



ERODE SENGUNTHAR ENGINEERING COLLEGE



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

OUR VISION

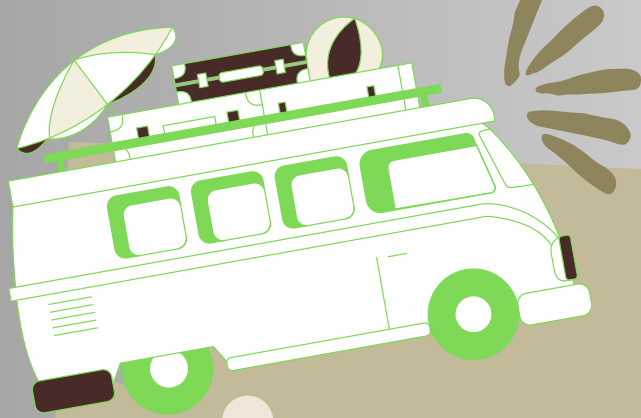
Vision of Erode Sengunthar Engineering College is to become a World Class Technical Institution and Scientific Research Centre for the Benefit of the Society.

QUALITY POLICY

Erode Sengunthar Engineering College is committed to impart World Class Technical Know-How to the Students from diverse Socio Economic backgrounds and to transform their lives by nurturing Multi-Skills and facilitating them to develop holistically

OUR MISSION

- Create Positive difference to Society through Innovative Teaching – Learning Process.
- Impart Value Based Technical Education to the Students from across various Socio Economic backgrounds.
- Build State of art infrastructure for high quality Research and Development capabilities on par with the finest in the Globe and widen student's horizons beyond Class Room.
- Bring out Competent, Ethically Strong and Quality Professionals.



ASSOCIATION ACTIVITIES

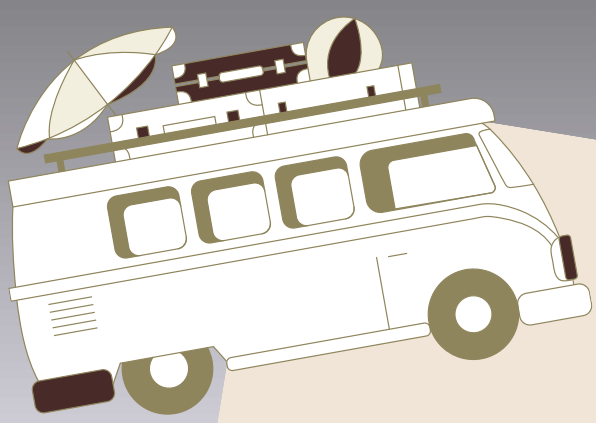
- THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING ACTIVELY ORGANIZED SEVERAL ASSOCIATION ACTIVITIES AND GUEST LECTURES IN 2023.
- LEADERS TALKS WERE HELD ON 9TH FEBRUARY, FEATURING ALUMNI RESOURCE PERSONS MR. JAYABALAJI, MR. RANJITHKUMAR, AND MR. BALASUBRAMANIAM FROM THE 2004 B.E. CSE BATCH, AND ON 23RD
- ADDITIONALLY, A LECTURE TITLED “PREPARE YOURSELF FOR INDUSTRY 4.0” WAS CONDUCTED ON 15TH MARCH 2023, DELIVERED BY MR. MUHAMEED ILYAS K.M., CEO OF IT EXPERT TRAINING, CHENNAI.

Details of paper presented by the students **ONLINE** and **OFFLINE**

KPR INSTITUTE FOR ENGINEERING AND TECHNOLOGY — 16 & 17 FEBRUARY 2023

- FIVE STUDENTS (KARTHIKEYAN B, KOWSIK KUMAR N, KIRAN GR, KOUSIK G, LOKESH R) PRESENTED PAPERS ON BIT COIN.
- FOUR STUDENTS (DHIVAAN T, BHUVANESHWARAN P, BOOPATHI S, KAVIN PRASAD J) PRESENTED ON STAR LINK.
- FOUR STUDENTS (INDIRAJITH V, DHANUSH R, DINESH PV, DHAKCHINAMURTHI VM) PRESENTED PAPERS ON PHISHING ATTACKS.
- THREE STUDENTS (HAREESH KUMAR K, KARTHIK S, JAGADEESH T) PRESENTED ON LIFI TECHNOLOGY.
- TWO STUDENTS (RAGAKEERTHINI S V, SOWMIYA C) PRESENTED ON 50 STARTUP COMPANY PREDICTION.
- TWO STUDENTS (SUBASHINI S, YOGALAKSHMI M) PRESENTED ON INTERNET OF THINGS.





