



EVEN 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



EVENTS ORGANISED

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

INVESTITURE CEREMONY

The Investiture Ceremony for the Department Association of IT (2024-2025) was held on 31st December 2024 at CV Raman Hall. The event featured distinguished guests, including Dr. Raghuvveer (KSI Director) and Dr. Divya Vadlamudi (HOD, CSE & IT), who shared their insights on professional and academic growth. Alumni speaker Ms. Harshini Infanta inspired students with her journey. The ceremony concluded with badge distribution for office bearers, symbolizing leadership and commitment.





Placements (Batch 2021-2025)

The 2021-2025 batch has successfully secured placements in top companies with competitive salary packages. Some highlights include:

- Lakshmi Saraswathi D – Highest package of ₹17.5 LPA
- Sahana G, Soundararajan N – ₹8 LPA
- Akash A, Kapil Adhithya N, Pranesh A K, Sathvika M – ₹7 LPA
- Multiple students placed in reputed firms with an average salary of ₹5-7 LPA.



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Student Publications (2023-2024)

Students have actively contributed to research, publishing papers in IEEE, Springer, and reputed international conferences. Some notable works:

- Kavitha, S., Shalini, R., Sree, N. H., & Akash, J. (2023, June). Intelligent Segmentation and Classification for Skin Cancer Prediction. In 2023 2nd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA) (pp. 1-6). IEEE.
- S.Kavitha,B.Arul Murugavel
- B.Kamaleswaran M.Sneha "Digital Certification – Certification Credential as Non Fungible Token (NFT)," 2023 2nd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), Coimbatore, India, 2023, pp. 1-7, doi: 10.1109/ICAECA56562.2023.10199759.
- Sathyavathi S;Deksha H; Ajay Krishnan T; Santhosh M "Prediction of Gender and Emotion Using Acoustic Features," 2023 2nd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), Coimbatore, India, 2023, pp. 1-5, doi: 10.1109/ICAECA56562.2023.10200985.
- Prema Arokia Mary G; Nithesh P S; Nanthini V; Thebiksha G V, "Wild Animal Detection System," 2023 2nd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), Coimbatore, India, 2023, pp. 1-6, doi: 10.1109/ICAECA56562.2023.10199701.
- Alamelu M,Harish D; Manimaran M; Jayashakthi Vishnu P,"Automatic Detection of Cyberbullying on Social Media Using Machine Learning," 2023 2nd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), Coimbatore, India, 2023, pp. 1-6, doi: 10.1109/ICAECA56562.2023.10201149.
- V. Vanitha,Mukesh Varman D K; Kiran Shrinivaas S; Rahul Karthick A U; "Blockchain In Healthcare Data," 2023 2nd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), Coimbatore, India, 2023, pp. 1-6, doi: 10.1109/ICAECA56562.2023.10199723.
- P.Shenbagam,Asifa Y; Arunadevi A; Rajasimman K "Apple Leaf Disease Prediction using Deep Learning Models," 2023 2nd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), Coimbatore, India, 2023, pp. 1-4, doi: 10.1109/ICAECA56562.2023.10201221.



Student Achievements & Activities

1. Varsha B (22BIT067) - Participated in Combined Annual Training Camp, organized by 5TN Girls BN, NCC, at KPR Institute of Engineering and Technology, on 16-07-2024 (Battalion Level).
2. Varsha B (22BIT067) - Participated in All India Girls Trekking Camp, organized by Kerala Directorate, at JNV Kulamavu, Kerala, on 09-09-2024 (National Level).
3. Varsha B (22BIT067) - Participated in Kargil Vijay Diwas event, organized by NCC of KCT, on 26-07-2024.
4. Sneha B (22BIT060) - Winner in Choreonite Eastern Dance at Festember'23, organized by NIT, Trichy, on 07-10-2023 (National Level).
5. A V V Ritesh Sekar (22BIT048) - Core Team Member for Quiz Competition "Qurious Quest - Qubate of Kumaraguru", organized by Kumaraguru Institutions, on 18-10-2024.
6. Lithika K (22BIT031) - Organized Community Engagement event with Rotaract Club of KCT at Kumaraguru College of Technology, Coimbatore, on 15-08-2024, successfully improving student participation and team-building skills.
7. Lithika K (22BIT031) - Organized Community Service Camp "Aayul" with NSS at KCT, Coimbatore, on 06-10-2024, developing organizing and team-building skills.
8. Mohammed Aswath M (23BIT058) - 2nd Prize in Elocution Competition at Coimbatore Book Fair, on 26-07-2024.
9. Shri Dhurga SV (23BIT102) - Volunteered in Wushu competition organized by KPR College, on 26-07-2024.
10. A V V Ritesh Sekar (22BIT048) - Core Team Member for Inter College Event at Kumaraguru Institutions, Kumaraguru College of Technology, on 27-09-2024.
11. Shri Dhurga SV (23BIT102) - Bronze Medal in Wushu Sports Event organized by Khelo India South Zone Nationals at KPR Institute of Technology, on 18-01-2023.



12. Aarthy R (24MDS002) - Shortlisted in Top 10 at ERROR 404 Hackathon conducted in Online Mode, on 19-10-2024.
13. Viswajith T (21BIT063) - Runner Award in Designathon, organized by Kumaraguru College of Technology, on 19-03-2024.
14. Akash (21BIT003) - Runner Award in Designathon, organized by Kumaraguru College of Technology, on 19-03-2024.
15. Surya J (21BIT054) - Runner Award in Designathon, organized by Kumaraguru College of Technology, on 19-03-2024.
16. Gayathri (20BIT013) - First Prize in Zonal Tournaments 2023-2024 (Table Tennis), organized by United Institute of Technology, on 10-07-2023.
17. Sudaroli (21BIT053) - First Prize in Zonal Tournaments 2023-2024 (Cricket), organized by Anna University Regional Campus Coimbatore, on 13-10-2023.
18. Suriya T (20BIT043), Rahul Prasanna N (20BIT059), Pavishkumar S (20BIT202) - Solution Excellence Award in Thiran Thedal Thiruvizha - Phase 2, 3, and 4, organized by Kumaraguru College of Technology, on 15-04-2024.
19. Bharathraj M (20BIT005), Gokul S (20BIT014), Kushar Dogra (20BIT030) - Prize amount Rs. 10,000 in Niral Thiruvizha 2024, organized by TN State Government & Anna University, Chennai, on 05-01-2024.
20. Prithvirajan (20BIT042) - 2nd Place in Kho-Kho Competition, organized by Sri Ramakrishna Institute of Technology, from 15-02-2023 to 16-02-2023.



Faculty Publications (2023-2024)

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.



Internship Highlights (Batch 2020-2024)

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.