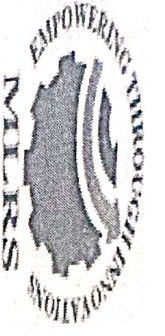


MARRI LAXMAN REDDY
INSTITUTE OF TECHNOLOGY AND MANAGEMENT
 (AN AUTONOMOUS INSTITUTION)
 (Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)
 Accredited by NAAC with 'A' Grade & Recognized Under Section 2(f) & 12(B) of the UGC act, 1956

Department of Electronics and Communication Engineering
 Faculty Research Publications

Journal Publications (2024-25)

S.No	Name of the Faculty	Title of the Paper	Journal Name	DOI Number	Year & Month of Publication	Vol. No., Issue No., and Page Nos.	SCI/SCOPUS/UGC
1	Dr. R. Murali Prasad	An Intelligent optimized user's resource searching and Nearest peer Identification in Mobile Networks	International Journal of Communication Systems, Wiley	https://doi.org/10.1002/dac.5829	Sept 2024	Vol. 37, No. 13, pp. e5829	Scopus/SCI
2	Dr. R. Murali Prasad	Accurate Brain Tumor Image Segmentation and Classification Using Deep Convolutional Network (DCNN) and Pulse Coupled Neural Networks (PCNN)	Frontiers in Biomedical Technologies	https://fbt.tums.ac.ir/index.php/fbt/article/view/659	Dec 2024	Vol. 12, No. 3, pp. 1-12	Scopus/SCI
3	Dr. N. Srinivas	Analysis of a CR- Enabled Energy- Efficient Device-to- Device Network with Ambient Backscattering and NOMA	International Journal of Communication Systems, Wiley	https://doi.org/10.1002/dac.6005	Oct 2024	In press	Scopus/SCI
4	K. Sridhar	High Embedding and Security Techniques for Video Coding by Data Hiding in Motion Vectors	International Journal of Engineering Research Applications	DOI: 10.9790/9622-14112831	Nov 2024	Vol. 14, No. 11, pp. 28-31	UGC
5	Nagajyothi	High Embedding and Security Techniques for Video Coding by Data Hiding in Motion Vectors	International Journal of Engineering Research Applications	DOI: 10.9790/9622-14112831	Nov 2024	Vol. 14, No. 11, pp. 28-31	UGC

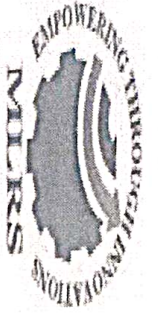


MARRI LAXMAN REDDY
INSTITUTE OF TECHNOLOGY AND MANAGEMENT
(AN AUTONOMOUS INSTITUTION)
(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)
Accredited by NAAC with 'A' Grade & Recognized Under Section 2(f) & 12(B) of the UGC act, 1956

6	P. Lavanya	Design of near-infrared imaging system using Nd-YAG laser at 1064 nm and gated InGaAs camera	Journal of Optics	https://doi.org/10.1007/s12596-025-02548-3	Feb 2025	ERIP/ER/20210800 1/M/01 1786	Scopus/SCI
---	------------	--	-------------------	---	----------	---------------------------------	------------


HOD-ECE

Department of ECE
MARRI LAXMAN REDDY
Institute of Technology and Management
(AUTONOMOUS)
Dharmavaram, Durgam-Chandrababu Naidu Road,
Maddur (D), Hyderabad - 500043, T.S



MARRI LAXMAN REDDY
INSTITUTE OF TECHNOLOGY AND MANAGEMENT
(AN AUTONOMOUS INSTITUTION)
(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)
Accredited by NAAC with 'A' Grade & Recognized Under Section 2(F) & 12(B) of the UGC act, 1956

Department of Electronics and Communication Engineering
Faculty Research Publications

International Conferences (2024-25)

S. No	Name of the Faculty	Title of the Paper	Conference Name	DOI Number	Year & Month of Publication	Place of the Conference	SCI/SCOPUS/UGC
1	G. Siva Sankar Varma	IM-NOMA: A Hybrid OFDM-IM and OFDM Systems for Enhancing Achievable Rate and SNR with QPSK	2024 IEEE International Conference on Electrical, Electronics, Information and Communication Technologies (ICEEICT)	DOI: 10.1109/ICEEICT6 1591.2024.10718520	Oct 2024	Trichirappalli, India	Scopus
2	P. Lavanya	IM-NOMA: A Hybrid OFDM-IM and OFDM Systems for Enhancing Achievable Rate and SNR with QPSK	2024 IEEE International Conference on Electrical, Electronics, Information and Communication Technologies (ICEEICT)	DOI: 10.1109/ICEEICT6 1591.2024.10718520	Oct 2024	Trichirappalli, India	Scopus

P. Siva
HOD-ECE
Department of ECE
MARRI LAXMAN REDDY
Institute of Technology and Management
(AUTONOMOUS)
Dundigal(V), Dundigal-Gandamasa(M)
Medchal(D), Hyderabad - 500043, T.S