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

**B. Tech. (CSE) – Academic Year 2021-22**

**Section A**

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| **Batch no** | **Roll numbers** | **Title** | **Guide name** | **Research Domain** |
| 1 | 188W1A0532, 188W1A0550 | PCB Defect Detection Using Deep Learning Techniques | Dr. B. Jayanag | Artificial Intelligence/Machine Learning |
| 2 | 188W1A0514, 188W1A0513 | Comparative Study on Bamboo Classification Using Supervised Learning Techniques | Dr. K. Suvarna Vani | Artificial Intelligence/Machine Learning |
| 3 | 188W1A0544,188W1A0522 | Bamboo Classification Using Supervised Learning | Dr. K. Srinivas | Big Data and Data Analytics |
| 4 | 188W1A0545,188W1A0535 | Building Flexibility Using Big Data Analytics | Mr. S. Ravi Kishan | Big Data and Data Analytics |
| 5 | 188W1A0542, 523 | Crop Yield Prediction Using PSO DNN Techniques | Dr. M. Sobhana | Artificial Intelligence/Machine Learning |
| 6 | 188W1A0504, 188W1A0543 | A Deep Learning Model For Ear Detection And Identification Using Pytorch | Dr. P. Ramesh Kumar | Image Processing and Computer Vision |
| 7 | 188W1A0521, 188W1A0539, 188W1A0519 | Prediction Of Poverty Rate and Population Density Using Machine Learning with Global Satellite Imagery | Dr. K. Suvarna Vani | Artificial Intelligence/Machine Learning |
| 8 | 188W1A0510,188W1A0512, 198W5A0504 | Brain Tumor Detection and Localization | Dr. B. Jayanag | Artificial Intelligence/Machine Learning |
| 9 | 188W1A0548, 198W5A0501, 188W1A0557 | Road Extraction From Remote Sensing Images | Dr. G. Anuradha | Artificial Intelligence/Machine Learning |
| 10 | 188W1A0502,188W1A0515,188W1A0501 | Autism Spectrum Disorder Detection | Mrs. M Vani Pujitha | Artificial Intelligence/Machine Learning |
| 11 | 188W1A0546  188W1A0538  188W1A0530 | The Two-Dimensional Bin Packing Problem Using Evolutionary Algorithm | Mr. U. Prabu | Computer Networks and Information Security |
| 12 | 188W1A0512, 188W1A0506, 198W1A0502 | Predicting Academic Course Preference | Mr. A. Jitendra | Big Data and Data Analytics |
| 13 | 188W1A0549, 188W1A0537, 188W1A0554 | Realistic Super Resolution Gan | Dr. K. Praveen Kumar | Computer Networks and Information Security |
| 14 | 188W1A0536, 198W5A0503,  198W5A0506 | A Novelistic Approach To Perform Atmospheric, Geometric And Radiometric Corrections | Dr. K. Srinivas | Big Data and Data Analytics |
| 15 | 188W1A0533, 188W1A0556, 198W5A0505 | Housing Price, Road Length, Forest Area Prediction Using Siml | Dr. K. Suvarna Vani | Artificial Intelligence/Machine Learning |
| 16 | 188W1A0507,188W1A0553,188W1A0541 | Bird Species Identification Using Deep Learning | Mr. S.Ravi Kishan | Artificial Intelligence/Machine Learning |
| 17 | 188W1A0529,188W1A0508,188W1A0505 | Feature Classification of Phishing Websites Based On Extreme Learning Machine | Dr. D. Rajeswara Rao | Artificial Intelligence/Machine Learning |
| 18 | 188W1A0540,188W1A0552,188W1A0559 | Construction Worker Helmet Detection Using Deep Learning | Mr. D. Suresh Babu | Artificial Intelligence/Machine Learning |
| 19 | 188W1A0517, 188W1A0526, 188W1A0520 | Disk Failure Prediction Model Based On Radial Basis Function Neural Network | Dr. M. Sobhana | Artificial Intelligence/Machine Learning |
| 20 | 188W1A0503, 188W1A0516, 188W1A0531 | Youtube Video Transcript Summarizer | Dr. B. Jayanag | Artificial Intelligence/Machine Learning |
| 21 | 188W1A0547,188W1A0555,198W5A0507 | Cloud Detection Using CNN | Dr. K. Srinivas | IoT, Cloud Computing and Ubiquities Computing |
| 22 | 188W1A0511, 188W1A0558,1188W1A0525 | Personalized Fashion Recommendation System Using Machine Learning | Dr. D Rajeswara Rao | Artificial Intelligence/Machine Learning |
| 23 | 188W1A0524  188W1A0534  188W1A0518 | Detection Of Clouds Using Fully Connected Neural Network FCNN | Dr. P. Ramesh Kumar | IoT, Cloud Computing and Ubiquities Computing |
| 24 | 188W1A0528 | UAV Corn Crop Semantics With DL | Dr. P. Ramesh Kumar | Artificial Intelligence/Machine Learning |

