



# ERODE SENGUNTHAR ENGINEERING COLLEGE

(AUTONOMOUS) Perundurai, Erode District - 638 057

NEWSLETTER 2024-2025

# DEPARTMENT OF M.TECH. CSE

(5 YEARS INTEGRATED COURSE)



2024-25

Volume - 5







# INSTITUTION VISION & MISSION

## 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.**

## Our Mission

**Erode Sengunthar Engineering College will strive continuously to**

- 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.**

# DEPARTMENT OF M.TECH. CSE

(5 YEARS INTEGRATED COURSE)



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## ABOUT THE DEPARTMENT

M.Tech. in Computer Science and Engineering (CSE) program started during the year 2021 and it is designed to cultivate advanced technical expertise, innovative thinking, and ethical leadership. We provide a dynamic learning environment that equips students with cutting-edge knowledge and research capabilities, preparing them to address complex industry challenges and contribute to technological advancements. Our institution is committed to shaping the future of computer science and engineering by fostering innovation, excellence, and ethical leadership. We provide a dynamic learning environment that empowers students to become industry-ready professionals and responsible global citizens. We strive to be a leading center of excellence in Computer Science and Engineering, equipping students with the knowledge, skills, and ethical values necessary to meet industry and societal challenges. Through innovation and research, we aim to drive sustainable development and technological advancements.

## VISION

To emerge as a premier center of excellence in Computer Science and Engineering, fostering innovation, advanced research, and technological leadership to address global challenges and contribute to societal progress..

## MISSION

- To impart quality education in Computer Science and Engineering with multidisciplinary approach, integration of theoretical knowledge, practical skills and emerging technologies.
- To cultivate a research-oriented approach, critical thinking and problem-solving abilities through innovation and industry collaborations.
- To inculcate ethical values, leadership qualities and commitment to the lifelong learning, empower the students for professional excellence.
- To advance computing research through interdisciplinary studies, innovative projects and contributions to cutting-edge science.

## PROGRAM OUTCOMES

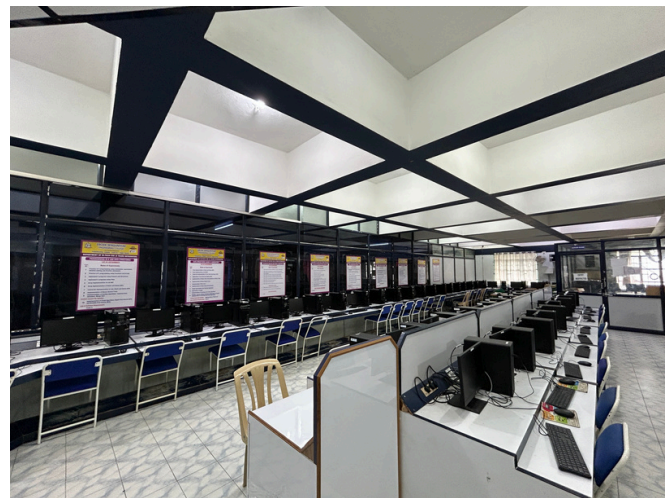
- 1.Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- 2.Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- 3.Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- 4.Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- 5.Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- 6.The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- 7.Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- 8.Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- 9.Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- 10.Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- 11.Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- 12.Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

## PROGRAM SPECIFIC OUTCOMES

**PSO1:** Apply the fundamental knowledge for problem solving and analysis as well as conduct investigations in computer science and engineering for sustainable development.

**PSO2:** Design and develop the solutions for real time problems and implement them by using modern software tools in lieu of deploying them in the society for its growth.

**PSO3:** Communicate effectively, adopt ethics and engage in life-long learning



## PROGRAM EDUCATIONAL OBJECTIVES

**PEO1:** Ability to be Successful career in academia or industries associated with Computer Science and Engineering.

**PEO2:** Able to Exhibit analytical, decision making and problem solving skills for handling real life problems and to create novel products.

**PEO3:** Ability to communicate the findings or express innovative ideas in an effective manner with an

awareness of professional, social and ethical responsibilities to broader social context.

**PEO4:** To Possess leadership qualities and emerge in a range of professions.



# DEPARTMENT OF M.TECH CSE

## MESSAGE FROM THE HEAD OF DEPARTMENT



Welcome to M.Tech. Computer Science and Engineering!

It is my pleasure to welcome you to the M.Tech. in Computer Science and Engineering (CSE) program, where innovation meets excellence. In today's fast-evolving technological landscape, computer science plays a pivotal role in shaping industries, research and society. Our program is designed to equip students with the advanced technical knowledge, research capabilities and leadership skills required to thrive in this dynamic field.

At our institution, we emphasize cutting-edge technology, interdisciplinary learning and industry collaboration ensuring that students gain both practical expertise and academic excellence. With a strong commitment to fostering innovation, ethical practices and sustainability, we prepare graduates to contribute meaningfully to global advancements in computing.

Whether you aspire to drive groundbreaking research, lead industry transformations, or develop solutions for real-world challenges, this program will empower you with the tools and confidence to succeed.

I invite you to embark on this exciting journey with us and explore the endless possibilities that the field of computer science has to offer.

Best regards  
Dr.S.Umarani  
Professor  
Head of Department  
M.Tech. Computer Science and Engineering

