



# ODD SEM 2024-2025

## OFFICIAL NEWSLETTER

### DEPARTMENT OF INFORMATION TECHNOLOGY, KCT



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## Editorial board

Head of department - Dr S. Nithya Roopa

Faculty co-ordinator - Dr Alamelu M

**Shivaathmajan P 23BIT101**

**Ritesh Sekar A V V 22BIT048**

**Sanjay M S 21BIT205**



## Vision:

The department of Information Technology aspires to become a school of excellence in providing equality, education, constructive research and professional opportunities in Information Technology.

## Mission:

- To provide academic programs that engage, enlighten and empower the students to learn technology through practice, service and outreach
- To educate the students about social responsibilities and entrepreneurship
- To encourage research through continuous improvement in infrastructure, curriculum and faculty development in collaboration with industry and institutions.

## PEO's

PEO1: Graduates will have progressive learning and successful career in Information, Communication Technologies and their applications.

PEO2: Graduates will be leaders in their chosen field.

PEO3: Graduates will utilize the acquired technical skills and knowledge for the benefit of society..

# EVENTS ORGANISED

## WISE AI thon

"Wise-Ai-thon 24," is a collaborative event between KSI and Wisework. This empowering hackathon is designed to bring together talented students to address critical challenges related to SDG 2: Zero Hunger, SDG 3 : Good Health and Well-Being, and SDG 9: Industry, Innovation, and Infrastructure with Generative AI.

The event was convened from September 10th 2024, 10 am – September 11th , 2024, 4 pm. The event happened at Amuse Thought Lab, KCT Central Library, Admin Block (Offline Mode).

The event started with a pre-hackathon evaluation, inaugural function followed by a 30 hours offline Hackathon and concluded with a valedictory function.





## Faculty publications

The faculty members have made significant research contributions in top Scopus-indexed journals and Springer conferences. Some key publications include:

- Dr. Alamelu M – "Automatic Detection of Cyberbullying on Social Media Using ML" – IEEE ICAECA
- Dr. Alamelu M – "COVID-19 Data Analysis Using Trend Check Approaches" – Springer AI Applications
- Dr. G. Prema Arokia Mary – "Hybrid Fusion Model for Solar Radiation Prediction" – Industrial Engineering Journal
- Dr. Sathyavathi S – "A Survey on Estimation of Gender & Emotion Using Acoustic Features" – Springer ICICT
- Dr. Kavitha S – "Explainable AI for Detecting Fissures on Concrete Surfaces" – IEEE ICICT
- Dr. Kanagaraj S – "Optimized Learning for Predicting Parkinson's Disease" – Multimedia Tools and Applications
- Dr. Vanitha V – "Sign Language Detection Using Faster RCNN ResNet" – IEEE ICAECA
- Dr. Vanitha V – "AI-Based Agriculture Recommendation System for Farmers" – Springer Book Chapter
- Dr. Sathyavathi S – "Advancements in PPG Signal Processing for Cardiovascular Health" – IJNRD
- Dr. Rajathi N – "Alzheimer's Disease Classification Using Deep Learning Models" – Springer Lecture Notes

This reflects our faculty's dedication to research and innovation in emerging fields.

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## Thrust Areas

Faculty members focus on within an academic institution. These areas align with emerging trends, technological advancements, and societal needs. They help drive innovation, collaboration, and interdisciplinary studies. Common thrust areas include Artificial Intelligence, Cybersecurity, Renewable Energy, Biotechnology, and Data Science. Institutions define these areas based on faculty expertise, industry demands, and funding opportunities to foster impactful research and development.

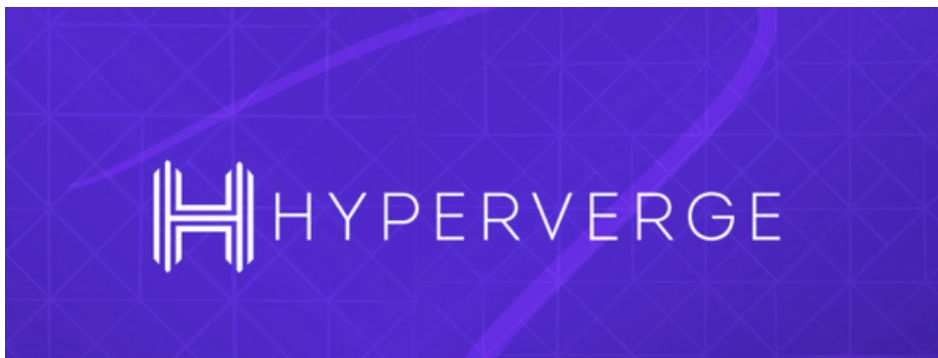
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9	Cloud Computing	K00340	Dr. S. KANAGARAJ	AP II	IT	Healthcare	kanagaraj.s.it@kct.ac.in
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11	IOT, Edge and UAV	K01000	Ms. G. SHOBANA	AP II	IT	Healthcare	Shobana.g.ise@kct.ac.in
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14	Automation and Artificial Intelligence	K01782	Mr. ABHIJITH C. PRAKASH	AP I	IT	Healthcare	abhijith.c.it@kct.ac.in



## Placements

The 2020-2024 batch has successfully secured placements in top companies with competitive salary packages. Some highlights include:

- 20BIT002 Akash Kumar M S - 12 LPA
- 20BIT006 Deepak Kumar M - 8 LPA
- 20BIT009 Dhilepkumar - 10LPA





# Internships

Students have secured internships in top companies with competitive stipends :

- Akash Kumar M S – Hyperverge (Bangalore) – ₹35,000/month (10 months)
- Deepak Kumar M – Transunion (USA) – ₹25,000/month (4 months)
- Hari Krishna Prasath S – Ford Motor Pvt. Ltd. – ₹15,000/month (7 months)
- Saaivignesh S – AppViewX – ₹28,000/month (6 months)
- Raghul Prasanna – Roche India – ₹20,000/month (6 months)
- Subhash Y – Saama Technologies – ₹25,000/month (6 months)
- Siddharth L – Guvi Geek Networks – ₹12,000/month (5 months)
- Sathana Kamala E – Wise Work (Bangalore) – ₹12,000/month (6 months)
- Suriya T – ESKO Graphics (Bangalore) – ₹25,000/month (6 months)
- Yogasri Y – Transunion (USA) – ₹25,000/month (4 months)

These internships provide valuable industry exposure, enhancing students' employability and skills.