Students presented paper on:

- ACCIDENT PREVENTION IN HILL STATION USING IOT (NITHYANANTHAN N)
- WOMEN SAFETY DEVICE (SHEELAMANI M)

Karpagam College of Engineering — 17 & 18 February 2023

- FOUR STUDENTS (BOOPALA KRISHNAN M, BALASUBRAMANIAM M, ASWIN KUMAR R D, KEERTHANA P) PRESENTED ON LIFI TECHNOLOGY.
- TWO STUDENTS (DEVAPRIYA T, ILAMATHI D) PRESENTED ON CYBERSECURITY.

Paper Presented on

- DATA SCIENCE (DEEKSHA R)

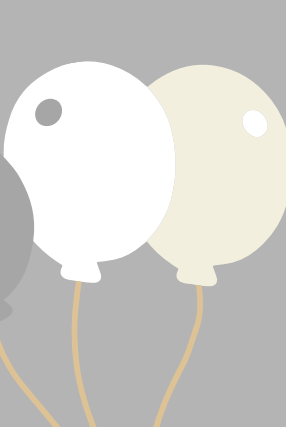
Dr. N.G.P. Institute of Technology — 25 February 2023

- TWO STUDENTS (THARUN M, PRATHAP V) PRESENTED ON NEURAL NETWORKS.
- THREE STUDENTS (PAVITHRA B, PUSHPALATHA D, SHAJUNA B) PRESENTED ON IP SPOOFING.

Velalar College of Engineering and Technology — 24 February 2023

- ETHICAL ISSUES OF AI (THARUN M)
- IP SPOOFING (PRATHAP V)
- BUSINESS INTELLIGENCE (PRIYADEVI S, ASWITHA R)
- METAVERSE TECHNOLOGY (GOKUL KANNAN R)




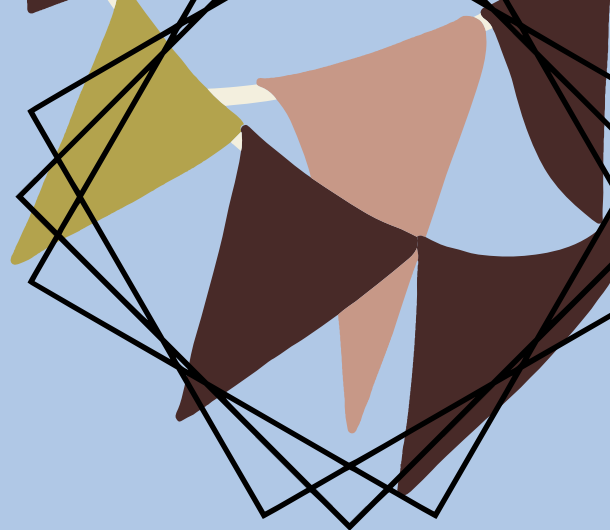
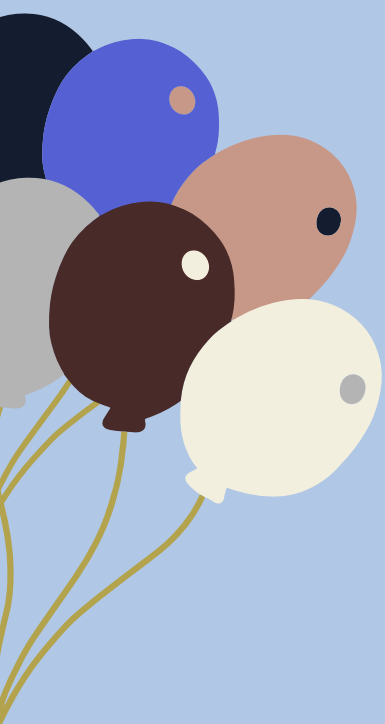


Sona College of Technology — 24 February 2023

- TWO STUDENTS (AGALYA S Y, KANNAN M) PRESENTED ON AUTOMATIC NUMBER PLATE RECOGNITION AND EACH WON I PRIZE.

