



Easwari Engineering College
(Autonomous)
Department of Computer Science and Engineering



List of Projects Done by Students during the Academic Year 2022-2023

Bat ch No.	Team Members	Project Title
1	Jayasurya J	Solwoe - a novel way to eradicate suicides caused by depression among teenagers
	Adarsh Srinivas V	
	Lakshman KR	
	Arya sriwin	
2	Badrinath K	Dehazing of multispectral images using Contrastive Learning
	Canchi Balaji Sathvik	
	Chadalavada Gautham	
3	Adithya Nagaraj R	Detection Of Phising Websites Using Machine Learning
	Kamaleshwaran P	
	Karthick S	
4	Eshwanth G.M	Efficient Multi Authority Attribute Based Signcryption
	Imran Khan.S	
	Chandraprakash Reddy	
5	Adarsh	Enhanced remote Learning environment using Virtual Reality
	Akash	
	Ganeshwer B	
6	Deepakraj R	Optimization Of Battery Management System Using Reverse Algorithm Process For Enhancement Of The Performance Of Lithium-ion Batteries
	Jisho J	
	Kaarthic Varun K	
7	Aishwarya S	Diabetic Retinopathy Image Recognition using Artificial Intelligence
	Durga Naga Sai Shriya R	
	Jemimah Joyce X	
8	Darshitha H	Alzheimer classification using Deep learning
	Deeksha R	
	Ashwath B	
9	Hrithik S	Edge-cloud computing for IoT- Embedding Intelligence in the Edge with Deep Learning
	Ezhil Arasu	
	Surya M	
10	Karthick Annamalai	Hotel rooms booking using blockchain
	Kamesh S	
	Avinash P	
11	Abubucker Siddique AM	Blockchain framework to enhance data trustworthiness in digital twin
	Kumaran S	

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	Ashwin Patrick	
12	Dhamini Devaraj Gayathri T R Hasitha V	Water quality prediction using Artificial Intelligence
13	Aparna V S Dharshini G Naresh sudhan K	Agribot for seeding and watering using live streaming mechanism
14	Arun B S Bharath Kumar S Kathirmani S	Pancreas disease detection and segmentation using abdominal CT scan
15	Hem Kumar D Johith Singarram S S Karthikeyan S	The Efficient blood cell segmentation for the detection of hematological disorders
16	Aravindhyan S Jayakrishnan Sanjay N	Virtual dressing room application using GAN
17	Hrithick RT Dhanu anand .N Dhanwanth kumar	Semi automated guided vehicle using internet of things
18	Anirudh K N Dilli Rani R Keerthi Shree S	DNA microarray for cancer classification and prediction using Deep learning
19	Arunachalam S Dhanush G Elangovan P	Multidisease prediction using CNN and Logistic Regression
20	Jayaram M K Joshua Benny hin J Kishore Kumar V	Block chain based framework for document verification
21	Hariharan C David Edward S Amith Kannuri S	Exercise monitoring system for knee osteoarthritis patients using IOT
22	Mohan raj B Salman Faris Mohana krishnamoorthy R	Cardiovascular stroke prediction system using machine learning techniques
23	Priyadharshini S Riya P Roshni S	Indoor navigation strategy for visually impaired persons shopping in supermarkets
24	Pradeep.D Pradeep.G Rithik Varun Savio	Employee reward system using blockchain
25	Lavanya M	Attendance Management System Using Facial Recognition -

