

NEWS LETTER



MCE, Hassan DEPT. OF E & C



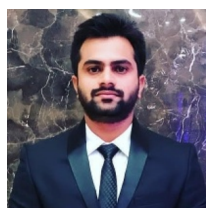
Dr. Triveni C.L has received Outstanding service award by IEEE Communications Society Bangalore Chapter on 23rd March 2024 at IISc Bangalore.



Dr. Venkateshwara Rao Kolli has received Best researcher award for the year of 2023, BHARAT SANMAN PURASKAR by Delhi Vidhan Sodha Assembly speaker Shri Ram Niwas Goel Ji organized by the Institute for social reforms and Higher education, Delhi on 23 February 2024 at conference hall, Delhi Vidhana Sabha.

Best Paper Awards

- **Manoj B.M. and Mohammed Suhail**, students of the 8th semester, received the Best Paper Award at the 3rd International Conference on Renewable Power (ICRP-2024). The conference will be held virtually on March 28–29, 2024, and is hosted by Maharaja Agrasen Institute of Technology, Nambardar Marg, Sector 22, PSP Area, Delhi.
- **Dr. Santhosh Kumar K. B., Mrs. Sushma N. & Dr. Venkateswara Rao Koli**, received the Best Paper Award at 3rd International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE-2024). The conference is scheduled for April 26–27, 2024, and will be hosted by the Ballari Institute of Technology and Management, Ballari, Karnataka.



Ph.D. Degree

Dr. Prathap P B Awarded Ph.D. Degree from DSU-Bengaluru for Research titled optimized cross domain titled Fiber Braggrating Bio-sensing Solution for Clinical Decision System

National Symposium was conducted in association with IEEE MCE ComSoc Chapter and IEEE MCE Student Chapter and SCIENCE ASSOCIATION during Feb 20th to 24th, 2024.

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Editor:

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Assistant Professor
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Two day workshop on Advanced Embedded System Design 26th to 27th July 2024

Patents

- Mrs. Sushma N, A WIDE RANGE COMPATIBLE WATER FLOW METER SYSTEM FOR MONITORING WATER WASTAGE, Application Number - 202441002638 A. Publication Date: 12/01/2024
- Dr. Santhosh Kumar K B, FPGA-POWERED TELEMEDICINE SYSTEM FOR EFFICIENT AND SECURE 5G WIRELESS TRANSMISSION OF EEG SIGNALS WITH OPTIMIZED PILOT-BASED CHANNEL ESTIMATION, Application Number - 202441005605 A. Publication Date: 12/01/2024. Publication Date: 29/01/2024.
- Dr. Prakruthi H L, Design and Development of MEMS Sensor for industrial Health Monitoring, Application Number - 202341008529.
- Dr. Yashaswini P R, Large FSR Ring Resonator in Silicon-on-Insulator with Through-to-Add Port Feedback Path, Application Number - 202331053160
- Dr. Hemanth Kumar B M and Deepika K C, Surgical Waste Collection Robot for operation Theatres, Grant No. 6362660.

Publications

- Chaparala, R., Kolli, V. R., Talabattula, S., & Tupakula, S. (2024). Integrated optic microring resonator for various sensing applications: design and analysis. Journal of Optics, 1-16.
- Babu, L., Imamvali, S., Kumar, K. S., Kolli, V. R., Talabattula, S., & Tupakula, S. (2024). Design and analysis of photonic crystal hexagonal ring resonator based 5-channel DWDM demux in C band. Journal of Optics, 1-7.
- Triveni, C. L., Tejaswini, M. R., Bahaddur, I., Kolli, V. R., & Tupakula, S. (2024). A novel approach to solve RSA problem in the spectrum sliced elastic optical networks. Journal of Optics, 1-9.
- KB, S. K., Sushma, N., & Sujatha, B. R. (2024, February). A Hardware-Efficient Secure Wireless ECG Monitoring with Lightweight Cryptography and MIMO-OFDM on Spartan FPGA. In 2024 International Conference on Integrated Circuits and Communication Systems (ICICACS) (pp. 1-6). IEEE.
- Prathap, P. B., & Saara, K. (2024). Fiber Bragg grating as a temperature sensor for human body temperature monitoring. Journal of Optics, 1-8.
- Sah, P., Kumar, D., Pura Rangegowda, Y., Srivastava, A., Kumar, B., Amphawan, A., & Bharti, G. K. (2024). Integrated optical ring resonator based comb filter in silicon-on-insulator with through-to-add port feedback path showing larger free spectral range. Journal of Nanophotonics, 18(2), 026005-026005.



MIPZO, a startup by our students Anirudh H A, Vibha J M, Pavan Malode and Monish D Naik incubated under AICTE IDEA Lab conducted an Educational Conclave for Principals or Heads of schools during 01/02/2023 and 02/02/2023.



The Department of ECE secured first place in Jamboree 2023-24.



A video competition featuring real-life stories of individuals who have been aided by MCE, •In this event every branch had participated in that department of electronics and communication has bagged first place. Participants Srujan, Yogeetha, Vismaya and Yashaswini Mohan.



Technical Talk on 'Accelerating Success: The Power of Incubators, Early stage Entrepreneurship' was organized on 26th July 2024 in ECE Seminar Hall.