Sree Sakthi Engineering College — 25 February 2023

- FOUR STUDENTS (ANNAPURNA T, BRINDHA D, ASWITHA U, KANAGALAKSHMI V) PRESENTED ON BRAIN COMPUTER NETWORK.
 - TWO STUDENTS (HARIDHARANI S, APARNA C) PRESENTED ON QUANTUM COMPUTING.
 - TWO STUDENTS (KEERTHANA P, JERRINE VARSHINI J) PRESENTED ON LIFI TECHNOLOGY.
 - EXCEL ENGINEERING COLLEGE — 27 FEBRUARY 2023
 - TWO STUDENTS (SANTHOSH C, THARUN M) PRESENTED ON ARTIFICIAL INTELLIGENCE, BOTH SECURING II PRIZE.
 - THREE STUDENTS (PRATHAP V, SANTHOSH K, SANTHOSH C) PRESENTED ON ARTIFICIAL INTELLIGENCE.
 - VARIOUS STUDENTS PRESENTED PAPERS ON TOPICS SUCH AS IP SPOOFING, AR VERSUS VR, DOS ATTACK, ETHICAL HACKING, MACHINE LEARNING TECHNIQUES, BLUE BRAIN TECHNOLOGY, WEB 3.0, AND ZIGBEE TECHNOLOGY.
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Special Recognition

- I PRIZE: AGALYA S Y AND KANNAN M FOR "AUTOMATIC NUMBER PLATE RECOGNITION" AT SONA COLLEGE OF TECHNOLOGY.
- II PRIZE: SANTHOSH C AND THARUN M FOR "ARTIFICIAL INTELLIGENCE" AT EXCEL ENGINEERING COLLEGE.

Participation by students in Seminar/National/ International conferences **ONLINE and OFFLINE**

- AT THE KPR INSTITUTE OF ENGINEERING AND TECHNOLOGY ON 16TH AND 17TH FEBRUARY 2023, TWELVE STUDENTS PARTICIPATED IN THE BLIND CODING EVENT, INCLUDING KIRAN G R, DHIVAAN T, BHUVANESHWARAN P, KOWSIK KUMAR N, KARTHIKEYAN B, INDIRAJITH V, DHANUSH R, DINESH PV, DHAKCHINAMURTHI VM, BOOPATHI S, KAVIN PRASAD J, AND KOUSIK G.
- ADDITIONALLY, SEVERAL STUDENTS INCLUDING HAREESH KUMAR K, KARTHIK S, JAGADEESH T, NITHYANANTHAN N, SHEELAMANI M, RAGAKEERTHINI S V, AND SOWMIYA C PARTICIPATED IN THE CODEATHON EVENT AT THE SAME VENUE AND DATES, WITH SOME STUDENTS TAKING PART IN BOTH EVENTS.
- AT KARPAGAM COLLEGE OF ENGINEERING ON 17TH AND 18TH FEBRUARY 2023, A LARGE GROUP OF STUDENTS—GAYATHRI K, DEVADHARSHINI R, ABINAYATHARANI M, PRIYADEVI S, ASWITHA R, KAVITHA K, JAYAPRAKASH E K, GOPIKA S J, LASHMAN G J, AGALYA S Y, HARIHARAN K, KANNAN M, BINCY S, ABINAYASRI R, KAVIBHARATHI A, AND NAVEEN KUMAR P—PARTICIPATED IN VARIOUS TECHNICAL EVENTS.



