

NEWS LETTER

MCE, Hassan

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Dr. P C Srikanth, Professor, was felicitated for his contributions to Science and Engineering Technology by DRDO, Bengaluru on the occasion of Kannada Rajyotsava on November 28, 2024.



Dr. Keerthi D S, has been appointed as an Execom Member of the IEEE Mysuru Subsection.

Best Paper Awards

Venkateswara Rao Kolli, Sushma N, Santhosh Kumar K. B and Indira Bahaddur, received the 'Best Paper Award' at an ICRASET - 2024 was held on 21st and 22nd of November 2024 at the BGS Institute of Technology, Mandya



The Youth Red Cross Wing of our institute is organizing a Blood Donation Camp on 27th November 2024, starting at 9:30 AM in the Alumni Hall.



Thanush M. N., a 3rd-year student of E and C student secured Second Place in the National-level INNOVATEX Competition hosted by HITAM College of Engineering, Hyderabad.



Final-year students of the 2021–2025 batch from the Department of Electronics and Communication Engineering (ECE), Malnad College of Engineering (MCE), Hassan, successfully completed an industrial visit to the Master Control Facility (MCF) on 27/12/2024 as part of their 5G elective course.



The Dean (P&D), PRO, faculty members, and 13 Electronics and Communication (E&C) students of MCE Hassan, along with students from other branches, successfully attended a two-day workshop on Advanced Manufacturing Technology, organized by AMDTC, IIT Madras, on the 23rd and 24th of December 2024.

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Students Publication

1. Shruthi R, P C Srikanth, Venkateshwara Rao Kolli, Manasa H S, Padmaja Devi G, Yashaswini P R, Design of a Two-Dimensional Photonics Crystal Based High Sensitivity Temperature Sensor
2. Raghu N., Yogesh Kumaran S., Rajeshwari D., Ganesh Srinivasa Shett, Hemanth Kumar B. M., Anil Kumar D. B. Niranjan Kannanugo, Design and Implementation of Smart Blind Stick for Obstacle Detection and Navigation System
3. Design and Implementation of Smart Blind Stick for Obstacle Detection and Navigation System, Mode Patterns,S-Parameters and Dispersion analysis of a circular waveguide
4. Harshiya,Murthi Mahadeva Naik G, Santhosh Kumar KB, Deepika KC, Sushma N, Design and Analysis of a Microstrip Patch Antenna Operating at 38GHz

Publications

- PR Yashaswini, Venkateswara Rao Kolli, L Geetha, Gautam Narayan Nirala, PC Srikanth, Enhanced Biosensing with Rhombic Ring Resonator in 2D Photonic Crystals for Proteinuria Detection, *Optik Journal*.
- Santhosh Kumar K B, Sushma N, Murthi Mahadeva Naik G Triveni C L, Indira Bahaddur and Venkateswara Rao Kolli, Multiple-Input Multiple Output-Orthogonal Frequency Division Multiplexing System using Improved Wild Horse Optimization for Channel Estimation, *International Journal of Intelligent Engineering and Systems*.
- Vijayashri V Belgaonkar, CL Triveni, R Sundaraguru, Free space optical communication using OQPSK in the presence of strong atmospheric turbulence and losses , *Optical and Quantum Electronics*.
- Triveni CL, Indira Bahadur, A Novel Approach to solve RSA problem in the spectrum sliced elastic optical networks, *Journal of Optics*.
- Rishitej Chaparala, Venkateswara Rao Kolli, Srinivas Talabattula, Sreenivasulu Tupakula, Integrated optic microring resonator for various sensing applications: design and analysis, *Journal of Optics*.
- N. Sushma, H.N. Suresh, Lakshmi J. Mohana, K.B. Santhosh Kumar, Experimental investigation on wireless integrated smart system for energy and water resource management in Indian smart cities, *Results in Engineering*, Volume 23,
- CN.Gireesh Babu,K.T Chandrashekara,Regina Mathais, Prakruthi H L, Early Detection of Cancerous Cells Using One-Dimensional Superconductor Photonic Crystal Biosensor, *worldscientific*.
- Santosh Kumar KB,Sushma N,Deepika KC, Indira Bahaddur, Murthi Mahadeva Naik, Secure and Efficient PAPR Reduction in OFDM Using PTS Based Nonlinear Variation Convergence Factor with spotted Hyena Optimization, *International Journal of Intelligent Engineering & Systems*.
- Venkateshwara Rao Kolli, Indira Banhaddur, High Q-Factor and single mode integrated optic racetrack ring resonator for the sensing applications, *Optical and Quantum Electronics*.
- BS Spoorthi, Integrating Q-Bit Generation via Quantum Computing for Enhanced AES Encryption and LSB Technique for secure Image Steganography,*Journal of Information Systems Engineering and Management*.



