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## Department of Electronics and Communication Engineering NEWS LETTER (EVENTS) – JUNE To JULY

- Department of Electronics and Communication Engineering organized “Industrial Visit” to U.R. Rao Satellite Centre, Bangalore on 30-06-2022 for the final year students (85 students participated).
- Department of Electronics and Communication Engineering organized” Farewell function “NENAPU” for outgoing UG & PG final year students of 2021-22 batch on 05-07-2022.
- Ms. Nusrath unnissa, second year PG student (Digital Electronics) secured 1st prize for the project entitled “Enhanced Neural Network based combined classification for intrusion detection system” in “Technodea”, A National level project Exhibition & Competition held at SSIT, Tumakuru on 24th & 25th June 2022, under the guidance of Dr. Manjula yerva, assistant professor, department of ECE, SSIT.
- Ms.Deepthi. S , Mr.G Nandeesh Gouda , Ms.Muskan R Khan, Ms.Nayak Pratibha Chandrashekhar, final year UG students secured 1st prize for the project entitled “Design and implementation of speech recognition interactive system for cars” in “Technodea”, A National level project Exhibition & Competition held at SSIT, Tumakuru on 24th & 25th June 2022, under the guidance of Dr. Chandananda Murthy M V, Associate professor ,department of ECE, SSIT.
- Mr.Prabuddha G B , Mr.Vinayak Hegde , Mr.Mahalingappa D Badad , Mr.Pratham Parameshwar, final year UG students secured 2nd prize for the project entitled “IoT based health care system” in “Technodea”, A National level project Exhibition & Competition held at SSIT, Tumakuru on 24th & 25th June 2022, under the guidance of Mrs.Haripriya R, assistant professor, department of ECE, SSIT.
- Mrs.Haripriya R, assistant professor, department of ECE, presented the paper entitled “Smart waste segregation system using Convolutional Neural Networks (CNN)” at the International Conference on Smart Systems and Innovative Technologies (ICOSSIT-2022) organized by Inventive Research Organization, India held on 17-18, June 2022.
- Dr. Manjula yerva, assistant professor, department of ECE, selected for Best Paper entitled “Improved intrusion Detection Using Artificial Neural Network” under NCDDES-22 by Electrical and Electrical Engineering Association in collaboration with IE(I) powered by Energy Club.

## Editor's message

Department of ECE organized “Industrial Visit” to U.R. Rao Satellite Centre, Bangalore for final year students

Dr.Srinidhi G A, Asst Professor, Dept of MLE delivered an expert lecture on “ICT in pedagogy” for Karnataka Government Polytechnic faculties.

Dr.H.V.Jayaprakash, Asst Professor was conferred Doctor of Science degree during the 54th Annual convocation of Madurai Kamaraj University by Governor of Tamilnadu His Excellency Sri.R.N.Ravi .



Department of Electronics and Communication Engineering organized "Farewell function "NENAPU" for outgoing UG & PG final year students of 2021-22 batch on 05-07-2022.



Department of Electronics and Communication Engineering organized "Industrial Visit" to U.R. Rao Satellite Centre, Bangalore on 30-06-2022 for the final year students (85 students participated).

## Department of Medical Electronics

### Campus Placement



Ms. Avantika A S of 2017-21 batch has been placed in KPMG, Bangalore.



Mr. Bharath S of 2017-21 batch has been placed in BPL health care technologies, Bangalore.



Ms. Suman Mohan S of 2017-21 batch has been placed in Wipro GE BE healthcare, Bangalore.



All faculties were involved in an initiative towards green graduation concept introduced by SSHE, during which samplings like Amla and Neem were issued to all our 1&2nd year students

## Papers Publications For Department of Medical Electronics

- Dr. A S Raju has published a paper on "MFCC and GLCM feature for Audiovisual Speech Recognition" SAHE journal of Interdisciplinary Research.
- Dr. Srinidhi G A has been selected as Reviewer for "Asian Journal of Advanced Research and reports" with ISSN Num 2582-3248, with publons indexing.
- Dr. Srinidhi G A was one of the resource persons and delivered an expert lecture on the topic ICT in pedagogy. For Government Polytechnic faculty throughout Karnataka. It was 3 hour session of 96 participants witnessed organized by Government Polytechnic Hosadurga.

# Department Information for SSIT Newsletter – July 2022

## FACULTY ACHIEVEMENTS

Dr. Dinesha L has participated as an Evaluator in the 2nd National Level Inter College Project Competition held at DBIT TeXpo-2022 on 20th July 2022 organized by Department of Research and Development, DBIT, Kumbalagodu, Bengaluru in association with KSCST & KSTA Government of Karnataka.

Prof. Sahana L R has published a research article titled “An Enhanced Data anonymization approach for privacy preserving data publishing in cloud computing based on Genetic-Chimp optimization” by IGI Global Journal- International Journal of Information Security and Privacy, indexed by Scopus, Web of Science, ESCI. Vol.16, Issue 1, article 26, ISSN: 1930-1650|EISSN: 1930-1669|EIS-BN13:9781683180203|DOI: 10.4018/IJISP.300326

Prof. Sahana L R has published a research article titled “Optimization Based Privacy Preserving Data Publishing Model for Cloud Computing”

in International Journal of Innovative research in Science, Engineering and Technology (IJIRSET), Vol. 11, Issue 7, July 2022. DOI: 10.15680/IJIRSET.2022.1107054.

