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

**IV/IV MINI PROJECT, ACADEMIC YEAR 2021-22**

**BATCH LIST (SEC-A)**

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| **Batch Number** | **Team Members** | **Roll number** | **Title** | **Guide** |
| 1 | M. J. S. S. Vaishnavi  Shaik Sameer | 188W1A0532  188W1A0550 | PCB defect detection using deep learning techniques | Mr. B.Jayanag |
| 2 | Janani Chennupati  Ch.Nandini Priyanka | 188W1A0514  188W1A0513 | A review on bamboo classification using unsupervised learning techniques and neural networks | Dr. K.Suvarna Vani |
| 3 | Puttagunta Yamini  Kadiyala Pujitha | 188W1A0544  188W1A0522 | bamboo classification using supervised learning | Dr.K.Srinivas |
| 4 | R.Maheswari  M.Rashmitha | 188W1A0545  188W1A0535 | Building flexibility using big data analytics | Sri Ravi Kishan Sir |
| 5 | Pragathi Tummala  Sruthi Kakumani | 188W1A0542  188W1A0523 | Crop yield prediction using PSO DNN Techniques | Dr. M. Sobhana |
| 6 | Badri Deva Kumar  Sriram Pulivarthi | 188W1A0504  188W1A0543 |  | Dr. P. Ramesh Kumar |
| 7 | Jonnadula Prasanna  M. Samuel Mories  G. Harsha Vardhan | 188W1A0521  188W1A0539  188W1A0519 | Prediction of Poverty Rate and Population Density using Machine Learning with Global Satellite Imagery | Dr. K. Suvarna Vani |
| 8 | B. Durga Niharika  K. Lakshmi Sri  P.Navya Sri | 188w1a0510  188w1a0527  198w5a0504 | Measuring the size of object in the image | Mr. B.Jayanag |
| 9 | Sk. Abdul Rasheed  Byraboyina Sumathi  Vemuri Sravani | 188W1A0548  198W5A0501  188w1a0557 | Road extraction from remote sensing images | Dr. G. Anuradha |
| 10 | A.Surya Teja  D.Mounika  A.Sai Abhay | 188W1A0502  188W1A0515  188W1A0501 | Autism spectrum disorder detection techniques | Mrs. M.Vani Pujitha |
| 11 | R. Jagadeesh Babu  Miriyam Kondal Rao  Kothakota Sai Teja | 188W1A0546  188W1A0538  188W1A0530 | Optimal placement of goods in a container using knapsack | Dr. G.Arun Kumar |
| 12 | Ch. Charitha Sree  P. Bhavishya  D.Vasundhara | 188w1a0512  188w1a0506  198w5a0502 | Predicting Academic Course Preference | Mr. A.Jitendra |
| 13 | Shaik Ameer Baji  Rohith Matta  Vale Raja Abhishek | 188W1A0549  188W1A0537  188W1A0554 | Super resolution using deep learning | Dr. K. Praveen Kumar |
| 14 | M. Gurudatta Tej  Nampalli Sesha Sai  Tummala Omkar | 188W1A0536  198W5A0503  198W5A0506 | Atmospheric, Geometric and Radiometric correction of satellite Images | Dr.K.Srinivas |
| 15 | Manam Pavan Sai  V. Amaleswara Rao  Polimetla Poul | 188W1A0533  188W1A0556  198W5A0505 | Housing price, road length, forest area prediction using SIML | Dr. K. Suvarna Vani |
| 16 | B. Harsha Vardhan  T. Monish  Potluri Srihita | 188W1A0507  188W1A0553  188W1A0541 | Bird Species Identification using deep learning | Sri S. Ravi Kishan |
| 17 | K. Kavya  B. Krupa  R.Bharath | 188W1A0529  188W1A0508  188W1A0505 | Feature classification of phishing websites based on extreme learning machine | Dr. D Rajeswara Rao |
| 18 | Nikhil Chalasani  Charan Tatineni  K. Hema Sai | 188W1A0540  188W1A0552  188W1A0559 | Construction worker helmet detection using Deep learning | Mr. D. Suresh Babu |
| 19 | G. Siva Sai Preethi  K. Bhanu Sujitha  G. Harsha Sri | 188W1A0517  188W1A0526  188W1A0520 | Improved Reliability Prediction Based on Spider Monkey Optimization and Artificial Neural Network | Dr. M. Sobhana |
| 20 | A. N. S. Sri Vybhavi  Jahnavi Duvvuru  L. Valli Saroja | 188W1A0503  188W1A0516  188W1A0531 | YOUTUBE VIDEO TRANSCRIPT SUMMARIZER | Mr. B. Jayanag |
| 21 | S.V.D Pratap  V. Narasimha  U. Aswini | 188W1A0547  188W1A0555  198w5A0507 | Removal of cloud shadow and topographic of satellite images | Dr. K. Srinivas |
| 22 | Chalasani Roshini  Manchala Jahnavi  K.Prathyusha | 188W1A0511  188W1A0558  188W1A0525 | Pattern discovery using various clustering algorithms | Dr. D Rajeswara Rao |
| 23 | K. Hemanth Kumar  Mannava Tarun  Gopisetti Sridhar | 188W1A0524  188W1A0534  188W1A0518 | Detection of clouds using fully connected neural network FCNN | Dr. P. Ramesh Kumar |
| 24 | K.Sudheer  B. Gireeshma  G.ShanmukhSainadh | 188W1A0528  188W1A0509  188W1A0551 | UAV Corn Crop Semantics with DL | Dr. P. Ramesh Kumar |