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	Rashmi E	CNN and Data Augmentation
	Sanjushree K	
26	Prahlad N	Hydrochemical analysis
	K G Ram Sundar	
	P Mohana Prasad	
27	Madheshe T	Maternal health Classification using Machine Learning
	Malleeswaran G	
	Samrish R	
28	J Manasvini	Maternal health Classification using Machine Learning
	Mohammed Sameer. S	
	Prakashraj.N	
29	Preetha P	SEWAR(Separable Waste collection) using mask r-cnn
	Renooh S	
	Rithanya S	
30	Manoj Kumar N A	Early Onset Autism Detection in Children using CNN Algorithm
	Gokul ram N	
	Rohith Balaji R	
31	Paarkavi. A	Post Disaster Human Identifying Bot using 3D Simulation
	Preethi Nikita Dung Dung	
	Hemalatha	
32	Maria Adeline P	Helmet Detection using CNN Algorithm
	Pavalaselvi N	
	Sai Madhumitha SS	
33	Praveen R	Obstacle Detection for the Visually impaired using IOT
	Nikhil Eshwar T	
	Mohamed Adhil N H J	
34	Navin Prasath S	detection of tropical cyclone using deep learning networks
	Riaz Ahamed K A	
	James lurtin	
35	Pavithra P	Design and implementation of Telehealth application for securing Electronic Health Records using Novel image Encryption Algorithm
	Narmatha S	
	Meenakshi S	
36	Monisha P	Integration of Voice Assistance Email Application System for Visually Challenged Person
	Nithyalakshmi J	
	Mythreyee M	
37	Sanjay Subramanian K	Maternal health Classification using Machine Learning
	Muhammad Tariq PR	

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	Madhavan V	
38	Pradeep T	SEWAR(Separable Waste collection) using mask r-cnn
	Ajay Mitra V J	
	Mehanethra M	
39	Praghadiesh S	Early Onset Autism Detection in Children using CNN Algorithm
	Mohamed Rafi	
	Patrick Christopher. M	
40	Rohit Krishna S	Post Disaster Human Identifying Bot using 3D Simulation
	Pritam S	
	Navin K	
41	Sai santhosh V C	Helmet Detection using CNN Algorithm
	Raghav krishna J	
	Mohammed rasik P	
42	Sameer sheriff	Obstacle Detection for the Visually impaired using IOT
	Manick Sriram M	
	Ranjith G	
43	Praveen R	detection of tropical cyclone using deep learning networks
	Nikhil Eshwar T	
	Mohamed Adhil N H J	
44	Navin Prasath S	Design and implementation of Telehealth application for securing Electronic Health Records using Novel image Encryption Algorithm
	Riaz Ahamed K A	
	James lurtin	
45	Pavithra P	Integration of Voice Assistance Email Application System for Visually Challenged Person
	Narmatha S	
	Meenakshi S	
46	Monisha P	Live Action and Sign Language Recognition using Neural Network
	Nithyalakshmi J	
	Mythreyee M	
47	Sanjay Subramanian K	Emergency Vehicle Detection in Heavy Traffic using Deep ConvNet2D and CV
	Muhammad Tariq PR	
	Madhavan V	
48	Pradeep T	Prediction of Cardiac Disease using Machine Learning in Tkinder -CNN
	Ajay Mitra V J	
	Mehanethra M	
49	Praghadiesh S	Healthcare Management System using Blockchain
	Mohamed Rafi	
	Patrick Christopher. M	
50	Rohit Krishna S	Decentralized E-Commerce Platform Implemented Using Smart Contracts
	Pritam S	
	Navin K	

Bat ch No.	Team Members	Project Title
51	Sai santhosh V C	B/W Images And Video Colorization Using CNN, GAN And OpenCv
	Raghav krishna J	
	Mohammed rasik P	
52	Manick Sriram M	Paddy leaves disease categorization using Resnet in cnn
	Ranjith G	
	Rajavarman R	
53	Shravan Vignesh M	Blockchain fundraising and charity platform
	Sivakumar.E	
	Syed adnaaan	
	Tarunaa	
	Shivani	
55	Akash Silas N	Crop yield prediction and fertilizer recommender System Using Multi model algorithms
	Swetha B	
	Uma Sruthi P	
56	Varshini S	Tracking offender activity in a large geographical location
	Yashawini S	
	Yashvandh PR	
57	Nithishkumar S	AI agents at different data canthers of a specific company to minimize the energy spending
	Saranya V S	
	Sarath Babu N	
58	Syed Aakif Z	An Optimized CH selection algorithm for enhancing network lifetime in WSN
	Srinithy R	
	Suvetha Sri R P	
59	Swathi R	Plant Disease Prediction In Maize using Convolution Neural Networks in Deep Learning
	Shiyamal Kumar	
	Shruti Gunasekaran	
60	Vignesh R	A service based model for allotted mastering: An application dairy quality analysis
	Vijaykumar K	
	Yaswant B	
61	Shiva S	User recognition for app ratings using Machine Learning
	Shafiq M	
	Surej R	
62	Varun kumar M	Decentralized Escrow Protocol Facilitating Secure Transaction between Trust less Parties
	Shankar T	
	Thanigai Arul R	
63	Yukesh S	Suicidal ideation detection: determining the degree of suicidal

