



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY GURAJADA VIZIANAGARAM**  
**JNTUGV- UNIVERSITY EXAMINATION SECTION**

| IV B.Tech II Semester R19 Regular Revaluation/Recounting results |                |          |  |         |       |    |           |
|--|----------------|----------|--|---------|-------|----|-----------|
| S.NO   | Hall Ticket No | Sub Code | Sub Name                               | Credits | Grade | GP | Status    |
| 1.   | 19521A0406     | R194204B | VLSI TESTING & TESTABILITY             | 0       | F     | 0  | No Change |
| 2.   | 19521A0412     | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3       | C     | 6  | Change    |
| 3.   | 19521A0413     | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3       | D     | 5  | Change    |
| 4.   | 19521A0417     | R194204B | VLSI TESTING & TESTABILITY             | 0       | F     | 0  | No Change |
| 5.   | 196B1A0105     | R194201D | ROAD SAFETY ENGINEERING                | 3       | C     | 6  | Change    |
| 6.   | 196B1A0107     | R194201I | GROUND IMPROVEMENT TECHNIQUES          | 3       | C     | 6  | Change    |
| 7.   | 196B1A0107     | R194201D | ROAD SAFETY ENGINEERING                | 0       | F     | 0  | No Change |
| 8.   | 196B1A0307     | R194203H | NON DESTRUCTIVE EVALUATION             | 0       | F     | 0  | No Change |
| 9.   | 196B1A0402     | R194204A | WIRELESS COMMUNICATION                 | 0       | F     | 0  | No Change |
| 10.  | 196B1A0404     | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3       | D     | 5  | Change    |
| 11.  | 196B1A0409     | R194204A | WIRELESS COMMUNICATION                 | 0       | F     | 0  | No Change |
| 12.  | 196B1A0410     | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3       | C     | 6  | Change    |
| 13.  | 196B1A0411     | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3       | C     | 6  | Change    |
| 14.  | 196B1A0413     | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3       | C     | 6  | Change    |
| 15.  | 196B1A0414     | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3       | D     | 5  | Change    |
| 16.  | 196B1A0417     | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3       | C     | 6  | Change    |
| 17.  | 196B1A0420     | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3       | C     | 6  | Change    |
| 18.  | 196B1A0421     | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3       | C     | 6  | Change    |
| 19.  | 196F1A0404     | R194204A | WIRELESS COMMUNICATION                 | 0       | F     | 0  | No Change |
| 20.  | 196G1A0512     | R194205A | DEEP LEARNING                          | 0       | F     | 0  | No Change |
| 21.  | 196G1A0512     | R194203R | ENTREPRENEURSHIP                       | 0       | F     | 0  | No Change |
| 22.  | 19811A0314     | R194203A | ADDITIVE MANUFACTURING                 | 3       | D     | 5  | Change    |
| 23.  | 19811A0596     | R1942051 | MANAGEMENT AND ORGANIZATIONAL BEHAVIOR | 3       | C     | 6  | Change    |
| 24.  | 19991A0333     | R194203O | MECHATRONICS                           | 3       | D     | 5  | Change    |
| 25.  | 19991A0333     | R194203S | ADVANCED MATERIALS                     | 0       | F     | 0  | No Change |
| 26.  | 19991A0401     | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3       | D     | 5  | Change    |
| 27.  | 19991A0406     | R194204A | WIRELESS COMMUNICATION                 | 0       | F     | 0  | No Change |
| 28.  | 19991A0411     | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3       | D     | 5  | Change    |

|     |            |          |                                 |   |   |   |           |
|-----|------------|----------|---------------------------------|---|---|---|-----------|
| 29. | 19991A0501 | R194205C | DEVOPS                          | 0 | F | 0 | No Change |
| 30. | 19991A0509 | R194205C | DEVOPS                          | 3 | C | 6 | Change    |
| 31. | 19991A0517 | R194205C | DEVOPS                          | 3 | B | 7 | Change    |
| 32. | 19991A0520 | R194205C | DEVOPS                          | 3 | C | 6 | Change    |
| 33. | 19991A0523 | R194205C | DEVOPS                          | 0 | F | 0 | No Change |
| 34. | 19991A0529 | R194205C | DEVOPS                          | 3 | D | 5 | Change    |
| 35. | 19991A0534 | R194205C | DEVOPS                          | 3 | C | 6 | Change    |
| 36. | 19991A0549 | R194205C | DEVOPS                          | 3 | D | 5 | Change    |
| 37. | 19991A0555 | R194205C | DEVOPS                          | 3 | C | 6 | Change    |
| 38. | 19991A0557 | R194205C | DEVOPS                          | 0 | F | 0 | No Change |
| 39. | 19991A0558 | R194205C | DEVOPS                          | 3 | D | 5 | Change    |
| 40. | 19991A0559 | R194205C | DEVOPS                          | 3 | C | 6 | Change    |
| 41. | 19991A0560 | R194205C | DEVOPS                          | 3 | D | 5 | Change    |
| 42. | 19991A0562 | R194205C | DEVOPS                          | 0 | F | 0 | No Change |
| 43. | 19B41A0410 | R194204G | CYBER SECURITY & CRYPTOGRAPHY   | 3 | B | 7 | Change    |
| 44. | 19B41A0523 | R194205E | BIG DATA ANALYTICS              | 0 | F | 0 | No Change |
| 45. | 19B61A0304 | R194203A | ADDITIVE MANUFACTURING          | 3 | D | 5 | Change    |
| 46. | 19B61A0412 | R194204G | CYBER SECURITY & CRYPTOGRAPHY   | 3 | D | 5 | Change    |
| 47. | 19B61A0418 | R194204G | CYBER SECURITY & CRYPTOGRAPHY   | 3 | C | 6 | Change    |
| 48. | 19HQ1A0102 | R194201I | GROUND IMPROVEMENT TECHNIQUES   | 0 | F | 0 | No Change |
| 49. | 19HQ1A0206 | R194202A | ELECTRICAL DISTRIBUTION SYSTEMS | 0 | F | 0 | No Change |
| 50. | 19HQ1A0206 | R194205I | PROBLEM SOLVING USING PYTHON    | 0 | F | 0 | No Change |
| 51. | 19HQ1A0316 | R194203S | ADVANCED MATERIALS              | 3 | C | 6 | Change    |
| 52. | 19HQ1A0323 | R194203S | ADVANCED MATERIALS              | 3 | C | 6 | Change    |
| 53. | 19HQ1A0401 | R194204A | WIRELESSCOMMUNICATION           | 0 | F | 0 | No Change |
| 54. | 19HQ1A0442 | R194204G | CYBER SECURITY & CRYPTOGRAPHY   | 3 | D | 5 | Change    |
| 55. | 19HQ1A0443 | R194204G | CYBER SECURITY & CRYPTOGRAPHY   | 3 | C | 6 | Change    |
| 56. | 19HQ1A0485 | R194204G | CYBER SECURITY & CRYPTOGRAPHY   | 0 | F | 0 | No Change |
| 57. | 19L61A0402 | R194204G | CYBER SECURITY & CRYPTOGRAPHY   | 3 | C | 6 | Change    |
| 58. | 19L61A0405 | R194204G | CYBER SECURITY & CRYPTOGRAPHY   | 3 | C | 6 | Change    |
| 59. | 19L61A0406 | R194204G | CYBER SECURITY & CRYPTOGRAPHY   | 3 | C | 6 | Change    |
| 60. | 19MT1A0126 | R194201D | ROAD SAFETY ENGINEERING         | 3 | D | 5 | Change    |
| 61. | 19MT1A0130 | R194201D | ROAD SAFETY ENGINEERING         | 3 | C | 6 | Change    |