# ACADEMIC ACTIVITIES

1

## **EMPOWERING YOUR DAILY WORK: PRACTICAL PROMPT ENGINEERING**

MR. P. DINESH KUMAR, PRODUCT MANAGER – KISSFLOW, CHENNAI

## **BUSINESS INTELLIGENCE WITH POWER BI: A HANDS-ON TRAINING EXPERIENCE**

MR. T. RAJAN, ASSISTANT PROFESSOR – PRESIDENCY UNIVERSITY, BANGALORE

## **MULTI-MODAL DATA FUSION FOR COMPREHENSIVE ANALYSIS**

MR. P. BOOPATH, CHIEF TECHNICAL EXECUTIVE – MONZHA RESEARCH LABS, COCHIN



## **LOGIC BUILDING IN JAVA PROGRAMMING**

MR. NANDHAGOPAL, ASSISTANT PROFESSOR (SR.G) – KPR IET, COIMBATORE

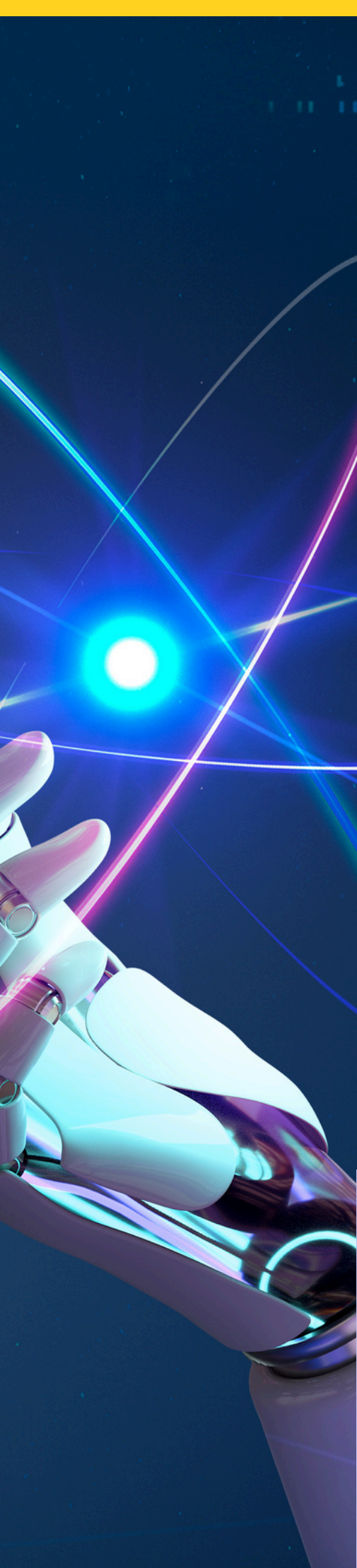
## **HANDS-ON BIG DATA ANALYTICS: TOOLS, TECHNIQUES, AND INSIGHTS**

MR. SABRINATHAN MUTHU, FOUNDER & CEO – GATEWAY SOFTWARE SOLUTIONS, COIMBATORE

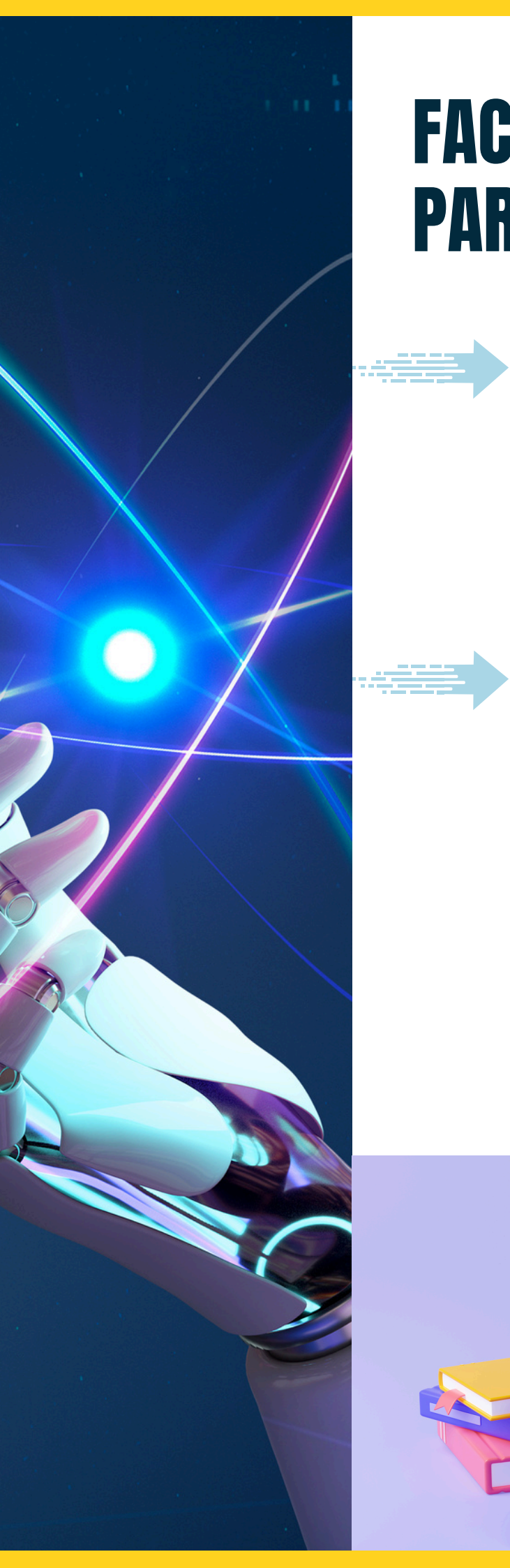




# FACULTY PARTICIPATION

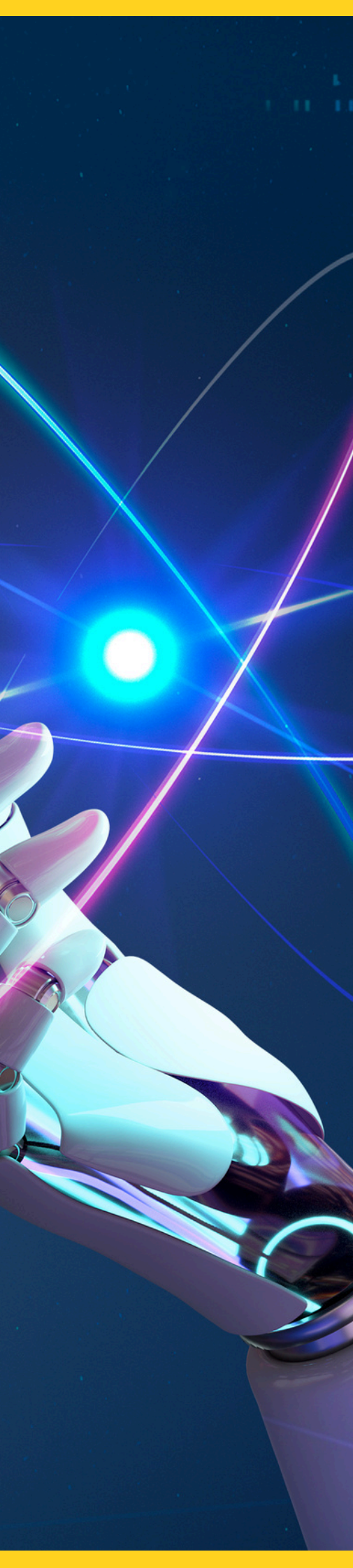


**Dr.S.Umarani , Associate Professor, Department of M.Tech-Computer Science and Engineering has participated in STTP on "Embedded System IoT and Security" organized by IETE students forum Sri Venkateshwara College of Engineering, Sriperumpudur from 10.06.2024 to 14.06.2024.**