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

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**BATCH LIST (SEC-B)**

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| **Batch Number** | **Team Members** | **Roll Number** | **Title** | **Guide** |
| 1 | Ponugumati Akshitha, Yarajarla Lakshmi Venkata Naga Sree | 188W1A05A0,  188W1A05B4 | Secure Cloud Model to Preserve Privacy of Bonafide Satellite Landslide Image Data | Dr. Ch. Rupa |
| 2 | Lohitha Boyina, Yamini Tankasala | 188W1A0569,  188W1A05A7 | Classification Of Retinal Images Using Deep Learning Techniques | Dr. K. Suvarna Vani |
| 3 | Sree Soumyaa Dupaguntla, Aishwarya Chengalvala | 188W1A05A5,  188W1A0560 | Object Classification for Drone Video | Dr. S. Vasavi |
| 4 | Sree Soumya Dupaguntla, Aishwarya Chengalvala | 188W1A05A5,  188W1A0560 | Object Classification for Drone Video | Dr. S. Vasavi |
| 5 | P. Alekhya, V. Prakash | 188W1A0599,  188W1A05B3 | Detection And Estimation of Change in Wetland Area Using Autoencoder in Satellite Images | Dr. G. Anuradha |
| 6 | Divya Sai Asanvitha, Asmi Firdaus, Saranya Alamuri | 188W1A0574,  188W1A0566,  188W1A0561 | Project Of 3d Image on Target Surface Using Ransac | Dr. G. Kranthi Kumar |
| 7 | Srihari Meeniga, Immanuel Paul, Maheshwar Kilaru | 188W1A0594,  188W1A0589,  188W1A0587 | Sign Language Recognition for Deaf and Dumb | Dr. G. Anuradha |
| 8 | A V Sai Srujan, M Sandeep, G Nithin Teja | 188W1A0564,  188W1A0593,  188W1A0577 | Face Frontalization Using Gan's | Mrs. K S Vijaya Lakshmi |
| 9 | Routhu Ramya Dedeepya, Likhita Chowdary Koneru, Angadi Lakshmi | 188W1A05A4,  188W1A0591,  188W1A05C62 | Stress Management System | Dr. G. Kranthi Kumar |
| 10 | Vedavyas Yarraguntla, Sri Harsha Seelamneni, Sai Subhash Manam | 188W1A05B5,  188W1A05B6,  188W1A05B7 | Quality Enhancement for Drone Based Video | Dr. S Vasavi |
| 11 | Rahul Darelli , Lanka Pavani Venkata Satya Mahathi , Machavarapu Venkata Koushik | 188W1A0573,  188W1A0590,  188W1A0592 | Human Action Recognition | Dr K Praveen Kumar |
| 12 | Kesari Jithendra Reddy,Jasthi Siva Sai, Katta Kanishka | 188W1A0586,  188W1A0580,  188W1A0585 | Energy Efficient Virtual Machine Placement In Iaas Cloud | Dr G Arun Kumar |
| 13 | K.Gnana Sandhya,K.Sai Deeksha,T.Anvitha | 188W1A0584,  188W1A0588,  188W1A05a8 | Crop Recommendation System Using Machine Learning | Mr.V.Sandeep |
| 14 | Pothana Hema, Raavi Venkata Naganjani, Arunarkavalli Darbha | 188W1A05A1,  188W1A05A2,  188W1A0565 | Disease Prediction Using Symptoms | Mr.N.Sunny |
| 15 | Ch. Siva Vasanth, Ch. Bhavana, K.Sethu Sandeep | 188W1A0571,  188W1A0572,  188W1A0583 | Detection And Classification of Leukemia Using Machine Learning | Mrs. S. Rajeswari |
| 16 | M.Namitha, M. Suma Anusha, G. Bhavana | 188W1A0596,  188W1A05A6  198W5A0510 | Classification Of Life Span After Thoracic Surgery | Mr. Ch. Mukesh |
| 17 | Battu Preethi, Itta Harshitha, Malleboina Monika | 188W1A0567,  188W1A0579,  198W5A0512 | Underwater Image Restoration and Enhancement Using Deep Learning Techniques | Dr. Ch. Anuradha |
| 18 | Vadlamudi Geethika, Vemuru Naveena, Surendhra Vangapalli | 188W1A05A9,  188W1A05B2,  198W5A0513 | Meeting Summarizer | Mr. S. Ravi Kishan |
| 19 | Vallabhaneni Raga Sindhuja,Vasireddy Tejaswi,Polvarpu Durgesh | 188W1A05B0,  188W1A05B1,  178W1A05A3 | Identification Of Nutrient Deficiency in Rice Plants Using Deep Learning Based Mobile Application | Dr. M. Sobhana |
| 20 | G.V.Dhruva Kumar , Vineela , Emmanuel | 188W1A0578 ,  188W1A0598 ,  198W5A0509 | Detection Of Parkinson's Using Lightgbm | Ms. V. Deepa |
| 21 | Ch. Roop Kumar, D. Kamala Surya Teja, K. Pavan | 188W1A0570,  188W1A0575,  188W1A0582 | Secure Smart Room with Intelligent Power Management | Dr. Ch. Rupa Mam |
| 22 | G Bhanu Sekhar, J Srinivasulu, M Bhargav Chowdary | 188W1A0576,  188W1A0581,  198W5A0511 | Prediction Of Vehicle Accident in Video Surveillance Using Cloud | Mrs. M Srilatha |
| 23 | Dharmika Bobba, Haritha Damerla,Vineetha Yalakala | 188W1A0568,  198W5A0508,  198W5A0514 | Digital Watermarking Based on Dct Algorithm | Dr. Ch. Rupa |