|     |            |          |  |   |   |   |           |
|-----|------------|----------|--|---|---|---|-----------|
| 62. | 19MT1A0214 | R194203K | GREEN ENERGY SYSTEMS                   | 3 | C | 6 | Change    |
| 63. | 19MT1A0404 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | D | 5 | Change    |
| 64. | 19MT1A0439 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 0 | F | 0 | No Change |
| 65. | 19MT1A0441 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | C | 6 | Change    |
| 66. | 19NM1A0204 | R1942021 | POWER SYSTEM OPERATION & CONTROL       | 0 | F | 0 | No Change |
| 67. | 19NM1A0214 | R1942021 | POWER SYSTEM OPERATION & CONTROL       | 3 | D | 5 | Change    |
| 68. | 19NM1A0216 | R1942021 | POWER SYSTEM OPERATION & CONTROL       | 3 | D | 5 | Change    |
| 69. | 19NM1A0470 | R194204A | WIRELESSCOMMUNICATION                  | 0 | F | 0 | No Change |
| 70. | 19NM1A04B0 | R194204A | WIRELESSCOMMUNICATION                  | 0 | F | 0 | No Change |
| 71. | 19NM1A04B3 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | D | 5 | Change    |
| 72. | 19NM1A04B6 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | D | 5 | No Change |
| 73. | 19NM1A04B6 | R194204A | WIRELESSCOMMUNICATION                  | 3 | C | 6 | Change    |
| 74. | 19NM1A04C2 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | D | 5 | Change    |
| 75. | 19NM1A04C5 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | D | 5 | Change    |
| 76. | 19NM1A04C9 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | D | 5 | Change    |
| 77. | 19NM1A04D2 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | B | 7 | Change    |
| 78. | 19NM1A04D3 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | D | 5 | Change    |
| 79. | 19NM1A04D4 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | D | 5 | Change    |
| 80. | 19NM1A04D7 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | C | 6 | Change    |
| 81. | 19NM1A04D8 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | D | 5 | Change    |
| 82. | 19NM1A04E0 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | D | 5 | Change    |
| 83. | 19NM1A04E1 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | D | 5 | Change    |
| 84. | 19NM1A04E2 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | D | 5 | Change    |
| 85. | 19NM1A04E2 | R194204A | WIRELESSCOMMUNICATION                  | 3 | C | 6 | No Change |
| 86. | 19NM1A04E3 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | D | 5 | Change    |
| 87. | 19NM1A04E7 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | C | 6 | Change    |
| 88. | 19NM1A04F2 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | D | 5 | Change    |
| 89. | 19NM1A0537 | R194203R | ENTREPRENEURSHIP                       | 3 | B | 7 | Change    |
| 90. | 19NM1A05B5 | R1942051 | MANAGEMENT AND ORGANIZATIONAL BEHAVIOR | 3 | B | 7 | Change    |
| 91. | 19NM1A1204 | R1942051 | MANAGEMENT AND ORGANIZATIONAL BEHAVIOR | 3 | A | 8 | No Change |
| 92. | 19NM1A1204 | R194203R | ENTREPRENEURSHIP                       | 3 | B | 7 | Change    |

|      |            |          |                               |   |   |   |           |
|------|------------|----------|-------------------------------|---|---|---|-----------|
| 93.  | 19NM1A1204 | R194212A | SOFTWARE PROJECT MANAGEMENT   | 3 | B | 7 | Change    |
| 94.  | 19NM1A1222 | R194212A | SOFTWARE PROJECT MANAGEMENT   | 0 | F | 0 | No Change |
| 95.  | 19NR1A0114 | R194201D | ROAD SAFETY ENGINEERING       | 3 | D | 5 | Change    |
| 96.  | 19NR1A0115 | R194201I | GROUND IMPROVEMENT TECHNIQUES | 3 | D | 5 | Change    |
| 97.  | 19NR1A0127 | R194201D | ROAD SAFETY ENGINEERING       | 3 | D | 5 | Change    |
| 98.  | 19NR1A0407 | R194204A | WIRELESSCOMMUNICATION         | 0 | F | 0 | No Change |
| 99.  | 19NR1A0415 | R194204G | CYBER SECURITY & CRYPTOGRAPHY | 0 | F | 0 | No Change |
| 100. | 19NR1A0437 | R194204G | CYBER SECURITY & CRYPTOGRAPHY | 0 | F | 0 | No Change |
| 101. | 19NR1A0444 | R194204G | CYBER SECURITY & CRYPTOGRAPHY | 3 | C | 6 | Change    |
| 102. | 19NR1A0447 | R194204G | CYBER SECURITY & CRYPTOGRAPHY | 3 | C | 6 | Change    |
| 103. | 19NR1A0448 | R194204G | CYBER SECURITY & CRYPTOGRAPHY | 3 | D | 5 | Change    |
| 104. | 19NR1A0458 | R194204G | CYBER SECURITY & CRYPTOGRAPHY | 0 | F | 0 | No Change |
| 105. | 19NR1A0460 | R194204G | CYBER SECURITY & CRYPTOGRAPHY | 0 | F | 0 | No Change |
| 106. | 19NR1A0463 | R194204G | CYBER SECURITY & CRYPTOGRAPHY | 3 | D | 5 | Change    |
| 107. | 19NR1A0464 | R194204G | CYBER SECURITY & CRYPTOGRAPHY | 3 | D | 5 | Change    |
| 108. | 19NR1A0465 | R194204G | CYBER SECURITY & CRYPTOGRAPHY | 3 | D | 5 | Change    |
| 109. | 19NR1A0466 | R194204G | CYBER SECURITY & CRYPTOGRAPHY | 3 | D | 5 | Change    |
| 110. | 19NR1A0467 | R194204G | CYBER SECURITY & CRYPTOGRAPHY | 3 | C | 6 | Change    |
| 111. | 19NR1A0468 | R194204G | CYBER SECURITY & CRYPTOGRAPHY | 3 | C | 6 | Change    |
| 112. | 19NR1A0469 | R194204G | CYBER SECURITY & CRYPTOGRAPHY | 3 | D | 5 | Change    |
| 113. | 19NR1A0474 | R194204G | CYBER SECURITY & CRYPTOGRAPHY | 3 | D | 5 | Change    |
| 114. | 19NR1A0475 | R194204G | CYBER SECURITY & CRYPTOGRAPHY | 3 | D | 5 | Change    |
| 115. | 19NR1A0478 | R194204G | CYBER SECURITY & CRYPTOGRAPHY | 3 | D | 5 | Change    |
| 116. | 19NR1A0480 | R194204G | CYBER SECURITY & CRYPTOGRAPHY | 3 | C | 6 | Change    |
| 117. | 19NR1A0482 | R194204G | CYBER SECURITY & CRYPTOGRAPHY | 3 | D | 5 | Change    |
| 118. | 19NR1A0516 | R194205C | DEVOPS                        | 3 | D | 5 | Change    |
| 119. | 19NR1A0525 | R194205C | DEVOPS                        | 3 | C | 6 | Change    |
| 120. | 19NR1A0526 | R194205C | DEVOPS                        | 3 | D | 5 | Change    |
| 121. | 19NR1A0537 | R194205C | DEVOPS                        | 3 | C | 6 | Change    |
| 122. | 19NR1A0538 | R194205C | DEVOPS                        | 3 | C | 6 | Change    |
| 123. | 19NR1A0542 | R194205C | DEVOPS                        | 3 | C | 6 | Change    |
| 124. | 19NR1A0568 | R194205C | DEVOPS                        | 3 | C | 6 | Change    |
| 125. | 19NR1A0578 | R194205C | DEVOPS                        | 3 | C | 6 | No Change |

