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

**B. Tech. (CSE) – Academic Year 2020-21**

**Section A**

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| **S. No** | **Roll No** | **Guide Name** | **Title** | **Research Domain** |
| 1 | 178W1A0547 | Dr. P. Ramesh Kumar | Iwepam - Intelligent Warehouse Environmental Parameters Analysis and Monitoring | Artificial Intelligence/Machine Learning |
| 2 | 178W1A0548 | Dr. G. Anuradha |
| 3 | 178W1A0551 |
| 4 | 178W1A0510 |
| 5 | 178W1A0530 | Dr. D. RajeswaraRao | Machine Learning Model for Sales Forecasting | Artificial Intelligence/Machine Learning |
| 6 | 178W1A0540 |
| 7 | 188W5A0506 |
| 8 | 178W1A0557 | Dr. K. Srinivas | Intelligent Smart Cooker | Artificial Intelligence/Machine Learning |
| 9 | 178W1A0507 |
| 10 | 188W5A0501 |
| 11 | 188W5A0505 | Dr. S. Vasavi | Change Detection in Urban Satellite Images Using Deep Learning Techniques | Artificial Intelligence/Machine Learning |
| 12 | 178W1A0544 |
| 13 | 178W1A0541 |
| 14 | 178W1A0519 | Dr. Ch. Rupa | Multimedia Encryption Using Chaotic Logistic Map Function | Computer Networks and Information Security |
| 15 | 178W1A0504 |
| 16 | 178W1A0559 |
| 17 | 188W5A0502 | Dr. G. Kranthi Kumar | Social Distance Detection Model Using Deep Learning | Artificial Intelligence/Machine Learning |
| 18 | 188W5A0511 |
| 19 | 178W1A0509 | Mrs. M.V. PujithaMr. S. Ashutosh | Machine Learning Model to Predict Construction Cost of a Building | Artificial Intelligence/Machine Learning |
| 20 | 178W1A0512 |
| 21 | 178W1A0546 |
| 22 | 168W1A0555 |
| 23 | 178W1A0523 | Mr. ARV. Prathap | Emotion Based Movie and Music Recommendation System | Artificial Intelligence/Machine Learning |
| 24 | 178W1A0506 |
| 25 | 178W1A0556 | Mr. VVNV. Phani Kumar | Image Summarizer Using Deep Learning | Artificial Intelligence/Machine Learning |
| 26 | 178W1A0502 |
| 27 | 178W1A0554 |
| 28 | 178W1A0555 |
| 29 | 178W1A0511 | Mr. D. Suresh Babu | Voice Enabled Virtual Assistant | Big Data and Data Analytics |
| 30 | 178W1A0505 |
| 31 | 178W1A0538 |
| 32 | 178W1A0525 |
| 33 | 178W1A0522 | Mr. V. Sandeep | Multi-Class Classification of Brain Tumour Using Deep Learning Network | Artificial Intelligence/Machine Learning |
| 34 | 178W1A0508 |
| 35 | 188W5A0503 |
| 36 | 178W1A0532 | Mr. U. PrabhuMr. N. Sunny | Driver Drowsiness Detection System Using Neural Networks and Computer Vision | Artificial Intelligence/Machine Learning |
| 37 | 178W1A0531 |
| 38 | 188W5A0504 |
| 39 | 188W5A0510 |
| 40 | 178W1A0552 | Mrs. M. Srilatha | Classification And Prediction of Snake Species Using Machine Learning | Artificial Intelligence/Machine Learning |
| 41 | 178W1A0503 |
| 42 | 178W1A0520 |
| 43 | 188W5A0508 |