FDP/ STTP / WORKSHOP /SEMINAR

- Faculty members of the Department of Computer Science and Engineering actively participated in various faculty development and research activities during 2023.
- T. Kalai Selvi attended a three-day online FDP on “Exploring Next Generation Smart Solutions” at Sri Sivasubramaniya Nadar College of Engineering.
- E. Loganathan participated in a five-day FDP on “Machine Learning using Python” at Hindusthan College of Engineering and Technology, and
- R. Punitha Gowri attended an FDP on “Advanced Issues in Image Processing” at Sri Ramakrishna Institute of Technology, Coimbatore.
- S. Revathi completed a short term training program on “Research Analysis and Evaluation Techniques” at Marwadi University, Gujarat.
- The department showed a strong research presence at the National Conference on Recent Technologies and Computing Sciences at Velammal Engineering College, Chennai (11.04.2023). Papers were presented by S. Revathi (“Phishing Website Detection using Machine Learning Algorithm”, “Identification of Fake News using Machine Learning”),
- Dr. A.V. Santhosh Babu (“Ocean Coastal Water Pollution Identification Using Deep Neural Network”, “Developing a Web Application for ECORIDE Sustainable Transportation Platform”), D. Vaduganathan (“Smart Plant Monitoring System”),

- E. Loganathan ("Signature Verification using Harris Algorithm", "Vehicle Tracking and Accident Detection System Using IoT"),
- R. Punitha Gowri ("Examination Room Guidance with Attendance using IoT", "A Proficient Privacy Protection System for Secure Data Transmission in Cloud Environment"), and a joint team (Bhuvaneshwaran P, Dhivaan T, Lokesh R, U. Gowrisankar) ("Voice Based Email for Blind").
- Further conference presentations included topics such as object detection, accident avoidance, privacy protection, IoT applications, depression analysis, and various systems using embedded and AI technologies, delivered at events hosted by Paavai Engineering College, St. Joseph's College of Engineering, Velammal Institute of Technology, and Excel Engineering College.
- S. Revathi also presented at the International Conference on Contemporary Challenges in Science and Its Engineering Applications at Study World College of Engineering, Coimbatore.
- In book and chapter publications, Dr. A.V. Santhosh Babu published "Wireless Sensor Networks" (Amazon Kindle),
- R. Punitha Gowri authored "Soft Computing" (Nitya Publishers), and
- M. Shankar contributed a chapter entitled "Data Science" in an Engineering Book by Aasan Publications.

JOURNAL PUBLICATIONS BY THE FACULTY :

Faculty members from the Department of Computer Science and Engineering actively contributed to scholarly publications in 2023.

- T. Kalai Selvi published multiple papers addressing topics such as blockchain-based HER management using smart contracts, data management and heterogeneous storage in IoT, automatic generation of Ethereum-based smart contracts for agri-food traceability, behavior-based fraud detection, and damage acknowledgment in IoT-enabled networks across reputed journals including IJARIE, CSEIJ, IJIRSET, IJRAR, and IJCRT.

- Dr. A.V. Santhosh Babu contributed papers on privacy meta search engines, cardiovascular prediction using machine learning optimization, and surveys on machine learning algorithms for data science, as well as co-authoring research on the enhancement of market data partitioning scalability and high dimensionality management using deep learning together with Dr. G. Sivakumar, who also published deep learning-based detection of cardiovascular defects.
- U. Gowrishankar focused on the analysis of healthcare big data and published on malicious URL detection using machine learning.
- R. Punitha Gowri's research targeted the early detection of Alzheimer's disease with convolutional neural networks.
- E. Loganathan explored drug component analysis using decision-tree optimized neural networks for disease-related drug recommendation.
- S. Revathi published a review on WhatsApp-based helpdesk management systems. Collectively, these publications demonstrate the department's strong engagement in cutting-edge research spanning artificial intelligence, machine learning applications, IoT, big data analytics, cybersecurity, and healthcare technology.

SPECIAL LECTURES BY INDUSTRIAL EXPERTS

The Department of Computer Science and Engineering organized several enriching events in early 2023.

- Leaders Talks were conducted on 9th February, featuring alumni Mr. Jayabalaji, Mr. Ranjithkumar, and Mr. Balasubramaniam from the 2004 B.E. CSE batch, and on 23rd February, featuring Mr. Muthukumar from TCS, Chennai, a 2014 batch alumnus. A seminar titled "An Optimistic Outlook – The Way to Achieve Mental Health Security" was organized on 3rd March with Mrs. D.G. Beautlinvinola, Assistant Professor of Medical Electronics at Sengunthar Engineering College, as the resource person.
- Additionally, a lecture on "Prepare Yourself for Industry 4.0" was delivered by Mr. Muhameed Ilyas K.M., CEO of IT Expert Training, Chennai, on 15th March 2023.



