



HINDUSTHAN INSTITUTE OF TECHNOLOGY

(An Autonomous Institution, Approved by AICTE, New Delhi,
Affiliated to Anna University, Chennai, Accredited with "A" Grade by NAAC)
Valley Campus, Pollachi Main Road, Coimbatore 641 032.



**DEPARTMENT
OF
COMPUTER SCIENCE
AND ENGINEERING**

WINDOWZ 2023-2024

Managing Trustee

Smt. T.R.K. Sarasuwathi

Secretary

Dr. K.Priya

Principal

Dr. C.Natarajan

Chief Editor

Dr. A.Jameer Basha

Head of the Department / CSE

Co-Editors

Dr.R.T.Subhalakshmi

Ms.M.Banupriya

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FELICITATION



**Managing Trustee
Smt. T.R.K. Sarasuwathi**

Message from Managing Trustee

It brings me immense pride to witness the progress and achievements of the Department of Computer Science And Engineering, as showcased in this magazine. This publication is not just a collection of departmental events, it is a reflection of the ideas, aspirations, and determination that define our students and faculty.

In today's fast-changing world, education must go beyond the classroom. It must ignite curiosity, nurture ethical values, and empower learners to solve real-world problems. I am proud to see the Department of CSE embracing this broader vision by encouraging innovation, collaboration, and social responsibility.

My heartfelt congratulations to everyone involved in bringing out this magazine. May it serve as both a record of accomplishments and a source of inspiration for many more to come.



**Secretary
Dr. K.Priya**

Message from secretary

I am delighted to see the publication of the CSE magazine, which beautifully presents the energy, creativity, and commitment of the students and faculty.

Each article, achievement, and event featured in these pages tells a story of effort, learning, and personal growth. This magazine reflects how actively the department engages students not just in academics, but in holistic development.

I encourage all students to make use of every opportunity offered by the department. Learn with purpose, participate with passion, and strive for excellence in all that you do. I sincerely appreciate the editorial team and faculty members who guided this publication. Keep inspiring, keep evolving.



Principal
Dr. C.Natarajan

Message from principal

I extend my congratulations to the Department of CSE on the successful release of this magazine, which stands as a testimony to the department's commitment to quality education, research, and student development.

The contents of this magazine reveal the depth of knowledge, creativity, and discipline cultivated within the department.

From technical projects and academic achievements to student-led initiatives, the department continues to set high standards in all spheres.

I commend the faculty for their leadership and guidance, and the students for their enthusiasm and participation. The editorial team deserves special appreciation for capturing the department's journey in such an engaging and meaningful manner. I look forward to witnessing many more accomplishments from the Department of Computer Science And Engineering in the years ahead.



Head of the Department / CSE

Dr. A.Jameer Basha

Message from Head of the Department,

It is with great pleasure that I present this edition of the Department of Computer Science And Engineering magazine, a reflection of the academic spirit, innovation, and collective efforts that define our department.

This magazine captures the essence of these efforts. It highlights the talent, creativity, and resilience of our students, and the unwavering support and mentorship provided by the faculty. Each article, project, and achievement featured here stands as a testimony to our shared commitment to excellence.

I take this opportunity to thank every contributor and the editorial team for their dedication. I also express my sincere gratitude to the management and leadership for their continued support and encouragement.

Let this magazine serve as both a celebration of the present and a motivation for the future.

Together, let us continue striving towardh academic excellence and innovation.

About the department

Department of Computer Science and Engineering has started in the year of 2007. It is established with the vision to provide high-quality education and promote cutting-edge research. The department offers a comprehensive curriculum that blends theoretical foundations with practical applications in computing. The department has well equipped laboratories that provide students with hands-on experience and practical exposure. Department of CSE has been recognized as the Research Centre from the Centre for Research, Anna University.



STAFF NAME LIST - UG

Professor

Dr.Jameer Basha A
Dr.Uma S
Dr.Senthil Singh.C
Dr.Chitra.M
Dr.Mahesh Kumar N.B
Dr.Thangamani.A

Assistant Professor

Dr.Subhalaskhmi.R.T
Dr.Senthil Kumar R
Mr.Babu Thirumangaialwar.E
Mrs.Kalaiselvi.T
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Ms.Uma Maheswari.P
Mrs.V.Priyanka
Mr.Sathishkumar.S
Mrs.Rathika Prabhu
Mr.Periyasamy.P.N
Mr.Uthayakumar.J
Mr.Senthilkumar.R

Associate Professor

Dr.Jayasutha.D
Dr.Ramasamy S

VISION

To nurture competent Computer Science Engineers who possess the ability to contribute to global projects and collaborations with an emphasis on fostering innovation, research, and development through the pursuit of academic excellence and high standards of teaching and research focusing on ethical conduct and social responsibility, integrating sustainability principles and instill a passion lifelong learning.

MISSION

MD1: To deliver Academic Excellence through the implementation of outcome-based education, extensive research, and the adoption of innovative practices.

MD2: To provide best practical experience through Interdisciplinary Approach, Industrial Collaborations and State-of-the-Art Facilities

MD3: To produce socially responsible engineering graduates by providing them with value-based education and fostering their continuous professional development.

Programme Educational Objective

PEO1: Graduates will demonstrate proficiency in core computer science concepts, theories, and principles to analyze, design, and develop innovative solutions to complex engineering problems to succeed in diverse computing industry sectors adapting to emerging technological trends.

PEO2: Graduates will uphold high ethical standards and demonstrate social responsibility in their engineering practice, function effectively in multidisciplinary teams to collaborate and achieve common goals and engage in continuous learning and professional development.

PEO3: Graduates will exhibit an entrepreneurial mindset, actively pursuing opportunities to develop innovative computer science solutions, services, and products as well as effectively lead and manage projects in the field.