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	Shriraaman.S	ideation through tweets
	Shruti VV	

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S.No	Project Members	Project Title Type
1	Barath Vikraman E Dhanasekar D Manoj G	Emotional Analysis using Deep Learning Models
2	Asvitha S Dhivyaa T Divyasree H	Doctor Plant: A Deep Learning based Mobile app to detect Plant Diseases
3	Anirudh S Gowtham Ram M Kumaran P	Animal poaching detection and Warning System using YOLO algorithm
4	Abinaya R Aishwarayaa Laxmi B R Devasena R	AdPod:Confinement of malicious advertisements in Android Applications
5	Dinesh Kumar S Guru Hariharan A Jerrald J	Voice automation for Visually Challenged
6	Aravinthan E Dharmala Pranavi Kishore Shankar A	Visual assist - a visual aid for the visually impaired using Darknet
7	Ajay Bharadwaj S Akshara Saikumar Kayalvizhi B	A Novel Approach In Detecting Android Malware Images Using Feature Extraction.
8	Aneesa Banu K Dhivya S Mukesh Karthikeyan S	Lane and traffic sign detection in self driving cars using convolutional neural networks

S.No	Project Members	Project Title Type
9	Ahmed Faizel A Bharathi M Mohan K	Secure Cloud Data Outsourcing Model Using Enhanced Network Coding Technique and Homomorphic Encryption
10	Dhanya S Gugan R Krithika K G	Identification and Quantization of Plastics Contamination in Coastal Zone Using Deep Learning
11	Himanika M Maragatham B Monishaa S	Classification of Skin Lesion Using Deep Learning
12	Dhanushah R Kaavya L Monika R	Currency and Obstacle Detection using deep learning
13	Lavanya N Lavanya N Madhumitha P M	Alzheimer classification using Tensorflow and Keras model
14	Christy Ratna Rajan K John A Narmatha J	Detecting covid-19 from CT images using autoencoders
15	Archita A S Haritha M Kavya Varshini M	Blood cell cancer detection using deep learning
16	Abirami H Alekhya N Anu Priyanka B S	Cryptocurrency Market Price Prediction using Machine Learning
17	Akash P Deepesh Venkatahari B Mouneeshwaran R	Early Detection of parkinson's disease using machine learning
18	Karthikeyan S Kishore P Kishore Shaw M R	Ranking based Decision Support system for Crop Recommendation with nutrient analysis using IoT and Machine Learning Algorithms.
19	Gautham B Jeevanantham S Sai Aditya R	Automated Vehicle Damage Detection using Convolutional Neural Network