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**Section B**

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| **S. No** | **Roll No** | **Guide** | **Title** | **Research Domain** |
| 1 | 178W1A05B0 | Dr. D. Rajeswara Rao | Crop Yield Prediction Using Random Forest Algorithm | Artificial Intelligence /Machine Learning |
| 2 | 188W5A0519 |
| 3 | 188W5A0523 |
| 4 | 178W1A05A0 | Dr. K. Srinivas | COVID-19 Outbreak Analysis and Prediction in India | Artificial Intelligence /Machine Learning |
| 5 | 178W1A05B7 |
| 6 | 178W1A0596 |
| 7 | 178W1A0568 |
| 8 | 178W1A05A7 | Dr.Ch. Anuradha | Virtual Sketch Using OpenCV | Big Data and Data Analytics |
| 9 | 178W1A0590 |
| 10 | 178W1A05A6 |
| 11 | 178W1A0578 | Dr. P. Rizwan | Covid-19 Diagnosis from Chest X-Rays Using CNN and Determining Severity Using Text Analysis | Artificial Intelligence/Machine Learning |
| 12 | 178W1A0587 |
| 13 | 178W1A0599 |
| 14 | 178W1A0564 | Dr. Ch. Rupa | Geographic Globe Data Visualization Using Augmented Reality | Computer Networks and Information Security |
| 15 | 178W1A0576 |
| 16 | 178W1A0588 |
| 17 | 178W1A05B8 |
| 18 | 178W1A0581 | Dr. D. Rajeswara Rao | Customer Churn Prediction in Telecom Using Machine Learning in Big Data Platform | Artificial Intelligence/Machine Learning |
| 19 | 178W1A0592 |
| 20 | 188W5A0522 |
| 21 | 178W1A0562 | Mrs. S. Rajeswari | Classification Of Road Cracks Using Deep Neural Networks | Artificial Intelligence/Machine Learning |
| 22 | 178W1A0572 |
| 23 | 178W1A0584 |
| 24 | 188W5A0518 |
| 27 | 188W5A0520 |
| 28 | 178W1A05A2 |
| 29 | 178W1A0571 | Mr. B. Jayanag | Classification Of Hotel Reviews Using Sentiment Analysis | Artificial Intelligence/Machine Learning |
| 30 | 178W1A05B4 |
| 31 | 178W1A05A8 |
| 32 | 188W5A0515 |
| 33 | 178W1A0567 | Mr. B. Jayanag | Framework For Human Activity Recognition | Artificial Intelligence/Machine Learning |
| 34 | 178W1A05A9 |
| 35 | 178W1A05B2 |
| 36 | 178W1A05B1 | Mr. S. Ravikishan | Classification And Separation of WhatsApp Images Using ML | Artificial Intelligence/Machine Learning |
| 37 | 178W1A05B9 |
| 38 | 178W1A0577 |
| 39 | 188W5A0517 |
| 40 | 178W1A0574 | Mr. S. Ravikishan | Image Synopsis Generating System Built Using Deep Learning | Artificial Intelligence/Machine Learning |
| 41 | 178W1A0595 |
| 42 | 188W5A0524 |
| 43 | 188W5A0514 |
| 44 | 188W5A0513 |
| 45 | 178W1A0565 | Mr. Mastan Meera | Prediction Of Diabetes and Recommendation of Insulin Dosage | Artificial Intelligence/Machine Learning |
| 46 | 178W1A0594 |
| 47 | 178W1A0597 |
| 48 | 178W1A05C0 |
| 49 | 178W1A0566178W1A0598178W1A0582178W1A05B6 | Dr. K. Suvarna Vani | Pattern Analysis on Covid-19 Protein 3D Structures | Artificial Intelligence/Machine Learning |
| 50 | 178W1A05A5178W1A0563178W1A0589188W5A0516 | Mr. Rajesh | Handwritten Digit Recognition Using CNN | Artificial Intelligence/Machine Learning |