Programme Specific Outcomes

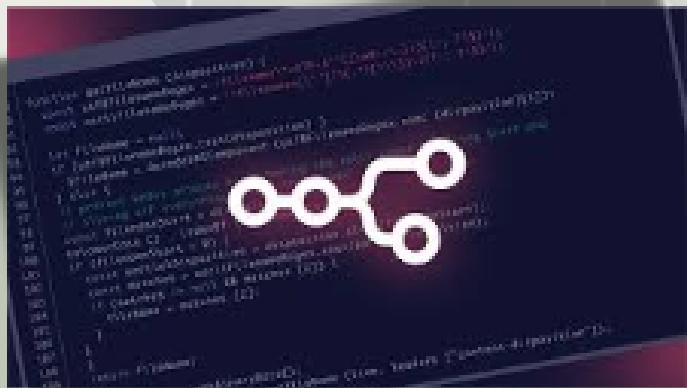
PSO1: Ability to apply programming skills in various languages and implement algorithms and data structures to solve computational challenges.

PSO2: Ability to design, develop, test, and integrate software and hardware components to construct effective and efficient computer-based systems.



Rise of Generative AI

The academic year 2023–2024 witnessed the rapid rise of Generative AI, which changed the way people interacted with technology. Tools like ChatGPT by OpenAI, Google Gemini, and Anthropic's Claude became household names, making advanced AI accessible to the public. These models could generate human-like text, write essays, debug code, summarize books, and even create poetry or emails—redefining productivity across fields. For students in CSE and Data Science, this technology was more than just fascinating—it became part of everyday learning. Assignments, idea generation, and even coding tasks were accelerated using AI tools. ChatGPT became a study companion, helping break down complex topics into simpler language. Industries too started integrating Generative AI into workflows—automating customer service, generating content, and building smarter digital assistants. Companies began hiring for “prompt engineers”, a new job role focused on optimizing AI responses. But it wasn't all positive—there were ethical concerns about plagiarism, misinformation, and bias. This led to the introduction of Responsible AI guidelines in many institutions. Still, the power of Generative AI to transform education, creativity, and engineering is undeniable. It marked a major milestone in making AI not just a tool—but a thinking collaborator.



AI-Powered Coding Assistants

One of the biggest revolutions in software development during 2023–2024 was the widespread use of AI-powered coding assistants. Tools like GitHub Copilot, Amazon CodeWhisperer, and Replit Ghostwriter made coding smarter, faster, and more accessible—even for beginners.

These assistants worked like intelligent autocomplete tools. Based on a few words or lines of code, they could suggest entire functions, optimize loops, or even flag bugs in real-time. For students learning Java, Python, or web development, these tools acted like on-demand tutors—available 24/7.

In the professional world, developers saw an average increase in productivity, with many reporting that repetitive tasks were reduced significantly. The ability to generate code snippets from natural language meant that even non-technical users could begin experimenting with basic logic or automation.

However, colleges and tech communities also raised concerns about over-reliance on these tools. There was a push to balance AI-assisted learning with foundational understanding. Students were encouraged to treat these tools as assistants—not replacements—for logic-building and problem-solving skills.

As AI coding assistants matured, they started integrating with IDEs, version control platforms, and testing frameworks. For CSE students, it became clear that knowing how to code is important—but knowing how to work with AI while coding is the future.



Data Democratization with No-Code/Low-Code Tools

A significant highlight of 2023–2024 was the rise of no-code and low-code platforms in the data science space. Tools like Power BI, Google AutoML, Tableau, and KNIME enabled students and professionals—even those without strong programming backgrounds—to analyze data, visualize insights, and even build machine learning models.

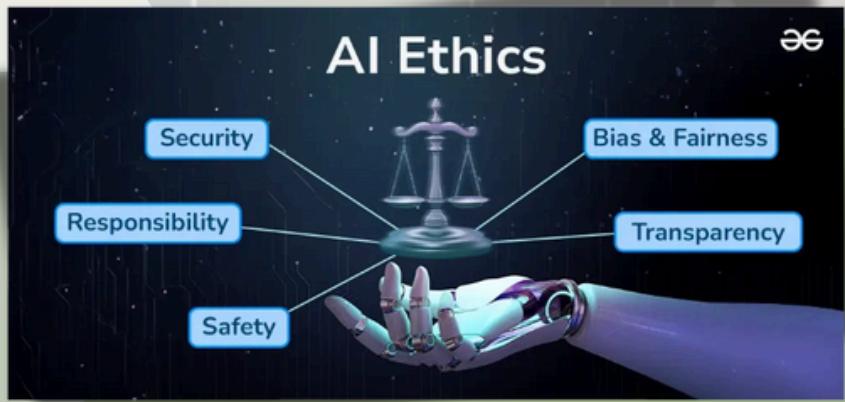
This trend is called “Data Democratization”, meaning the power to work with data is no longer restricted to data scientists or coders.

With user-friendly drag-and-drop interfaces, templates, and real-time dashboards, more people—including management students, biology researchers, and even school teachers—began making data-driven decisions.

In academic institutions, workshops and elective courses on platforms like Tableau and Power Apps saw high demand. Students from diverse departments joined hands with AI/DS teams for interdisciplinary projects, where the focus was on insight, not syntax.

These tools also encouraged rapid prototyping—students could create working data apps or dashboards in hours instead of weeks. Startups and small businesses used these platforms to automate reports or predict trends, even with minimal technical staff.

Overall, no-code/low-code tools lowered the entry barrier to AI and analytics, making the field more inclusive, collaborative, and practical.



