



TEKNEWS

NEWSLETTER

2023-2024

FROM THE HEAD OF DEPARTMENT

I am delighted to present the SRIT-TIMES Newsletter for the Department of Computer Science and Engineering, Academic Year 2024-2025, This half-yearly publication celebrates the continued excellence, innovation, and achievements of our faculty and students during this transformative period.

The Department of Computer Science and Engineering continues to demonstrate excellence in technical innovation, research, and student achievements. Students actively participated in technical competitions, hackathons, and research-oriented events, showcasing strong analytical and problem-solving skills.

VISION AND MISSION

NEWSLETTER HIGHLIGHTS

- FROM THE HEAD OF DEPARTMENT
- FACULTY CORNER
- STUDENT HIGHLIGHTS
- PLACEMENTS & INTERNSHIPS
- ACKNOWLEDGMENTS

VISION

The vision of the Computer Science and Engineering department is to develop in to a globally visible knowledge community, imparting technical training and research advancements with high technical competency and moral values.

MISSION

The Mission of Computer Science and Engineering department is to produce Quality Engineers, Entrepreneurs, Researchers and Technical consultants capable of demonstrating unbounded programming skills, domain knowledge and excellent moral values for the advancement of sustainable societal needs.



FACULTY CORNER

PROFESSIONAL MEMBERSHIP HIGHLIGHTS

Dr. M. Suresh Kumar

Life Member, Computer Society of India

Dr. R.M.S. Parvathi

Life Member, Biomedical Engineers Society of India

Dr. R. Nagendran

Member (ACM, CSI, ISRS)

Dr. R. Kumar

Member (ACM, IAENG, Internet Society)

Dr. Jim Mathew Philip

Member (IAENG, ISOC)

Dr. R.N. Devendra Kumar

Member (ISTE, CSI)

Dr. S. Rajesh

Member (ACM, ISOC)

Dr. M. Kalpana Devi

Member (ACM, IAENG, ISOC)

Dr. K. Saranya

Member (IAENG, ISOC)

FACULTY AS RESOURCE PERSONS

Dr. R. Kumar

Topic : Outcome-Based Education

Venue: CMS College of Engineering & Technology

Dr. R. Kumar

Topic: Web Development using Python Django

Organized by: Rasi Seeds Pvt Ltd

Ms. K.M. Kirthika

Topic: Artificial Intelligence in Biomedical Applications

Ms. N. Sanjana

Topic: Artificial Intelligence in Biomedical Applications

Dr. R. Kumar

Topic: Bootstrap for Responsive Web Design

BOOKS & CHAPTERS

Dr. M. Kalpana Devi

Operating Systems

Data Structures

Dr. R.M.S. Parvathi

Book Chapter in IT Trends (IIP Series)

MOOC & E-CONTENT CONTRIBUTORS

Dr. M. Suresh Kumar

C Programming Notes

Dr. R.M.S. Parvathi

Software Project Management

Dr. R. Kumar

YouTube Programming Content

Dr. R.N. Devendra Kumar

Course Materials (Google Sites)

Ms. S. Revathi

Video Lectures

Ms. N. Sanjana

Blockchain & Cryptography Notes

Ms. K. K. Archana

Programming Tutorials

Ms. R. Abinaya

Cloud Computing Videos

Total: 40+ faculty contributed digital content

RESEARCH & PUBLICATIONS

Dr. N. S. Kavitha & Dr. Jim Mathew Philip

MANET Routing Optimization Research

Ms. N. Sanjana

CNN-based Crop Disease Detection (IEEE Conference)

Solar Desalination Research

Dr. M. Kalpana Devi

Cognitive Radio Networks Optimization

Dr. R.M.S. Parvathi

Fog Cloud Computing (UAV Systems)

Image Retrieval Systems

Ms. S. Revathi

Machine Learning-based Lifespan Prediction Model

PATENTS

Dr. R.M.S. Parvathi

IoT Smart Mirror

Image Reconstruction using ML

AI Smart Mirror

Ms. S. Revathi

Genetically Modified Plants Research

Ms. N. Sanjana

Washroom Cleaning Robot

Floating Solar Still

FUNDED PROJECTS

Dr. R. Kumar

Course Outcome Assessment System

₹1,20,000

Ms. N. Sanjana

XR Experience Project

₹1,50,000

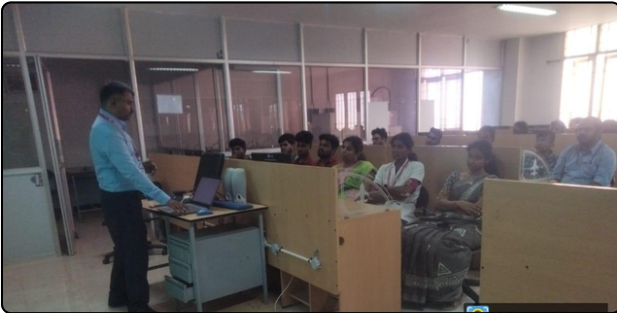
Dr. M. Kalpana Devi (Mentor)

