

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

BE - FINAL YEAR PROJECT :: DECEMBER 2020 - APRIL 2021

ANNA UNIVERSITY, CHENNAI

TEAM 1

| Team No | Register Number | Student Name | Guide Name | Time slot |
|----------------|------------------------|-------------------------|----------------------|--|
| 1 | 2017103077 | Kota Anusha | Dr.Valli | Machine Learning based Soil Classification and Best Crop Prediction |
| | 2017103504 | Abinayaa.S.K.C | | |
| | 2017103597 | Sri Harini.K | | |
| 2 | 2017103073 | Vishnu Priya P | Dr S.Chitrakala | Bi-Model Analysis of Social Media for Flood-Water Level Estimation Using Instance Segmentation |
| | 2017103501 | Aarthy K P | | |
| | 2017103546 | Kiruthya R | | |
| 3 | 2017103011 | Divya S | Dr. Chitrakala | Object Detection and Tracking in Flood Surveillance Videos |
| | 2017103020 | Kaviya P | | |
| | 2017103025 | Mohanaruba R | | |
| 4 | 2017103064 | Sharadha Srinivasan | Dr. Chitrakala | Text-Driven Scene Synthesis using Semantic Scene Graph |
| | 2017103065 | Shreya Kumar | | |
| | 2017103071 | Vallikannu Chockalingam | | |
| 5 | 2017103505 | Agalya P | Dr. Chitrakala | Consistency Driven Cross-model Twitter Sentiment Analysis and Option Mining |
| | 2017103512 | Ashvathe S | | |
| | 2017103533 | Harsini R | | |
| 6 | 2017103051 | Vinisha K | Dr. P. Uma Maheswari | Visualizing Ancient Temple Murals using Augmented Reality |
| | 2017103570 | Priyadarshini P | | |
| | 2017103605 | Vaishnavi T | | |
| 7 | 2017103015 | Harish Kumar S | Dr.G.S.Mahalakshmi | Detecting Topic Evolution From Scientific Literature Using Citation Network |
| | 2017103022 | Manoj S | | |
| | 2017103027 | Nagarjun A K | | |
| 8 | 2017103565 | Nivashini E | Dr.G.S.Mahalakshmi | Analysing Interdisciplinarity of Research Papers |
| | 2017103596 | Sivaranjini B | | |
| | 2017103622 | Saadiqah Sheerin SM | | |
| 9 | 2017103063 | A Ram Prashanth | Dr.G.S.Mahalakshmi | Expert Prediction From Genealogical Research Graphs using Topic Models |
| | 2017103552 | Z Mohamed Abu | | |
| | 2017103624 | Vamsi Krishna | | |
| 10 | 2017103070 | Tejas Ramesh | Dr.G.S.Mahalakshmi | Research Path Trajectory Analytics |
| | 2017103076 | Anikaith Anand | | |
| | 2017103078 | Arun Ramana B | | |
| 11 | 2017103001 | Abishiek.S | Dr. Angelin Gladston | Tamil Language Image Annotation using Semantic Order Learning and Attention based Neural Machine Translation |
| | 2017103033 | Saairam.V | | |
| | 2017103525 | Gokkul.A | | |
| 12 | 2017103059 | Pavithra karthy | Dr. Angelin Gladston | Automated Small Fruit Detector a Class of Artificial Neural Network |
| | 2017103628 | Supradeepa vella | | |
| 13 | 2017103008 | Deepak Raj P | Dr. Angelin Gladston | Facial Mask Occlusion Removal and Image Enhancement using GAN |
| | 2017103567 | Prasana Venkatesh S | | |
| | 2017103619 | Pritham Sriram G | | |