Industry Demand for AI Ethics and Responsible AI

As AI became more powerful and widespread in 2023–2024, so did the concerns surrounding its use. From bias in algorithms to privacy concerns, the tech world realized that building AI responsibly was no longer optional—it was essential.

In response, companies and colleges started introducing frameworks and guidelines for Responsible AI. This included topics like fairness, explainability, accountability, and transparency (FEAT). Students were encouraged to explore not just what AI could do—but what it should do.

Courses and seminars on AI Ethics gained momentum. Students learned about real-world issues: how facial recognition can discriminate, how biased training data leads to unfair outcomes, and how automated decisions affect people's lives—from loans to job applications.

Tech giants like Microsoft, Google, and IBM introduced AI ethics toolkits that included bias detection, fairness testing, and model auditing. These tools slowly made their way into university labs and projects.

For AI & Data Science students, this was a call to become socially responsible engineers. The future belongs to those who can combine technical knowledge with ethical thinking, ensuring that AI remains a force for good in society.

FDP/STTP Organized by the Department

17.07.2023
to
21.07.2023

FDP on Outcome Based Education (OBE) and Enhancing Quality of Teaching Learning Process (5 Days)

Name of the Speaker & Designation and Organization

Dr.Karunakaran.K

Professor and Chief Executive Officer
Hindusthan Educational Institutions
Coimbatore.

Dr.V.Evelyn Brindha

Professor
Department of EEE
Karunya Institute of Technology and Sciences
Coimbatore.

Dr. Gowri sankar.C

Professor and Head
Department of ECE
K.S.R College of Engineering
Tiruchengode.

Dr.Sethuraman. M.G

Professor
Department of Chemistry
The Gandhigram Rural Institute – Deemed
University.
Dindugal.

Mr.Lourdusamy.A

Head & Associate Professor
Department of Mathematics
St.Xavier's College
Palayamkottai, Tamilnadu



19.02.2024

to

23.02.2024

FDP on Microsoft Azure AI Engineer Associate

Name of the Speaker & Designation and Organization

Ms.Abitha P

Freelancer Technical Trainer
ICT Academy
Tamilnadu



List of events/programs organized

- Seminar on “Green Computing and Sustainable IT” 23.06.2023
- Seminar on “Methodologies to Attain Higher Ranking and Research Activities” 15.07.2023
- Hands on Workshop “Virtual Lab – An Learner Perspective” 21.08.2023
- Internal Smart India Hackathon 2023 12.09.2023
- Motivational Session by Successful Innovators. 11.10.2023
- Exposure and Field Visit for Problem Identification 13.10.2023
- Workshop on “Cyber Security” 19.10.2023
- Data Science and Big Data Analytics under Capgemini women Transformation Program 07.11.2023
- Workshop on “Entrepreneurship and Innovation” as career opportunity 08.11.2023
- National Educational Day 11.11.2023
- Webinar on " Become a Shift Left Engineer with DevOps 13.12.2023
- Workshop on Design Thinking, Critical thinking and Innovation design 15.12.2023
- Workshop on Data Analytics and Visualization Tools 09.01.2024
- Yuva Launch and Interaction with Young Brains 20.02.2024
- Seminar on “Blockchain Beyond Cryptocurrencies” 06.03.2024
- Workshop on Business Model Canvas (BMC) 14.03.2024
- Workshop on Innovation and Entrepreneurship outreach program 15.03.2024
- Project Expo 27.03.2024
- Skillathon 25.04.2024
- Spartanz2K24 16.04.2024



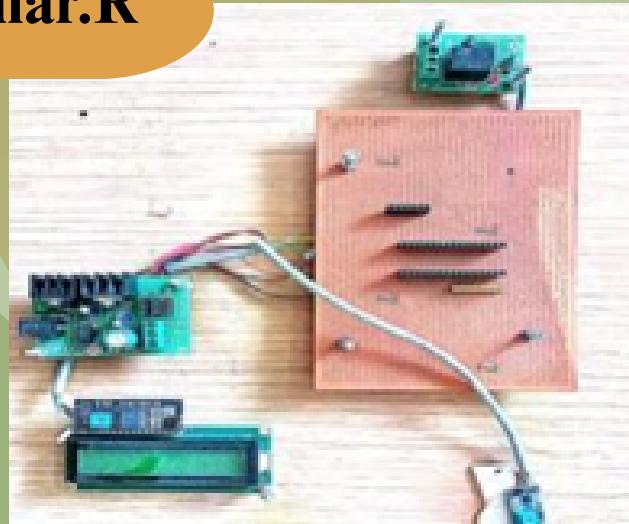
Sponsored Research Project

S.No	Name of Faculty	Project title	Name of the Funding Agency	Duration of the project	Amount (Lacs)
1	Dr.Natarajan.C Dr.Jameer Basha.A	AICTE IDEA LAB	AICTE	5 Years	30,00,000
2	Dr.Jameer Basha.A Dr.Subhalakshmi.R.T	TN Startup Pre-Incubation Centre	TN Startup	2 Years	7,50,000

