



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR**  
ANANTHAPURAMU - 515 002 (A.P.) - INDIA.

**Examinations Branch**

**B. Tech. IV Year II semester (R15) Advanced Supplementary July 2019 Examinations**

**Time : 02:00 PM to 05:00 PM**

| Date / Day              | Computer Science & Engineering (CSE)                                      | Information Technology (IT) | Civil Engineering (CE)                                   | Electrical & Electronics Engineering (EEE)  | Electronics & Communication Engineering (ECE)                      | Electronics & Instrumentation Engineering (EIE) | Mechanical Engineering (ME)               |
|-------------------------|---------------------------------------------------------------------------|-----------------------------|----------------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------|-------------------------------------------|
| 08.07.2019<br>Monday    | Data Analytics<br>15A05801<br>(Common to CSE & IT)                        |                             | Urban Transportation Planning<br>15A01801                | Instrumentation<br>15A02801                 | Advanced Digital Signal Processing-Multirate & Wavelet<br>15A04801 | Digital Image Processing<br>15A10801            | Industrial Engineering<br>15A03801        |
|                         | Mobile Computing<br>15A05802<br>(Common to CSE & IT)                      |                             |                                                          | Power System Dynamics & Control<br>15A02802 |                                                                    |                                                 | Product Design<br>15A03802                |
|                         | Innovations and IT Management<br>15A05803<br>(Common to CSE & IT)         |                             | Advanced Structural Engineering<br>15A01802              | Industrial Automation & Control<br>15A02803 | Low Power VLSI Circuits & Systems<br>15A04802                      | MEMS and its Applications<br>15A10802           | Composite Materials<br>15A03803           |
|                         | Building Large Scale Software Systems<br>15A05804<br>(Common to CSE & IT) |                             | Prestressed Concrete<br>15A01803                         | HVDC Transmission<br>15A02804               | Pattern Recognition & Applications<br>15A04803                     | Mechatronics for Instrumentation<br>15A10803    | Power Plant Engineering<br>15A03804       |
| 10.07.2019<br>Wednesday | Enabling Technologies for Data Science Analytics: IoT<br>15A05805         | R-Programming<br>15A05507   |                                                          |                                             |                                                                    |                                                 |                                           |
|                         | Cyber Security<br>15A05806<br>(Common to CSE & IT)                        |                             | Environmental Impact Assessment & Management<br>15A01804 | Embedded Systems<br>15A04702                | RF Integrated Circuits<br>15A04804                                 | JAVA Programming<br>15A10804                    | Gas Turbines & Jet Propulsion<br>15A03805 |
|                         |                                                                           |                             |                                                          | Energy Resources & Technology<br>15A02805   |                                                                    |                                                 | Energy Management<br>15A03806             |

**Note:** (i) Any omissions or clashes in this time table may please be informed to the undersigned immediately.  
(ii) If any discrepancies are found, the same may be informed to the undersigned immediately.