S.No	Project Members	Project Title Type
20	Aishwarya N Harish R M Megavarshini K	A Novel approach to display the alphabets for impaired people using computer vision
21	Sanchit Arun Parwate Sanjay K (27/8/2000) Akash P S	IOT Enabled Intelligent Cargo Management System
22	Samuel Koshy Sanjith J	Lung Diseases Prediction With X-Ray And CT Scan Using Convolutional Neural Network
23	Niranjan G M	Content Similarity Using Cosine Distance
24	Ravi Rithika Roshni R Sona Selvaraj	Fish Classification Using Deep And Transfer Learning
25	Syed Omer Asfaq A Vikram H Vikram Atreya C	Augmented Random search algorithm based autonomous driving
26	Sharmila R Soundharya S Suganthi R	Effective Safety System For Children Using RFID And Face Recognition Technique.
27	Sathya Narayanan B Sharmitha N Sowbarnika M	MRI-Based Brain Tumor classification using EfficientNet B7 model with transfer learning
28	Sarath Kumar K Sri Hari Prasad S	Driver Health Monitoring System using IOT
29	Nithya Priya J Shruthi S V Soundarya T	Smart Waste Management Using Geo Tracking Of Waste For Sustainable Habitat
30	Sai Krishna R Saketh Raman R Yuteesh S	VOTE VAULT - Blockchain Based System using SHA 256 Algorithm and Smart Contract
31	Preetha M Yashmi S	Bird Species Identification Using Convolutional Neural network

S.No	Project Members	Project Title Type
32	Sabari Mutheeswari M Shivani R	Personality Prediction System Using MBTI
33	Nhaveen.A Sai Balakrishnan S Balaji V	Federated Learning On Edge Devices
34	Prajana Shree N Savitha M Vaishalli S	Brain Activity And Communication For Paralyzed Patient With Hand And Eye Ball Movement
35	Shuib Akhthar S Siddharth G Vikram Ramanathan	Sign Language Translator using LSTM
36	Prathish S V Sanjay K (27/2/2001)	Prediction Of Driver's Fatigue With High Accuracy And Robustness Using Deep Learning Algorithm
37	Navin Kumar M Tharakeshvar N	Location Based Reminder App
38	Surya Dhanush G Tharun R Muhamed Arif	Emergency Vehicle Detection And Traffic Control Using Geo fencing Technology
39	Poojitha T Shakthi V Swetha M	Automatic Meeting Summarizer Using Abstractive Summarization Method
40	Ramki K Vaitheeswaran P Naveenraj G	LIFI Technology For Industrial Automation System
41	Subikesh P S Sudharshanam N Vijay T S	Reconstruction of road network after a disaster based on deep learning
42	Nithyalakshmi B Rena M S Vaishali N	Life-Saving Android Systems At Trivial Times
43	Vishnu Prakash Yogesh Sikkandar	Anomaly And Activity Recognition in a Video Surveillance Using Deep Learning

List of Projects Done by Students During the Academic Year 2020-2021

Bat ch No.	Team Members	Project Title
1	Manav Nair P M Gopikrishna S Krishnakanth	ViCaptcha- A Completely Automated Public Turing Test to tell Computers and Humans Apart for Visually Challenged
2	Madhumitha K Chenchu Lakshmi V Bhavatha Ranjanni S	Psychometric analyzer for healthcare based on emotional intelligence
3	Abinash A Akash G Jayalakshmi J	A modern approach to identify symptom based disease prediction using decision tree classification
4	Ganesh S Aravindh B Adhithya Srinivas N	Emotion detection using speech and facial gesture
5	Anirudhan R Dharanidharan E Diwahar S Charles J	Financial Advisor using AI and Cloud Architecture using Random Forest Classification
6	Kavin A Mohammed Fiaz M Ganta Yeswanth	Crop yield prediction using supervised learning technique
7	Dharani B Deepika M Keerthika K M	Design and Development of IDPS System for LAN based Networks
8	Jacob Mathew Gade Laxmi Samhita Lokeshwar D	2D simulation of semi-autonomous vehicle using Q-Learning
9	Keshav N Hariharan A Deepak kumaar	Multi Image Cryptography in Two Factor Authentication for Banking System & Services
10	Gautham Kumar R S Karthika Hema Manasa Aravindh R	sorting and predicting risk of heart problems using machine learning techniques
11	Balaji. S Bala Vignesh. S Girish. K. G	Personal Healthcare Assistance using Machine learning
12	S.V.Mohanaselvan G.Gokul Srinath K.Balaji Reddy	Plant disease detection using CNN
13	Kanishka SV Kavyaa G Kiruba Wellwin	Android based product identifier for visually impaired(APVI)