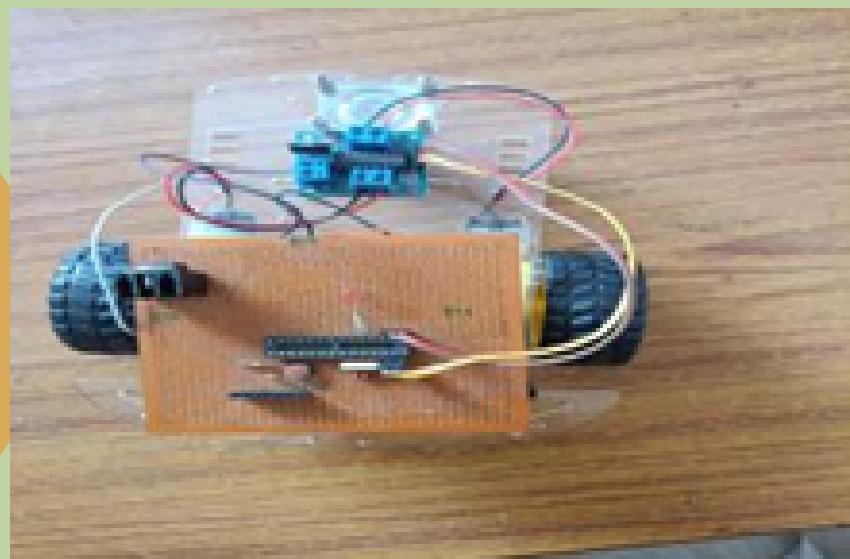


Working Models / Prototype Developed by the Faculty

Dr.SenthilKumar.R

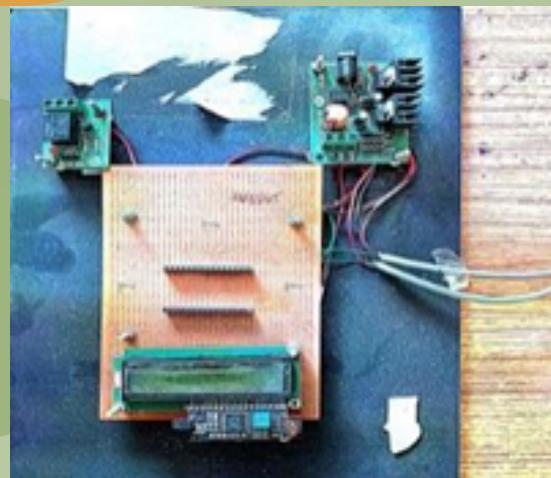


Rain Detection System



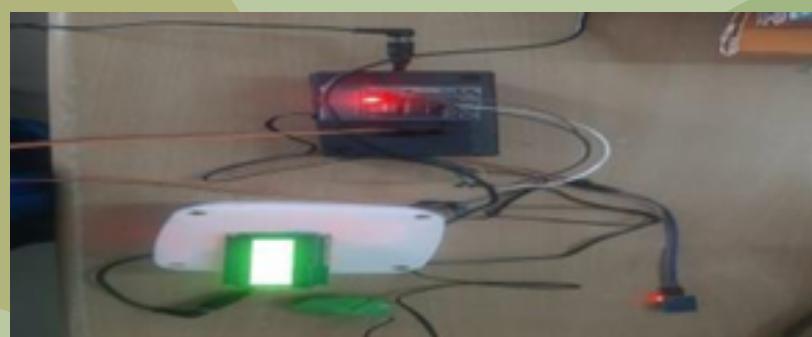
Path Finding Robot

Dr.MaheshKumar.N.B



**Soil Quality Testing
using IoT**

Dr.Jayasutha.D



**Monitoring the Progress of
Labour from Remote area using
Medical IoT**

Faculty Certification of MOOCs through SWAYAM



Dr.Ramasamy.S

- Introduction to Industry 4.0 and Industrial Internet of Things(IIT-Kharagpur)
- Research Methodology(IIT-Madras)
- Cloud Computing(IIT-Kharagpur)



Faculty Certification of MOOCs through SWAYAM



Dr.Senthilkumar.R

- Introduction of Internet of Things(IIT-Kharagpur)
- Introduction to Industry 4.0 and Industrial Internet of Things(IIT-Kharagpur)
- Business Analytics and Data Mining Modeling using R(IIT-Roorkee)



Faculty Certification of MOOCs through SWAYAM



Mrs. Nishanandhini.A

- Python for Data Science(IIT-Madras)



Dr. Mahesh Kumar N.B

- Accreditation and Outcome Based Learning
- Introduction to Industry 4.0 and Industrial Internet of Things



Faculty Certification of MOOCs through SWAYAM



Mrs.Rathika Prabhu

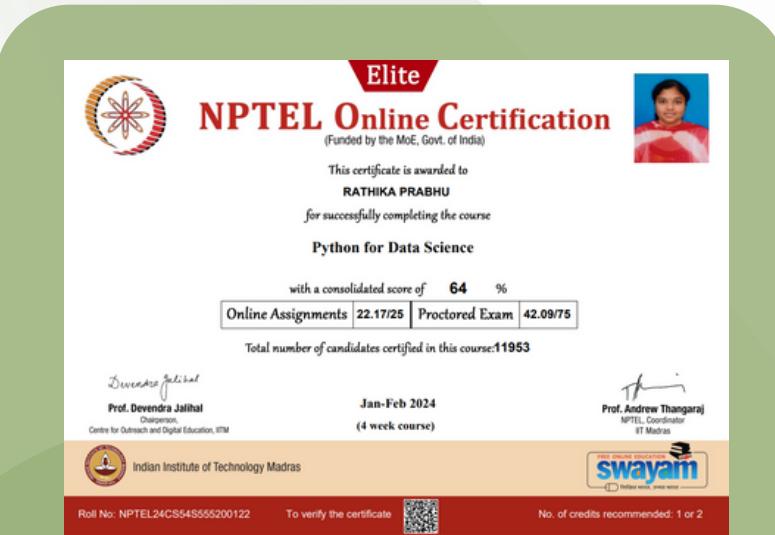
- Python for Data Science(IIT-Madras)



Mr. Uthayakumar.J

- Getting Started with MongoDB atlas

MongoDB(Online Mode)



Faculty Certification of MOOCs through SWAYAM



Jeevitha.P

- Deep Learning (IIT Ropar)
- Introduction to Machine Learning (IIT Madras)