**Notification Date: 14-06-2019**

**Controller of Examinations (UG)**



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**Examinations Branch**

**B. Tech. IV Year II Semester (R13) Advanced Supplementary July 2019 Examinations**  
**Timetable**

Time: 02:00 PM to 05:00 PM

| Date / Day                      | Civil Engineering<br>(CE)                                      | Computer Science &<br>Engineering<br>(CSE)                        | Information<br>Technology<br>(IT)                                                         | Mechanical<br>Engineering<br>(ME)                                             | Electrical & Electronics<br>Engineering<br>(EEE)                                            | Electronics &<br>Communication<br>Engineering<br>(ECE)                     | Electronics &<br>Instrumentation<br>Engineering<br>(EIE) |
|---------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------|
| <b>08.07.2019<br/>Monday</b>    | Urban Transportation<br>Planning<br>13A01801                   | Mobile Computing<br>13A05801<br>(Common to CSE & IT)              | Natural Language Processing<br>13A05802<br>(Common to CSE & IT)                           | Industrial Engineering<br>13A03801                                            | Instrumentation<br>13A02801                                                                 | Adaptive Signal<br>Processing<br>13A04801                                  | Digital Image<br>Processing<br>13A04704                  |
|                                 | Environmental Impact<br>Assessment &<br>Management<br>13A01802 |                                                                   |                                                                                           | Entrepreneurship<br>13A03802<br>Composite Materials<br>13A03803               | Power System Dynamics &<br>Control<br>13A02802                                              | Advanced 3G & 4G<br>Wireless<br>Communication<br>13A04802                  | MEMS & its<br>Applications<br>13A10801                   |
| <b>10.07.2019<br/>Wednesday</b> | Remote Sensing & GIS<br>13A01803                               | Real Time Systems<br>13A05804<br>(Common to CSE & IT)             | Real Time Systems<br>13A05804<br>(Common to CSE & IT)                                     | Power Plant<br>Engineering<br>13A03804                                        | HVDC Transmission<br>13A02803                                                               | Advanced Digital<br>Signal Processing -<br>Multirate & Wavelet<br>13A04803 | Artificial<br>Intelligence<br>13A05707                   |
|                                 | Advanced Structural<br>Engineering<br>13A01804                 |                                                                   | Social Network<br>Analysis<br>13A12801<br>Information Storage<br>& Management<br>13A12802 | Gas Turbines & Jet<br>Propulsion<br>13A03805<br>Energy Management<br>13A03806 | Energy Resources &<br>Technology<br>13A02804<br>Design of Electrical<br>Systems<br>13A02805 | RF integrated<br>Circuits<br>13A04804                                      | Java Programming<br>13A05403                             |
| <b>12.07.2019<br/>Friday</b>    | Pre Stressed Concrete<br>13A01805                              | High Performance<br>Computing<br>13A05805<br>(Common to CSE & IT) | Bio-Metrics<br>13A12803                                                                   | Modern Manufacturing<br>Methods<br>13A03807                                   | Embedded Systems<br>13A04703                                                                | Pattern Recognition &<br>Application<br>13A04805                           | Robotics<br>13A10802                                     |
|                                 | Cost Effective Housing<br>Techniques<br>13A01806               |                                                                   | High Performance<br>Computing<br>13A05805<br>Cyber Security<br>13A12804                   | Rapid Proto Typing<br>13A03808<br>Product Design<br>13A03809                  | Industrial Automation &<br>Control<br>13A02806                                              | Linux Programming &<br>Scripting<br>13A04806                               | Neural Networks &<br>Fuzzy Logic<br>13A02605             |
| <b>15.07.2019<br/>Monday</b>    | -                                                              | Parallel Algorithms<br>13A05803<br>(Common to CSE & IT)           |                                                                                           | -                                                                             | -                                                                                           | -                                                                          | -                                                        |