**Dr.S.Umarani , Associate Professor, Department of M.Tech-Computer Science and Engineering has participated and completed NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC), organized by UGC-Malaviya Mission Teacher Training Centre (UGC-MMTTC), Bharathidasan University, Tiruchirappalli, Tamil Nadu from 01.07.2024 to 10.07.2024 and obtained the Grade 'A'.**





**Dr.S.Umarani , Associate Professor of M.Tech-Computer Science and Engineering has published an utility patent on "Automatic juice Vending Machine for Motherhood and Illness People", on 11.10.2024 Application Number: 202341025986.**

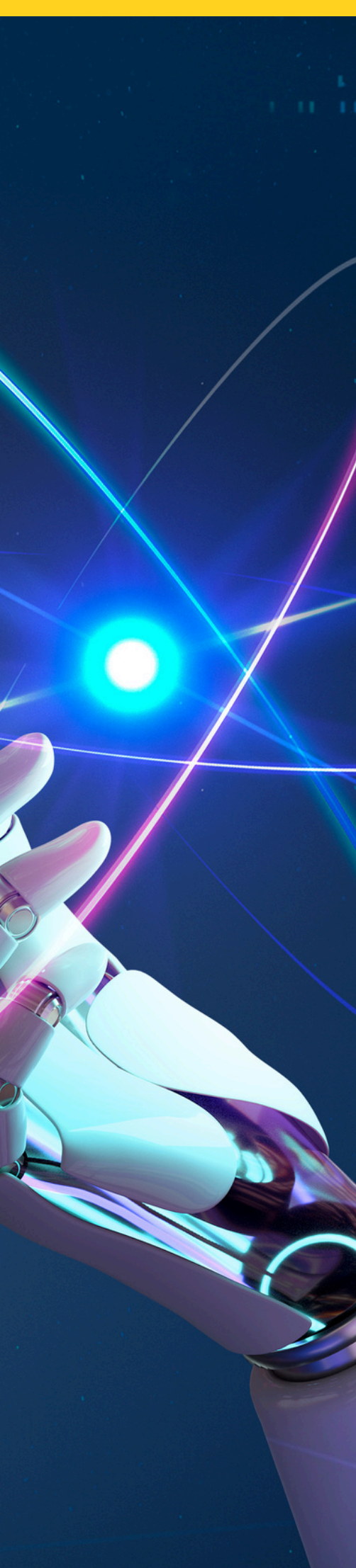
**Mr.K.A.Dhamotharan, Associate Professor, Department of M.Tech- Computer Science and Engineering has participated and Completed the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC), organized by UGC-Malaviya Mission Teacher Training Centre (UGC-MMTTC), Bharathidasan University, Tiruchirappalli, Tamil Nadu, India, during 05.08.2024 to 14.08.2024, and obtained the Grade 'A'.**

**Mr.A.Rajesh, Associate Professor, Department of M.Tech-Computer Science and Engineering has participated and Completed the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC), organized by UGC-Malaviya Mission Teacher Training Centre (UGC-MMTTC), Bharathidasan University, Tiruchirappalli, Tamil Nadu, India, during 05.08.2024 to 14.08.2024, and obtained the Grade 'A'.**

**Mr.K.A.Dhamotharan, Associate Professor, Department of M.Tech- Computer Science and Engineering has participated and completed AICTE Training and Learning (ATAL) Academy Faculty Development Program on "Design of Internet of Things (IoT) Solutions for Sustainable Environment" at Dr. N.G.P Arts and Science College Coimbatore, Tamilnadu, India, during 02.09.2024 to 07.09.2024.**

**Mr.A.Rajesh, Associate Professor, Department of M.Tech-Computer Science and Engineering has participated and completed AICTE Training and Learning (ATAL) Academy Faculty Development Program on "Design of Internet of Things (IoT) Solutions for Sustainable Environment" at Dr. N.G.P Arts and Science College Coimbatore, Tamilnadu, India, during 02.09.2024 to 07.09.2024.**





- **Mr.A.Rajesh, Associate Professor of M.Tech-Computer Science and Engineering has presented a paper on “Optimizing Electricity Theft Detection Using Neural Turing Machines and Machine Learning” in the International Conference on Software , Systems and Information Technology(SSITCON-2024) organized by the Department of Information and Science Engineering, Sri Siddhartha Institute of Technology, Tumakuru from 18.10.2024 to 19.11.2024.**
- **Mr.K.A.Dhamotharan, Associate Professor of M.Tech Computer Science and Engineering, published a patent on "A Machine Learning Approach For Predicting Entrepreneurial Success In Higher Education," Application No. 202441068871 A, Patent Office Journal No. 38/2024, Dated 20.09.2024.**
- **Mr.K.A.Dhamotharan, Associate Professor of M.Tech Computer Science and Engineering, published a patent on "Improving Student Performance with IoT-Enhanced Learning Environments: A Machine Learning Perspective," Application No. 202441068879 A, Patent Office Journal No. 38/2024, Dated 20.09.2024.**
- **Mr.A.Rajesh, Associate Professor of M.Tech Computer Science and Engineering, published a patent on "A Machine Learning Approach For Predicting Entrepreneurial Success In Higher Education," Application No. 202441068871 A, Patent Office Journal No. 38/2024, Dated 20.09.2024.**
- **Mr.A.Rajesh, Associate Professor of M.Tech Computer Science and Engineering, published a patent on "Improving Student Performance with IoT-Enhanced Learning Environments: A Machine Learning Perspective," Application No. 202441068879 A, Patent Office Journal No. 38/2024, Dated 20.09.2024.**



# FUNDS RECEIVED

*Dr.S.Umarani, Associate Professor of M.Tech-Computer Science and Engineering received grant of Rs. Rs. 2,31,428 on 01.07.2024 and Rs.2,26,701 on 18.08.2024 as consultancy from PMKVY - Skill Indiadigital -In collaboration with PKR arts and science college for 240 students .*

*Mr.K.A.Dhamotharan, Associate Professor and Mr.A.Rajesh, Associate Professor of M.Tech-Computer Science and Engineering have received grant of Rs.1,00,000 for an online faculty development programme on “High performance computing for Scientific Research and Simulation” from the AICTE Training and Learning(ATAL) Academy. The duration of FDP is from 16.12.2024 to 21.12.2024*



