**Department of Computer Science and Engineering**

**Mini Project Batches 2020-21**

**Section A**

|  |  |  |  |
| --- | --- | --- | --- |
| **Reg. No** | **Guide Name** | **Title** | **Batch No.** |
| 178W1A0547 | P. Ramesh Kumar | IWePam - Intelligent Warehouse Environmental Parameters Analysis and Monitoring | A1 |
| 178W1A0548 |  | A1 |
| 178W1A0551 |  | A1 |
| 178W1A0553 |  | A1 |
| 178W1A0549 | D. Rajeswara Rao | Machine learning model for sales forecasting | A2 |
| 178W1A0530 |  | A2 |
| 178W1A0540 |  | A2 |
| 188W5A0506 |  | A2 |
| 178W1A0527 | K. Srinivas | Intelligent Smart Cooker | A3 |
| 178W1A0557 |  | A3 |
| 178W1A0507 |  | A3 |
| 188W5A0501 |  | A3 |
| 178W1A0535 | S. Vasavi | Change Detection in urban satellite images using Deep Learning Techniques | A4 |
| 178W1A0542 |  | A4 |
| 178W1A0544 |  | A4 |
| 178W1A0541 |  | Ocean wave modelling from satellite images using data assimilation techniques | A4 |
| 178W1A0536 | S. Vasavi | A5 |
| 178W1A0537 |  | A5 |
| 178W1A0539 |  | A5 |
| 188W5A0505 |  | Multimedia Encryption using Chaotic logistic map function | A5 |
| 178W1A0519 | Ch. Rupa | A6 |
| 178W1A0504 |  | A6 |
| 178W1A0526 |  | A6 |
| 178W1A0559 |  | A6 |
| 178W1A0528 | G. Anuradha | Brain tumour detection and classification using RNN(LSTM) | A7 |
| 178W1A0510 |  | A7 |
| 188W5A0507 |  | A7 |
| 178W1A0515 |  | A7 |
| 178W1A0550 | G. Kranthi Kumar | Social Distance Detection model using deep learning | A8 |
| 178W1A0501 |  | A8 |
| 188W5A0502 |  | A8 |
| 188W5A0511 |  | A8 |
| 178W1A0524 | M. Shobana | Visual Question answering using CNN and Random Forest classifier | A9 |
| 178W1A0533 |  | A9 |
| 178W1A0534 |  | A9 |
| 178W1A0560 |  | A9 |
| 178W1A0521 | M. V. Pujitha | Machine learning model to predict construction cost of a building | A10 |
| 178W1A0509 |  | A10 |
| 178W1A0512 |  | A10 |
| 178W1A0546 |  | A10 |
| 178W1A0517 | ARV. Pratap | Emotion based movie and music recommendation system | A11 |
| 178W1A0513 |  | A11 |
| 178W1A0523 |  | A11 |
| 178W1A0506 |  | A11 |
| 178W1A0556 | VVNV. Phani Kumar | Image Summarizer Using Deep Learning | A12 |
| 178W1A0502 |  | A12 |
| 178W1A0554 |  | A12 |
| 178W1A0555 |  | A12 |
| 178W1A0511 | D. Suresh Babu | Voice Enabled Virtual Assistant | A13 |
| 178W1A0505 |  | A13 |
| 178W1A0538 |  | A13 |
| 178W1A0525 |  | A13 |
| 178W1A0529 | V. Sandeep | Multi-Class Classification of Brain Tumour using Deep Learning Network | A14 |
| 178W1A0522 |  | A14 |
| 178W1A0508 |  | A14 |
| 188W5A0503 |  | A14 |
| 178W1A0532 | U. Prabhu | Driver Drowsiness Detection System using Neural Networks and Computer Vision | A15 |
| 178W1A0545 |  | A15 |
| 178W1A0531 |  | A15 |
| 178W1A0543 |  | A15 |
| 178W1A0514 | S. Ashutosh | Improve mineral mapping from hyper spectral images by a lite generative adversarial network | A16 |
| 178W1A0516 |  | A16 |
| 178W1A0558 |  | A16 |
| 168W1A0555 |  | A16 |
| 178W1A0518 | N. Sunny | Driver Drowsiness Detection System using Neural Networks and Computer Vision | A17 |
| 188W5A0512 |  | A17 |
| 188W5A0504 |  | A17 |
| 188W5A0510 |  | A17 |