Institute – Institute Interaction

- In March 2023, the Department welcomed two notable academic visitors. Mrs. D.G. Beautlinvinola, Assistant Professor in the Department of Medical Electronics at Sengunthar Engineering College, Tiruchengode, visited on 3rd March to conduct a seminar titled "An Optimistic Outlook – The Way to Achieve Mental Health Security."
- On 2nd March, Mr. J.E. Moshe Dayan, Faculty Coordinator of the IPR Cell at PSNA College of Engineering and Technology, delivered a workshop on "Intellectual Property Rights and IP Management for Startup."
- Agalya S Y, Kannan M has presented a paper on Automatic Number Plate Recognition in the symposium organized by Sona College of Technology on 24.02.2023 and won I Prize
- Karthikeyan M, V.V. Sridhar of III Year CSE won the Second Prize in Reels Making Competition on 24.03.2023 organized by Kalignar Karunanithi Institute of Technology, Coimbatore

WORKSHOP / SEMINAR / PAPER PRESENTATION BY THE STUDENTS

- Students from II and III Year CSE actively participated in a variety of symposia, conferences, and national-level events at prestigious institutions during 2023.
- At the KPR Institute for Engineering and Technology (16–17 Feb), groups presented topics including Bitcoin, Star Link, Phishing Attacks, Lifi Technology, Accident Prevention using IoT, Women Safety Devices, 50 Startup Company Prediction, and Internet of Things.
- At Karpagam College of Engineering (17–18 Feb), students discussed Lifi Technology, Cybersecurity, and Data Science.
- Dr. N.G.P. Institute of Technology (25 Feb) saw presentations on Neural Networks and IP Spoofing, while Velalar College of Engineering and Technology (24 Feb) featured papers on topics such as Ethical Issues of AI, IP Spoofing, Business Intelligence, and Metaverse Technology.
- Students earned recognition as well: at Sona College of Technology,
- Agalya S Y and Kannan M won First Prize for their work on Automatic Number Plate Recognition, while at Excel Engineering College, Santhosh C and Tharun M secured Second Prize for Artificial Intelligence.

- Further, students presented various innovative ideas at national symposiums and conferences across institutions such as Sree Sakthi Engineering College, Excel Engineering College, Kongu Engineering College, M. Kumarasamy College of Engineering, Al-Ameen Engineering College, Kalaignar Karunanidhi Institute of Technology, Jansons Institute of Technology, Nandha College of Technology, KSR College of Technology, Paavai Engineering College, Velammal Engineering College, St. Joseph's College of Engineering, Karpagam College of Engineering, Muthayammal College of Engineering, and Velammal Institute of Technology.
- Topics ranged from advanced computations in Blue Brain Technology, Machine Learning Techniques, E-Waste Management, Homomorphic Cryptosystem, Embedded Systems for voice banking applications, object detection using AI, accident prevention, depression detection via social media, web and cloud applications, personalized healthcare, to IoT solutions for real-time monitoring and automation.
- The notable diversity of project themes and the large number of venues reflect the strong engagement, collaboration, and research inclination among II and III Year CSE students, with multiple projects earning top honors and special mentions at state and national forums.

JOURNAL PUBLICATIONS BY STUDENTS

IV Year B.E. CSE Student Journal Publications (2023):

- IV Year CSE students have made significant contributions by publishing papers in prominent journals. Notable works include research on Customer Segmentation using Tableau Method, Crop Disease Detection using CNN, Software Vulnerability Prediction, Online Auction System Using Blockchain, and Finding Fake Transactions Using Semi-Supervised Models—all published in the International Journal of Advance Research and Innovative Ideas in Education (IJARIIIE), Volume-9, Issue-2, 2023. The cohort also produced papers on detecting groundnut leaf disease, brain tumor segmentation via convolutional neural networks, sign language to speech for Indian languages, malware detection using linear regression, healthcare analytics using artificial neural networks, and social network mental disorders detection.