Food Spoiler Alert Project

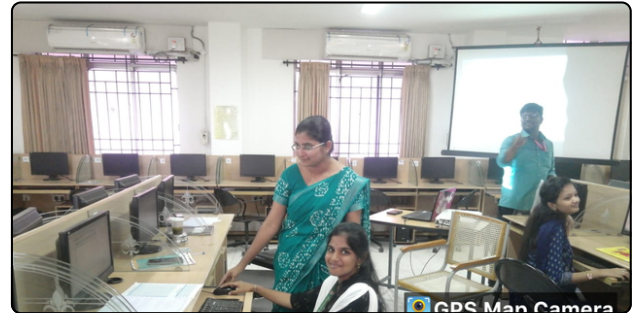
Ms. S. Revathi (Mentor)

Piezoelectric Energy Project

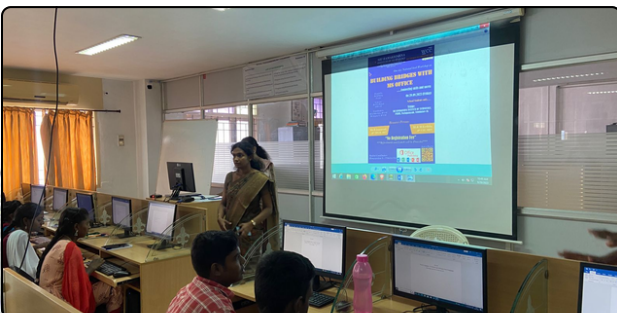
DEPARTMENT ACTIVITIES



**Demystifying Machine Learning” Insights
of Data Intelligence**



Hands on session on Scilab



**Building Bridges with Microsoft Office:
Connecting Skills and Success**



**3D Computer Animation and its
Applications**



TEJACE Inauguration



Cynosure 2024

STUDENT HIGHLIGHTS

STUDENT PARTICIPATIONS

Kiruthiga Sree S V

Training Program (Silver Tongue)

Jeesha S

AR/VR Skill Development Programme

M Kaviya, Madhuritha T

AMST 2024 Conference (PSG Tech)

Karna M

Generative AI (GUVI)

Google AI Learnathon

Katheythy Jansu Chaudary

Walmart Global Tech Simulation

ACM CEG Participation

Danish Veer Magotra

IDE Bootcamp – Banaras Hindu University

Harshavardhini, Abdul Aliu Faayiq, Dharshini C L

Salesforce Developer Bootcamp

Reem AI

IT Madras Workshop

STUDENT ACHIEVEMENTS

Hema Varshini S

3rd Prize – Tech Expo (Autism Therapy Project)

Hema Varshini S, Akshatha R, Boomika V, Deepak K

Special Prize – AI-based Automation Project

Kanthety Jansu Choudry

2nd Prize – Paper Presentation

Hariharan R & Harinesh A

1st Prize – Technovista Event

Vignesh V

2nd Prize – Paper Presentation

Kavya B

2nd Prize – Technical Fest

Madhu Sudhan Raj S

2nd Prize – Cultural Competition

INDUSTRIAL VISIT



Second year CSE Students visited Kerala Electrical and Allied Engineering co.LTD



Third year CSE Students visited iROID Technologies

PLACEMENTS & INTERNSHIPS

PLACED STUDENTS WITH HIGH PACKAGES

Ebinesh A – ₹10 LPA (GUVI)
Sivanandhan D N – ₹10 LPA (Soliton Technologies)
Dhusanthan S – ₹8.4 LPA (Zoho)
Srijith Kumar S – ₹8.4 LPA (Zoho)
and many got placed and received internship offers.

STUDENT PUBLICATIONS

Ajayrakesh U, Balachandar J P, Danish Veer Magotra – JETIR
Nithish Kumar R, Praveen Kumar Prahulayan – JETIR
Lakshmi Nirupama S, Lavanya S G – JETIR
Santhosh V, Vijaydharsan M – UGC Care Journal
and many more.

Best Paper Award

Ms. Naveena – ICRAHSE Conference



ACKNOWLEDGMENTS

The Department of Computer Science and Engineering extends its gratitude to:

- Management of SRIT for continuous support and guidance
- Principal, SRIT for encouraging academic and research excellence
- Industry Partners for providing collaboration and mentorship opportunities
- Alumni for their contributions as resource persons
- Parents for their trust and cooperation
- Students for their active participation and achievements
- Faculty Members for their dedication and research contributions

DEPARTMENTAL INFORMATION

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"Empowering Minds, Transforming Futures"

Department of Computer Science and Engineering

Sri Ramakrishna Institute of Technology