**Department of Computer Science and Engineering**

**Mini Project Batches 2020-21**

**Section B**

|  |  |  |  |
| --- | --- | --- | --- |
| **Reg. No** | **Guide Name** | **Title** | **Batch No.** |
| 178W1A05D0 | D. Rajeswara Rao | Crop Yield Prediction using Random Forest Algorithm | B1 |
| 188W5A0523 |  | B1 |
| 178W1A0585 |  | B1 |
| 188W5A0519 |  | B1 |
| 178W1A05A0 | K. Srinivas | COVID-19 Outbreak Analysis and Prediction in India | B2 |
| 178W1A05B7 |  | B2 |
| 178W1A0596 |  | B2 |
| 178W1A0568 |  | B2 |
| 178W1A0593 | S. Niharika | Virtual Sketch Using Open CV | B3 |
| 178W1A0592 |  | B3 |
| 178W1A0581 |  | B3 |
| 188W5A0522 |  | B3 |
| 178W1A0578 | P. Rizwan | Covid-19 Diagnosis from Chest X-Rays Using CNN And Determining Severity Using Text Analysis | B4 |
| 178W1A0587 |  | B4 |
| 178W1A05A4 |  | B4 |
| 178W1A0599 |  | B4 |
| 178W1A0591 | Mastan Meera | Prediction of Diabetes and Recommendation of Insulin Dosage | B5 |
| 178W1A0594 |  | B5 |
| 178W1A0597 |  | B5 |
| 178W1A05C0 |  | B5 |
| 178W1A057 | Arun Kumar | Cloud based infrastructure monitoring using bat optimization on IaaS. | B6 |
| 178W1A05B3 |  | B6 |
| 188W5A0514 |  | B6 |
| 188W5A0513 |  | B6 |
| 178W1A05A7 | Ch. Anuradha | Virtual sketch using OpenCV | B7 |
| 178W1A0590 |  | B7 |
| 178W1A05A6 |  | B7 |
| 178W1A05B5 |  | B7 |
| 178W1A0562 | S. Rajeswari | Classification of Road Cracks using Deep Neural Networks | B8 |
| 178W1A0572 |  | B8 |
| 178W1A0584 |  | B8 |
| 188W5A0518 |  | B8 |
| 178W1A05A1 | Ch. Mukesh | Decentralized Vehicle Booking Service | B9 |
| 178W1A0583 |  | B9 |
| 188W5A0520 |  | B9 |
| 178W1A05A2 |  | B9 |
| 178W1A0571 | B. Jayanag | Classification of Hotel Reviews using Sentiment Analysis | B10 |
| 178W1A05B4 |  | B10 |
| 178W1A05A8 |  | B10 |
| 188W5A0515 |  | B10 |
| 178W1A0567 | B. Jayanag | Framework for Human Activity Recognition | B11 |
| 178W1A05A9 |  | B11 |
| 178W1A05B2 |  | B11 |
| 178W1A0586 |  | B11 |
| 178W1A05B1 | S. Ravi Kishan | Classification and Separation of WhatsApp Images Using ML | B12 |
| 178W1A05B9 |  | B12 |
| 178W1A0577 |  | B12 |
| 188W5A0517 |  | B12 |
| 178W1A0575 | S. Ravi Kishan | Image Synopsis Generating System Built Using Deep Learning | B13 |
| 178W1A0574 |  | B13 |
| 178W1A0595 |  | B13 |
| 188W5A0524 |  | B13 |
| 178W1A0564 | Ch. Rupa | Geographic Globe Data Visualization Using Augmented Reality | B14 |
| 178W1A0576 |  | B14 |
| 178W1A0588 |  | B14 |
| 178W1A05B8 |  | B14 |
| 178W1A05B6 | K. Suvarna Vani | Pattern analysis on covid-19 protein 3D structures | B15 |
| 178W1A0566 |  | B15 |
| 178W1A0598 |  | B15 |
| 178W1A0582 |  | B15 |
| 178W1A0579 | D. Rajeswara Rao | Customer Churn Prediction in Telecom using Machine Learning in big data Platform | B16 |
| 178W1A0580 |  | B16 |
| 178W1A05A5 |  | B16 |
| 178W1A0565 |  | B16 |