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|----|------------|----------------------------|-----------------------------|--|
| 14 | 2017103014 | Gowthamraj A | Dr. Angelin Gladston | An Accelerator to the Additive Homomorphism and Its Performance Gain |
| | 2017103028 | Naveenkumar S | | |
| | 2017103036 | Sanjeev K | | |
| 15 | 2017103508 | Akshitha Arunkumar | Dr.T.Raghuveera | Virtual Assistant to AID People with Hearing Impairment |
| | 2017103522 | Deva Dharshini RL | | |
| | 2017103532 | Harshini T | | |
| 16 | 2017103545 | Kiran Kumar | Dr. Renuga Devi | Safety Monitoring and Alert System for Women and Children |
| | 2017103623 | Surya Raguram | | |
| | 2017103625 | Vikram Hariharan | | |
| 17 | 2017103023 | Mohamed Arshath N | Dr. Renuga Devi | Collaborative Search with Knowledge Sharing and Summarization |
| | 2017103544 | Kawin KU | | |
| | 2017103558 | Muthu Hariharan M | | |
| 18 | 2017103024 | Mohamed basith | Dr.Renuga devi | Improving Agriculture Supply Chain using Block Chain with Cloud Deployment |
| | 2017103045 | Tamilselvi V | | |
| | 2017103060 | Pooja pari | | |
| 19 | 2017103541 | Karthikeyan M | Dr.S.Renugadevi | Microblog Based Personalized News Recommendation using Hybrid Approach |
| | 2017103550 | Logesh J | | |
| | 2017103555 | Mouli R | | |
| 20 | 2017103502 | Abdul Kareem | Dr. P. Velvizhy | Human Action Recognition and Alert System |
| | 2017103618 | Ajay Sellappan A | | |
| | 2017103627 | Vinu Varshith K S | | |
| 21 | 2017103026 | Murakambattu Rishendra sai | Ms. E.Shanmugapriya | Automatic Traffic Sign Detection and Recognition using Deep Convolutional Neural Network |
| | 2017103032 | Rudraraju Vinay | | |
| | 2017103040 | Shyam Sundar k | | |
| 22 | 2017103003 | Anand R | Ms. E.Shanmugapriya | Movie Mate: Sentiment Analysis, Review Summarisation and Recommendation System |
| | 2017103554 | Mohan Raj K | | |
| | 2017103589 | Sathish Kumar S | | |
| 23 | 2017103044 | Syed Ashik Siddiq.M | Ms. E.Shanmugapriya | Neural Style Transfer with Distortion Handling for Audo and Image using Deep Learning |
| | 2017103607 | Venkataraman S | | |
| | 2017103611 | Vignesh S | | |
| 24 | 2017103075 | Vivek V Ganesan | Ms.Lalitha Devi | Rule Based Fuzzy Workload Scheduling in Cloud Resources |
| | 2017103517 | Bibin Prakash | | |
| | 2017103524 | Gokuhlan D | | |
| 25 | 2017103583 | Sai Sundhar J | Ms. Lalitha Devi | Resource Scaling and Migration in Cloud using Workload Prediction |
| | 2017103587 | Sasidharan G | | |
| | 2017103590 | Senthuran R | | |
| 26 | 2017103019 | Karthik S | Ms.R Bhuvaneswari | Deep Learning for Facial Recognition with SSPP at Varied Capturing Conditions and Illumination Invariant |
| | 2017103592 | Shravan G A | | |
| | 2017103601 | Surenthernath J | | |
| 27 | 2017103047 | G.Velmurugan | G.Sudhakaran | Drug Target Protein Interaction Prediction by PSSM and LOOP Method with Extra Ligand based Features |
| | 2017103048 | C.Vijayabaskar | | |
| | 2017103588 | Sathish kumar K | | |
| 28 | 2017103029 | Nivedha V | Mr.G. Sudhakaran | Drug-Drug Interaction Prediction using Word Embedding and BI-LSTM |
| | 2017103527 | Gowri R | | |
| | 2017103576 | Rathnasri A | | |
| 29 | 2017103007 | Chelampalem Sampreeth | Ms. Manikandan G | Adaptive Particle Swarm Optimization for Feature Selection on High-Dimensional Data |
| | 2017103012 | V Y Gajarajan | | |
| | 2017103617 | Rekkarekula Romeyo | | |

