; C/Advanced Power System (50)/Power Engineering &amp; Energy/Systems/ Power System Auto Machine</p> <p align="center">(56,53,50,60,65,30,31,66)</p>	Power System Dynamics and Stability (N9904)	Real Time Control of Power Systems (N9901)	<p align="center"><b>Elective-III</b></p> <p align="center">EHVAC Transmission (N6207)</p> <p align="center">Flexible AC Transmission Systems (N6206)</p> <p align="center">Hybrid Electric Vehicles (N4304)</p>	<p align="center"><b>Elective-IV</b></p> <p align="center">Generation &amp; Measurement of High Voltages (N5601)</p> <p align="center">Evolutionary Algorithms and Applications (N5602)</p> <p align="center">Programmable Logic Controllers &amp; Applications (N5603)</p>
<p align="center"><b>EEE</b></p> <p align="center">Power Electronics/ Power and Industrial Drives/ Power Electronics and Electrical Drives/ Power Electronics and Drives/ Electrical Machines and Drives/Power Electronics &amp; Systems</p> <p align="center">(43,42,54,52,44,12)</p>	Switched Mode Power Conversion (N4301)	Power Electronic Control of Electrical Drives (N4302)	<p align="center"><b>Elective-III</b></p> <p align="center">Control &amp; Integration of Renewable Energy Systems (N4303)</p> <p align="center">Hybrid Electric Vehicles (N4304)</p> <p align="center">Digital Control Systems (N4305)</p>	<p align="center"><b>Elective-IV</b></p> <p align="center">Advanced Digital Signal Processing (N9503)</p> <p align="center">Applications of Power Converters (N4306)</p> <p align="center">Microcontrollers (N4307)</p>
<p align="center"><b>EEE</b></p> <p align="center"><b>Power Electronics &amp; Power Systems</b></p> <p align="center">(99)</p>	Switched Mode Power Conversion (N4301)	Real Time Control of Power Systems (N9901)	<p align="center"><b>Elective-III</b></p> <p align="center">Electrical Machine Modeling &amp; Analysis (N9902), DSP Controlled Drives (N9903), Application of Power Converters (N4306)</p>	<p align="center"><b>Elective-IV</b></p> <p align="center">EHVAC Transmission (N6207), Flexible AC Transmission Systems (N6206), Power System Dynamics &amp; Stability (N9904)</p>



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<b>EEE</b> <b>High Voltage Engineering/ Power Systems with Emphasis on High Voltage Engineering (62,29)</b>	High Voltage Testing Techniques (N6201)	Surge Phenomenon & Insulation Coordination (N6202)	<b>Elective-III</b> Partial Discharge in HV Equipment (N6203), Gas Insulated Systems and Substations (N6204), Pulse Power Engineering (N6205)	<b>Elective-IV</b> Flexible AC Transmission Systems (N6206), EHVAC Transmission (N6207), Smart Grid Technologies (N6208)
<b>EEE</b> <b>Control Systems/Control Engineering (95,28)</b>	Non-Linear Systems Analysis (N9501)	Optimal Control Theory (N9502)	<b>Elective-III</b> Digital Signal Processing (N9503), Robotics and Control (N9504), Large scale systems (N9505)	<b>Elective-IV</b> Process Control and Automation (N9506), Decision and Estimation Theory (N9507), Embedded Computer Control (N9508)
<b>EEE</b> <b>High Voltage Power Systems Engineering (64)</b>	High Voltage Testing Techniques (N6201)	Surge Phenomenon & Insulation Coordination (N6202)	<b>Elective-III</b> Partial Discharge in HV Equipment (N6203), Gas Insulated Systems and Substations (N6204), Pulse Power Engineering (N6205)	<b>Elective-IV</b> Flexible AC Transmission Systems (N6206), EHVAC Transmission (N6207), Smart Grid Technologies (N6208)

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