**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING: VRSEC**

**B. Tech. (CSE) – Academic Year 2019-20**

**Section A**

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| **S. No** | **Roll Numbers** | **Guide Name** | **Title** | **Research Domain** |
| 1 | 168W1A0539  168W1A0531  168W1A0501  178W5A0505 | Mrs. M. Vani Pujitha | Helper an Offline Android Application for Remote Controlling and Accessing of Mobile | IoT, Cloud Computing and Ubiquities Computing |
| 2 | 168W1A0512  168W1A0507  168W1A0508  168W1A0521 | Dr. S. Vasavi | Mobile Application for Intelligent Transport System to warn the users on bridge safety | Big Data and Data Analytics |
| 3 | 168W1A0515  168W1A0542  168W1A0518  158W1A05C5 | Mr. S. Rajesh | Heart disease prediction system | Artificial Intelligence/Machine Learning |
| 4 | 168W1A0517  168W1A0551  168W1A0522  178W5A0506 | Mr. S. Ravi  Kishan | Ambient Air Pollution Forecasting System Using Deep Neural Networks | Computer Networks and Information Security |
| 5 | 168W1A0552  178W5A0508  168W1A0505 | Mr. V.V.N. Phani Kumar | Smart Mirror Using Raspberry Pi-3B+ | IoT, Cloud Computing and Ubiquities Computing |
| 6 | 168W1A0547  168W1A0546  168W1A0545  168W1A0557 | Dr D. Rajeswara Rao | Semantic Image to Image Translation Using Machine Learning Algorithms | Image Processing and Computer Vision |
| 7 | 168W1A0524  168W1A0506  178W5A0501 | Mr. A. Jitendra | Brain Tumour Detection | Artificial Intelligence/Machine Learning |
| 8 | 168W1A0538  168W1A0504  168W1A0527  168W1A0540 | Mr. B. Jayanag | Vehicle Monitoring System | Artificial Intelligence/Machine Learning |
| 9 | 168W1A0560  168W1A0519  178W5A0511  178W5A0502 | Mrs. M. Srilatha | Indian Counterfeit Currency Detection | Artificial Intelligence/Machine Learning |
| 10 | 168W1A0513  168W1A0533  178W5A0512 | Dr. K. Srinivas | Land Cover Change Detection Using M Siamese Network | Artificial Intelligence/Machine Learning |
| 11 | 168W1A0525  168W1A0514  168W1A0536  168W1A0554 | Dr. G. Anuradha | Skin Cancer Detection Using Convolutional Neural Networks | Artificial Intelligence/Machine Learning |
| 12 | 168W1A0550  168W1A0520  168W1A0534  178W5A0504 | Dr. G. Anuradha | Classification Of Plant Leaf Diseases Using CNN | Big Data and Data Analytics |
| 13 | 178W5A0507  168W1A0559  168W1A0537 | Mr. S. Babu | A Development of Medical Record Management System to Health Care Decision Makers Using Cloud Technologies | IoT, Cloud Computing and Ubiquities Computing |
| 14 | 168W1A0509  168W1A0556  168W1A0529  168W1A0532 | Dr. K. L. Sailaja, Dr. G. Krishna Kishore | Autonomous Obstacle Avoidance Robot Using Linear Regression | Computer Networks and Information Security |
| 15 | 168W1A0526  168W1A0558  168W1A0502 | Dr. K. Suvarna Vani | Segmentation Of Optic Disc and Blood Vessels for Diabetic Retinopathy | Artificial Intelligence/Machine Learning |
| 16 | 168W1A0543  168W1A0544  168W1A0548  168W1A0503 | Dr. M. Sobhana | Real Time Sarcasm Detection on Twitter Data | Artificial Intelligence/Machine Learning |