# STUDENT ACHIEVEMENTS

*Yukeshwaran N., Third Year, M.Tech - CSE,  
received appreciation from: NASA for detecting a  
vulnerability, recognized under the NASA  
Vulnerability Disclosure Policy (VDP) on 7th  
October 2024.*



*Logeshwaran S. & Santhakumar S., Third Year, M.Tech - CSE,  
were runners-up in the Chief Minister Trophy 2024 -  
Hockey Tournament, organized by Kongu Vellalar  
Polytechnic College, Erode, on 18th September 2024, and  
received a cash prize of Rs. 72,000/-.*

National Aeronautics and Space Administration  
Mary W. Jackson NASA Headquarters  
Washington, DC 20546-0001



Yukeshwaran\_N

On behalf of the National Aeronautics and Space Administration and NASA's Vulnerability Disclosure Policy (VDP), We'd like to recognize your efforts as an independent security researcher, both in identifying the vulnerability you submitted and for following NASA's VDP policy and guidelines in responsibly reporting this to us.

The ability to detect and report on security vulnerabilities is a valuable skill in the information security industry. Your reporting has facilitated NASA's awareness of otherwise unknown vulnerabilities and helped us protect the integrity and availability of NASA information.

Please accept this letter as a token of our appreciation for your efforts in detecting this vulnerability, and better enabling NASA to continue its advances in science, technology, aeronautics, and space exploration to enhance knowledge, education, innovation, economic vitality, and stewardship of the Earth. We are all in this together as a security community and your participation and expertise is commended.

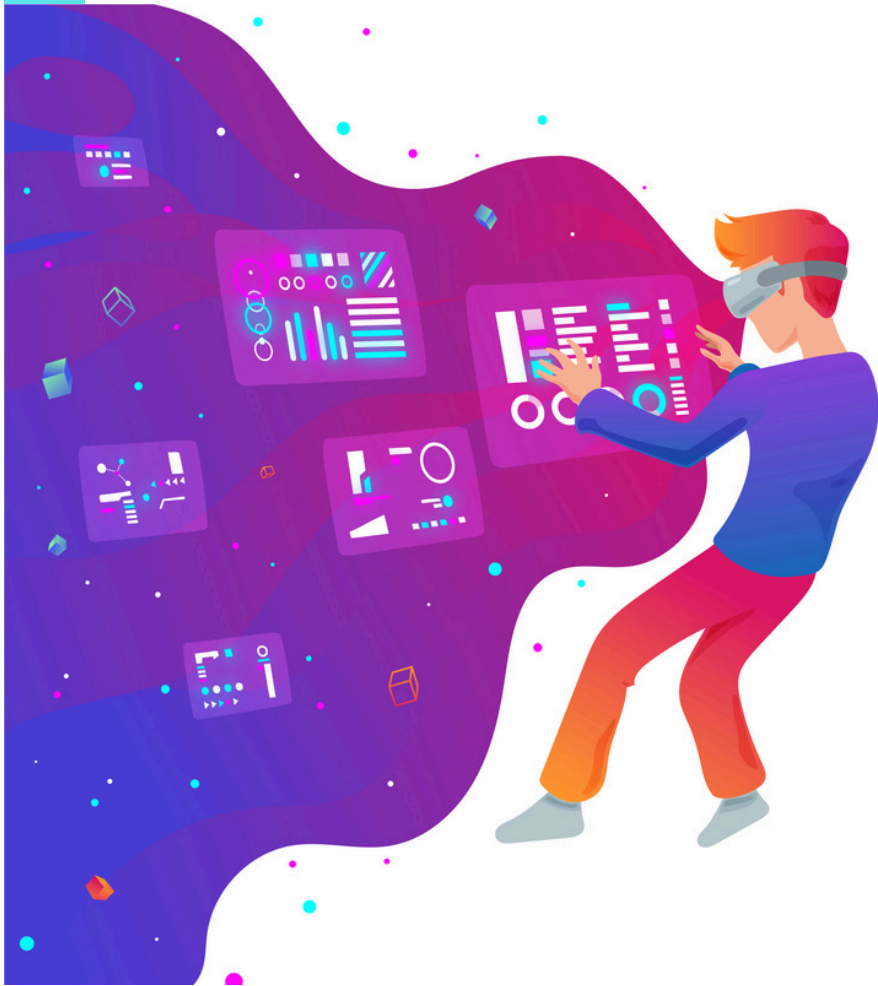
Sincerely,

A handwritten signature in black ink, appearing to read "Mary W. Jackson".

Senior Agency Information Security Officer SAISO  
NASA Office of Chief Information Officer OCIO  
NASA Vulnerability Disclosure Policy VDP



# Hackathons & Ideathons



10.09.2024

Selvan Sasidharan N, Selvan Sasi Ganeshan S (III M.Tech CSE) participated in a Hackathon at PPG Institute of Technology, Coimbatore.

27.09.2024

Selvan S. Dharaneswaran, Selvan N. Yukeshwaran, Selvan D. Maheshwaran, Selvan A. Mugunthan (III M.Tech CSE) participated in the Tech-Trek 8-Hour Non-Stop Hackathon at PPG Institute of Technology.

18.10.2024

Selven R. Suraj, Selven Mahendran, Selven Satheesh Kumar (II M.Tech CSE) participated in a Hackathon on "Travel & Tourism" at Coimbatore Institute of Technology, Coimbatore.

25.10.2024

Selvan Vikram P, Selvan Bharanidharan C, Selvan Praveenraj G, Selvan Dhilipkumar S, Selvan Immanuel S (IV M.Tech CSE) and Selvan Akilan P.R (III M.Tech CSE) participated in an Ideathon at KPR Institute of Technology, Coimbatore.



# Paper & Project Presentations

25.09.2024

Selvi R. Mangaiyakarasi, Selvi S. Keerthana (III M.Tech CSE) presented a paper on “Neural Fuzzy Logic Networks” at the 16th National Level Technical Symposium organized by Hindusthan Institute of Technology, Coimbatore.

22.10.2024

Selvan R. Kishore, Selvan U.R. Kabilan (III M.Tech CSE) and S. Muguthan, Selvan D. Ragavan (II M.Tech CSE) presented the project “Electric Skate Scooter” at the 18th National Level Technical Symposium ELIXIR 2024 organized by Government College of Engineering, Erode.