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14	Amritha B Bhavyashree Charulatha S	Real Time Face Detection and Recognition using Deepface Convolutional Neural Network
15	Amirthavarshini D Anbukani RS Harini TK	A medical decision support system to detect Covid - 19 pneumonia using CNN.
16	Brinda U Adithya R Akshey S	Web Application For Disease Detection Using Deep Learning
17	Balaji K Krishna Kumar R	Bio-Medical Named Entity Recognition Using Scikit-Learn And Keras
18	Adharsya S.R Deepitha K.R Kevin.B	Chronic Kidney Disease Prediction System
19	Gadde Amulya Gopika Sarasvathi K Kirthiga J	Gesture controlled wheelchair with fall and obstacle detection sensor.
20	Aakaash N Mahesh Kumar	Detection Of Glaucoma And It's Rate Of Spread Using Neural Network
21	Naru Venkata Naga Jyotika Nivetha P Preethi A I	A modern approach for Distinguishing Pulmonary Diseases Using Machine Learning Classifiers
22	Prathima S Savitha A K Shalini D	Face mask Detection System with Automated Door Access Control using Machine Learning Algorithms
23	Sanjay K Subha Pavun Kumar P Ajith E	Real time driver fatigue state using Convolutional neural network
24	Naveen Kumar S Vijay V Rengarajan R	Covid regulation analysis using ml and neural network
25	Ravi Kumar J Samy Durai K Shri Balaji Karthik	Identification of fake products using block chain
26	Nikhil Thomas Preethi K Srinivasan T	Detection and identification of rice leaf disease using machine learning
27	Rajesh P V V Sri Divya C Srinivas Varadaraj	Anti cyber bullying feature for teaching platform

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28	Pavithra R Prathiksha S Shruthi S G	A New Approach for Security in Cloud Data Storage for IoT Applications using Hybrid Cryptography Techniques
29	Swarna A Triveni R Vidhya B	Predicting Diabetes in Healthy population through supervised learning process
30	Prathip Kumar K Rishi S Vishnu Raj K	Automated Fare Collection and Document verification using NFC technology
31	Santhosh N A Syed Abbas M Sudheera B	Spam identification and social network security
32	Nithish Kumar V N Rahul R Rohith S	Inshore and offshore ship detection on high resolution remote sensing image using mask RCNN
33	Iswaria G Neeraja D Sandhya P	Emoji based prediction, anticipation and information retrieval using ML and DL algorithms
34	Muthu Harini K Vidhya S Sowmiya T N	Framework of Fake News Detection in Social Media (Twitter data)
35	Ravindra Priyanka Thipika Anandan S Vishnu Priya	Development and validation for detection of diabetic retinopathy using deep learning techniques
36	Nameera Amena Praveen Balaji Sudarshan Athreya	Text Extraction and Language Translation using Pytesseract and Recurrent Neural Networks
37	Shiva Karthikeyan S Suriya Narasimhan S Thirunavukarasu M V	Public/private transportation tracking and seating information system using embedded systems and lora.
38	Rahul D Rakesh M Suganthan P	Human tracking system using drone
39	Rubika A Vishnu Priya M	Smart Phone Based Monitoring Tool for E-Learning
40	Mukesh	Privacy - Preserving User Profile Matching In Social Networks
41	Smriti P Vidhya N	Real time taxi passenger prediction with L-CNN