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
JEEVITHA P
for successfully completing the course
Deep Learning

with a consolidated score of **57 %**
Online Assignments **16.94/25** | Proctored Exam **40.5/75**

Total number of candidates certified in this course: **1796**

Devendra Jalihal
Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM
Jan-Apr 2024
(12 week course)
Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

Roll No: NPTEL24CS59S1153800018 To verify the certificate No. of credits recommended: 3 or 4

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
JEEVITHA P
for successfully completing the course
Introduction to Machine Learning

with a consolidated score of **71 %**
Online Assignments **19.5/25** | Proctored Exam **51.28/75**

Total number of candidates certified in this course: **4541**

Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM
Jul-Oct 2024
(12 week course)
M. Vignesh
Prof. Vignesh Mathuravijayan
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

Roll No: NPTEL24CS101S652403169 To verify the certificate No. of credits recommended: 3 or 4



Mrs.Pavithra.K.S

- Deep Learning (IIT Ropar)
- Introduction to Machine Learning (IIT Madras)

NPTEL-AICTE Faculty Development Programme
(Funded by the MoE, Govt. of India)

This certificate is awarded to
PAVITHRAKS
for successfully completing the course
Introduction to Internet of Things

with a consolidated score of **76 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras
Duration of NPTEL course : 12 Weeks

Roll No: NPTEL24CS355553802795
The candidate has studied the above course through MOOCs mode, has submitted online assignments, and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 16th Nov, 2023, similar to other refresher / orientation courses.
F.No. AICTE / RIFD / FDP through MOOCs / 2023

Faculty as Resource Persons or Participants in STTPs/FDPs

Dr.Jameer Basha. A

Emerging Technologies
for NextGeneration
Networks

Organized by

United Institute of Technology

18.07.2023 Coimbatore.

Preparation of IQAC
and SSR for NAAC

Organized by

United Institute of Technology

18.07.2023 Coimbatore.

Dr.Ramasamy. S

Security Threats
and Vulnerabilities

Organized by

Surya Engineering College

25.08.2023 Erode.

Mr.Murugan.M

FDP on Artificial Intelligence (AI)
Enabled Internet of Things (IoT)

Organized by

RVS Technical Campus

28.05.2024 Coimbatore.

Faculty as Resource Persons or Participants in STTPs/FDPs

Dr. Senthil Kumar.R

One Day workshop on
Recent trends in AI / ML

Seminar on Artificial
Intelligence

Organized by

Sengunthar Engineering College

10.07.2023 Perundurai.

Organized by

Government Arts and Science
for Women

11.10.2023 Coimbatore.

Dr.Thangamani.T

Hands on Session to Unleash the
Power of Data Exploration

Organized by

M.A.M College of Engineering
and Technology.

06.11.2023 Trichy.

Mr.Tamizharasu.T

Security and Privacy Issues in
Wireless Networks

Organized by

Sri Sai Ranganathar Institute of
Technology

22.02.2024 Coimbatore.

Faculty as Resource Persons or Participants in STTPs/FDPs

Dr.Subhalaskhmi. R.T

FDP on Blockchain
Technologies and
its Applications

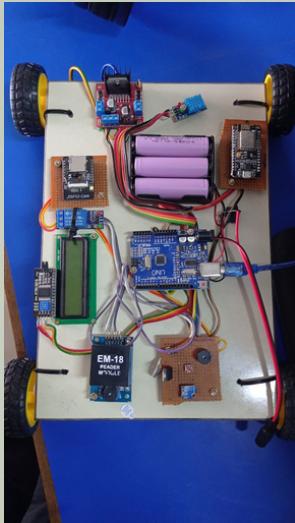
Organized by
Adithya Institute of Technology
13.09.2023 Coimbatore.

Institution SeedMoney

Internal research grant from the institution



Monitoring the Progress of Labour from Remote area using Medical IoT



**Investigate the
Role of HumanoidRobots in Augmenting Patient Well Being**

List of faculty members received seed money

S.No	Faculty name	Project title	Duration	Amount (Lacs)
1	Dr.Jayasutha.D	Monitoring the Progress of Labour from Remote area using Medical IoT	One year	1,90,000
2	Dr.Senthilkumar .R	Robotic Companies in Healthcare: Investigate the Role of HumanoidRobots in Augmenting Patient Well Being	One year	1,75,000

Faculty Internship/Industry Collaboration Highlight



**MRS. C.E. RAJAPRABHA –
INDUSTRY COLLABORATION WITH
IBM**

- Program Attended: IBM SkillsBuild – In-Person Faculty Buildathon on Cloud Application
- Organized By: IBM
- Mode: Online
- Duration: 23rd August 2023 to 27th August 2023

Key Outcomes:

1. Gained hands-on experience with IBM Cloud and Red Hat OpenShift platforms.
2. Strengthened personal and institutional credibility in Cloud Computing and DevOps domains.

This collaboration reflects our faculty's continuous commitment to upskilling and staying updated with industry trends, which in turn enhances the academic ecosystem for our students.

Consultancy Work

List of consultancy projects received from external agencies.