# Symposium Participation

05.11.2024

Selvan S. Santhakumar, Selvan S. Vasudevan (III M.Tech CSE) participated in a Symposium organized by Erode Sengunthar Engineering College.

# Workshops & Seminars

06.09.2024

Selvi R. Dhivya, Selvi T. Nivetha, Selvi B. Poorna Sri, Selvi R. Rajalakshmi (II M.Tech CSE) participated in the SEBR Sponsored Two-Day National Workshop on "Industry Safety Training on AR & VR" at Erode Sengunthar Engineering College, Erode.

21.08.2024

Selvi D. Jayashree, Selvi B. Menaka, Selvi E. Mohana, Selvi R. Dhivya, Selvi T. Nivetha, Selvi B. Poornashri, Selvi R. Rajalakshmi (II M.Tech CSE) attended the Workshop on "Gen AI" at Hindusthan Institute of Technology, Coimbatore.

11.09.2024

Selvan Akilan P.R (III M.Tech CSE) attended both a Workshop and a Hackathon at Jeppiar Institute of Technology, Chennai.

20.09.2024

Selvan Vikram P, Selvan Krishnan G, Selvan Immanuel S, Selvi Kanchana S, Selvi Vinitha K, Selvi Mohana Priya S, Selvan Srimariyappan S, Selvan Sanjai K, Selvan Dhilipkumar S (IV M.Tech CSE) attended the Workshop on "Science and Technology Capacity Building for Industrial Needs" at Velalar College of Engineering and Technology, Erode.

25.09.2024 – 27.09.2024

Selvan Logeshwaran, Selvan Praveenraj G, Selvan Bharanidharan C, Selvan Sujithkumar K, Selvan Gughan S, Selvan Naharajan M, Selvan Arunprasath B, Selvan Gokul Krishnan B, Selvi Yuvaprabha V, Selvi Nivetha M, Selvi Kalpana G (IV M.Tech CSE) attended the Workshop on "Science and Technology Capacity Building for Industrial Needs" at Velalar College of Engineering and Technology, Erode.

17.10.2024 – 18.10.2024

Selvan K. Aravinth Kumar, Selvan E. Arjun, Selvan E. Balakumar, Selvan R. Prithiviraj, Selvan Anadhan, Selvan Kavin Kumar (II M.Tech CSE) participated in the SEBR Sponsored National Workshop on "Predictions of Quantum Computing and Extended Reality (XR) in Automotive Industry" at Erode Sengunthar Engineering College, Erode.



# Student Mini Project Highlights

*Our students showcased creativity and innovation with 16 unique mini projects guided by faculty mentors.*

**WOMEN SAFETY SYSTEM USING IOT – A SMART SOLUTION FOR WOMEN’S SECURITY.**

**FACE DETECTION DOOR LOCK – ENHANCING HOME SECURITY WITH AI.**

**SMART WASTE DISPOSAL – IOT-ENABLED WASTE MANAGEMENT SYSTEM.**

**SECURE QR-BASED LIFE SAVING SYSTEM – EMERGENCY RESPONSE SYSTEM.**

**LAPTOP CONTROL VOICE ASSISTANT – VOICE-BASED SYSTEM CONTROL.**

**AI FACE DETECTOR & SAFETY MANAGEMENT – REAL-TIME MONITORING FOR SAFETY.**

**AUTOMATIC FIRE EMERGENCY TRANSMITTER – IOT-BASED FIRE ALERT SOLUTION.**

**SMART HOME AUTOMATION – INTELLIGENT HOME DEVICE CONTROL.**

**ENVIRONMENTAL & AIR POLLUTION MONITORING SYSTEMS – SUSTAINABLE ENVIRONMENT TRACKING.**

**PLANT AQUAGUARD (SMART WATERING SOLUTION) – AUTOMATED PLANT IRRIGATION.**

**SEWAGE BLOCK DETECTION – EARLY DETECTION OF DRAINAGE ISSUES.**

**SMART CRADLE FOR BABY MONITORING – IOT SYSTEM FOR INFANT SAFETY.**

**SOCIAL MEDIA SENTIMENT ANALYSIS – AI-DRIVEN OPINION MINING.**

**RECIPE GENERATOR – INTELLIGENT FOOD SUGGESTION SYSTEM.**

**BLOOD GROUP DETECTION USING DEEP LEARNING – AI-POWERED MEDICAL IMAGING TOOL.**

*These projects reflect the practical skills, innovation, and teamwork of our M.Tech CSE students, addressing real-world problems with IoT, AI, and Deep Learning technologies.*

# ALUMNI ASSOCIATION



**MS. R.VIGNESWARI, TECHNOLOGY LEAD, INFOSYS LIMITED, COIMBATORE, SHARED HER EXPERIENCE ABOUT THE DEVELOPING AN IT STRATEGY AND ROADMAP TOWARDS SUCCESS ON 23.10.2024.**



# Social Extension Activity



**DEPARTMENT OF M.TECH – COMPUTER SCIENCE AND ENGINEERING ORGANIZED THE SOCIAL EXTENSION ACTIVITY WITH 40 STUDENTS ALONG WITH ONE FACULTY. VISITED THE OLD AGE HOME “UNIVERSAL PEACE FOUNDATION OLDAGE HOME”, SATHYAMANGALAM, ERODE ON 17.08.2024 AND CONDUCT THE GAMES , PROVIDE THE NECESSARY MATERIALS FOR ONE MONTH.**



**•DEPARTMENT OF M.TECH – COMPUTER SCIENCE AND ENGINEERING ORGANIZED THE SOCIAL EXTENSION ACTIVITY WITH 53 STUDENTS ALONG WITH ONE FACULTY WE VISIT THE ORPHANAGE “ERODE ARIMA SOCIETY TRUST”, THINDAL, ERODE ON. 30.08.2024. WE CONDUCT THE GAMES AND PROVIDE THE PROVISION FOR ONE MONTH.**



**Department of M.Tech - Computer Science and Engineering organized the social extension activity with 60 students along with two faculty. Visit the Orphanage “Helping Hearts Home”, Tirupur on 13.09.2024 and conduct the games , provide the necessary materials for one month.**



**Department of M.Tech - Computer Science and Engineering organized the social extension activity with 60 students along with two faculty. Conducted the Awareness program and Planting trees in “Government Higher Secondary School”, 15 vellampalayam, Trippur on. 13.09.2024 also conduct the games and provide the necessary materials for one month.**



