



## ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY(A) (An AUTONOMOUS Institution)

Approved by AICTE, New Delhi \* Permanently Affiliated to JNTUK, Kakinada  
Accredited by NBA\* Accredited by NAAC A+ Grade with CGPA of 3.40  
Recognized by UGC Under Sections 2(f) and 12(B) of the UGC Act, 1956  
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Papers published by Faculty in Journals/Conferences  
Publications: 2023-24

International Journals (with Impact Factor)	4
International Journals(Scopus)	2
International Conferences(Scopus)	6
Total	12

### International Journals (With Impact Factor)

1. **N.Sunil**, 'Image based random rotation for preserving the data in data mining process', Signal, Image and Video processing', IF 2.3, H-Index 48.
2. **Dr.M.Anil Kumar**, 'Novel nature-inspired optimization approach based SVM for identifying the android malicious data, Multimedia tools and applications', 2024. IF 3.6 H-Index 93.
3. G Uganya, I. Bremnavas, K.V. Prashanth, M. Rajkumar, **R.V.S. Lalitha**, Charanjeet Singh, Empowering autonomous indoor navigation with informed machine learning techniques', Computers and Electrical Engineering, ISSN 0045-7906, 4<sup>th</sup> September 2023, vol 111, IF 4.3.
4. R.Thilagavathy, P. N. Renjith, **R. V. S. Lalitha**, Mantripragada Yaswanth Bhanu Murthy, Yadala Sucharitha, S. Lakshmi Narayanan, A novel framework paradigm for EMR management cloud system authentication using blockchain security network', Soft Computing, March 2023, IF 3.732.  
<https://link.springer.com/article/10.1007/s00500-023-07958-8>

### International Journals (Scopus)

1. Dr.Ch.S.V.V.S.N.Murthy, A NOVEL ALU USING DISTRIBUTED ARITHMETIC FOR REAL TIME SIGNAL PROCESSING APPLICATION, Proceedings on Engineering Sciences, 2024.  
10.24874/PES.SI.24.03.011
2. Ch.Sujana, Kalyan Ram, M, Lalitha, RVS, Divya Lalitha Sri, J, Secure data storage using Internet of Things(IoT) and new affordable Block chain model, International Journal of Computing and digital systems, ISSN 2210-142X,24-2-2024

### International Conferences (Scopus)

1. Dr.R.V.S.Lalitha, Deep Reinforcement learning approach for autonomous vehicles to cross junctions, International Conference on Algorithms and Computational Theory for Engineering Applications(ICACTEA-2024) Aditya EngineeringCollege(A),

Surampalem.2<sup>nd</sup> &3<sup>rd</sup> Feb 2024

2. G.Jay Raj, 'Estimating human life expectancy through Sentiment analysis population based models and machine learning models', 22-24, Dec 2023, DST SERB sponsored International Conference, ICAAAI 2023, Sagi Rama Krishna Raju Engineering College(A), Bhimavaram.
3. R.Sri Divya, 'A hybrid KMeans and ML classification approach for credit card fraud detection', INOCON 2024, IEEE conference, Sai Vidya Institute of Technology, Begaluru.
4. G.Paramesh Kumar, 'An innovative approach for identifying skin cancer with fusion of CNN and LSTM, IC2PCT 2024, Galgotias University, Greater Noida, 9-10, Feb 2024.
5. M.M.Siva Krishna, Real time water quality tracking and alert system with IoT integration, 2023 3<sup>rd</sup> International conference on Pervasive computing and social networking(ICPCSN), 19-20, June 2023, Salem, India
6. Y. Sneha, Y. M. Roopa, P. Sawant, M. V. Rao, D. L. Padmaja and R. V. S. Lalitha, "Advancements in Brain Tumor Detection using Machine Learning Applications from MRI Image Analysis," 2023 7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC), Kirtipur, Nepal, 2023, pp. 809-814, doi: 10.1109/I-SMAC58438.2023.10290231. 11-13 October 2023 ISBN:979-8-3503-4148-5, Purwanchal Campus, Institute of Engineering, Tribhuvan University, Nepal.
5. Dr.S.Surekha, Dr.R.V.S.Lalitha, Accident Prone Area Alert System by Clustering Geospatial Data using DBSCAN, CSEAI 2023, Lendi Institute of Engineering and Technology, Vizianagaram, 17-18 Nov 2023.
6. Dr.Ch.Raghavendran, Dr.R.V.S.Lalitha, Automatic student attendance system based on face recognition, ICMED 2023, Dec 1&2, 2023, GRIET, Hyderabad



**Faculty in-charge**



Dean-Academics



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Head of the Department  
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