S.No	Name of PI & Co-PI	Project title	Name of the Fund ing Agency	Duration of the project	Amount (Lacs)
1.	Dr.JameerBasha.A Dr.Senthilkumar.R	CRM / ERP Development	Metalica Motors, Pollachi Road, Achampatti Coimbatore	1 year	1,45,000
2	Dr.Senthilkumar.R Dr.Ramasamy.S	Automated Resume Screening System	Initz Technologies Coimbatore	1 year	1,60,000
3	Mr.Murugan.K Mr.Devendran.M	Real Time Food Tracker	Clarozon Technologies	1 year	1,35,000
4	Dr.Jayasudha.D Mr.Uthayakumar.J	IoT-based Smart Home Automation System	Quantanics TechServ Madurai	1 year	1,40,000
5	Dr.Chitra.M Mr.Arun.R	Chat-bot System for Customer Support	Little Genius Technologies	1 year	1,50,000
6	Dr.Subhalakshmi.R.T Mrs.Jeevitha.P	AI-Based Real-Time Voice Assistant	Webnest Technologies	1 year	1,55,000
7	Dr.Maheshkumar.N.B Mr.Murugan.K	AI-Based Video Surveillance System	Visaithalam Solutions	1 year	1,60,000

Faculty Patent Details

Dr.MaheshKumar.N.B

Title	Application No	Date of Filing	Status
IoT And Artificial Intelligence Based Detection And Prevention Of Plant Disease With Smart Drip Irrigation System Using Block Chain Technology And Deep Learning	202441017814	12.03.2024	Published
Robot For Determining Crop Yield	413621-001	15.04.2024	Design Granted
IoT and AI based smart home automation using Wi-Fi through Android apps from smart phone	202321047600	14.07.2023	Published
Device to predict cardiovascular attack	397144-001	09.10.2023	Design Granted
Wearable ECG monitoring Device	399703-001	10.11.2023	Design Granted
Detection and classification of eye cancer using DL techniques	202341062322	15.09.2023	Published
AI based safe health care system for fertility preservation for young woman with breast cancer using cloud and ML algorithms	202311064995	27.09.2023	Published
AI and computer vision based detection and prevention of brain disorder disease and tumor at early stage and to provide efficient treatment using data mining and DL algorithm for smart health care management	202341090160	30.12.2023	Published

Faculty Patent Details

Dr.Ramasamy.S

Title	Application No	Date of Filing	Status
Logistic Tracking Device	405790-001	26.01.2024	Design Granted
Advancing Pedagogy Through Information And Communication Technology (ICT): The Potential Of Mentoring And Mirrored Practice	202441035264	10.05.2024	Published
A Cloud-Based Platform for Crop Recommendation for Precision Farming	202341036565	01.09.2023	Published
Smart IOT Based System Integrated with Artificial Intelligence Frame Work for Prediction of Air and Water pollution	202241065330	25.11.2023	Published

Mr.Periyasamy.P.N.

Title	Application No	Date of Filing	Status
AI and ML: A model for enhancing faculty performance reliability	202441035195	03.05.2024	Published
Smart Healthcare Environment using IOT and Machine Learning for Predictive Maintenance and Infection Control	202341068088	20.10.2023	Published

Faculty Patent Details

Dr.Thangamani.M

Title	Application No	Date of Filing	Status
Intelligent chatbot for the banking sector using machine learning	202441000426	03.01.2024	Published
IoT and ML based weather monitoring and prediction system	202441028598	08.04.2024	Published
Implementing CNN algorithm for recognize the face in attendance	202441028580	08.04.2024	Published
Smart Reheb: A Gamified Approach with ML for effective recovery using XGBOOST Gradient	202441030795	17.04.2024	Published
AI enhanced monitoring solutions for brain tumor patient	202441042007	30.05.2024	Published
COGNICARE: A DL based diagnosis model for cognitive impairment	202441039245	20.05.2024	Published
Automated Plastic Sorting System Utilizing DL Technology	202441039288	20.05.2024	Published
Automating Waste Detection and Management with DL Technologies	202441039289	20.05.2024	Published
Novel presymptomatic breast cancer detection device	397731-001	17.10.2023	Design Granted

Faculty Patent Details

Mrs.Jeevitha.P

Title	Application No	Date of Filing	Status
An Improved Real-Time Object Detection Capable Of Being Adapted In Real-Time For Use In Traffic Surveillance By Utilizing R-CNN In Place Of CNN	202441018913	14.03.2024	Published

Dr.Jayasutha.D

Title	Application No	Date of Filing	Status
Systems and Methods for detection of anomalies in civil infrastructure using context aware semantic computer vision techniques	202321049964	25.07.2023	Published

Mr.Uthayakumar.J

Title	Application No	Date of Filing	Status
Elevating Wellness Through Intelligent Nutrition: Leveraging Artificial Intelligence	202441039240	20.05.2024	Published

Department of Computer Science and Engineering

Journal Publication Details in 2023 - 24

Dr. N.B. Mahesh Kumar

- Journal: Biomedical Signal Processing and Control (Elsevier-ScienceDirect)
- Indexed in: Scopus, WoS, SCI
- Title: Lung disease detection using Self-Attention Generative Adversarial Capsule network optimized with Sun Flower Optimization Algorithm
- Details: Vol. 79, Part 2, 2023

Dr. N.B. Mahesh Kumar

- Journal: Optical and Quantum Electronics (Springer)
- Indexed in: WoS, SCI, Scopus
- Title: Enhancing low latency and high performance in clustered-based wireless sensor network routing using genetic algorithm for 5G networks
- Details: Vol. 55, Article 1048, September 2023

S. Tamizharasu

- Journal: Wireless Networks
- Indexed in: SCI
- Title: An intelligent AODV routing with energy efficient weight-based clustering algorithm (EEWCA) in wireless Ad hoc network (WANET)
- Details: Vol. 29, Issue 6, pp. 2703–2716, 2023

P. N. Periyasamy

- Journal: IJCTACT Journal on Communication Technology
- Indexed in: UGC
- Title: An Intelligent ResNets Resource Allocation Framework for 5G Networks
- Details: Vol. 14, Issue 01, 2023

Department of Computer Science and Engineering Journal Publication Details in 2023 - 24

P. N. Periyasamy

- Journal: International Journal of All Research Education and Scientific Methods (IJARESM)
- Indexed in: UGC
- Title: Analyzing and Detecting the Boundary in Medical Images and Utilizing Big Data
- Details: Vol. 11, Issue 3, 2023

Mrs. R. Gnanakumari

- Journal: Intelligent Automation & Soft Computing (Tech Science Press)
- Indexed in: Scopus, Annexure I
- Title: Generalized Jaccard Similarity Based Recurrent DNN for Virtualizing Social Network Communities
- Details: Vol. 36, Issue 3, 2023

Dr. S. Ramasamy

- Journal: International Journal of Intelligent Systems and Applications in Engineering
- Indexed in: Scopus
- Title: Deep Learning Based Brain Tumor Analysis with Manual Layer Selection
- Details: Vol. 12, Issue 7s, 2023

Student's Participations in Professional Events

List of students participated in professional events.