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**Section C**

|  |  |  |  |  |
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| **S. No** | **Roll No** | **Guide Name** | **Title** | **Research Domain** |
| 1 | 178W1A05H8 | Dr M. Sobhana | Family Expenditure Analysis and Income Prediction Using Machine Learning | Artificial Intelligence/Machine Learning |
| 2 | 178W1A05G0 |
| 3 | 178W1A05C6 | Dr K. L. Sailaja | Hsvgvas: HSV Colour Model to Recognize Greenness of Forest Land for The Estimation of Change In The Vegetation Areas | Image Processing andComputer Vision |
| 4 | 178W1A05C8 |
| 5 | 178W1A05E8 |
| 6 | 168W1A05F4 |
| 7 | 178W1A05D5 | Dr. G. Kranthi Kumar | Hand Gesture Controlled Contactless Elevator | Artificial Intelligence/Machine Learning |
| 8 | 178W1A05G8 |
| 9 | 178W1A05G4 | Ch. Raga Madhuri | Speech Mentor for Visually Impaired People | Artificial Intelligence/Machine Learning |
| 10 | 178W1A05F2 |
| 11 | 178W1A05F6 | Dr. G. Krishna Kishore | Medical Service Chatbot for Basic Medication | Computer Networks and Information Security |
| 12 | 178W1A05F9 |
| 13 | 178W1A05E3 |
| 14 | 178W1A05E6 |
| 15 | 178W1A05D3 |
| 17 | 178W1A05H5 |
| 18 | 178W1A05G6 |
| 19 | 188W5A0530 |
| 20 | 188W5A0535 |
| 21 | 178W1A05C2 | Mrs. K.S. Vijaya Lakshmi | Cricket Commentary Classification | Artificial Intelligence/Machine Learning |
| 22 | 178W1A05E9 |
| 23 | 178W1A05D0 |
| 24 | 188W5A0529 |
| 25 | 178W1A05E7 | Mrs. V. Deepa | Transfiguring Handwritten Text and Typewritten Text | Artificial Intelligence/Machine Learning |
| 26 | 178W1A05D9 |
| 27 | 178W1A05D1 |
| 28 | 178W1A05D8 | Dr. K. Praveen Kumar | Robotic Vehicle Control by Hand Gestures of Authorized Users | Big Data and Data Analytics |
| 29 | 178W1A05D6 |
| 30 | 188W5A0536 |
| 31 | 178W1A05H6 | Dr G. Krishna Kishore | Tracking Of Human Activities | Computer Networks and Information Security |
| 32 | 178W1A05D2 |
| 33 | 178W1A05H3 |
| 34 | 178W1A05E0 |
| 35 | 178W1A05F4 | Dr. K. Praveen Kumar | Efficient Recommender System for Over-The-Top Media Services | Big Data and Data Analytics |
| 36 | 178W1A05H1 |
| 37 | 178W1A05G5 |
| 38 | 188W5A0525 |
| 39 | 178W1A05C5 | Mr. S. Babu | Covid19 Gateway Kit | Big Data and Data Analytics |
| 40 | 178W1A05E1 |
| 41 | 178W1A05G1 |
| 42 | 188W5A0526 |
| 43 | 178W1A05F5 | Mr. A. Jitendra | Recommender System for Railway Track Garbage Cleaning | Big Data and Data Analytics |
| 44 | 178W1A05G9 |
| 45 | 178W1A05C3 |
| 46 | 178W1A05C1 |
| 47 | 178W5A0531 |
| 48 | 178W1A05C9 | Dr. K. Suvarna Vani | Evaluation Of Support to Beneficiaries Under Pmay Using Clustering Techniques | Artificial Intelligence/Machine Learning |
| 49 | 178W1A05G2 |
| 50 | 178W1A05H2 |
| 51 | 178W1A05F8 |
| 52 | 178W1A05G7 | Mr. J. Ranga Rao | Visual Question Answering Using Convolutional Neural Networks and Random Forest Classifier | Artificial Intelligence/Machine Learning |
| 53 | 178W1A05H0 |
| 54 | 188W5A0531 |
| 55 | 188W5A0532 |
| 56 | 178W1A05G3 | Mr J. V. D Prasad | Stock Price Forecasting Using Machine Learning Models | Artificial Intelligence/Machine Learning |
| 57 | 178W1A05C4 |
| 58 | 178W1A05D4 |
| 59 | 188W5A0527 |
| 60 | 178W1A05F0 | Dr. G. Anuradha | Brain Tumour Detection and Classification Using RNN(LSTM) | Artificial Intelligence/Machine Learning |
| 61 | 188W5A0533 |
| 62 | 178W1A05E5 |