# Faculty's Publications

## **JOURNALS (SCI / SCOPUS / ANNEXURE)**

- **A. RAJESH – “ENHANCING AIR QUALITY PREDICTION IN IOT-BASED SMART ENVIRONMENTS USING GRAPH NEURAL NETWORKS AND CNN MODELS”, IEEE, 29 JULY 2025 (SCOPUS – PUBLISHED).**
- **G. G. GIRIJA VASUMATHI – “INTEGRATING SATELLITE DATA AND MACHINE LEARNING FOR RAPID FORECASTING OF SEVERE WEATHER EVENTS”, INT. JOURNAL OF ENVIRONMENTAL SCIENCES, 20 AUG 2025 (SCOPUS – PUBLISHED).**
- **S. KIRUTHIKA – “GREEN NANOTECHNOLOGY MEETS ARTIFICIAL INTELLIGENCE TOWARD SMART AND SUSTAINABLE ENVIRONMENTAL SYSTEMS”, INT. JOURNAL OF ENVIRONMENTAL SCIENCES, 20 AUG 2025 (SCOPUS – PUBLISHED).**

# Faculty's Publications

## **PATENTS PUBLISHED / GRANTED**

- **G. G. GIRIJA VASUMATHI – MACHINE LEARNING-BASED ENVIRONMENTAL SENSING DEVICE FOR MONITORING AND CONTROLLING MUSHROOM CULTIVATION FARMS, PATENT NO. 202541060684 A, PUBLISHED 11 JULY 2025.**
- **S. KIRUTHIKA – AI-POWERED MULTILINGUAL MEDIA ANALYSIS PLATFORM FOR AUTOMATED MISINFORMATION DETECTION, PATENT NO. 202511073827 A, PUBLISHED 22 AUG 2025.**



# Student's Participations

## HACKATHON



- **CLASS / BRANCH : M.TECH CSE IV YEAR**
- **NAME OF THE STUDENT: YUKESHWARAN N SASIGANESAN S MANGAIYARKARASI R FELIXROYSON A**
- **NAME OF THE EVENT : HACKATHON**
- **TITLE OF THE EVENT:HACKZILLA**
- **NAME OF THE INSTITUTION WHERE PARTICIPATED: KPR INSTITUTE OF ENGINEERING**
- **DATE: 12.9.2025 - 13.9.2025**
- **PRIZE: BEST INNOVATIVE IDEA (IOT KIT)**



# Student's Participations

## PAPER PRESENTATION



- CLASS / BRANCH : M.TECH CSE IV YEAR
- NAME OF THE STUDENT: VENGADESHWARAN. K
- PRIZE: III
- NAME OF THE EVENT : NATIONAL LEVEL TECHNICAL SYMPOSIUM
- TITLE OF THE EVENT: CODE TRACKING
- NAME OF THE INSTITUTION WHERE PARTICIPATED: SRI SAI RANGANATHAN
- DATE: 19.09.2025





# Student's Achievements



- **CLASS / BRANCH: M.TECH CSE IV YEAR**
- **NAME OF THE STUDENT: YUKESHWARAN N**
- **PRIZE: YOUNGEST SOUTH INDIAN ACHIEVER – CYBERSECURITY HALL OF FAME (INTERNATIONAL RECOGNITION)**  
**CYBERSECURITY HALL OF FAME RECOGNITION**
- **TITLE: IDENTIFICATION OF CRITICAL VULNERABILITIES IN GOVERNMENT WEBSITES**
- **NAME OF THE ORGANISATION: CERT-IN & NASA (INTERNATIONAL RECOGNITION)**
- **ADDITIONAL INFORMATION: HIS OUTSTANDING ACHIEVEMENTS HAVE BEEN FEATURED IN THE INDIA BOOK OF RECORDS 2025.**
- **DATE: 2025**



# Student's Participations

## EXTRACURRICULAR ACTIVITY



**OUR COLLEGE HOCKEY MEN TEAM WON THE SECOND PLACE IN ANNA UNIVERSITY ZONE XII INTERCOLLEGIATE HOCKEY TOURNAMENT HELD AT OUR COLLEGE.**



# Student's Participations

- **ARJUN E (ROLL NO: ES23CJ07), A III/V SEMESTER STUDENT, ATTENDED A TWO-DAY WORKSHOP ON "AI DRIVEN AUTOMATION IN BLOCKCHAIN-ENABLED IOT NETWORKS TRANSFORMING SMART ECOSYSTEMS" HELD ON 12TH AND 13TH JUNE 2025 AT ERODE SENGUNTHAR ENGINEERING COLLEGE, PERUNDURAI, AND GAINED HANDS-ON TRAINING ON BLOCKCHAIN-ENABLED IOT NETWORKS WITH AI AUTOMATION.**
- **NAGAPRAKASH R (ROLL NO: ES23CJ28), A III/V SEMESTER STUDENT, ATTENDED THE SAME WORKSHOP ON 12TH AND 13TH JUNE 2025 AT ERODE SENGUNTHAR ENGINEERING COLLEGE, PERUNDURAI, AND GAINED HANDS-ON TRAINING ON BLOCKCHAIN-ENABLED IOT NETWORKS WITH AI AUTOMATION.**
- **NAVANEETH G B (ROLL NO: ES23CJ29), A III/V SEMESTER STUDENT, PARTICIPATED IN THE SAME WORKSHOP ON 12TH AND 13TH JUNE 2025 AT ERODE SENGUNTHAR ENGINEERING COLLEGE, PERUNDURAI, GAINING HANDS-ON TRAINING ON BLOCKCHAIN-ENABLED IOT NETWORKS WITH AI AUTOMATION.**
- **PRADEEP S (ROLL NO: ES23CJ34), A III/V SEMESTER STUDENT, ATTENDED THE SAME WORKSHOP ON 12TH AND 13TH JUNE 2025 AT ERODE SENGUNTHAR ENGINEERING COLLEGE, PERUNDURAI, AND GAINED HANDS-ON TRAINING ON BLOCKCHAIN-ENABLED IOT NETWORKS WITH AI AUTOMATION.**
- **MADHUMITHA N.S. (ROLL NO: ES23CJ22), A III/V SEMESTER STUDENT, ATTENDED A ONE-DAY WEBINAR ON "CYBER SECURITY" ORGANIZED BY YHILLS EDUTECH PVT. LTD. ON 17TH JULY 2025 AND GAINED KNOWLEDGE ON THE FUNDAMENTALS OF CYBER SECURITY.**
- **DHARANI S (ROLL NO: ES24CJ07), A II/III SEMESTER STUDENT, ATTENDED A ONE-DAY WORKSHOP ON CROSS PLATFORM APPLICATION DEVELOPMENT USING FLUTTER AND DART AT KONGU ENGINEERING COLLEGE, PERUNDURAI ON 14TH AUGUST 2025 AND GAINED HANDS-ON EXPERIENCE IN APP DEVELOPMENT USING FLUTTER AND DART.**