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**BATCH LIST (SEC-C)**

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| --- | --- | --- | --- | --- |
| **Batch Number** | **Team Members** | **Roll Number** | **Title** | **Guide** |
| 1 | A. Mounika Durga, K. Rachana | 188W1A05C0,  188W1A05F7 | Network Intrusion Detection System | Dr. K. Praveen Kumar |
| 2 | Arakala Bhavani, Y.Ekshitha, A.Mounika | 188W1A05C1,  188W1A05H3,  198W5A0516 | Traffic Engineering in Software Defined Networks Using Machine Learning Techniques | Mr. U. Prabu |
| 3 | B.Bhavana,T.Bala Bhavagna, B.Lasya Priya | 188W1A05C6,  188W1A05C2,  188W1A05C4 | Bitcoin Price Prediction | Mr. M M Meera Durga |
| 4 | Ch Sandeep, K Rajini, Y Srikar | 188W1A05C8,  188W1A05H7,  188W1A05H7 | Mineral Identification Using Ann | Dr D Rajeswara Rao |
| 5 | Dodla Navya Shree,Dodda Venkata Lohitha Krishna | 188W1A05D2,  188W1A05D1 | Securing Healthcare Data Using Decentralized Approach | Dr. Rizwan Patan |
| 6 | G.Samhitha,Ch.Anusha | 188W1A05D6,  188W1A05C7 | Security Based Deep Learning Model to Detect Ships from Satellite Imagery | Dr. Ch. Rupa |
| 7 | G. Venkata Nikhil, B. Roja Pushpa, D. Srinivasa Rao | 188W1A05D8,  198W5A0517,  198W5A0518 | Diabetes Prediction Using Machine Learning | Dr. Ch. Anuradha |
| 8 | Hafeeza Samreen, Supriya Katragadda | 188A1A05d9,  188W1A05G5 | Class Identification in Buildings from Satellite Images Using Deep Learning | Dr. S Vasavi |
| 9 | K.Pradeep,T.Likhita,V.Sai Pavan | 188W1A05E1,  188W1A05G7,  188W1A05G9 | Machine Learning- Based Approach to Predict Energy Consumption | Mr. A. Raghu Vira Pratap |
| 10 | Sai Kumar Kommineni, Sai Sathya Maganti, Nadeem | 188W1A05E2,  188W1A05E6,  188W1A05B9 | Disease Prediction Based on Symptoms | Sri S. Rajesh |
| 11 | Kommuri Mohana Lakshmi Durga, Polukonda Jyotsna | 188W1A05E3,  188W1A05F5 | Human Activity Recognition with Deep Learning | Dr. G. Kranthi Kumar |
| 12 | Arundhathi Lakkireddy, Krishna Veni Saripalli | 188W1A05E5,  188W1A05G1 | Multi Objective Virtual Machine Placement Using ACO. | Dr G Arun Kumar |
