

Scientific publications:

1. **Potta Mounika** , B. Narayanan & Kavitha Rani Balmuri,” An Adaptive TransResUnet++Based Segmentation and Hybrid CNN-Aided Classification for Detecting Breast Cancer from Mammogram Images”, ISSN: 0196-9722 (Print) 1087-6553 (Online)
2. Shaik Munawar, **Potte Mounika**, Badise Manoj, Mohammad Sirajuddin “Facial Expression Control System for VLC Media Player” International Journal of Communication Networks and Information Security ISSN: 2073-607X, 2076-0930 Vol. 16(3), 2024.
3. **Mounika potta**, B. Narayanan, Kavitha Rani Balmuri,” A Review on Breast Cancer Prediction Using Machine Learning and Deep Learning Techniques”, Turkish Journal of Computer and Mathematics Education (TURCOMAT) ISSN: 3048-4855, Vol.15 No.3(2024),120.
4. D. Venu Gopal,T. Mounika Reddy, **P.Mounika**” Data Sharing Across Cloud Storage Using Key Aggregate Cryptosystem Techniques.” International Journal Of Scientific Engineering and Technology Research, ISSN 2319-8885, Vol No 05, Issue No 05, 2016.

Books and book chapters:

1. K.Reddy Madhavi, Sandya Vooradi, **P. Mounika**, Satyam Yedlla & Naresh Tangudu “Emotional Analysis Using Convolutional Neural Network” ,Springer 2023.

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1. D.Vetrithangam,**P.Mounika**,Anushaa Putta, Amit Majumder,” Multiview Radiographic Osteoarthritic Anomaly Detection Utilizing Enhanced Liquid Neural Network Architectures and Advanced Computational Imaging Techniques”, 2025 International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE) | 979-8-3315-0103-7/25/\$31.00 ©2025 IEEE | DOI: 10.1109/AMATHE65477.2025.11081194
2. Anil Pandurang Jawalkar, S Kiran kumar,**Potta Mounika**, Ram Deshmukh, Manohara H.T “Fault Detection and Diagnosis in Automotive Control Systems using Machine Learning”, International Conference on Evolutionary Algorithms and Soft Computing (EASCT-2023),Proceeding IEEE 10.1109/EASCT59475.2023.10392553 Xplore(22-Jan-2024)DOI: 10.1109/EASCT59475.2023.10392553
3. Sumaiya Samreen, Yerrolla Chanti,**Potta Mounika**, Manjusha Mandava “IoT-based Power Metering Automation for Improving Data Integrity and Reliability in Power Marketing Meters”, International Conference SoftComputing(EASCT2023),Proceeding on IEEE Evolutionary Xplore Algorithms and (22-Jan-2024), DOI: 10.1109/EASCT59475.2023.10392690.