|      |            |          |                                   |   |   |   |           |
|------|------------|----------|-----------------------------------|---|---|---|-----------|
| 126. | 19NR1A0587 | R194205C | DEVOPS                            | 3 | C | 6 | Change    |
| 127. | 19NR1A05B4 | R194205C | DEVOPS                            | 3 | C | 6 | Change    |
| 128. | 19NU1A0101 | R194201D | ROAD SAFETY ENGINEERING           | 3 | D | 5 | Change    |
| 129. | 19NU1A0203 | R194202B | HVAC & DC TRANSMISSION            | 0 | F | 0 | No Change |
| 130. | 19NU1A0208 | R194202B | HVAC & DC TRANSMISSION            | 3 | D | 5 | Change    |
| 131. | 19NU1A0211 | R194201N | ENVIRONMENTAL POLLUTION & CONTROL | 3 | D | 5 | Change    |
| 132. | 19NU1A0213 | R194202B | HVAC & DC TRANSMISSION            | 3 | D | 5 | Change    |
| 133. | 19NU1A0329 | R194203H | NON DESTRUCTIVE EVALUATION        | 0 | F | 0 | No Change |
| 134. | 19NU1A0402 | R194204G | CYBER SECURITY & CRYPTOGRAPHY     | 0 | F | 0 | No Change |
| 135. | 19NU1A0402 | R194204B | VLSI TESTING & TESTABILITY        | 0 | F | 0 | No Change |
| 136. | 19NU1A0403 | R194204B | VLSI TESTING & TESTABILITY        | 0 | F | 0 | No Change |
| 137. | 19NU1A0403 | R194204G | CYBER SECURITY & CRYPTOGRAPHY     | 3 | C | 6 | Change    |
| 138. | 19NU1A0404 | R194204G | CYBER SECURITY & CRYPTOGRAPHY     | 3 | D | 5 | Change    |
| 139. | 19NU1A0405 | R194204G | CYBER SECURITY & CRYPTOGRAPHY     | 3 | C | 6 | Change    |
| 140. | 19NU1A0406 | R194204G | CYBER SECURITY & CRYPTOGRAPHY     | 3 | C | 6 | Change    |
| 141. | 19NU1A0409 | R194204G | CYBER SECURITY & CRYPTOGRAPHY     | 3 | C | 6 | Change    |
| 142. | 19NU1A0410 | R194204G | CYBER SECURITY & CRYPTOGRAPHY     | 3 | D | 5 | Change    |
| 143. | 19NU1A0411 | R194204G | CYBER SECURITY & CRYPTOGRAPHY     | 3 | C | 6 | Change    |
| 144. | 19NU1A0412 | R194204G | CYBER SECURITY & CRYPTOGRAPHY     | 3 | C | 6 | Change    |
| 145. | 19NU1A0413 | R194204G | CYBER SECURITY & CRYPTOGRAPHY     | 3 | C | 6 | Change    |
| 146. | 19NU1A0414 | R194204G | CYBER SECURITY & CRYPTOGRAPHY     | 3 | D | 5 | Change    |
| 147. | 19NU1A0414 | R194204B | VLSI TESTING & TESTABILITY        | 0 | F | 0 | No Change |
| 148. | 19NU1A0415 | R194204G | CYBER SECURITY & CRYPTOGRAPHY     | 3 | C | 6 | Change    |
| 149. | 19NU1A0417 | R194204G | CYBER SECURITY & CRYPTOGRAPHY     | 3 | D | 5 | Change    |
| 150. | 19NU1A0418 | R194204B | VLSI TESTING & TESTABILITY        | 3 | C | 6 | Change    |
| 151. | 19NU1A0418 | R194204G | CYBER SECURITY & CRYPTOGRAPHY     | 3 | C | 6 | Change    |
| 152. | 19NU1A0422 | R194204G | CYBER SECURITY & CRYPTOGRAPHY     | 3 | C | 6 | Change    |
| 153. | 19NU1A0429 | R194204B | VLSI TESTING & TESTABILITY        | 3 | C | 6 | Change    |
| 154. | 19NU1A0430 | R194204G | CYBER SECURITY & CRYPTOGRAPHY     | 3 | B | 7 | Change    |
| 155. | 19NU1A0434 | R194204B | VLSI TESTING & TESTABILITY        | 0 | F | 0 | No Change |
| 156. | 19NU1A0434 | R194204G | CYBER SECURITY & CRYPTOGRAPHY     | 0 | F | 0 | No Change |
| 157. | 19NU1A0436 | R194204G | CYBER SECURITY & CRYPTOGRAPHY     | 0 | F | 0 | No Change |
| 158. | 19NU1A0436 | R194204B | VLSI TESTING & TESTABILITY        | 0 | F | 0 | No Change |

|      |            |          |  |   |   |   |           |
|------|------------|----------|--|---|---|---|-----------|
| 159. | 19NU1A0437 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | C | 6 | Change    |
| 160. | 19NU1A0437 | R194204B | VLSI TESTING & TESTABILITY             | 0 | F | 0 | No Change |
| 161. | 19NU1A0443 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | D | 5 | Change    |
| 162. | 19NU1A0443 | R194204B | VLSI TESTING & TESTABILITY             | 0 | F | 0 | No Change |
| 163. | 19NU1A0444 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | D | 5 | Change    |
| 164. | 19NU1A0444 | R194204B | VLSI TESTING & TESTABILITY             | 0 | F | 0 | No Change |
| 165. | 19NU1A0445 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | D | 5 | Change    |
| 166. | 19NU1A0448 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | C | 6 | Change    |
| 167. | 19NU1A0448 | R194204B | VLSI TESTING & TESTABILITY             | 0 | F | 0 | No Change |
| 168. | 19NU1A0454 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | C | 6 | Change    |
| 169. | 19NU1A0455 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | C | 6 | Change    |
| 170. | 19NU1A0456 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | D | 5 | Change    |
| 171. | 19NU1A0462 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | C | 6 | Change    |
| 172. | 19NU1A0468 | R194204B | VLSI TESTING & TESTABILITY             | 0 | F | 0 | No Change |
| 173. | 19NU1A0472 | R194204B | VLSI TESTING & TESTABILITY             | 0 | F | 0 | No Change |
| 174. | 19NU1A0504 | R1942051 | MANAGEMENT AND ORGANIZATIONAL BEHAVIOR | 3 | C | 6 | Change    |
| 175. | 19NU1A0510 | R194205C | DEVOPS                                 | 3 | C | 6 | Change    |
| 176. | 19NU1A0532 | R194205C | DEVOPS                                 | 3 | D | 5 | Change    |
| 177. | 19NU1A0558 | R194205C | DEVOPS                                 | 3 | C | 6 | Change    |
| 178. | 19NU1A0563 | R1942051 | MANAGEMENT AND ORGANIZATIONAL BEHAVIOR | 3 | C | 6 | Change    |
| 179. | 19NU1A0584 | R194205C | DEVOPS                                 | 0 | F | 0 | No Change |
| 180. | 19NU1A05B9 | R194205C | DEVOPS                                 | 0 | F | 0 | No Change |
| 181. | 19Q71A0107 | R194201I | GROUND IMPROVEMENT TECHNIQUES          | 3 | D | 5 | Change    |
| 182. | 19Q71A0204 | R194205I | PROBLEM SOLVING USING PYTHON           | 0 | F | 0 | No Change |
| 183. | 19Q71A0353 | R194203K | GREEN ENERGY SYSTEMS                   | 3 | D | 5 | Change    |
| 184. | 19Q71A0402 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | C | 6 | Change    |
| 185. | 19Q71A0406 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | D | 5 | Change    |
| 186. | 19Q71A0411 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | D | 5 | Change    |
| 187. | 19Q71A0449 | R194204A | WIRELESS COMMUNICATION                 | 3 | C | 6 | Change    |
| 188. | 19Q71A0479 | R194204A | WIRELESS COMMUNICATION                 | 3 | C | 6 | Change    |
| 189. | 19Q71A04A2 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | C | 6 | Change    |