- Further, students explored machine learning for heart disease prediction, blockchain for HR management and online voting, face recognition-based bus attendance, AI-based plagiarism detection, bank loan prediction, anonymous secure communication protocols in ad hoc networks, and privacy meta search engines. Topics like healthcare big data analysis, cotton leaf disease detection, insurance fraud prediction, early Alzheimer's detection, live image blurring, click and session-based CAPTCHA, voice banking, cyberbullying detection, car parking detection, and tourism-based hybrid recommendation systems were also published in reputable journals, including IJARIE, GIS Science Journal, and International Journal for Research in Applied Science and Engineering Technology.

II Year M.E. CSE Student Journal Publications (2023):

- II Year M.E. CSE students also published extensively. Their research includes papers on Automatic Generation of Ethereum-Based Smart Contracts for Agri-Food Traceability (IJRAR), Representing Fine Grained Co-Occurrences for Behavior-Based Fraud Detection (IJCRT), and a Whatsapp-Based Helpdesk Management System (both review and implementation, in IJCRT and IJARAR). The cohort published on Cardiovascular Prediction Using Machine Learning Optimization Algorithm and Covid-19 Future Forecasting (IJARESM), along with original works on Enhanced Drug Recognition Using Optimized Models (International Journal of Intellectual Advancements and Research in Engineering Computations), Deep Learning Algorithms for Suicide Prediction, and Suicidal Ideation Detection Using Hybrid Techniques. Additional research contributions encompass Efficient Email Phishing Detection Using Machine Learning (IJRAR) and A Secure and Privacy Location Identify and Verification Process Using Hybrid Hashing Techniques (International Journal of Intellectual Advancements and Research in Engineering Computations).
- This summary highlights the research breadth and journal publication achievements of both IV Year B.E. CSE and II Year M.E. CSE students in 2023, underscoring their active engagement with cutting-edge topics in AI, machine learning, cybersecurity, IoT, big data, and blockchain.



WORKSHOP / SEMINAR / OTHER EVENTS BY THE STUDENTS



- Several students from the II, III, and IV Year CSE actively participated in a variety of webinars, workshops, seminars, and technical events in early 2023.
- On 21st February, a group of IV Year CSE students—Vishal R, Yegappan S, Yogalingam M, Kavin V, Kaviyarasan P, Mohan K, Divya K M, Mownambika S, and Santhiya S—took part in a webinar on PCB Design organized by Pantech E Learning Pvt. Ltd., Chennai.
- II Year CSE students Raushan Raj and Ramnath Kumar Ram attended a seminar on "Artificial Intelligence for the Indian Defence: Security Challenges and Opportunities" at Kongu Engineering College on 3rd and 4th March.
- Workshops on "Hadoop Tool Crunching Big Data" at M. Kumarasamy College of Engineering, Karur on 16th March saw participation from III Year CSE students Aarthi E, Ambika S, Akilan B, and Brindha D. Simultaneously, a group of II Year CSE students participated in a workshop on "Agile Methodology" at the same venue and date, including Guhan S, Manikandan M, Manikandan V, Manoj M, Ariharan, Kavin R, and Logeshwar S.
- Additionally, Kushagra Vaibhav from II Year attended a Robotics Manipulator workshop at Kongu Engineering College on 18th March, and Karthikeyan M participated in the eYantra Robocon workshop at PSG Institute of Technology, Coimbatore on 21st and 22nd March.
- Simpal Kumari from II Year CSE joined a quiz event at Al-Ameen Engineering College on 21st March.
- Entrepreneurship and innovation workshops at Excel Engineering College, held on 23rd March, engaged several III Year CSE students, including Nithyanathan N, Nantha Kumar K, Manikandan M, Yuvaraja Pandian M, Obath Solomon, Nithish R, Vignesh M, and Ragu Vijay S P. Abi Sri M of III Year took part in TrickMonster at KSR College of Engineering on 23rd–24th March.
- Circuit Debugging and Code Hunters events at Kalaingar Karunanidhi Institute of Technology, Coimbatore on 24th March drew participation from II and III Year CSE students such as Agalya S Y, Kannan M, Mohana Priya D, Poornima K, Preethi Vihashini V, Sathiya S, Sowmiya C, Madhumitha, Indirajith V, Gokula Kannan V, and Raga Keerthini S. Several III Year students—including Preethi Vihashini V, Sathya S, Madhumitha G, and Sowmiya C—also took part in the Biznxt Quiz at the same venue on 24th March.
- This active participation in a wide range of co-curricular activities demonstrates the students' keen interest in developing technical, analytical, and career-focused skills beyond the classroom.