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|----|------------|-------------|--------------------------|--|
| 30 | 2017103526 | Gokul K | Mr. G. Manikandan | An Effective Feature Selection Techniques for High Dimensional Data |
| | 2017103580 | Rohith V | | |
| | 2017103582 | Ruminessh S | | |

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TEAM 2

| Team No | Roll Number | Name of the Student | Guide | Final Title | | | | |
|----------------|--------------------|----------------------------|--------------------------|---|--|---|--|--|
| 1 | 2017103608 | Vibha TI | Dr. A.P.Shanthi | Penta Cancer Detection System Using Deep Learning | | | | |
| | 2017103615 | Yuvashree N | | | | | | |
| | 2017103620 | Shreenidhi S | | | | | | |
| 2 | 2017103506 | Ajith Kumar Panja U | | Dr. S.Bose | Deep Video Inpainting using Machine Learning | | | |
| | 2017103021 | Priyanka | | | | | | |
| | 2017103604 | Tarani N | | | | | | |
| 3 | 2017103056 | Andrea Sharon S | | | Dr. Mary Anita Rajam | Intelligent Intrusion Detection System Using Hybrid Deep Learning Approaches in Cloud Environment | | |
| | 2017103062 | Prarthna Mohanraj | | | | | | |
| | 2017103068 | Tanya Elizabeth Abraham | | | | | | |
| 4 | 2017103547 | Kokul M | | | | Dr. V. Vetriselvi | Multilayered Intrusion detection and prevention using virtualization | |
| | 2017103530 | Hariharan E U | | | | | | |
| | 2017103614 | Yukesh T | | | | | | |
| 5 | 2017103557 | Mutharasan E | | | | | Dr. V. Vetriselvi | Certificate Creation And Verification Using Web Application And Block Chain |
| | 2017103005 | Bharathi J | | | | | | |
| | 2017103563 | Nithesh K | | | | | | |
| 6 | 2017103548 | Kowsalya V | Dr. V. Vetriselvi | | | | | An Innovative Way to Monitor Social Distancing Using Computer Vision |
| | 2017103600 | Subashini S | | | | | | |
| | 2017103569 | Prethiga Devi G | | | | | | |
| 7 | 2017103543 | Kavya S | | Dr. V. Vetriselvi | | | | Image captioning with semantic attention for visually impaired |
| | 2017103577 | Raveena R | | | | | | |
| | 2017103606 | Varsha A | | | | | | |
| 8 | 2017103575 | Ram R V | | | Dr. V. Vetriselvi | | | Blockchain Based Medical Record Storage with Auditing and Augmented Access Control |
| | 2017103616 | K Venkata Siva Reddy | | | | | | |
| | 2017103006 | Charan V | | | | | | |
| 9 | 2017103049 | Vijayakumar R | | | | Dr. V. Vetriselvi | | Synthesizing Cyber attacks for SDN using GAN |
| | 2017103553 | Mohammed Arshad K | | | | | | |
| | 2017103598 | Srinath V | | | | | | |
| 10 | 2017103046 | Udhaya Prasath M | | | | | Dr. V. Vetriselvi | DDoS Mitigation in SDN using MTD and Behavior Based Forwarding |
| | 2017103041 | Sriram B | | | | | | |
| | 2017103030 | Prakashkumar P | | | | | | |
| 11 | 2017103074 | Vivek John Sudhakar | Dr. V. Vetriselvi | | | | | Phishing Url Detection And Vulnerability Assesment Of Web Applications Using IVS Attributes With xAI |
| | 2017103066 | Srimathi Mahalingam | | | | | | |
| | 2017103081 | Vaman Venkatesh | | | | | | |
| 12 | 2017103542 | Kavin Pragadeesh K | | Dr. V. Vetriselvi | | | | Secure Message Dissemination In Intelligent Vehicle Networks Using Dynamic Fog Computing |
| | 2017103004 | Aravindhan C | | | | | | |
| | 2017103018 | Kailash JP | | | | | | |
| 13 | 2017103053 | Yuvaraja P | | | Dr. V. Vetriselvi | | | Tagging Algorithm Classes for Competitive Problems |
| | 2017103556 | Mowli Prakash A G | | | | | | |
| | 2017103612 | Vinoth M | | | | | | |
| 14 | 2017103031 | Rishi Kesav M | | | | Dr. V. Vetriselvi | | Explainable Approach to Image Captioning |
| | 2017103610 | Vignesh S | | | | | | |
| | 2017103585 | Sanjay S | | | | | | |