|      |            |          |  |   |   |   |           |
|------|------------|----------|--|---|---|---|-----------|
| 190. | 19Q71A04A8 | R194204A | WIRELESSCOMMUNICATION                  | 0 | F | 0 | No Change |
| 191. | 19Q71A0526 | R1942051 | MANAGEMENT AND ORGANIZATIONAL BEHAVIOR | 3 | B | 7 | Change    |
| 192. | 19Q71A0531 | R194205E | BIG DATA ANALYTICS                     | 0 | F | 0 | No Change |
| 193. | 19Q71A05D9 | R1942051 | MANAGEMENT AND ORGANIZATIONAL BEHAVIOR | 3 | C | 6 | No Change |
| 194. | 19Q71A05D9 | R194203R | ENTREPRENEURSHIP                       | 3 | B | 7 | Change    |
| 195. | 19U41A0202 | R194204H | EMBEDDED SYSTEMS                       | 3 | D | 5 | Change    |
| 196. | 19U41A0203 | R194204H | EMBEDDED SYSTEMS                       | 0 | F | 0 | No Change |
| 197. | 19U41A0207 | R194204H | EMBEDDED SYSTEMS                       | 3 | D | 5 | Change    |
| 198. | 19U41A0415 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | C | 6 | Change    |
| 199. | 19U41A0420 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | D | 5 | Change    |
| 200. | 19U41A0422 | R194204A | WIRELESSCOMMUNICATION                  | 3 | C | 6 | Change    |
| 201. | 19U41A0424 | R194204A | WIRELESSCOMMUNICATION                  | 0 | F | 0 | No Change |
| 202. | 19U41A0501 | R194205C | DEVOPS                                 | 3 | C | 6 | Change    |
| 203. | 19U41A0502 | R194205C | DEVOPS                                 | 3 | C | 6 | Change    |
| 204. | 19U41A0510 | R194205C | DEVOPS                                 | 3 | C | 6 | Change    |
| 205. | 19U41A0511 | R194205C | DEVOPS                                 | 3 | C | 6 | Change    |
| 206. | 19U41A0522 | R194205C | DEVOPS                                 | 3 | C | 6 | Change    |
| 207. | 19U41A0545 | R194201N | ENVIRONMENTAL POLLUTION & CONTROL      | 3 | C | 6 | Change    |
| 208. | 19U41A0555 | R194205C | DEVOPS                                 | 3 | C | 6 | Change    |
| 209. | 19U41A0556 | R194205C | DEVOPS                                 | 3 | D | 5 | Change    |
| 210. | 19U41A0563 | R194205C | DEVOPS                                 | 3 | C | 6 | Change    |
| 211. | 19U41A0586 | R194205C | DEVOPS                                 | 0 | F | 0 | No Change |
| 212. | 19U41A0594 | R194205C | DEVOPS                                 | 3 | B | 7 | Change    |
| 213. | 19W61A0201 | R194204H | EMBEDDED SYSTEMS                       | 0 | F | 0 | No Change |
| 214. | 19W61A0201 | R1942021 | POWER SYSTEM OPERATION & CONTROL       | 0 | F | 0 | No Change |
| 215. | 19W61A0201 | R194202F | SPECIAL ELECTRICAL MACHINES            | 3 | D | 5 | Change    |
| 216. | 19W61A0310 | R194203H | NON DESTRUCTIVE EVALUATION             | 0 | F | 0 | No Change |
| 217. | 19W61A0401 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | D | 5 | Change    |
| 218. | 19W61A0401 | R194204A | WIRELESSCOMMUNICATION                  | 0 | F | 0 | No Change |
| 219. | 206B5A0201 | R194202A | ELECTRICAL DISTRIBUTION SYSTEMS        | 3 | C | 6 | Change    |
| 220. | 206B5A0205 | R1942021 | POWER SYSTEM OPERATION & CONTROL       | 0 | F | 0 | No Change |