Dr. Keerthi D S, Assistant Professor, , served as a Session Chair at the IEEE-sponsored Fifth Edition of the Annual International Conference (VVCE), Mysuru, held on 27th and 28th June 2025.



Dr. Santhosh Kumar K B, served as a Session Chair at the 3rd International Conference on Smart Systems for Applications in Electrical Sciences (ICSSES-2025), held on March 22, 2025, at SIT, Tumakuru.



ಸಂತೋಷ್‌ಗೆ ಅತ್ಯತ್ಮಮ
ಸಂತೋಧನಾ ಪ್ರಬಂಧ ಮನ್ಯಣ
ಹಾಸನ: ನಗರದ ವ್ಯಾಪಾರದಲ್ಲಿ ಇಲ್ಲಿಯರಿಂಗ್ ಕಾರ್ಯಾಚಾರ
ಲೆಕ್ಕಾರ್ಥಿ ಮತ್ತು ಕಮ್ಯೂನಿಕೇಷನ್‌ನಲ್ಲಿಯರಿಂಗ್
ವಿಧಾನದಲ್ಲಿ ಸಮಾಜ ವಾಧ್ಯತಾಪರ್ಕರಾಗಿರುವ ಡಾ.ಕೆ.ಎ.
ಸಂತೋಷ್ ಕುಮಾರ ಅವರು,
ಮರ್ತಿಯಲ್ಲಿ ಎಂಬಿನಿಯರಿಂಗ್
ಕಾರ್ಯಾಚಾರ ಅರ್ಥಾತ್ತಪ್ರಯೋಜನ ಸುಸ್ಥಿರ
ಅಧ್ಯಯನ್‌ ಪ್ರಾರಂಭದ ಮಾಡಿ
ತತ್ವಜ್ಞನ್ ಎಂಬ ವಿವರಕ್ಕೆ
ಸಂಬಂಧಿಸಿದ ಅಂತಾರಾಷ್ಟ್ರೀಯ
ಸದ್ವಾಸ್ಥೆಯಲ್ಲಿ ಮಂಡಿಸಿದ
‘ಸಂತೋಷ್ ಕೆಲ್ಲರ್ ಇಂಗ್’ ಪ್ರಾರ್ಥ
ಮಾನ್ಯ ಅಂತಾರಾಷ್ಟ್ರೀಯ ಧರ್ಮ ಇತಿಹಾಸ ಸ್ವರೂಪ ಪ್ರಸಿದ್ಧಿಗೊಂಡಿ
ಉನ್ನತಿಯಲ್ಲಿ ಮಂಡಿಸಿದ ಅಧ್ಯೋತ್ಸಾಹ ಎ ಕಂಪನಿಯೇ ಪ್ರಸಿದ್ಧಿ
ಇನ್ ಕಿಂತ ಸೇವೆಯ ಸಂತೋಧನಾ ಪ್ರಬಂಧಕ್ಕೆ
ಅತ್ಯತ್ಮಮ ಪ್ರಬಂಧ ಎಂಬ ಮನ್ಯಣ ದೋರಿಕೆ



Empowering the future, one circuit at a time." -

Department of ECE Motto