

Faculty Competencies in correlation to guidance of projects:

S.No	Faculty Name	Publication	Competency
1	Dr.V.Vidhya	<ol style="list-style-type: none"> 1.Custom CRM Development for sports sponsors. 2.Social Distance Monitoring System Using Image Processing. 3.Blind Sight -Object Detection with voice feedback 	Natural Language Processing and Data Science
2	DR.G.Sumathi	<ol style="list-style-type: none"> 1.Smart Check-in &Check-out System using Automatic Number plate Recognition. 2.Headspace:A mental health tracker app. 3.Collegiate Athletics Management System. 4.Equity Share Management Software. 5.Federated Learning in mobile devices for non IID data with minimal communication latency. 6.Recommendation engine for FMCG 	Modern Computing
3	Dr.T.Sukumar	<ol style="list-style-type: none"> 1.EduGate - An Educational Website. 2.Penta Cancer Detection. 3.Fabric Defect Detection Using Neural Network.. 4.Smart Trolley. 5.Load balancing through VM allocation techniques in cloud based data centres 	Network and Cyber Security
4	Dr.V.M.Sivagami	<ol style="list-style-type: none"> 1.gRPC Based Facade Proxy for eCougar 2.Driver inattentive Behavior Detection using deep learning. 3.On The Module Of Internet Banking. 4.Candidate Recruitment Using Ai. 5.GUI based prediction of heart stroke 	Natural Language Processing and Data Science
5	Dr.C.Yaashuwanth	<ol style="list-style-type: none"> 1.Dynamic Chart Maker 2.Content Based movie recommender system with sentiment analysis. 3.Hand Gesture Keyboard Using Machine Learning. 4.Covid Tracker With Social Distance Monitor. 5.Automated medicine distributor based on symptoms using node mcu and cloud. 6.IOT based health care system 	IoT and Cyber Physical Systems.
6	Dr.N.Gobalakrishnan	<ol style="list-style-type: none"> 1.Vehicle Speed Estimation using deep OpenCV 	Modern Computing
7	Dr.N.Devi	<ol style="list-style-type: none"> 1.Black Friday sales prediction using machine learning 2.Developing speech interface for form filling. 3.Crime Data Analysis. 4.Prediction Of Rock Fragmentation In Open Pit Mines. 5.Visual Impairment Spotting through Augmented Reality. 6.Rheumatoid Arthritis Diagnosis System using Machine Learning. 	Natural Language Processing and Data Science
8	Dr.D.Jayanthi	<ol style="list-style-type: none"> 1.A hybrid deep learning based intelligent model for college enquiry chatbot 2.Crop yield prediction using deep learning. 3.Covid-19 Pneumonia Classification Using Deep Learning. 4.AI - Powered Vehicle Surveillance System. 5.Yield Prediction system based on food/feed production and distribution analysis 	Modern Computing

9	Ms.B.T.Shobana	<ol style="list-style-type: none"> 1.Multi-turn Open Domain Chatbot using Sequence to Sequence Model. 2.Generative Chatbot Using Sequence to Sequence Model. 3.Software feature development for retail automation 4.prediction of autistic spectrum disorder based on behavioral features using machine learning 	Natural Language Processing and Data Science
10	Ms.P.LeelaRani	<ol style="list-style-type: none"> 1.Digital E-Learning applications for SVCE. 2.Documentingcleaningvalidationinpharmaindustry. 3.Speech Emotion Recognition Using Deep Learning Techniques. 4.Cardio Vascular Disease Prediction using Machine Learning Models 	IoT and Cyber Physical Systems.
11	Ms.A.Kala	<ol style="list-style-type: none"> 1.Digital E-Learning applications for SVCE. 2.Smart Attendance System. 3.Facial recognition based attendance system using openCV. 4.Dynamic Research - Market Survey. 5.Image Caption Generator Using RESNET-LSTM. 6.Emotion Detection using Touch interaction and Facial Expression. 	Natural Language Processing and Data Science
12	Ms.K.Kiruthika devi	<ol style="list-style-type: none"> 1.Intellectual Disability Handling using Natural Language Processing. 2.Personalized Movie Recommendation System Based on Collaborative and Content-Based Filtering. 3.A comparative Evaluation Of Vulnerability Scanners. 4.An Hybrid Approach To Detect Spam In Twitter. 5.Real time detection of drifted spam on twitter accounts 6.Detection of Liver Disease using Machine Learning 	Natural Language Processing and Data Science
13	Ms.S.Kalavathi	<ol style="list-style-type: none"> 1.Online Assessment Proctoring System using OpenCV. 2.Integration Automation In Digital Lending Platform. 3.E-Commerce Ios Platform For Salon And Spa Business. 4.Smart blind stick navigation using LIFI 	Natural Language Processing and Data Science
14	Dr.P.Sharon Femi	<ol style="list-style-type: none"> 1.Sign Language To Speech Conversion Using Deep Learning. 2.Data Management using ADF. 3.Developing A Gamified Service To Increase Employee Engagement. 4.Anomaly detection using double level ensembles. 5.Emotion Recognition Bot 	Natural Language Processing and Data Science
15	Ms.P.Nirmala	<ol style="list-style-type: none"> 1.Stock Price Prediction Using Machine Learning Technique 2.remote user authentication protocol for multiserver network using self certified public key cryptography 3.physical integrity attack detection of surveillance cameras 	Network and Cyber Security
16	Ms.R.Saktheeswar	<ol style="list-style-type: none"> 1.Image encryption using Machine Learning. 	Network and