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**EXAMINATIONS BRANCH**

**B.Tech. IV Year II Semester (R09) Advanced Supplementary July 2019 Examinations**

**Timetable**

**Time : 02:00 PM to 05:00 PM**

| Date / Day              | Aeronautical Engineering<br>(AE)                                                                                                | Civil Engineering<br>(CE)                                                                                                                                       | Mechanical Engineering<br>(ME)                                                                                                                       | Mechatronics<br>(MCT)                                                                                                                                   | Biotechnology<br>(BT)                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08.07.2019<br>Monday    | Aircraft Instrumentation &<br>Control Systems<br>9A21801                                                                        | Advanced Structural<br>Engineering<br>9A01801                                                                                                                   | Production & Operations<br>Management<br>9A03801                                                                                                     | Operations Research<br>9A03701                                                                                                                          | Bioethics, Biosafety &<br>Intellectual Property Rights<br>9A23801                                                                                             |
| 10.07.2019<br>Wednesday | Aerospace Transportation<br>Systems<br>9A21802                                                                                  | Design & Drawing of Irrigation<br>Structures<br>9A01802                                                                                                         | Energy Systems<br>9A03802                                                                                                                            | ELECTIVE - IV<br>Entrepreneurship<br>9A03705<br>Microcontroller Applications<br>9A14803<br>Digital Image Processing<br>9A04802<br>(Common to MCT & ECE) | Bioprocess Economics & Plant<br>Design<br>9A23802                                                                                                             |
| 12.07.2019<br>Friday    | ELECTIVE - III<br>System Modeling &<br>Simulation<br>9A21803<br>Helicopter Engineering<br>9A21804<br>Space Mechanics<br>9A21805 | ELECTIVE - III<br>Advanced Foundation<br>Engineering<br>9A01803<br>Ground Improvement<br>Techniques<br>9A01804<br>Remote Sensing & GIS<br>9A01805               | ELECTIVE - III<br>Total Quality Management<br>9A03803<br>Mechanical Vibrations<br>9A03804<br>Gas Turbines & Jet Propulsion<br>9A03805                | ELECTIVE - III<br>Flexible Manufacturing<br>Systems<br>9A14801<br>System Simulation<br>9A14802<br>Tool Design<br>9A03709                                | ELECTIVE - III<br>Food Science &<br>Technology<br>9A23803<br>Molecular Modeling &<br>Drug Design<br>9A23804<br>Animal Cell Science &<br>Technology<br>9A23805 |
| 15.07.2019<br>Monday    | ELECTIVE - IV<br>Aircraft Maintenance<br>Management<br>9A21806<br>Heat Transfer<br>9A03505<br>Aero Elasticity<br>9A21807        | ELECTIVE - IV<br>Experimental Stress<br>Analysis<br>9A01806<br>Prestressed Concrete<br>9A01807<br>Environmental Impact<br>Assessment &<br>Management<br>9A01808 | ELECTIVE - IV<br>Geometric Modeling<br>9A03806<br>Composite Materials<br>9A03807<br>Professional Ethics &<br>Intellectual Property Rights<br>9A03808 | Electronic Measurements &<br>Instrumentation<br>9A04604                                                                                                 | ELECTIVE - IV<br>Biopharmaceutical<br>Technology<br>9A23806<br>Phytochemicals & Herbal<br>Medicine<br>9A23807<br>Bioprocess Optimization<br>9A23808           |



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**EXAMINATIONS BRANCH**

**B. Tech. IV Year II Semester (R09) Advanced Supplementary July 2019 Examinations**

**Timetable**

**Time : 02:00 PM to 05:00 PM**

| Date / Day              | Electrical & Electronics Engineering (EEE)                                                                                                                                               | Electronics & Communication Engineering (ECE)                                                                                                                                                             | Electronics & Control Engineering (E.Con.E)                                                                                                                                                     | Electronics & Instrumentation Engineering (EIE)                                                                                                                                                                                                                       | Electronics & Computer Engineering (ECC)                                                                                                                                                                                                                                                                             |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08.07.2019<br>Monday    | Principles of Power Quality<br>9A02801                                                                                                                                                   | Cellular & Mobile Communications<br>9A04801                                                                                                                                                               | Artificial Neural Networks<br>9A10805<br>(Common to E.Con.E & EIE)                                                                                                                              | <div>ELECTIVE - IV</div> <div>DSP Processors &amp; Architectures<br/>9A04704</div> <div>Artificial Neural Networks<br/>9A10805<br/>(Common to E.Con.E &amp; EIE)</div> <div>Digital Control Systems<br/>9A13501</div>                                                 | Advanced Computer Architecture<br>9A05704                                                                                                                                                                                                                                                                            |
| 10.07.2019<br>Wednesday | Utilization of Electrical Energy<br>9A02802                                                                                                                                              | Digital Image Processing<br>9A04802<br>(Common to MCT & ECE)                                                                                                                                              | Adaptive Control Systems<br>9A13801                                                                                                                                                             | PC Based Instrumentation<br>9A10801                                                                                                                                                                                                                                   | VLSI Design<br>9A04605                                                                                                                                                                                                                                                                                               |
| 12.07.2019<br>Friday    | <div>ELECTIVE - III</div> <div>Modern Control Theory<br/>9A02803</div> <div>Special Electrical Machines<br/>9A02804</div> <div>PLC &amp; DCS - Its Applications<br/>9A02805</div>        | <div>ELECTIVE - III</div> <div>Satellite Communications<br/>9A04803</div> <div>Spread Spectrum Communications<br/>9A04804</div> <div>Information Security<br/>9A05709<br/>(Common to ECE &amp; ECC)</div> | <div>ELECTIVE - III</div> <div>Telemetry &amp; Telecontrol<br/>9A13802<br/>(Common to E.Con.E &amp; EIE)</div> <div>Virtual Instrumentation<br/>9A10803<br/>(Common to E.Con.E &amp; EIE)</div> | <div>ELECTIVE - III</div> <div>Telemetry &amp; Telecontrol<br/>9A13802<br/>(Common to E.Con.E &amp; EIE)</div> <div>Opto - Electronics &amp; Laser Instrumentation<br/>9A10804</div> <div>Virtual Instrumentation<br/>9A10803<br/>(Common to E.Con.E &amp; EIE)</div> | <div>ELECTIVE - III</div> <div>Client Server Computing<br/>9A19801</div> <div>Information Security<br/>9A05709<br/>(Common to ECE &amp; ECC)</div> <div>Digital Design Through Verilog HDL<br/>9A04706</div> <div>Fault Tolerant Systems<br/>9A19802</div> <div>Data Warehousing &amp; Data Mining<br/>9A05706</div> |
| 15.07.2019<br>Monday    | <div>ELECTIVE - IV</div> <div>Embedded Systems<br/>9A02806</div> <div>Design of Electrical Systems<br/>9A02807</div> <div>Energy Auditing &amp; Demand Side Management<br/>9A02808</div> | <div>ELECTIVE - IV</div> <div>Adaptive Filter Theory<br/>9A04805</div> <div>Data Communications<br/>9A04807<br/>(Common to ECE &amp; E.Con.E)</div>                                                       | <div>ELECTIVE - IV</div> <div>Database Management Systems<br/>9A05401</div> <div>Data Communications<br/>9A04807<br/>(Common to ECE &amp; E.Con.E)</div>                                        | -                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                      |
| 17.07.2019<br>Wednesday | -                                                                                                                                                                                        | Wireless Communications & Networks<br>9A04806<br>(Common to ECE & ECC)                                                                                                                                    | Biomedical Instrumentation<br>9A10802<br>(Common to E.Con.E & EIE)                                                                                                                              | Biomedical Instrumentation<br>9A10802<br>(Common to E.Con.E & EIE)                                                                                                                                                                                                    | Wireless Communications & Networks<br>9A04806<br>(Common to ECE & ECC)                                                                                                                                                                                                                                               |