ACADEMIC YEAR 2022–2023 (MAIN PROJECT)

Networking, Security & Privacy

An Anonymous Authentication and Secure Communication Protocol in Ad-Hoc Networks

Students: Nithish Kumar S, Sakthivel D, Saran S

Guide: Mr. D. Pavun Kumar

Privacy Meta Search Engine

Students: Prem Kumar C, Sowbaranika S, Kaviyarasan

Guide: Dr. A.V. Santhosh Babu

Healthcare / Medical Data Science

Analysis of Healthcare Bigdata with Scientific Programming

Students: Rajalingam S, Vishal R, Sudarsan T K

Guide: Mr. U. Gowrishankar

Health Insurance Claim Fraud Detection

Students: Preethasri U, Savitha A, Mownambika S

Guide: Dr. B.S. Deepapriya

Early Detection of Alzheimer's Disease Using CNN Algorithm

Students: Sangeetha A, Sangavi D, Sivanithi S

Guide: Ms. R. Punitha Gowri

Cardiac Diseases Prediction Using SVM and XG Boost Algorithm

Students: Sowndharya S, Vijaya Kumar G, Saranraj I T

Guide: Mr. E. Loganathan

Detecting Schizophrenia Stress Level Using EEG Signal Classification Using Value Weighted Naive Bayes

Students: Divya K M, Sneekha G, Saravana Kumaar D V, Yegappan S

Guide: Dr. S.V. Santhosh Babu

Big Data Analytics for Health Care using Artificial Neural Network

Students: T. Jhagavin, B. Gobisuresh, R. Divyabharathi

Guide: Dr. G. Saravanan

A Heart Disease Prediction using Machine Learning Algorithms

Students: B. Meikandan, G. Abinav, P. Dharaneesh

Guide: Ms. T. Kalaiselvi

Disease Detection & Medical Imaging

Cotton Disease Detection using YOLO Algorithm

Students: Snega A, Sharmila M, Priyadharshini V

Guide: Mr. M. Senthil Kumar

Crop Disease Detection using CNN

Students: S. Gobika, S. Kanishka, S. Mohanapriya

Guide: Ms. E. Angel Anna Parthiba

Identification and Detection of Groundnut Leaf Disease

Students: S. Dhivya, R. Gomathi, N. Nandhini

Guide: Mr. E. Loganathan

Convolution Neural Network for Brain Tumor Segmentation

Students: R. Dharani, N. Kavenesh, S. Nandhakumar

Guide: Dr. G. Sivakumar

Early Detection of Alzheimer's Disease Using CNN Algorithm

Students: Sangeetha A, Sangavi D, Sivanithi S

Guide: Ms. R. Punitha Gowri

Cybersecurity & Authentication

Detection of Cyberbullying on Social Media Using Machine Learning

Students: Pradhap V, Sunilkumar K, Kavim V

Guide: Ms. S. Srividhya

Malware Detection Using Linear Regression Algorithm

Students: S. Bharath, D. Gowtham, K. Idhaya

Guide: Ms. N.R. Raghapriya

Click and Session Based Captcha as Graphical Password Authentication Process using AI Technology