	i	<p>2.Development of Retail Software Application</p> <p>3.Restaurant API Integration In Digital Ecommerce Platform.</p> <p>4.Electricity Consumption Management System</p> <p>5.Privacy and security of protected health information using block chain technology.</p> <p>6.Operating System for autonomous vehicles</p>	Cyber Security
17	Dr.G.Sangeetha	<p>1.Speech-Emotion Detection System using Deep Learning.</p> <p>2.Account Opening Digital Simulation Using Omniapp.</p> <p>3.Supercharge Experience With Artificial Intelligence And Chatbot.</p> <p>4.Malware detection using auto encoder and random forest technique</p>	Modern Computing
18	Dr.K.Suresh	<p>1.Emotion Recognition System for Kids with Autism Spectrum Disorder.</p> <p>2.Privacy Preserving Healthcare Data Using Cloud Computing.</p> <p>3.Human Health Monitoring System.</p> <p>4.Smart Socket.</p>	IoT and Cyber Physical Systems.
19	Ms.A.Indumathi	<p>1.Hostel and Food Management System.</p> <p>2.Self driving car with lane detection using raspberry pi.</p> <p>3.Credit Card Fraud Detection Using Django.</p> <p>4.mouse movement using eye ball cursor</p>	Modern Computing
20	Dr.V.Rajaram	<p>1.Optimising the Efficiency Of Wireless Channels In Home-Based Devices.</p> <p>2.Quota based water scarcity management system</p> <p>3.Smart Pharmaceuticals</p>	IoT and Cyber Physical Systems.
21	Ms.N.Uma	<p>1.Crowd Density Estimator using YOLO object detection.</p> <p>2.Virtual Medical Assistant Using Machine Learning.</p> <p>3.an efficient computational offloading in mobile cloud computing</p> <p>4.Location Prediction via Mobility Profile</p>	Modern Computing
22	Ms.S.Jerusha	<p>1.E-Tim Health Care</p> <p>2.Smoke And Fire Detection Using Machine Learning</p> <p>3.smart doorbell system using face recognition</p>	Network and Cyber Security
23	Ms.M.Sugacini	<p>1.Movie Recommendation Engine.</p> <p>2.QKART Shopping Website.</p> <p>3.Smart Answering Agricultural Chatbot Using NLTK.</p> <p>4.stock analysis using big data</p>	IoT and Cyber Physical Systems.
24	Mr.V.Ranjith	<p>1.Image Classification using UNET.</p> <p>2.Blockchain In Healthcare.</p> <p>3.Improving Customer Relationship Management Using Data Mining.</p> <p>4.Social Anxiety Detection Using Neural Network.</p> <p>5.Flexible and secure data transmission system based on parallel compressive sensing.</p>	Network and Cyber Security
25	Mr.AR.Guru Gokul	<p>1.Development of MangoDB Realm driven Software monitoring system for SAAS applications.</p> <p>2.Zoho Payroll.</p> <p>3.Computer Vision Based Geotracking Of</p>	Network and Cyber Security

		<p>Waste And Alerting System.</p> <p>4.Human Signature Verification Using CNN With Tensor flow Deployment Using Django Framework.</p> <p>5.smart surveillance system for intrusion detection</p>	
26	Mr.E.Sivakumar	<p>1.Report Generation and Dashboard for IOU Infrastructure.</p> <p>2.Habit streak tracker.</p> <p>3.Prediction Of Flight Delays Using A Two-Stage Machine Learning Model.</p> <p>4.Digital Receipt Manager And Budget Recommendation System.</p> <p>5.Mathematical expression recognition using OCR.</p> <p>6.SVCE chatbot.</p>	Natural Language Processing and Data Science
27	Ms.S.Aiswarya	<p>1.Fake News Detection Using ML.</p> <p>2.Responsive Web Development.</p> <p>3.Prediction Of Election Result Using Sentiment Analysis On Social Media</p>	IoT and Cyber Physical Systems.
28	Ms.S.Meenakshi	<p>1.College Canteen Automation system.</p> <p>2.Autism Detection Intelligence And Training Interface</p>	Natural Language Processing and Data Science
29	Mr.V.Praveen Kumar	<p>1.Privacy and Security of Protected Health Information using Blockchain.</p> <p>2.Detecting Real And Fake News Using Machine Learning</p>	Natural Language Processing and Data Science
30	Dr.B.Prakash	<p>1.Digitalized Enables Ration Carddistribution Expending Smart Label</p>	Network and Cyber Security
31	Mr.A.Thiyagarajan	<p>1.E-recruitment portal using Django framework with ML algorithms & bootstrap.</p> <p>2.Face Emotion And Audio Analysis Using Machine Learning</p>	Natural Language Processing and Data Science
32	Mr.V.R.Vimal	<p>1.Sentiment Analysis.</p> <p>2.Opinion Mining for E-Commerce in Social Media Accounts</p>	Modern Computing