



NEWS LETTER

Issue 17

MCE, Hassan **DEPT. OF E & C**



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.

Contact:

Dept. of E & C Engg,
Malnad College Of Engineering
PB. No. 21, Hassan Karnataka-573202, India
STD: 08172-245093 FAX: 245683
www.mcehassan.ac.in
ece@mcehassan.ac.in

Editors:

Dr. Santhosh Kumar K B
Assistant Professor
9740580160

Mr. Ankesh N
3rd Year Student
6360625520



One day workshop on "Intellectual Property Rights: Unlocking Creativity and Innovation" at Malnad College of Engineering (MCE), Hassan.

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 Bahaddur, 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 Chandrashekar,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.
- Venkateswara Rao Kolli, Indira Bahaddur, 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.



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. Nirajan 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-Parametersand 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



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 ಅತ್ಯುತ್ತಮ ಸಂಶೋಧನಾ ಪ್ರಬಂಧ ಮನ್ನಣೆ

ಹಾಸನ: ನಗರದ ಮಲೆನಾಡು ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜು ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಮತ್ತು ಕಂಪ್ಯೂಟೇಷನ್ ಎಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗದಲ್ಲಿ ಸಹಾಯಕ ಪ್ರಾಧ್ಯಾಪಕರಾಗಿರುವ ಡಾ.ಕೆ.ಬಿ. ಸಂತೋಷ್‌ಕುಮಾರ್ ಅವರು, ಮಣಿಪಾಲ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜು ಆರೋಪಿಸಿದ್ದ 'ಸುಸ್ಥಿರ ಅಭಿವೃದ್ಧಿಗೆ ಪೂರಕವಾದ ಮಾಹಿತಿ ತಂತ್ರಜ್ಞಾನ' ಎಂಬ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದ ಅಂತಾರಾಷ್ಟ್ರೀಯ ಸಮಾವೇಶದಲ್ಲಿ ಮಂಡಿಸಿದ 'ಬಿಬಿಎಲ್‌ಡಿ ಡಿಜೈನಿಂಗ್ ಪರ್ಫಾರ್ಮೆನ್ಸ್ ಅನಾಲಿಸಿಸ್ ಫಾರ್ ಇಂಜಿನಿಯರಿಂಗ್ ವೈಸಿಂಗ್ ಇನ್‌ಟೆಲಿಜೆಂಟ್ ಅಪ್ಲಿಕೇಷನ್ಸ್' ಎ ಕಂಪ್ಯೂರೇಟಿವ್ ಸ್ಟಡಿ ಇನ್ ಸಿಬಿ ಸಿಸ್ಟಮ್ಸ್ ಸಂಶೋಧನಾ ಪ್ರಬಂಧಕ್ಕೆ ಅತ್ಯುತ್ತಮ ಪ್ರಬಂಧ ಎಂಬ ಮನ್ನಣೆ ದೊರೆತಿದೆ.



ಸಂತೋಷ್

Empowering the future, one circuit at a time." – Department of ECE Motto