| 13 | Medasani Hari Kumar, Kottamasu Sai Anila, Doppalapudi Sriram | 188W1A05E8,  188W1A05F9,  188W1A05D3 | Design And Implementation of a Decentralized Federated Learning Framework for IoE Applications | Dr. Rizwan Patan |
| 14 | P.Nikhil Chandra, M.Kalyan , B. Rishi Ram Naik | 188W1A05F3  188W1A05E9,  188W1A05C3 | Landmark Recognition and Retrieval Using Resnet and Delf | Dr. K.L. Sailaja |
| 15 | P. D. N Harsha Sai,V.V Sai Kiran,K.Rohith | 188W1A05F4,  188W1A05H2,  198W5A0521 | Smart Parking System Using Reinforcement Learning | Dr. Rizwan Patan |
| 16 | Tejaswi | 188W1A05F6 | Tree Crown Detection and Counting Using Deep Learning Techniques | Mr. JVD Prasad |
| 17 | R.Jaswanthi, E. Amrutha Tulasi, Ch. Bhavya Sree | 188W1A05F8,  188W1A05D5,  188W1A05C9 | Food Segmentation and Calorie Estimation Using Deep Learning Model | Mr. Ashutosh satapathy |
| 18 | S.Manikanta Kumar, G. Dhaanya Sai, M. Shyam Naik | 188W1A05G0,  188W1A05D0,  188W1A05F1 | User Personality Prediction in Rumor Propagation Across Digital Footprints. | Mrs. Ch. Raga Madhuri |
| 19 | Shaik Ayesha Fathima, Shaik Noorjahan | 188W1A05G2,  188W1A05G3 | Land Cover Classification in Satellite Imagery | Dr D Rajeswara Rao |
| 20 | Veeranki Goutham, Abdul Sameerunnisa, Tugu Bhanu Prakash | 188H1A05H0,  198W5A0515,  188W1A05H6 | Brain Tumor Detection Using Machine Learning | Sri S.Babu |
| 21 | Chandana Gayathri Priya Darshini , Tummala Tejasri , Diveli Jacob Raj | 188W1A05H5,  188W1A05G8,  198W5A0519 | Energy Efficient Virtual Machine Placement Using Flower Pollination Algorithm | Dr. G. Arunkumar |
| 22 | Sk. Tajuddin, G. Leela Madhuri, K. Lalitha Ram | 188W1A05G4,  188W1A05D7,  198W5A0520 | Health Status Prediction Using Big Data Analytics | Mr. J. Ranga Rao |
| 23 | T.Sasank Dattu, D.Bhargav Reddy,M.Charan Teja | 188W1A05G6,  188W1A05D4,  188W1A05F0 | Coastline Change Detection Using K-Mean Clustering and Canny Edge Detector on Satellite Images | Dr. K. L. Sailaja |
| 24 | Veerla Charani Sri, Twinkle Mounami David Budithi | 188W1A05H1,  188W1A05C5 | Classification Of Underwater Vessels | Dr. K. Srinivas |