



EVEN SEM 2022-2023

OFFICIAL NEWSLETTER

DEPARTMENT OF INFORMATION TECHNOLOGY, KCT



| Catalogue | |
|------------------|----------------------|
| 1. | Guru Utsav |
| 2. | Faculty Publications |
| 3. | Student publications |
| 4. | Placements |
| | |
| | |
| | |

Editorial board

Head of department - Dr Divya Vadlamudi

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 demonstrate career progression in Information and Communication Technologies by acquiring higher qualifications or industry certifications and advancing in professional roles

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

GURU UTSAV

The event was conducted on 05.09.2024. It is a one day event where all the participants gathered together in a class including all the faculties. It was initiated by the coordinator by addressing the welcome speech and gave the summary about what were the activities going to be taken. The title "Guru Utsav" indicates that it was an event organised for the faculty where they shared their experiences and advice the students and also encourage the students to be in the correct way and achieve more in their life. Dr. Divya Vadlamudi M (HOD/IT) delivered her speech and gave more ideas for the students for their future achievements. More than 50 students and 11 faculties joined in this event.





Faculty publications

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

- Dr. Kavitha S – "Literature Survey on Semantic Segmentation", International Journal of Science & Engineering Development Research
- Dr. Alamelu M – "COVID-19 Data Analysis Using Trend Check Approaches" – Springer AI Applications

Dr. Thirumal P C – "Forest Fire Detection and Prediction – Survey," 2022 International Conference on Inventive Computation Technologies

- 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. Prema Arokia Mary G – A review on machine and deep learning classification techniques for monkey pox detection

- 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 – "A Study on Web-Based Load Testing Tools, International Journal of Scientific Research and Engineering Development" – Springer Lecture Notes

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

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Student Publications

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.
- 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.



Placements batch 2019-2023

The 2019-2023 batch has successfully secured placements in top companies with competitive salary packages. Some highlights include:

- 19BIT011 Arul Murugavel B - 11.1 LPA
- 19BIT026 Jayashakthi Vishnu P - 11.1 LPA
- 19BIT030 Ranjith M - 7LPA