# Student's Participations

- **HARSHINI S (ROLL NO: ES24CJ12), A II/III SEMESTER STUDENT, ATTENDED THE SAME ONE-DAY WORKSHOP ON 14TH AUGUST 2025 AT KONGU ENGINEERING COLLEGE, PERUNDURAI, AND GAINED HANDS-ON EXPERIENCE IN APP DEVELOPMENT USING FLUTTER AND DART.**
- **SARMITHA S (ROLL NO: ES24CJ36), A II/III SEMESTER STUDENT, PARTICIPATED IN THE SAME WORKSHOP ON 14TH AUGUST 2025 AT KONGU ENGINEERING COLLEGE, PERUNDURAI, GAINING HANDS-ON EXPERIENCE IN APP DEVELOPMENT USING FLUTTER AND DART.**
- **SHARISUDHA C (ROLL NO: ES24CJ39), A II/III SEMESTER STUDENT, ATTENDED THE SAME WORKSHOP ON 14TH AUGUST 2025 AT KONGU ENGINEERING COLLEGE, PERUNDURAI, AND GAINED HANDS-ON EXPERIENCE IN APP DEVELOPMENT USING FLUTTER AND DART.**
- **THISHA N (ROLL NO: ES24CJ44), A II/III SEMESTER STUDENT, PARTICIPATED IN THE SAME WORKSHOP ON 14TH AUGUST 2025 AT KONGU ENGINEERING COLLEGE, PERUNDURAI, GAINING HANDS-ON EXPERIENCE IN APP DEVELOPMENT USING FLUTTER AND DART.**
- **BHARGAVI SEKAR (ROLL NO: ES24CJ05), A II/III SEMESTER STUDENT, ATTENDED THE SAME WORKSHOP ON 14TH AUGUST 2025 AT KONGU ENGINEERING COLLEGE, PERUNDURAI, GAINING HANDS-ON EXPERIENCE IN APP DEVELOPMENT USING FLUTTER AND DART.**
- **HARY PHRASAANTH S M (ROLL NO: ES24CJ13), A II/III SEMESTER STUDENT, ATTENDED THE SAME WORKSHOP ON 14TH AUGUST 2025 AT KONGU ENGINEERING COLLEGE, PERUNDURAI, GAINING HANDS-ON EXPERIENCE IN APP DEVELOPMENT USING FLUTTER AND DART.**
- **NEELAKANDAN G (ROLL NO: ES24CJ21), A II/III SEMESTER STUDENT, PARTICIPATED IN THE SAME WORKSHOP ON 14TH AUGUST 2025 AT KONGU ENGINEERING COLLEGE, PERUNDURAI, GAINING HANDS-ON EXPERIENCE IN APP DEVELOPMENT USING FLUTTER AND DART.**
- **SUBRAMANIYAN P (ROLL NO: ES24CJ42), A II/III SEMESTER STUDENT, ATTENDED THE SAME WORKSHOP ON 14TH AUGUST 2025 AT KONGU ENGINEERING COLLEGE, PERUNDURAI, GAINING HANDS-ON EXPERIENCE IN APP DEVELOPMENT USING FLUTTER AND DART.**

# Student's Participations

- **MADHUMITHA N.S. (ROLL NO: ES23CJ22), A III/V SEMESTER STUDENT, ATTENDED A TWO-DAY ONLINE WORKSHOP ON "PROBLEM SOLVING USING AI TOOLS" AT THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI ON 13TH AND 14TH AUGUST 2025 AND LEARNT DEPLOYMENT OF AI TOOLS.**
- **KISHORE M (ROLL NO: ES24CJ16), A III/V SEMESTER STUDENT, ATTENDED A TWO-DAY INDUSTRIAL WORKSHOP ON "TURN CREATIVITY INTO INCOME" AT ERODE SENGUNTHAR ENGINEERING COLLEGE, PERUNDURAI ON 13TH AND 14TH AUGUST 2025 AND ENHANCED ENTREPRENEURIAL SKILLS AND PRACTICAL STRATEGIES FOR TRANSFORMING CREATIVE IDEAS INTO PROFITABLE VENTURES.**
- **VIKRAM U (ROLL NO: ES23CJ53), A III/V SEMESTER STUDENT, PARTICIPATED IN A ONE-DAY ONLINE WEBINAR ON "ARTIFICIAL INTELLIGENCE" ORGANIZED BY GATEWAY SOFTWARE SOLUTIONS ON 9TH AUGUST 2025 AND GAINED KNOWLEDGE ON THE FUNDAMENTALS OF AI.**
- **NAVEENRAJA V.M (ROLL NO: ES24CJ20), A II/III SEMESTER STUDENT, ATTENDED A TWO-DAY NATIONAL SEMINAR ON "SCIENTIFIC AND TECHNOLOGY DIMENSIONS OF CYBER SECURITY IN DIGITAL FUTURE" AT VELLALAR COLLEGE FOR WOMEN, ERODE ON 21ST AND 22ND AUGUST 2025 AND ENHANCED AWARENESS AND UNDERSTANDING OF EMERGING SCIENTIFIC AND TECHNOLOGICAL DIMENSIONS OF CYBERSECURITY TO ADDRESS CHALLENGES IN THE DIGITAL FUTURE.**
- **VIJAY VIKAS (ROLL NO: ES24CJ48), A II/III SEMESTER STUDENT, ATTENDED THE SAME NATIONAL SEMINAR ON 21ST AND 22ND AUGUST 2025 AT VELLALAR COLLEGE FOR WOMEN, ERODE, ENHANCING AWARENESS AND UNDERSTANDING OF EMERGING SCIENTIFIC AND TECHNOLOGICAL DIMENSIONS OF CYBERSECURITY.**
- **ELANGO (ROLL NO: ES24CJ09), A II/III SEMESTER STUDENT, PARTICIPATED IN THE SAME NATIONAL SEMINAR ON 21ST AND 22ND AUGUST 2025 AT VELLALAR COLLEGE FOR WOMEN, ERODE, GAINING ENHANCED UNDERSTANDING OF EMERGING CYBERSECURITY DIMENSIONS.**