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**Section B**

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| --- | --- | --- | --- | --- |
| **Batch no** | **Roll numbers** | **Title** | **Guide name** | **Research Domain** |
| 1 | 188W1A05A0, 188W1A05B4 | Secure Cloud Model to Preserve Privacy of Bonafide Satellite Landslide Image Data | Dr. Ch. Rupa | IoT, Cloud Computing and Ubiquities Computing |
| 2 | 188W1A0569, 188W1A05A7 | Classification of Retinal Diseases Using Deep Learning Techniques | Dr. K. Suvarna Vani | Artificial Intelligence/Machine Learning |
| 3 | 188W1A05A5, 188W1A0560 | Object Classification for Drone Video | Dr. S. Vasavi | Image Processing and Computer Vision |
| 4 | 188W1A0599,188W1A05B3 | Detection And Estimation of Change in Area Covered By Waterbody Using Autoencoder In Satellite Images. | Dr. G. Anuradha | Artificial Intelligence/Machine Learning |
| 5 | 188w1a0574, 188w1a0566, 188w1a0561 | Project Of 3d Image on Target Surface Using Ransac | Dr. G. Kranthi Kumar | Image Processing and Computer Vision |
| 6 | 188W1A0594, 188W1A0589, 188W1A0587 | Sign Language Recognition for Deaf and Dumb | Dr. G. Anuradha | Artificial Intelligence/Machine Learning |
| 7 | 188W1A0564,188W1A0593,188W1A0577 | Face Frontalization Using GANs | Dr. K. S Vijaya Lakshmi | Artificial Intelligence/Machine Learning |
| 8 | 188W1A05A4, 188W1A0591, 188W1A0562 | Stress Management System | Dr. G Kranthi Kumar | Artificial Intelligence/Machine Learning |
| 9 | 188W1A05B5,188W1A05B6, 188W1A05B7 | Quality Enhancement for Drone Based Video | Dr. S Vasavi | Image Processing and Computer Vision |
| 10 | 188w1a0573, 188w1a0590, 188w1a0592 | A Deep Learning Framework for Human Action Recognition on YouTube Videos | Dr. K. Praveen Kumar | Artificial Intelligence/Machine Learning |
| 11 | 188W1A0586, 188W1A0580, 188W1A0585 | Energy Efficient Virtual Machine Placement in IAAS Cloud | Dr. G. Arun Kumar | IoT, Cloud Computing and Ubiquities Computing |
| 12 | 188W1A0586, 188W1A0580, 188W1A0585 | Fire Alert and Air Monitoring System | Mrs. M. Madhavi | IoT, Cloud Computing and Ubiquities Computing |
| 13 | 188W1A0584,188W1A0588,188W1A05A8 | Crop Recommendation and Crops Disease Detection System | Mr. V. Sandeep | Artificial Intelligence/Machine Learning |
| 14 | 188W1A05A1, 188W1A05A2, 188W1A0565 | Disease Prediction Using Symptoms | Mr. N. Sunny | Image Processing and Computer Vision |
| 15 | 188w1a0571,188w1a0572,188w1a0583 | Detection And Classification of Various Types of Leukemia Using Machine Learning | Mrs. S. Rajeswari | Artificial Intelligence/Machine Learning |
| 16 | 188W1A0596, 188W1A05A6, 198W5A0510 | Classification Of Life Span After Thoracic Surgery | Mr. Ch.Mukesh | Computer Networks and Information Security |
| 17 | 188W1A0567,188W1A0579,198W5A0512 | Underwater Image Processing and Super Resolution for Improved Visual Perception | Dr. Ch. Anuradha | Big Data and Data Analytics |
| 18 | 188W1A05A9, 188W1A05B2, 198W5A0513 | Meeting Summarizer | Mr. S. Ravi Kishan | Big Data and Data Analytics |
| 19 | 188W1A05B0,188W1A05B1,178W1A05A3 | Identification Of Nutrient Deficiency in Rice Plants Using Deep Learning Based Mobile Application | Dr. M. Sobhana | Artificial Intelligence/Machine Learning |
| 20 | 188W1A0578, 188W1A0598, 198W5A0509 | Detection Of Parkinson's Disease Using Drawings Drawn by A Person | Mrs. V. Deepa | Artificial Intelligence/Machine Learning |
| 21 | 188W1A0570, 188W1A0575, 188W1A0582 | Secure Smart Room with Intelligent Power Management | Dr. Ch. Rupa Mam | Computer Networks and Information Security |
| 22 | 188W1A0576, 188W1A0581, 198W5A0511 | Traffic Accident Prediction by Vehicle Tracking | Mrs. M. Srilatha | IoT, Cloud Computing and Ubiquities Computing |
| 23 | 188W1A0568,198W5A0508,198W5A0514 | Digital Watermarking Based on DCT Algorithm | Dr. Ch. Rupa | Computer Networks and Information Security |