Harish B

Technical Quiz – Dept. of Computer Science, Sri Krishna Arts and Science College
National
04.03.2024
I Place

Harish P

Technical Quiz – Dept. of Computer Science, Sri Krishna Arts and Science College
National
04.03.2024
I Place

Sanjay V V, Sankara Narayanan V
Project Expo – Karpagam Institutions
National
22.05.2024
1st Prize

Sanjay V V, Sankara Narayanan V

Project Expo – PA College of Engineering
National
26.05.2024
3rd Prize

Mohamed Halif A

Code in Chos – IT Association, Madras Institute of Technology
National
16.03.2024 – 17.03.2024
Runner

Hariprasad R S

Code in Chos – IT Association, Madras Institute of Technology
National
16.03.2024 – 17.03.2024
Runner

THE INDIGO DOOR

THE MOVIE THEATER - UNITED STATES

October 21, Sat. Eve. 11:30 P.M.

EST. PR. 2341 \$7.00

STUDENT'S GALLERY

DEPARTMENT
OF
COMPUTER SCIENCE
AND ENGINEERING

Shree Mathi.R
CSE



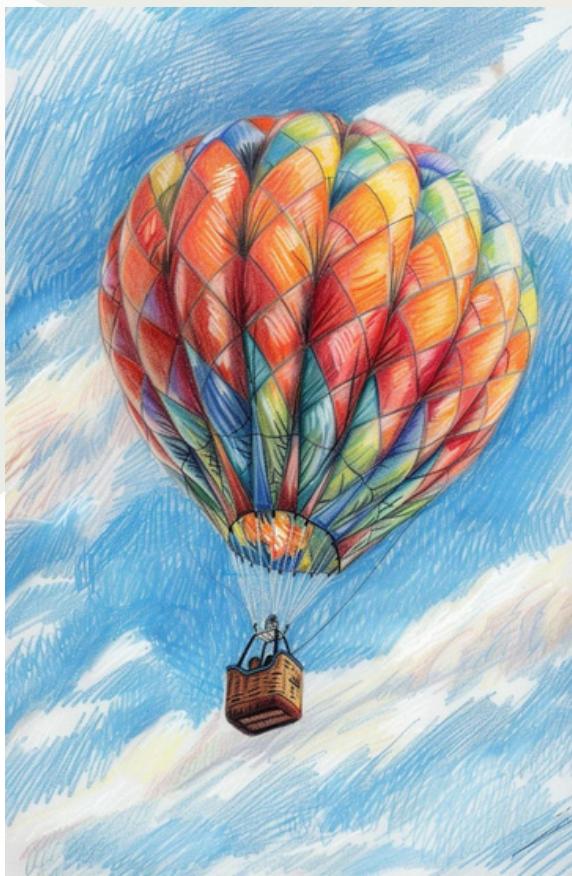
Lokesh.M
CSE



Kalaivani.C
CSE

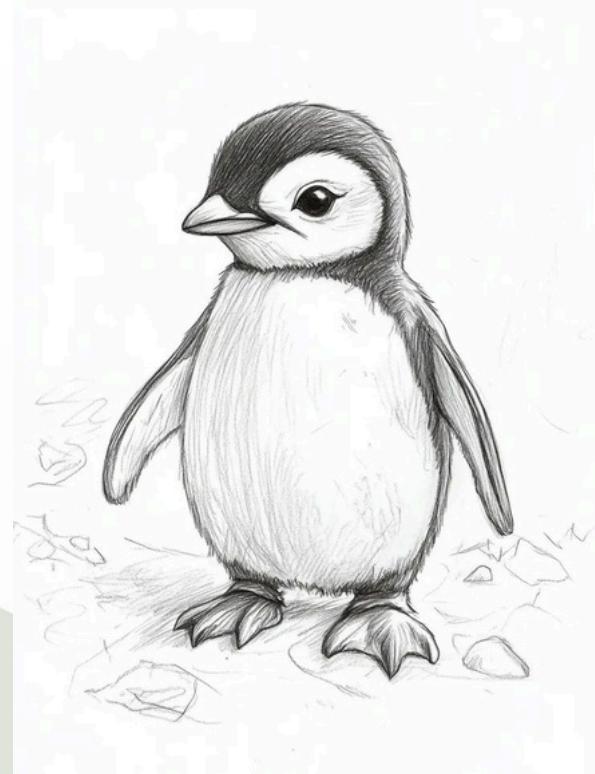
Aishwary.S
CSE

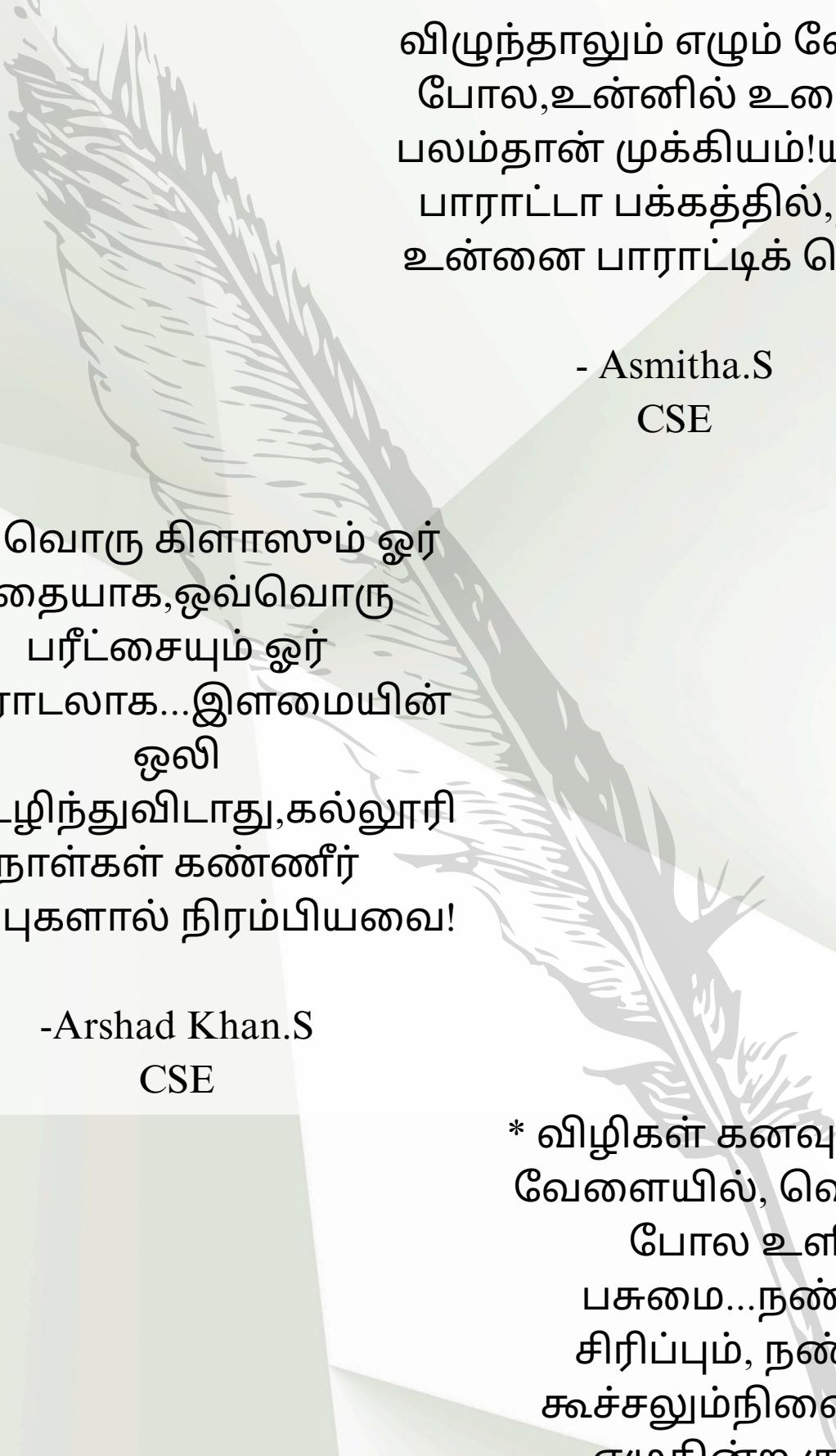




kavin.C
CSE

Chandrasekar.R
CSE