|      |            |          |  |   |   |   |           |
|------|------------|----------|--|---|---|---|-----------|
| 221. | 206B5A0208 | R1942021 | POWER SYSTEM OPERATION & CONTROL                     | 3 | C | 6 | Change    |
| 222. | 206B5A0210 | R194202A | ELECTRICAL DISTRIBUTION SYSTEMS                      | 3 | C | 6 | Change    |
| 223. | 206B5A0302 | R194203H | NON DESTRUCTIVE EVALUATION                           | 0 | F | 0 | No Change |
| 224. | 206B5A0302 | R194203A | ADDITIVE MANUFACTURING                               | 0 | F | 0 | No Change |
| 225. | 206B5A0303 | R194203H | NON DESTRUCTIVE EVALUATION                           | 3 | D | 5 | Change    |
| 226. | 206B5A0308 | R194203R | ENTREPRENEURSHIP                                     | 0 | F | 0 | No Change |
| 227. | 206B5A0308 | R194203K | GREEN ENERGY SYSTEMS                                 | 0 | F | 0 | No Change |
| 228. | 206B5A0308 | R194203H | NON DESTRUCTIVE EVALUATION                           | 0 | F | 0 | No Change |
| 229. | 206B5A0315 | R194203K | GREEN ENERGY SYSTEMS                                 | 0 | F | 0 | No Change |
| 230. | 206B5A0315 | R194203H | NON DESTRUCTIVE EVALUATION                           | 0 | F | 0 | No Change |
| 231. | 206B5A0316 | R194203K | GREEN ENERGY SYSTEMS                                 | 0 | F | 0 | No Change |
| 232. | 206B5A0316 | R194203A | ADDITIVE MANUFACTURING                               | 0 | F | 0 | No Change |
| 233. | 206B5A0317 | R194203H | NON DESTRUCTIVE EVALUATION                           | 0 | F | 0 | No Change |
| 234. | 206B5A0402 | R194204G | CYBER SECURITY & CRYPTOGRAPHY                        | 3 | C | 6 | Change    |
| 235. | 206D5A0205 | R194202C | FLEXIBLE ALTERNATING CURRENT<br>TRANSMISSION SYSTEMS | 0 | F | 0 | No Change |
| 236. | 206D5A0302 | R194203A | ADDITIVE MANUFACTURING                               | 3 | D | 5 | Change    |
| 237. | 206D5A0311 | R194203H | NON DESTRUCTIVE EVALUATION                           | 0 | F | 0 | No Change |
| 238. | 206D5A0315 | R194201N | ENVIRONMENTAL POLLUTION & CONTROL                    | 3 | D | 5 | Change    |
| 239. | 206D5A0327 | R194203H | NON DESTRUCTIVE EVALUATION                           | 0 | F | 0 | No Change |
| 240. | 206E5A0336 | R194203H | NON DESTRUCTIVE EVALUATION                           | 0 | F | 0 | No Change |
| 241. | 206E5A0401 | R194204G | CYBER SECURITY & CRYPTOGRAPHY                        | 0 | F | 0 | No Change |
| 242. | 206E5A0403 | R194204G | CYBER SECURITY & CRYPTOGRAPHY                        | 3 | D | 5 | Change    |
| 243. | 206E5A0404 | R194204G | CYBER SECURITY & CRYPTOGRAPHY                        | 3 | D | 5 | Change    |
| 244. | 206F5A0201 | R1942021 | POWER SYSTEM OPERATION & CONTROL                     | 0 | F | 0 | No Change |
| 245. | 206F5A0201 | R194203K | GREEN ENERGY SYSTEMS                                 | 3 | D | 5 | Change    |
| 246. | 206F5A0202 | R1942021 | POWER SYSTEM OPERATION & CONTROL                     | 0 | F | 0 | No Change |
| 247. | 206F5A0203 | R1942021 | POWER SYSTEM OPERATION & CONTROL                     | 0 | F | 0 | No Change |
| 248. | 206F5A0204 | R194203K | GREEN ENERGY SYSTEMS                                 | 3 | D | 5 | Change    |
| 249. | 206F5A0205 | R1942021 | POWER SYSTEM OPERATION & CONTROL                     | 0 | F | 0 | No Change |
| 250. | 206F5A0205 | R194203K | GREEN ENERGY SYSTEMS                                 | 3 | D | 5 | Change    |
| 251. | 206F5A0206 | R194203K | GREEN ENERGY SYSTEMS                                 | 3 | D | 5 | Change    |
| 252. | 206F5A0209 | R1942021 | POWER SYSTEM OPERATION & CONTROL                     | 0 | F | 0 | No Change |



|      |            |          |                                  |   |   |   |           |
|------|------------|----------|----------------------------------|---|---|---|-----------|
| 253. | 206F5A0209 | R194203K | GREEN ENERGY SYSTEMS             | 3 | D | 5 | Change    |
| 254. | 206F5A0211 | R194203K | GREEN ENERGY SYSTEMS             | 3 | D | 5 | Change    |
| 255. | 206F5A0211 | R1942021 | POWER SYSTEM OPERATION & CONTROL | 3 | D | 5 | Change    |
| 256. | 206F5A0212 | R1942021 | POWER SYSTEM OPERATION & CONTROL | 0 | F | 0 | No Change |
| 257. | 206F5A0212 | R194203K | GREEN ENERGY SYSTEMS             | 3 | D | 5 | Change    |
| 258. | 206F5A0214 | R1942021 | POWER SYSTEM OPERATION & CONTROL | 3 | D | 5 | Change    |
| 259. | 206F5A0231 | R1942021 | POWER SYSTEM OPERATION & CONTROL | 0 | F | 0 | No Change |
| 260. | 206F5A0231 | R194203K | GREEN ENERGY SYSTEMS             | 3 | D | 5 | Change    |
| 261. | 206F5A0231 | R194202A | ELECTRICAL DISTRIBUTION SYSTEMS  | 0 | F | 0 | No Change |
| 262. | 206F5A0232 | R1942021 | POWER SYSTEM OPERATION & CONTROL | 3 | C | 6 | Change    |
| 263. | 206F5A0232 | R194203K | GREEN ENERGY SYSTEMS             | 3 | D | 5 | Change    |
| 264. | 206F5A0234 | R1942021 | POWER SYSTEM OPERATION & CONTROL | 0 | F | 0 | No Change |
| 265. | 206F5A0234 | R194202A | ELECTRICAL DISTRIBUTION SYSTEMS  | 0 | F | 0 | No Change |
| 266. | 206F5A0240 | R1942021 | POWER SYSTEM OPERATION & CONTROL | 0 | F | 0 | No Change |
| 267. | 206F5A0240 | R194202A | ELECTRICAL DISTRIBUTION SYSTEMS  | 0 | F | 0 | No Change |
| 268. | 206F5A0240 | R194203K | GREEN ENERGY SYSTEMS             | 0 | F | 0 | No Change |
| 269. | 206F5A0242 | R1942021 | POWER SYSTEM OPERATION & CONTROL | 0 | F | 0 | No Change |
| 270. | 206F5A0242 | R194203K | GREEN ENERGY SYSTEMS             | 0 | F | 0 | No Change |
| 271. | 206F5A0242 | R194202A | ELECTRICAL DISTRIBUTION SYSTEMS  | 0 | F | 0 | No Change |
| 272. | 206F5A0246 | R1942021 | POWER SYSTEM OPERATION & CONTROL | 0 | F | 0 | No Change |
| 273. | 206F5A0246 | R194203K | GREEN ENERGY SYSTEMS             | 0 | F | 0 | No Change |
| 274. | 206F5A0246 | R194202A | ELECTRICAL DISTRIBUTION SYSTEMS  | 0 | F | 0 | No Change |
| 275. | 206F5A0323 | R194203H | NON DESTRUCTIVE EVALUATION       | 0 | F | 0 | No Change |
| 276. | 206F5A0348 | R194203H | NON DESTRUCTIVE EVALUATION       | 3 | C | 6 | Change    |
| 277. | 206G5A0104 | R194201D | ROAD SAFETY ENGINEERING          | 3 | D | 5 | Change    |
| 278. | 206J5A0218 | R194202D | POWER QUALITY                    | 0 | F | 0 | No Change |
| 279. | 206J5A0312 | R194203A | ADDITIVE MANUFACTURING           | 3 | D | 5 | Change    |
| 280. | 206J5A0332 | R194203A | ADDITIVE MANUFACTURING           | 3 | D | 5 | Change    |
| 281. | 20815A0230 | R194202A | ELECTRICAL DISTRIBUTION SYSTEMS  | 0 | F | 0 | No Change |
| 282. | 20815A0240 | R194202A | ELECTRICAL DISTRIBUTION SYSTEMS  | 0 | F | 0 | No Change |
| 283. | 20815A0315 | R194203A | ADDITIVE MANUFACTURING           | 0 | F | 0 | No Change |
| 284. | 20815A0342 | R194203H | NON DESTRUCTIVE EVALUATION       | 3 | C | 6 | Change    |
| 285. | 20815A0356 | R194203S | ADVANCED MATERIALS               | 0 | F | 0 | No Change |