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|----|------------|------------------------------|---------------------------|---|
| 15 | 2017103531 | Harini V | | Deep Learning Based Approach for Dynamic Hand Gesture Recognition Using Depth and Skeletal Data |
| | 2017103534 | Hasna K | | |
| | 2017103079 | Mohammad Arshadh Kader Ali | | |
| 16 | 2017103566 | Pothikkannan G | Dr. S.Sudha | Data Augmentation of EEG Signals for BCI using Conditional DCGAN |
| | 2017103594 | Sidharth Ganesh R | | |
| | 2017103560 | Nikhil Kumar A P | | |
| 17 | 2017103537 | Ishwarya S | | VisBuddy : A Smart Wearable Assistant for the Visually Challenged |
| | 2017103561 | Nishaali M | | |
| | 2017103016 | Ishwarya R | | |
| 18 | 2017103057 | Poornachandran | | Automatic Traffic Sign Recognition using CNN |
| | 2017103055 | Amritha Barade | | |
| | 2016103030 | Harshitha K M | | |
| 19 | 2017103521 | Deepthika S | | Enhanced Pedestrian Detection using Deep Convolutional Neural Networks |
| | 2017103528 | R.Gowsalya | | |
| | 2017103034 | Sai Suma N | | |
| 20 | 2017103054 | Amuru Manasa | Dr. D.Shiloah Elizabeth | Human Activity Recognition using faster R-CNN |
| | 2017103042 | S.Srisha | | |
| | 2017103039 | G.Shalini | | |
| 21 | 2017103559 | Nandhini S | | Multiple Diseases Risk Prediction With Real Time Health Monitoring |
| | 2017103581 | Roshini G | | |
| | 2017103595 | Sivapreethi M | | |
| 22 | 2017103058 | Keerthana Sundaresan | | Hand Gesture Recognition for Sign Languages using 3DCNN for Efficient Detection |
| | 2017103061 | Pradhakshya Jutty Dhanakumar | | |
| | 2017103069 | Taranya Elangovan | | |
| 23 | 2017103523 | Dhivya T C | | Emotion Detection in Tweets |
| | 2017103529 | Guru Shruthy G | | |
| | 2017103603 | Swarnalaxmi T | | |
| 24 | 2017103539 | Kanika K | Dr.Arockia Xavier Annie R | Identification of Protein-Protein Interaction |
| | 2017103579 | Rohini R | | |
| | 2017103599 | Srinithi B | | |
| 25 | 2017103538 | Jesika Vishwa.l | | An Intelligent Image Captioning And Voice Converter For Visually Impaired |
| | 2017103571 | Priyadharshini.S | | |
| | 2017103591 | Sharan.S | | |
| 26 | 2017103514 | Bharath Ganesh V | | VESPA - Video Evaluation and Summarization with Partitioned Analysis |
| | 2017103519 | Deenadhayalan G | | |
| | 2017103520 | Deepak S P | | |
| 27 | 2017103043 | Sujithra R | | NEWSGIST: Video generation from News stories |
| | 2017103052 | Vishnooprya M | | |
| | 2017103509 | Aparna E.V | | |
| 28 | 2017103586 | G Saravana babu | Ms. M.S.Karthika Devi | Real-Time Anomaly Event Detection In Surveillance Video Using Deep Learning |
| | 2017103621 | Nikil Rajasekaran Sargunar B | | |
| | 2017103568 | Prasanna D | | |
| 29 | 2017103564 | Nithish Kumar R | Ms.G. Logeswari | Face Mask And Social Distancing Detection |
| | 2017103578 | Rishi A | | |
| | 2017103513 | Bala shankar M V | | |