**Department of Computer Science and Engineering**

**Mini Project Batches 2020-21**

**Section C**

|  |  |  |  |
| --- | --- | --- | --- |
| **Reg. No** | **Guide Name** | **Title** | **Batch No.** |
| 178W1A05D8 | K. Praveen Kumar | Robotic Vehicle Control by Hand Gestures of Authorized Users | C1 |
| 178W1A05E6 |  | C1 |
| 188W5A0534 |  | C1 |
| 188W5A0536 |  | C1 |
| 178W1A05F5 | A. Jitendra | Recommender System for Railway Track Garbage Cleaning | C2 |
| 178W1A05C3 |  | C2 |
| 178W1A05G9 |  | C2 |
| 178W1A0531 |  | C2 |
| 178W1A05G3 | D. Rajeswara Rao | Efficient Recommender System for Over –the –Top Media Services | C3 |
| 178W1A05C4 |  | C3 |
| 178W1A05D4 |  | C3 |
| 188W5A0527 |  | C3 |
| 178W1A05D2 | G. Krishana Kishore | Tracking of Human Activities | C4 |
| 178W1A05D7 |  | C4 |
| 178W1A05H3 |  | C4 |
| 178W1A05H6 |  | C4 |
| 178W1A05F6 | G. Krishna Kishore | Medical Service Chatbot for Basic Medication | C5 |
| 178W1A05F9 |  | C5 |
| 178W1A05E3 |  | C5 |
| 178W1A05E6 |  | C5 |
| 178W1A05F7 | G. Anuradha | Brain Tumour Detection and Classification using RNN(LSTM) | C6 |
| 178W1A05F0 |  | C6 |
| 178W1A05E5 |  | C6 |
| 188W5A0533 |  | C6 |
| 178W1A05H5 | P. Ramesh Kumar | YaraCapper-YARA rule-based automated system to detect and alert network attacks | C7 |
| 178W1A05H4 |  | C7 |
| 188W5A0535 |  | C7 |
| 178W1A05G6 |  | C7 |
| 188W5A0530 |  | C7 |
| 178W1A05D5 | G. Kranthi Kumar | Hand Gesture Controlled Contactless Elevator | C8 |
| 178W1A05E4 |  | C8 |
| 178W1A05E2 |  | C8 |
| 178W1A05G8 |  | C8 |
| 178W1A05H9 | M. Sobhana | Family Expenditure Analysis and Income Prediction using Machine Learning | C9 |
| 178W1A05G0 |  | C9 |
| 178W1A05I0 |  | C9 |
| 178W1A05H8 |  | C9 |
| 178W1A05E9 | KS. Vijaya Lakshmi | Cricket Commentary Classification | C10 |
| 178W1A05D0 |  | C10 |
| 188W5A0529 |  | C10 |
| 178W1A05C2 |  | C10 |
| 178W1A05C6 | KL. Sailaja | HsvGvas: HSV colour model to recognize Greenness of Forest land for the estimation of change in the Vegetation Areas | C11 |
| 178W1A05E8 |  | C11 |
| 178W1A05C8 |  | C11 |
| 168W1A05F4 |  | C11 |
| 178W1A05C5 | S. Babu | Covid19 Gateway Kit | C12 |
| 178W1A05E1 |  | C12 |
| 178W1A05G1 |  | C12 |
| 188W5A0526 |  | C12 |
| 178W1A05G7 | J. Ranga Rao | Visual Question Answering Using Convolutional Neural Networks and Random Forest Classifier | C13 |
| 178W1A05H0 |  | C13 |
| 188W5A0531 |  | C13 |
| 188W5A0532 |  | C13 |
| 178W1A05H7 | Ch. Raga Madhuri | Speech mentor for visually impaired people | C14 |
| 178W1A05G4 |  | C14 |
| 178W1A05F2 |  | C14 |
| 188W5A0528 |  | C14 |
| 178W1A05E7 | V. Deepa | Transfiguring Handwritten Text and Typewritten Text | C15 |
| 178W1A05F3 |  | C15 |
| 178W1A05D1 |  | C15 |
| 178W1A05D9 |  | C15 |