|      |            |          |                                  |   |   |   |           |
|------|------------|----------|----------------------------------|---|---|---|-----------|
| 286. | 20815A0356 | R194203L | ROBOTICS                         | 0 | F | 0 | No Change |
| 287. | 20815A0356 | R194203H | NON DESTRUCTIVE EVALUATION       | 0 | F | 0 | No Change |
| 288. | 20815A0362 | R194203S | ADVANCED MATERIALS               | 3 | B | 7 | Change    |
| 289. | 20815A0409 | R194204G | CYBER SECURITY & CRYPTOGRAPHY    | 3 | C | 6 | Change    |
| 290. | 20995A0201 | R194205J | WEB TECHNOLOGIES                 | 3 | D | 5 | Change    |
| 291. | 20995A0201 | R194202B | HVAC & DC TRANSMISSION           | 0 | F | 0 | No Change |
| 292. | 20995A0205 | R194202B | HVAC & DC TRANSMISSION           | 3 | D | 5 | Change    |
| 293. | 20995A0210 | R194205J | WEB TECHNOLOGIES                 | 3 | D | 5 | Change    |
| 294. | 20995A0213 | R194202I | POWER SYSTEM OPERATION & CONTROL | 0 | F | 0 | No Change |
| 295. | 20995A0215 | R194202B | HVAC & DC TRANSMISSION           | 0 | F | 0 | No Change |
| 296. | 20995A0215 | R194205J | WEB TECHNOLOGIES                 | 3 | D | 5 | Change    |
| 297. | 20995A0218 | R194202B | HVAC & DC TRANSMISSION           | 3 | D | 5 | Change    |
| 298. | 20995A0218 | R194205J | WEB TECHNOLOGIES                 | 3 | D | 5 | Change    |
| 299. | 20995A0219 | R194205J | WEB TECHNOLOGIES                 | 3 | C | 6 | Change    |
| 300. | 20995A0220 | R194205J | WEB TECHNOLOGIES                 | 3 | D | 5 | Change    |
| 301. | 20995A0231 | R194205J | WEB TECHNOLOGIES                 | 0 | F | 0 | No Change |
| 302. | 20995A0335 | R194203O | MECHATRONICS                     | 3 | D | 5 | Change    |
| 303. | 20995A0405 | R194204G | CYBER SECURITY & CRYPTOGRAPHY    | 3 | D | 5 | Change    |
| 304. | 20995A0408 | R194204A | WIRELESSCOMMUNICATION            | 0 | F | 0 | No Change |
| 305. | 20995A0408 | R194204G | CYBER SECURITY & CRYPTOGRAPHY    | 3 | D | 5 | Change    |
| 306. | 20B65A0102 | R194201I | GROUND IMPROVEMENT TECHNIQUES    | 3 | C | 6 | No Change |
| 307. | 20B65A0102 | R194201D | ROAD SAFETY ENGINEERING          | 3 | C | 6 | No Change |
| 308. | 20B65A0211 | R194202I | POWER SYSTEM OPERATION & CONTROL | 0 | F | 0 | No Change |
| 309. | 20B65A0213 | R194202I | POWER SYSTEM OPERATION & CONTROL | 3 | C | 6 | Change    |
| 310. | 20B65A0215 | R194202I | POWER SYSTEM OPERATION & CONTROL | 3 | D | 5 | Change    |
| 311. | 20B65A0302 | R194203K | GREEN ENERGY SYSTEMS             | 0 | F | 0 | No Change |
| 312. | 20B65A0302 | R194203J | ENTREPRENEURSHIP DEVELOPMENT     | 0 | F | 0 | No Change |
| 313. | 20B65A0302 | R194203A | ADDITIVE MANUFACTURING           | 0 | F | 0 | No Change |
| 314. | 20B65A0321 | R194203J | ENTREPRENEURSHIP DEVELOPMENT     | 3 | D | 5 | Change    |
| 315. | 20B65A0407 | R194204A | WIRELESSCOMMUNICATION            | 3 | C | 6 | Change    |
| 316. | 20HQ5A0321 | R194203S | ADVANCED MATERIALS               | 3 | C | 6 | Change    |
| 317. | 20JA5A0401 | R194204G | CYBER SECURITY & CRYPTOGRAPHY    | 0 | F | 0 | No Change |
| 318. | 20JA5A0401 | R194204A | WIRELESSCOMMUNICATION            | 0 | F | 0 | No Change |

|      |            |          |                                   |   |   |   |           |
|------|------------|----------|-----------------------------------|---|---|---|-----------|
| 319. | 20JA5A0403 | R194204G | CYBER SECURITY & CRYPTOGRAPHY     | 3 | D | 5 | Change    |
| 320. | 20JA5A0404 | R194204A | WIRELESSCOMMUNICATION             | 3 | D | 5 | Change    |
| 321. | 20L65A0204 | R194204H | EMBEDDED SYSTEMS                  | 3 | D | 5 | Change    |
| 322. | 20L65A0207 | R194204H | EMBEDDED SYSTEMS                  | 0 | F | 0 | No Change |
| 323. | 20L65A0228 | R194204H | EMBEDDED SYSTEMS                  | 0 | F | 0 | No Change |
| 324. | 20L65A0326 | R194203H | NON DESTRUCTIVE EVALUATION        | 3 | D | 5 | Change    |
| 325. | 20MT5A0105 | R194201D | ROAD SAFETY ENGINEERING           | 3 | D | 5 | Change    |
| 326. | 20MT5A0209 | R1942021 | POWER SYSTEM OPERATION & CONTROL  | 0 | F | 0 | No Change |
| 327. | 20NM5A0214 | R1942021 | POWER SYSTEM OPERATION & CONTROL  | 3 | D | 5 | Change    |
| 328. | 20NM5A0216 | R194203M | ENERGY CONSUMPTION AND MANAGEMENT | 3 | D | 5 | Change    |
| 329. | 20NM5A0228 | R194202B | HVAC & DC TRANSMISSION            | 0 | F | 0 | No Change |
| 330. | 20NM5A0402 | R194204G | CYBER SECURITY & CRYPTOGRAPHY     | 3 | D | 5 | Change    |
| 331. | 20NM5A0409 | R194204A | WIRELESSCOMMUNICATION             | 3 | C | 6 | Change    |
| 332. | 20NM5A0411 | R194204G | CYBER SECURITY & CRYPTOGRAPHY     | 3 | D | 5 | Change    |
| 333. | 20NM5A0415 | R194204G | CYBER SECURITY & CRYPTOGRAPHY     | 3 | C | 6 | Change    |
| 334. | 20NM5A0422 | R194204G | CYBER SECURITY & CRYPTOGRAPHY     | 3 | D | 5 | Change    |
| 335. | 20NM5A0423 | R194204G | CYBER SECURITY & CRYPTOGRAPHY     | 3 | D | 5 | Change    |
| 336. | 20NR5A0102 | R194201I | GROUND IMPROVEMENT TECHNIQUES     | 0 | F | 0 | No Change |
| 337. | 20NR5A0102 | R194201D | ROAD SAFETY ENGINEERING           | 0 | F | 0 | No Change |
| 338. | 20NR5A0203 | R194202A | ELECTRICAL DISTRIBUTION SYSTEMS   | 3 | D | 5 | Change    |
| 339. | 20NR5A0207 | R194204H | EMBEDDED SYSTEMS                  | 0 | F | 0 | No Change |
| 340. | 20NR5A0349 | R194203H | NON DESTRUCTIVE EVALUATION        | 0 | F | 0 | No Change |
| 341. | 20NR5A0405 | R194204G | CYBER SECURITY & CRYPTOGRAPHY     | 3 | C | 6 | Change    |
| 342. | 20NR5A0407 | R194204G | CYBER SECURITY & CRYPTOGRAPHY     | 3 | D | 5 | Change    |
| 343. | 20NR5A0410 | R194204A | WIRELESSCOMMUNICATION             | 0 | F | 0 | No Change |
| 344. | 20NR5A0410 | R194204G | CYBER SECURITY & CRYPTOGRAPHY     | 3 | D | 5 | Change    |
| 345. | 20NR5A0411 | R194204G | CYBER SECURITY & CRYPTOGRAPHY     | 3 | C | 6 | Change    |
| 346. | 20NR5A0413 | R194204G | CYBER SECURITY & CRYPTOGRAPHY     | 3 | D | 5 | Change    |
| 347. | 20NR5A0415 | R194204G | CYBER SECURITY & CRYPTOGRAPHY     | 3 | D | 5 | Change    |
| 348. | 20NT5A0204 | R1942021 | POWER SYSTEM OPERATION & CONTROL  | 3 | D | 5 | Change    |
| 349. | 20NT5A0207 | R194204H | EMBEDDED SYSTEMS                  | 3 | D | 5 | Change    |
| 350. | 20NT5A0209 | R1942021 | POWER SYSTEM OPERATION & CONTROL  | 0 | F | 0 | No Change |
| 351. | 20NT5A0226 | R1942021 | POWER SYSTEM OPERATION & CONTROL  | 3 | D | 5 | Change    |