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING: VRSEC**

**B. Tech. (CSE) – Academic Year 2019-20**

**Section B**

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| **S. No.** | **Roll Numbers** | **Guide Name** | **Title** | **Research Domain** |
| 1 | 168W1A05A4  168W1A05B1  168W1A0563  168W1A0581 | Dr. G. Kranthi Kumar | Attimo Keyboard for Locked-In-Syndrome | Artificial Intelligence/Machine Learning |
| 2 | 168W1A05C0  168W1A0570  168W1A0565  168W1A05A3 | Mr. J V D Prasad | Ilock: State-Of-The-Art Sophisticated Door Lock | Big Data and Data Analytics |
| 3 | 168W1A05B8  168W1A05B9  168W1A0596  168W1A0575  168W1A0584 | Dr. D. Rajeswara  Rao | Product Search Automation | Artificial Intelligence/Machine Learning |
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| 4 | 168W1A0592  168W1A05A5  178W5A0514  168W1A0593 | Mr. S. Ravi Kishan | Artificial Intelligence Based Pacman Game | Artificial Intelligence/Machine Learning |
| 5 | 168W1A05B7  168W1A05B0  168W1A05A6  178W5A0515 | Dr. P. Ramesh Kumar | State Of Art Dam Management System | Image Processing and Computer Vision |
| 6 | 168W1A05B4  168W1A0595  168W1A05B3  178W5A0523  168W1A0579 | Dr. D. Rajeswara  Rao | Election Prediction Using Sentiment Analysis | Artificial Intelligence/Machine Learning |
| 7 | 168W1A05B5  168W1A0568  168W1A0594  168W1A0599 | Mr. V. Sandeep | Railway Track Monitoring System Using Arduino with Lora | IoT, Cloud Computing and Ubiquities Computing |
| 8 | 178W5A0520  178W5A0522  178W1A0521  178W5A0513 | Mr. N. Sunny | Smart Bag with Theft Detection | Artificial Intelligence/Machine Learning |
| 9 | 168W1A05A0  168W1A0567  168W1A0571  168W1A0564 | Mr. A. Raghu Veera Pratap | Face Detection on Existing Repository Using Machine Learning | Artificial Intelligence/Machine Learning |
| 10 | 168W1A0597  168W1A05A9  168W1A0589 | Dr. Ch. Rupa | Virtual Circuit Based Surveillance Vehicle | Computer Networks and Information Security |

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING: VRSEC**

**B. Tech. (CSE) – Academic Year 2019-20**

**Section C**

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| **S. No.** | **Roll Numbers** | **Guide Name** | **Title** | **Research Group** |
| 1 | 168W1A05H1  168W1A05F1  168W1A05G7  178W5A0524  178W5A0526 | Dr. Ch. Rupa | Blockchain Based Certificate Issuing System Using Smart Contracts | Computer Networks and Information Security |
| 2 | 168W1A05C3  168W1A05E6  168w1a05e9 | Dr. S. Vasavi | Vehicle Health Monitoring System Using Cloud | IoT, Cloud Computing and Ubiquities Computing |
| 3 | 168W1A05H8  168W1A05G4  168W1A05D5  178W5A0525 | Mrs. K. S. Vijaya Lakshmi | Online Product Quantization | Artificial Intelligence/Machine Learning |
| 4 | 168W1A05G6  168W1A05H6  168W1A05G3  178W5A0527 | Mr. D Suresh Babu | Early Prediction of Lifestyle Diseases | Big Data and Data Analytics |
| 5 | 168W1A05G2  168W1A05D9  178W5A0534  168W1A05C9  168W1A05H7 | Ms. V Deepa | Random Multiple Choice Questions Generation Using NLP | Artificial Intelligence/Machine Learning |
| 6 | 168W1A05D4  168W1A05D1  168W1A05D3  168W1A05C5 | Dr. S. Vasavi | Adaptive Traffic Signal Control System Based on Real Time Density Estimation | Image Processing and Computer Vision |
| 7 | 168W1A05E7  168W1A05H0  168W1A05E1  168W1A05H2 | Ch. Raga Madhuri | Automatic Classification of Emotions for Extempore Speech | Artificial Intelligence/Machine Learning |
| 8 | 168W1A05C4  168W1A05F7  168W1A05G0  168W1A05E5 | Dr. Ch. Rupa | High-End Secure Image Transfer Using Vector Quantization | Image Processing and Computer Vision |
| 9 | 168W1A05F6  178W5A0529  178W5A0530  178W5A0533 | Mr. J. Ranga Rao | IoT Smart Agriculture | IoT, Cloud Computing and Ubiquities Computing |