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**Timetable**

**Time: 02:00 PM to 05:00 PM**

| Date / Day              | Computer Science & Engineering<br>(CSE)                                                                                                                          | Information Technology<br>(IT)                                                                                                                                | Computer Science & Systems Engineering<br>(CSSE)                                                                                                             |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08.07.2019<br>Monday    |                                                                                                                                                                  | Management Science<br>9AH5701<br>(Common to CSE, IT & CSSE)                                                                                                   |                                                                                                                                                              |
| 10.07.2019<br>Wednesday | Design Patterns<br>9A05801<br>(Common to CSE, IT & CSSE)                                                                                                         | Design Patterns<br>9A05801<br>(Common to CSE, IT & CSSE)                                                                                                      | ELECTIVE - IV<br>Design Patterns<br>9A05801<br>(Common to CSE, IT & CSSE)<br>Software Project Management<br>9A05707                                          |
| 12.07.2019<br>Friday    | ELECTIVE - IV<br>Wireless Sensor Networks<br>9A05807<br>(Common to CSE, IT & CSSE)<br>Storage Area networks<br>9A05805<br>Internetworking with TCP/IP<br>9A05806 | ELECTIVE - III<br>Wireless Sensor Networks<br>9A05807<br>(Common to CSE, IT & CSSE)<br>E-Commerce<br>9A12801<br>Enterprise Application Integration<br>9A12802 | ELECTIVE - III<br>Wireless Sensor Networks<br>9A05807<br>(Common to CSE, IT & CSSE)<br>High Speed Networks<br>9A15801<br>Grid & Cluster Computing<br>9A05703 |
| 15.07.2019<br>Monday    | ELECTIVE - III<br>Web Services<br>9A05803<br>Semantic Web<br>9A05804                                                                                             | ELECTIVE - IV<br>Device Driver Development<br>9A12803<br>Cloud Computing<br>9A12804<br>Decision Support Systems<br>9A12805                                    | Software Testing<br>9A05702                                                                                                                                  |
| 17.07.2019<br>Wednesday | ELECTIVE - III<br>Service Oriented Architecture<br>9A05802<br>(Common to CSE & CSSE)                                                                             |                                                                                                                                                               | ELECTIVE - IV<br>Service Oriented Architecture<br>9A05802<br>(Common to CSE & CSSE)                                                                          |

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