விழுந்தாலும் எழும் வேர்கள்
போல, உன்னில் உறைந்த
பலம்தான் முக்கியம்! யாரும்
பாராட்டா பக்கத்தில், நீயே
உன்னை பாராட்டிக் கொள்!

- Asmitha.S
CSE

ஓவ்வொரு கிளாஸம் ஓர்
கதையாக, ஓவ்வொரு
பரீட்சையும் ஓர்
போராடலாக... இளமையின்
ஒலி
கேட்டழிந்துவிடாது, கல்லூரி
நாள்கள் கண்ணீர்
சிரிப்புகளால் நிரம்பியவை!

-Arshad Khan.S
CSE

* விழிகள் கணவுகள் பூக்கும்
வேளையில், வெண்ணிலா
போல உளியில்
பசுமை... நண்பனின்
சிரிப்பும், நண்பியின்
சூச்சலும் நினைவுகளில்
எழுகின்ற சூரியன்!

-Prakashraj.P
CSE

தோழமையால் மலரும் பூங்காற்று
நம்மை தீண்ட, தளர்ந்த
காலங்களிலே தோனேற்றும் சக்தி
சிந்த! பசுமை நினைவுகள் பதியும்
மாணவ வாழ்க்கை, பார்வை
திரும்பும் போதும் புதிதாய்ப்
பிரகாசிக்குமே!

-Rahul.JJ
CSE

துயரம் தொலைக்கும் முயற்சி
ஓளி, தாமரையாய் மலரும்
வேரின்வெளிச்சமடி! தூண்டிலில்
பட்டாலும் மீன் விரும்புவது
போல, வெற்றிக்காக
வெந்நெந்ருப்பே நமக்கோர்
உறவாடும் சூழல்!

-Sneaga. G R
CSE

உருக்கொண்டு ஓங்கும்
உவமையாய், உலகினில் எங்கும்
ஓளிரும் முத்தமாய்! தமிழின்
நறுமணத்தால் துளிர்க்கும்
தலைமுறை, தமிழை
வாழ்த்துவோம் – காலம் கடந்தும்
நிலைத்திட!

-Kavya.s
CSE

HINDUSTHAN

INSTITUTE OF TECHNOLOGY



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