



MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY
(Autonomous Institution – UGC, Govt. of India)

DEPT.OF ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY PUBLICATIONS
2023-24

Dr. K Mallikarjuna Lingam

International Journals:

1. M Sucharitha, B Jyothi, S Srinivasa Rao, K Mallikarjuna Lingam, “Peak to average power ratio reduction for MC FDMA using companding”, AIP Conference Proceedings, Vol 2587, Issue 1, November 2023, <https://doi.org/10.1063/5.0151019>.

Dr. B. Jyothi

International Journals:

1. M Sucharitha, B Jyothi, S Srinivasa Rao, K Mallikarjuna Lingam, “Peak to average power ratio reduction for MC FDMA using companding”, AIP Conference Proceedings, Vol 2587, Issue 1, November 2023, <https://doi.org/10.1063/5.0151019>.
2. M. Sucharitha, Reena Thomas, B. Jyothi, Edeh Michael Onyema and Gashaw Bekele, “Design and Fabrication of Metallic-Conductive Polymer-Based Hybrid Film Interconnections for Stretchable Electronic Devices”, International Journal of Polymer Science, Volume 2023, Article ID 1392115, 8 pages, <https://doi.org/10.1155/2023/1392115>.
3. Jyothi, B., Sucharitha, M., P. Anitha, “Wavelet-Based Colon Polyp Detection Using Support Vector Machine Classifier”, Intelligent Manufacturing and Energy Sustainability, Smart Innovation, systems and Technologies, vol 334. 2023, pp. 71–79, Springer, Singapore. https://doi.org/10.1007/978-981-19-8497-6_6.

Dr. Arun kumar Madupu

International Journals:

1. Arun Kumar Madupu, “Evaluating AODV and DSDV Routing Protocols for Enhanced Performance in wireless Sensor Networks”, 3rd International Conference on Innovative Mechanisms for Industry Applications ICIMIA, Dec-2023.

Dr. Sadanand Yadav

International Journals:

1. Vivek Rai, Gaurav Kumar, Ankit Kumar Kushwaha, Vinay Kumar, Sadanand Yadav, "TrALPR: Automatic License Plate Recognition using Transformers", International Conference on Modelling, Simulation, and Intelligent Computing (MoSICom 2023), Dubai, IEEE, December, 2023.
2. Utkarsh Sharma, Nimish Nigam, Ujjawal Kumar, Vinay Kumar, Sadanand Yadav, Ashish Pandey, Rakesh Kumar Singh," Abnormality Detection in Heart Using Combination of CNN, RNN and U-Net", International Conference on VLSI, Communication and Signal processing, Springer Nature Singapore, 02-Jul-23, ISSN 978-981-99-0973-5, pp 135–146, Scopus, https://doi.org/10.1007/978-981-99-0973-5_10.

Dr. K. Rasool Reddy

International Journals:

1. K.Sowjanya, K.Rasool Reddy and M.Raveena, "A New Distinctive Methodology for the Classification of Brain MR Images Using Histogram Based Local Feature Descriptors", International Journal of Computing and Digital Systems, ISSN (2210-142X), Vol 13, No.1 (May 2023, <http://dx.doi.org/10.12785/ijcds/1301106>).

P. Anitha

International Journals:

1. Jyothi, B., Sucharitha, M., P. Anitha, "Wavelet-Based Colon Polyp Detection Using Support Vector Machine Classifier", Intelligent Manufacturing and Energy Sustainability, Smart Innovation, systems and Technologies, vol 334. 2023, pp. 71–79, Springer, Singapore. https://doi.org/10.1007/978-981-19-8497-6_6.

Ch. Kiran Kumar

International Journals:

1. Chinthakindi Kiran Kumar, Gaurav Sethi, and Kirti Rawal, "Adapting to the Dark: A Novel Adaptive Low Light Illumination Correction Algorithm for Video Sequences in Wireless Communications", IJEER, 2023, ISSN 2347-470X, <https://ijeer.forexjournal.co.in/archive/volume-11/ijeer-11ngwcn01.html>.

2. Chinthakindi Kiran Kumar, Gaurav Sethi, Kirti Rawal, "Deep Network Architectures for Object Detection and Tracking: A Review", Intelligent Manufacturing and Energy Sustainability, Jun-23, volume 334, PP 117-128, Scopus, 10.1007/978-981-19-8497-6_12.

Neha Thakur

International Conferences:

1. Neha Thakur, Neethu Thomas, Aarju Mathew Koshy, Parasuraman Swaminathan, Hari Murthy, "NiO-Graphene Thin Films by Inkjet Printing for Sensing Applications", ICTN-KLC 2k23, IIT Madras, Sep-23.
2. Neha Thakur, N Thomas, A Mathew, P Swaminathan, H Murthy, "NiO-Graphene Thin Films by Inkjet Printing for Sensing Applications (Poster)", ICTN KLC-2K23, IIT Madras, July 2023.

K. Bhavana

International Journals:

1. C.Ravi Shankar Reddy, P.V. Gopi Kumar, R.Manikandan, K.Bhavana, "A High Speed And Power Effeicient Multiplier Based On Counter Based Stacking", The Indonesian Journal of Electrical Engineering and Computer Science (IJECS), p-ISSN: 2502-4752, November 2023, <http://ijeecs.iaescore.com>.

Hindol Bhattacharjee

International Journals:

1. Hindol Bhattacharjee, Anup Dey; Avishek Saha, Preetisudha Meher, "Threshold Voltage Analysis of E-mode Recessed p-GaN Gate HEMT-A Simulation Based Study", 2023 IEEE Devices for Integrated Circuit (DevIC), June 2023, 10.1109/DevIC57758.2023.10134842.