Dr. BrahmaPrakash H P has delivered a talk on “Scope of Computer Science & Engineering in IT Sector” during Student Induction Program 2022-23 organized by Department of Computer Science & Engineering at Siddaganga Polytechnic, Tumakuru on 13th July 2022.

Dr. Raviram V, Dr. BrahmaPrakash H P, Prof. Gopala T, Prof. Priyanka D, Prof. Madhumala G, Prof. Sahana L R have participated in IP Awareness Training Program under National Intellectual Property Awareness Mission (NIPAM), Government of India on 30th July 2022 held at Sri Siddhartha Dental College, Tumakuru.

Prof. Bharath T S and Dr. Channakrishnaraju have published research article titled “A Comparative

Study on Big Data Masking Techniques: A Survey” in International Journal of All Research Education and Scientific Methods [IJARESM] ISSN: 2455-6211 Vol 10, Issue 6, June 2022.

Dr. M Siddappa, Prof. Sindhu T N, Prof. Rekha H, Prof. Roopa N K have participated in Five Days Online STC on Applications of Deep Learning and Machine Learning in Emerging Areas of Engineering Science and Business organized by NIT, Warangal from 1st August to 5th August 2022.

Prof. Sowmya M N has published a research article titled “Convolutional Neighborhood based Ordered-Dither Block Truncation Coding for Ear Image Retrieval” in International Journal of Image and Graphics, ESCI indexed Q3 Journal.

Dr. Dinesha L has participated as an Evaluator for Mini Project held on 4th August 2022 at Siddaganga Institute of Technology, Tumakuru.

## Department of Civil Engineering Faculty Achievements

Mrs.ROOPA M, Assistant Professor, Department of Civil Engineering, Published two journals titled “Dynamic behaviour of geodesic dome structures for different time histories” and “ Study on partial replacement of E-Plastic as coarse aggregate” in Journal of Mines Metal & Fuels in July 2022 edition.

Mr. Pradeep A R, Assistant Professor, Department of Civil Engineering, presented paper titled “Analysis Of Infilled Steel Frames Subjected To Lateral Loading” in International Conference on Advanced Materials and Processes for Engineering Applications (ICAMP 2022) on 8th and 9th July 2022, organized by St. Martin'S Engineering College, Secundrabad, Telangana State

neering College, Secundrabad, Telangana State

Mrs.ROOPA M, Assistant Professor, Department of Civil Engineering, Selected for International best researcher award for research on “ Soil Structure Interaction Analysis of A Single Layer Latticed Geodesic Dome” from ISSN International Research Awards (IIS-TA-2022).

Mr. Guruprasad T N , Mr. Rakesh M, Mr. A R Pradeep, Mr. J V Praveen, Mrs. Roopa M, Mrs. C B supriya ,Mr. Mithun k. participated in intellectual property awareness training programme under National Intellectual Property Awareness Mission at SSAHE on July 30th 2022

## ಪಟಾ ಪ್ರಗತಿ

### ಡಾಕ್ಟರೇಟ್ ಆಫ್ ಸೈನ್ಸ್ ಪದವಿ ಪ್ರದಾನ



ತುಮಕೂರು : ನಗರದ ಶ್ರೀ ಸಿದ್ಧಾರ್ಥ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯದ ರಸಾಯನಶಾಸ್ತ್ರ ವಿಭಾಗದ ಸಹಾಯಕ ಪ್ರಾಧ್ಯಾಪಕ ಲಕ್ಷ್ಮಿನೇಟ್ ಡಾ.ಎಚ್.ವಿ.ಜಯಪ್ರಕಾಶ್ ಅವರಿಗೆ ಮಧುರೈನಲ್ಲಿ ನಡೆದ ಕಾಮರಾಜ್ ವಿಶ್ವವಿದ್ಯಾಲಯದ 54ನೇ ಘಟಿಕೋತ್ಸವದಲ್ಲಿ ತಮಿಳುನಾಡು ರಾಜ್ಯಪಾಲ ಆರ್.ಎನ್.ರವಿ ಅವರು ಜಯಪ್ರಕಾಶ್ ಅವರಿಗೆ ಡಾಕ್ಟರೇಟ್ ಆಫ್ ಸೈನ್ಸ್ ಪದವಿ ಪ್ರದಾನ ಮಾಡಿದರು.

ರಸಾಯನ ಶಾಸ್ತ್ರ ಕ್ಷೇತ್ರದಲ್ಲಿ ಹೆಚ್ಚಿನ ಅಧ್ಯಯನ ನಡೆಸಿ, ಡಾಕ್ಟರೇಟ್ ಆಫ್ ಸೈನ್ಸ್ ಈ ಪದವಿಗೆ ಭಾವಿಸಿರುವ ಡಾ.ಎಚ್. ವಿ.ಜಯಪ್ರಕಾಶ್ ಅವರನ್ನು ಕಾಲೇಜಿನ ಪ್ರಾಂಶುಪಾಲರಾದ ಡಾ.ಎಂ.ಎಚ್. ರವಿಪ್ರಕಾಶ್ ಮತ್ತು ಪ್ರಾಧ್ಯಾಪಕರು ಹಾಗೂ ಸಿಬ್ಬಂದಿ ಅಭಿನಂದಿಸಿದರು.