List of Projects Done by Students During the Academic Year 2019-2020

S. No	Project Members	Project Title
1	V Siva Chandran T Soundarya S Varssha	Safety monitoring and Alerting system for Coal Mine
2	Nishanth S Subikshan S Shankar Narayan K	Real-Time detection of Lung cancer
3	S.Moushmi Pavithara M P J Shreya Vikashkalaban k	Decentralized digital governance using block chain technology
4	Srihari L Srivatsan R Venkatraman L	Smart waste management System
5	A.M Naveen S.M Sharavanesh	Real time Hand gesture recognition using Convolutional neural Network
6	R.Namrata J.P.Priyanka J.Murali Krishna	Bridge crack detection using automatic pixel-level technique
7	Tanishka R Raghu S Saranraj	Vehicle to vehicle communication using Lifi Technology
8	J.Shruthi G.Shivasree	Food supply chain management using block chain
9	B.Monesha R.Sandhya P.Sivashankari	Enhanced cardless transaction using Biometric ATMs
10	R.S.Ram Abhishek S.Priyanka A.Pranusha	Smart vision based ATM transaction using random forest classification
11	Venkatesh S M Pradeebha Lakshmi M Prakash R	SMART GARB-A wearable safety Device For Wo(men)
12	Santhosh P Saran K	Plant Disease Detection using Matlab

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13	P.Sruthi Prabakaran Vaishnavi S Tamizhazhagan S	Automatic evaluation of exam papers
14	Sai Shiva K Prashanth V.R Vijay S	Creditag : An automatic toll payment system
15	Sunil Kannah M Sudharshana J	Interoperability of Cloud using single API
16	Sudesh.K Suriya.K Nishanthi.V	Personality Prediction System through CV Analysis
17	K.T.Nithin Rauj M. Raghav Srinivaas R.Adithya	Facial recognition based payment System
18	P.Naveena Tejashree.R Vijayalakshmi.K	An interactive chat-bot for academic institution using pattern matching
19	S.Shobika A.Vijay Akash	Tracking of criminal through CCTV using face detection
20	R Rithik K Pradeep Kumar L Pradeesh	Station-less bike-sharing systems
21	MuthuLakshmi Pritheevi Tamilselvan	Digitalized ration card
21	Kalpna Baheti	Project MANCALA: an interactive, instructive and user-friendly software initiative for educating the child
22	Jane Gloria F Mohitha V Guhan Selvarajan	A programming aid for the differently- abled using NLP
23	Keerthi K Dhanya Jayaprakash G.Keerthika Priya	Scribe system to aid the visually impaired with mathematical equation
24	Gajapathy B Deepanraj A M S Jaishaanth	Land document digitization and secured storage using block chain

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25	Kaushik Karthigeyan S Karthikeyan B Jenie Roger J.W	Autonomous Vehicle Monitoring System
26	Hemanth.T Bitra Sainadh Hariharan K	Online voting system using block chain
27	Abraar Mohammed Malik S Abu Backer Siddique Albrin.R	Secure data group sharing using cloud
28	Jayashree Abina Malavika	Smart traffic light System for emergency response vehicles
29	S R Aasim Ahmed Abbas Yusuf Deeptanshu Charingia Bordoloi	Cancer cell prediction system
30	J.Anand Jahan M.Aravindan S.Aravindh	Reinforcement learning based fall detection system using iot
31	Aadithya K Abhay Ankith Reddy K	Walking stick for elderly people using IoT
32	Bhumikka UD Divya K Akshaya K	An exigent device that aids to educate the attention deficit hyperactivity(ADHD) children
33	Annapoorna.M Akhila Krishna.D Gayathri.G	Design of a gesture-based app for the visually impaired
34	Aarathi T Arthi R	Theft anticipation and crime report management
35	Arulmozhi Karthik Arun S Balajhi D S	Reading led and lcd screens
36	Kavin S Karthik Nilesh Kaushik Lokesh Ram M	Alert and Guidance System For The Visually Challenged Using IOT and Machine Learning.
37	Kesavan B Gowtham Kumar K Eswar Suriya Pradhan U	Virtual Wardrobe Assistance
38	Abhinav R Abhinav Raman Abilash R	Health care chat bot

S. No	Project Members	Project Title
39	Aakash Kumar S Kishore R Adithya L	Local road assistance for the public commuters
40	Grace Cynthia Thilagavathy R Madhumitha J Depthi S K	Design of an automated Rescue System for children trapped in bore wells.