|      |            |          |  |   |   |   |           |
|------|------------|----------|--|---|---|---|-----------|
| 352. | 20NT5A0226 | R194204H | EMBEDDED SYSTEMS                       | 0 | F | 0 | No Change |
| 353. | 20NT5A0234 | R194202I | POWER SYSTEM OPERATION & CONTROL       | 3 | D | 5 | Change    |
| 354. | 20NT5A0238 | R194202I | POWER SYSTEM OPERATION & CONTROL       | 0 | F | 0 | No Change |
| 355. | 20NT5A0239 | R194204H | EMBEDDED SYSTEMS                       | 0 | F | 0 | No Change |
| 356. | 20NT5A0239 | R194202I | POWER SYSTEM OPERATION & CONTROL       | 3 | D | 5 | Change    |
| 357. | 20NT5A0242 | R194204H | EMBEDDED SYSTEMS                       | 3 | D | 5 | Change    |
| 358. | 20NT5A0252 | R194202I | POWER SYSTEM OPERATION & CONTROL       | 0 | F | 0 | No Change |
| 359. | 20NT5A0255 | R194204H | EMBEDDED SYSTEMS                       | 0 | F | 0 | No Change |
| 360. | 20NT5A0255 | R194202I | POWER SYSTEM OPERATION & CONTROL       | 0 | F | 0 | No Change |
| 361. | 20NT5A0257 | R194202I | POWER SYSTEM OPERATION & CONTROL       | 0 | F | 0 | No Change |
| 362. | 20NU5A0118 | R194201I | ESTIMATION SPECIFICATIONS AND CONTRACT | 3 | B | 7 | Change    |
| 363. | 20NU5A0207 | R194202B | HVAC & DC TRANSMISSION                 | 0 | F | 0 | No Change |
| 364. | 20NU5A0208 | R194202B | HVAC & DC TRANSMISSION                 | 3 | D | 5 | Change    |
| 365. | 20NU5A0213 | R194202B | HVAC & DC TRANSMISSION                 | 0 | F | 0 | No Change |
| 366. | 20NU5A0215 | R194202I | POWER SYSTEM OPERATION & CONTROL       | 0 | F | 0 | No Change |
| 367. | 20NU5A0362 | R194203H | NON DESTRUCTIVE EVALUATION             | 0 | F | 0 | No Change |
| 368. | 20NU5A0381 | R194203H | NON DESTRUCTIVE EVALUATION             | 3 | D | 5 | Change    |
| 369. | 20NU5A0401 | R194204B | VLSI TESTING & TESTABILITY             | 0 | F | 0 | No Change |
| 370. | 20NU5A0402 | R194204B | VLSI TESTING & TESTABILITY             | 0 | F | 0 | No Change |
| 371. | 20NU5A0402 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 0 | F | 0 | No Change |
| 372. | 20NU5A0408 | R194204B | VLSI TESTING & TESTABILITY             | 3 | C | 6 | Change    |
| 373. | 20NU5A0409 | R194204B | VLSI TESTING & TESTABILITY             | 0 | F | 0 | No Change |
| 374. | 20NU5A0415 | R194204B | VLSI TESTING & TESTABILITY             | 3 | D | 5 | Change    |
| 375. | 20NU5A0419 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | D | 5 | Change    |
| 376. | 20NU5A0421 | R194204G | CYBER SECURITY & CRYPTOGRAPHY          | 3 | D | 5 | Change    |
| 377. | 20NU5A0421 | R194204B | VLSI TESTING & TESTABILITY             | 0 | F | 0 | No Change |
| 378. | 20NU5A0425 | R194204B | VLSI TESTING & TESTABILITY             | 0 | F | 0 | No Change |
| 379. | 20NU5A0429 | R194204B | VLSI TESTING & TESTABILITY             | 3 | C | 6 | Change    |
| 380. | 20NU5A0432 | R194204B | VLSI TESTING & TESTABILITY             | 0 | F | 0 | No Change |
| 381. | 20NU5A0433 | R194204B | VLSI TESTING & TESTABILITY             | 0 | F | 0 | No Change |
| 382. | 20Q75A0202 | R194205I | PROBLEM SOLVING USING PYTHON           | 3 | D | 5 | Change    |
| 383. | 20Q75A0209 | R194205I | PROBLEM SOLVING USING PYTHON           | 3 | D | 5 | No Change |
| 384. | 20Q75A0229 | R194205I | PROBLEM SOLVING USING PYTHON           | 3 | D | 5 | Change    |