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**Section C**

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| --- | --- | --- | --- | --- |
| **Batch no** | **Roll numbers** | **Title** | **Guide name** | **Research Domain** |
| 1 | 188W1A05C0, 188W1A05F7 | Network Intrusion detection system | Dr. K. Praveen Kumar | Computer Networks and Information Security |
| 2 | 188W1A05C1,188W1A05H3,198W5A0516 | A RL based approach for Minimizing the Maximum Link Utilization in HSDN | Mr. U. Prabu | Computer Networks and Information Security |
| 3 | 188W1A05C6,188W1A05C2,188W1A05C4 | Bitcoin Price Prediction | Mr. M M Meera Durga | Artificial Intelligence/Machine Learning |
| 4 | 188W1A05C8, 188W1A05H7, 188W1A05H4 | Comparative analysis of Mineral identification using CNN and Random Forest | Dr. D. Rajeswara Rao | Artificial Intelligence/Machine Learning |
| 5 | 188W1A05D6,  188W1A05C7 | Security Based Deep Learning Model to Detect Ships from Satellite Imagery | Dr. Ch. Rupa | Computer Networks and Information Security |
| 6 | 188W1A05D6 188W1A05C7 | Hash Based Deep Learning Model to Detect Ships From Satellite Imagery | Dr. Ch. Rupa | Artificial Intelligence/Machine Learning |
| 7 | 188W1A05D8, 198W5A0517, 198W5A0518 | Diabetes Prediction Using Machine Learning | Dr.Ch. Anuradha | Artificial Intelligence/Machine Learning |
| 8 | 188W1A05D9, 188W1A05G5 | Change detection classification of buildings from high resolution images | Dr. S. Vasavi | Image Processing and Computer Vision |
| 9 | 188W1A05E1,188W1A05G7,188W1A05G9 | Machine Learning- Based Approach to Predict Energy Consumption | Mr. A. Raghu Vira Pratap | Artificial Intelligence/Machine Learning |
| 10 | 188W1A05E2, 188W1A05E6, 188W1A05B9 | Disease Predictions based on symptoms using pipeline model | Mr. S. Rajesh | IoT, Cloud Computing and Ubiquities Computing |
| 11 | 188W1A05E3,188W1A05F5 | Human Activity Recognition with Deep Learning | Dr. G. Kranthi Kumar | Artificial Intelligence/Machine Learning |
| 12 | 188W1A05E5,188W1A05G1 | Multi-Objective virtual Machine placement using ACO | Dr.S. Vasavi | Artificial Intelligence/Machine Learning |
| 13 | 188W1A05E8,188W1A05F9,188W1A05D3 | Heart Disease Prediction Using AutoML | Dr. K. Suvarna  Vani | Artificial Intelligence/Machine Learning |
| 14 | 188W1A05F3, 188W1A05E9, 188W1A05C3 | Landmark Recognition and Retrieval Using Resnet And Delf | Mrs. K.L. Sailaja | Image Processing and Computer Vision |
| 15 | 188W1A05F4,188W1A05H2,198W5A0521 | Identification Of Suspicious Persons Using Deep Learning | Dr. D. Rajeswara Rao | Artificial Intelligence/Machine Learning |
| 16 | 188W1A05E7 | Detection and counting of trees in aerial images using image processing techniques | Mr. J V D Prasad | Image Processing and Computer Vision |
| 17 | 188W1A05F8,188W1A05D5,188W1A05C9 | Food Segmentation and calorie estimation using deep learning model | Mr. Ashutosh  Satapathy | Image Processing and Computer Vision |
| 18 | 188w1a05G0, 188w1a05D0, 188w1a05F1 | User personality prediction in rumor propagation across digital footprints | Mrs. Ch. Raga Madhuri | Artificial Intelligence/Machine Learning |
| 19 | 188W1A05G2, 188W1A05G3 | A Comprehensive Analysis and Design Of Land Cover Usage From Satellite Images Using Machine Learning Algorithms | Dr. D. Rajeswara Rao | Artificial Intelligence/Machine Learning |
| 20 | 188W1A05H0, 198W5A0515, 188W1A05H6 | Brain tumor detection using Machine Learning | Mr. S. Babu | Artificial Intelligence/Machine Learning |
| 21 | 188W1A05H5, 188W1A05G8, 198W5A0519 | Energy Efficient VM Placement Using Cat Swarm Optimization Algorithm | Mr. Ashutosh Satapathy | Artificial Intelligence/Machine Learning |
| 22 | 188W1A05G4, 188W1A05D7, 198W5A0520 | Health status prediction using big data analytics | Mr. J. Ranga Rao | Big Data and Data Analytics |
| 23 | 188W1A05G6,188W1A05D4, 188W1A05F0 | Coastal line change analysis using Google Earth Engine and QGIS | Dr. K L Sailaja | Big Data and Data Analytics |
| 24 | 188W1A05H1, 188W1A05C5 | A Hybrid Approach for Classification of Water Vessels Using Incv3-Xc Model | Dr. K. Srinivas | Big Data and Data Analytics |