# Student's Participations

- **NAKSHATRA G (ROLL NO: ES24CJ19), A II/III SEMESTER STUDENT, ATTENDED THE SAME SEMINAR ON 21ST AND 22ND AUGUST 2025 AT VELLALAR COLLEGE FOR WOMEN, ERODE, GAINING ENHANCED AWARENESS OF SCIENTIFIC AND TECHNOLOGICAL DIMENSIONS OF CYBERSECURITY.**
- **MEERA S (ROLL NO: ES24CJ18), A II/III SEMESTER STUDENT, ATTENDED THE SAME SEMINAR ON 21ST AND 22ND AUGUST 2025 AT VELLALAR COLLEGE FOR WOMEN, ERODE, ENHANCING UNDERSTANDING OF CYBERSECURITY CHALLENGES IN THE DIGITAL FUTURE.**
- **SANDHIYA K (ROLL NO: ES24CJ33), A II/III SEMESTER STUDENT, PARTICIPATED IN THE SAME SEMINAR ON 21ST AND 22ND AUGUST 2025 AT VELLALAR COLLEGE FOR WOMEN, ERODE, ENHANCING AWARENESS OF EMERGING CYBERSECURITY TECHNOLOGIES.**
- **VAISHNAVI S (ROLL NO: ES24CJ46), A II/III SEMESTER STUDENT, ATTENDED THE SAME SEMINAR ON 21ST AND 22ND AUGUST 2025 AT VELLALAR COLLEGE FOR WOMEN, ERODE, GAINING ENHANCED UNDERSTANDING OF EMERGING CYBERSECURITY DIMENSIONS.**
- **PREETHI N (ROLL NO: ES24CJ25), A II/III SEMESTER STUDENT, ATTENDED THE SAME SEMINAR ON 21ST AND 22ND AUGUST 2025 AT VELLALAR COLLEGE FOR WOMEN, ERODE, GAINING AWARENESS OF SCIENTIFIC AND TECHNOLOGICAL CYBERSECURITY ASPECTS.**
- **DHARSHINI K (ROLL NO: ES24CJ08), A II/III SEMESTER STUDENT, PARTICIPATED IN THE SAME SEMINAR ON 21ST AND 22ND AUGUST 2025 AT VELLALAR COLLEGE FOR WOMEN, ERODE, ENHANCING UNDERSTANDING OF EMERGING CYBERSECURITY TECHNOLOGIES.**
- **PRIYADHARSHINI N B (ROLL NO: ES24CJ27), A II/III SEMESTER STUDENT, ATTENDED THE SAME SEMINAR ON 21ST AND 22ND AUGUST 2025 AT VELLALAR COLLEGE FOR WOMEN, ERODE, GAINING ENHANCED AWARENESS OF SCIENTIFIC AND TECHNOLOGICAL DIMENSIONS OF CYBERSECURITY.**
- **RITHIKA R (ROLL NO: ES24CJ30), A II/III SEMESTER STUDENT, ATTENDED THE SAME SEMINAR ON 21ST AND 22ND AUGUST 2025 AT VELLALAR COLLEGE FOR WOMEN, ERODE, GAINING AWARENESS OF EMERGING CYBERSECURITY TECHNOLOGIES.**

# Student's Participations

- **ABINESH T (ROLL NO: ES23CJ01), A III/V SEMESTER STUDENT, ATTENDED A TWO-DAY NATIONAL-LEVEL WORKSHOP ON "INTEGRATED FRAMEWORK FOR REAL-TIME IOT DATA ANALYTICS AND INTELLIGENT DECISION MAKING USING LIGHTWEIGHT DEEP LEARNING MODEL" ORGANIZED BY THE DEPARTMENT OF AI & DS, ERODE SENGUNTHAR ENGINEERING COLLEGE, ERODE ON 17TH AND 18TH SEPTEMBER 2025 AND STRENGTHENED KNOWLEDGE AND SKILLS IN REAL-TIME IOT DATA ANALYTICS AND INTELLIGENT DECISION-MAKING USING LIGHTWEIGHT DEEP LEARNING MODELS.**
- **BALAKUMARAN E (ROLL NO: ES23CJ08), A III/V SEMESTER STUDENT, ATTENDED THE SAME WORKSHOP ON 17TH AND 18TH SEPTEMBER 2025 AND STRENGTHENED SKILLS IN REAL-TIME IOT DATA ANALYTICS AND INTELLIGENT DECISION-MAKING USING LIGHTWEIGHT DEEP LEARNING MODELS.**
- **KAVINKUMAR K (ROLL NO: ES23CJ20), A III/V SEMESTER STUDENT, PARTICIPATED IN THE SAME WORKSHOP ON 17TH AND 18TH SEPTEMBER 2025 AND ENHANCED KNOWLEDGE IN REAL-TIME IOT DATA ANALYTICS AND INTELLIGENT DECISION-MAKING USING LIGHTWEIGHT DEEP LEARNING MODELS.**
- **PRITHIVIRAJ R (ROLL NO: ES23CJ35), A III/V SEMESTER STUDENT, ATTENDED THE SAME WORKSHOP ON 17TH AND 18TH SEPTEMBER 2025 AND STRENGTHENED SKILLS IN REAL-TIME IOT DATA ANALYTICS AND INTELLIGENT DECISION-MAKING USING LIGHTWEIGHT DEEP LEARNING MODELS.**
- **SELVA YOGESHWARAN V (ROLL NO: ES23CJ44), A III/V SEMESTER STUDENT, PARTICIPATED IN THE SAME WORKSHOP ON 17TH AND 18TH SEPTEMBER 2025 AND ENHANCED KNOWLEDGE IN REAL-TIME IOT DATA ANALYTICS AND INTELLIGENT DECISION-MAKING USING LIGHTWEIGHT DEEP LEARNING MODELS.**
- **THULASIRAMAN S (ROLL NO: ES23CJ49), A III/V SEMESTER STUDENT, ATTENDED THE SAME WORKSHOP ON 17TH AND 18TH SEPTEMBER 2025 AND STRENGTHENED SKILLS IN REAL-TIME IOT DATA ANALYTICS AND INTELLIGENT DECISION-MAKING USING LIGHTWEIGHT DEEP LEARNING MODELS.**