|      |            |          |  |   |   |   |           |
|------|------------|----------|--|---|---|---|-----------|
| 385. | 20Q75A0333 | R194203A | ADDITIVE MANUFACTURING                               | 3 | A | 8 | Change    |
| 386. | 20Q75A0369 | R194203A | ADDITIVE MANUFACTURING                               | 3 | D | 5 | Change    |
| 387. | 20Q75A0388 | R194203K | GREEN ENERGY SYSTEMS                                 | 3 | C | 6 | Change    |
| 388. | 20Q75A0397 | R194203A | ADDITIVE MANUFACTURING                               | 3 | C | 6 | Change    |
| 389. | 20Q75A03A1 | R194203A | ADDITIVE MANUFACTURING                               | 0 | F | 0 | No Change |
| 390. | 20Q75A0402 | R194204G | CYBER SECURITY & CRYPTOGRAPHY                        | 3 | C | 6 | Change    |
| 391. | 20U45A0205 | R194204H | EMBEDDED SYSTEMS                                     | 0 | F | 0 | No Change |
| 392. | 20U45A0208 | R194204H | EMBEDDED SYSTEMS                                     | 3 | D | 5 | Change    |
| 393. | 20U45A0209 | R194204H | EMBEDDED SYSTEMS                                     | 3 | C | 6 | Change    |
| 394. | 20U45A0214 | R194202C | FLEXIBLE ALTERNATING CURRENT<br>TRANSMISSION SYSTEMS | 3 | D | 5 | Change    |
| 395. | 20U45A0221 | R194204H | EMBEDDED SYSTEMS                                     | 3 | C | 6 | Change    |
| 396. | 20U45A0228 | R194204H | EMBEDDED SYSTEMS                                     | 0 | F | 0 | No Change |
| 397. | 20U45A0246 | R194204H | EMBEDDED SYSTEMS                                     | 0 | F | 0 | No Change |
| 398. | 20U45A0248 | R194204H | EMBEDDED SYSTEMS                                     | 0 | F | 0 | No Change |
| 399. | 20U45A0250 | R194202C | FLEXIBLE ALTERNATING CURRENT<br>TRANSMISSION SYSTEMS | 3 | D | 5 | Change    |
| 400. | 20U45A0408 | R194204G | CYBER SECURITY & CRYPTOGRAPHY                        | 3 | D | 5 | Change    |
| 401. | 20U45A0419 | R194204A | WIRELESSCOMMUNICATION                                | 3 | C | 6 | Change    |
| 402. | 20U45A0428 | R194204G | CYBER SECURITY & CRYPTOGRAPHY                        | 3 | D | 5 | Change    |
| 403. | 20W65A0205 | R194202F | SPECIAL ELECTRICAL MACHINES                          | 3 | D | 5 | Change    |
| 404. | 20W65A0206 | R194204H | EMBEDDED SYSTEMS                                     | 0 | F | 0 | No Change |
| 405. | 20W65A0208 | R194202F | SPECIAL ELECTRICAL MACHINES                          | 0 | F | 0 | No Change |
| 406. | 20W65A0402 | R194204A | WIRELESSCOMMUNICATION                                | 3 | D | 5 | Change    |



**Controller of Examinations** i/c



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY GURAJADA VIZIANAGARAM  
JNTUGV- UNIVERSITY EXAMINATION SECTION**

**IV B.Tech II Semester R16 Supply Revaluation/Recounting results**

| S.NO | Hall Ticket No | Sub Code | Sub Name  | Credits | Grade | GP | Status    |
|------|----------------|----------|---|---------|-------|----|-----------|
| 1    | 16KD1A0306     | R1642033 | Automobile Engineering  | 0       | F     | 0  | No Change |
| 2    | 16L31A1916     | R164219D | Real Time Operating Systems                                       | 0       | F     | 0  | No Change |
| 3    | 17985A0298     | R1642022 | Hvdc Transmission   | 3       | D     | 5  | Change    |
| 4    | 17MT1A0209     | R1642021 | Digital Control Systems   | 3       | B     | 7  | Change    |
| 5    | 17NR5A0214     | R1642021 | Digital Control Systems   | 0       | F     | 0  | No Change |
| 6    | 186B1A0105     | R1642013 | Prestressed Concrete  | 3       | C     | 6  | Change    |
| 7    | 186B1A0323     | R1642033 | Automobile Engineering  | 0       | F     | 0  | No Change |
| 8    | 186B1A0431     | R1642042 | Electronic Measurements And Instrumentation                       | 3       | C     | 6  | Change    |
| 9    | 186B1A0431     | R164204A | Wireless Sensors And Networks (Common To Ece And E.Comp.E)        | 0       | F     | 0  | No Change |
| 10   | 186B1A0442     | R164204A | Wireless Sensors And Networks (Common To Ece And E.Comp.E)        | 3       | C     | 6  | Change    |
| 11   | 186B1A0451     | R164204A | Wireless Sensors And Networks (Common To Ece And E.Comp.E)        | 0       | F     | 0  | No Change |
| 12   | 186B1A0455     | R1642043 | Satellite Communications  | 3       | C     | 6  | Change    |
| 13   | 186B1A0455     | R164204A | Wireless Sensors And Networks (Common To Ece And E.Comp.E)        | 3       | C     | 6  | Change    |
| 14   | 18811A0430     | R164204A | Wireless Sensors And Networks (Common To Ece And E.Comp.E)        | 0       | F     | 0  | No Change |
| 15   | 18995A0335     | R1642033 | Automobile Engineering  | 0       | F     | 0  | No Change |
| 16   | 18995A0335     | R1642031 | Production Planning And Control (Common To Mechanical And Mining) | 0       | F     | 0  | No Change |
| 17   | 18995A0336     | R1642031 | Production Planning And Control (Common To Mechanical And Mining) | 0       | F     | 0  | No Change |
| 18   | 18995A0384     | R1642031 | Production Planning And Control (Common To Mechanical And Mining) | 0       | F     | 0  | No Change |
| 19   | 18B61A0103     | R1642013 | Prestressed Concrete  | 3       | C     | 6  | Change    |
| 20   | 18HQ1A0442     | R1642043 | Satellite Communications  | 0       | F     | 0  | No Change |
| 21   | 18KD1A0263     | R1642022 | Hvdc Transmission   | 0       | F     | 0  | No Change |
| 22   | 18KD1A0263     | R164202B | Flexible Alternating Current Transmission Systems                 | 3       | D     | 5  | Change    |
| 23   | 18KD1A0456     | R1642043 | Satellite Communications  | 0       | F     | 0  | No Change |
| 24   | 18KD1A0456     | R164204A | Wireless Sensors And Networks (Common To Ece And E.Comp.E)        | 0       | F     | 0  | No Change |
| 25   | 18NM1A04D9     | R164204B | Digital Ic Design(Common To Ece And E.I.E)                        | 0       | F     | 0  | No Change |
| 26   | 18NT5A0204     | R1642021 | Digital Control Systems   | 3       | C     | 6  | Change    |

|    |            |          |   |   |   |   |           |
|----|------------|----------|---|---|---|---|-----------|
| 27 | 18NU1A0413 | R164204A | Wireless Sensors And Networks<br>(Common To Ece And E.Comp.E)           | 0 | F | 0 | No Change |
| 28 | 196B5A0216 | R1642021 | Digital Control Systems   | 3 | D | 5 | Change    |
| 29 | 196B5A0219 | R1642022 | Hvdc Transmission   | 0 | F | 0 | No Change |
| 30 | 196B5A0226 | R164202B | Flexible Alternating Current<br>Transmission Systems                    | 0 | F | 0 | No Change |
| 31 | 196B5A0327 | R1642031 | Production Planning And Control<br>(Common To Mechanical And<br>Mining) | 3 | C | 6 | Change    |
| 32 | 196B5A0403 | R1642043 | Satellite Communications  | 0 | F | 0 | No Change |
| 33 | 196B5A0403 | R1642042 | Electronic Measurements And<br>Instrumentation                          | 0 | F | 0 | No Change |
| 34 | 196J5A0202 | R1642023 | Electrical Distribution Systems   | 0 | F | 0 | No Change |
| 35 | 19815A0380 | R1642032 | Unconventional Machining Processes                                      | 0 | F | 0 | No Change |
| 36 | 19815A0412 | R164204A | Wireless Sensors And Networks<br>(Common To Ece And E.Comp.E)           | 0 | F | 0 | No Change |
| 37 | 19NR5A0502 | R164205B | Artificial Neural Networks(Common<br>To CSE It)                         | 0 | F | 0 | No Change |



**Controller of Examinations** i/c