Students: Sanjayprasath M, Yogalingam M, Suryaprakash

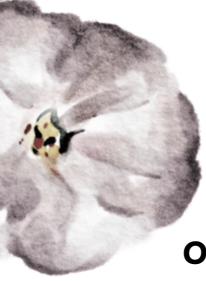
Guide: Ms. M. Kowsalya

Blockchain & Secure Systems

Online Voting System Using Blockchain

Students: Rasika M, Pranesh S, Mohan K

Guide: Mr. K.A. Dhamotharan



Online Auction System Using Blockchain

Students: D. Akash, S. Elanjurayan, N. Dhanabal

Guide: Mr. K.A. Dhamotharan

A Blockchain Based Smart Contract System for Health Care Data Management

Students: R. Janakrishnamoorthy, M. Jibin, S. Sanjay

Guide: Ms. T. Kalaiselvi

Application Development & Innovative Solutions

Grocery Items Detection Using Android Studio

Students: Uthiramoorthi K, Vignesh M, Thanush M

Guide: Ms. J. Rohini

Tourism-Based Hybrid Recommendation System

Students: Sharmila P, Tamil Selvi R, Vasanthi K

Guide: Mr. D. Vaduganathan



Customer Segmentation Using Machine Learning

Students: M Abi, K Karthika, G Iswarya

Guide: Ms. S. Sivaselvi

Face Recognition Based Attendance in Bus

Students: K. Kowsik, P. Kishore, N. Naveen

Guide: Ms. S. Kiruthika

Sign Language to Speech for Indian Languages

Students: Bandana Pramodyadav, R. Indhu, K. Madhumitha

Guide: Dr. G. Saravanan

Additional Themes

Fake News Detection Using Machine Learning

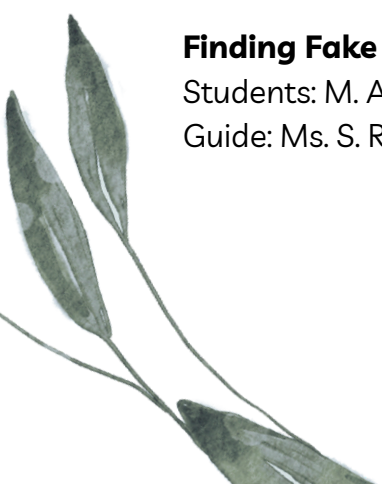
Students: R. Divya, S. Jayapriya, N.K. Nivitha

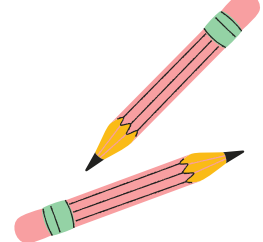
Guide: Dr. S. Tamilselvan

Finding Fake Transactions Using Semi Supervised Models

Students: M. Akash, S. Kishorekumar, K. Barani, G. Manoj

Guide: Ms. S. Revathi





Bank Loan Prediction Using Logistic Regression

Students: S. Rajapandi, V. Anupriya, P. Babuganesh

Guide: Ms. S. Sivaselvi

VISION

- To evolve as a centre of excellence in the field of computer science and engineering to serve the challenging needs of industry and society

MISSION

- To impart fundamental Computer Science and Engineering concepts and a broad set of technical skills
- To impart practical exposure on latest technological developments in Computer Science and Engineering.
- To cultivate research culture and innovative technologies that contributes for sustainable development
- To inculcate professional, strong ethical values and leadership abilities in the young minds.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

- **PEO1-CORE COMPETENCE:** Our Graduate will be Globally Competent Computer Science Professionals who would comprehend, understand, analyse and solve Engineering problems in order to cater to the needs of industry and society
- **PEO2-BREADTH** Our Graduates will interact with their peers in multi-disciplinary environment in industry and society and contribute to the economic growth of the country.
- **PEO3- RESEARCH & INNOVATION:** Our Graduates will have the ability to adapt, contribute and Research, innovate new technologies and systems in the domain of Computer Science and Engineering
- **PEO4-PROFESSIONAL INTEGRITY:** Our Graduates will function in their chosen profession with ethics, social awareness and responsibility.

PROGRAM SPECIFIC OUTCOMES (PSOS)

- **PSO1:** Software Development Model: An ability to design a software project using Software Development Life Cycle process.
- **PSO2:** Advanced Technology Skills: An ability to develop application using Computing and Communication Technologies.
- **PSO3:** Personality Development: Able to inculcate Effective Communication, Team Work, Ethics and Leadership skills in a preparation for a successful career in Industry.





EDITORIAL BOARD:

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