ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY(A)
(An AUTONOMOUS Institution)
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Department of CSE (AI&ML, IOT)

Academic Year 2024-25

Journal Publications

Journal Articles- SCI/SCIE/ESCI	**1**
Journal Articles- Scopus	**4**
Journal Articles- UGC Care List	**0**
Journal Articles- Peer Reviewed	**2**
Total	**7**

Journal Articles- SCI/SCIE/ESCI

1. Mathi, Praveen, **VVMJ Satish Chembuly**, Ayinala Naga Sai, Chitturi Ram Prasad, Rama Bhadri Raju Chekuri, Ravi Varma Penmetsa, and Kumar Raja Gudaru. "Effect of laser shock peening on grain structure, surface hardness, residual stresses, and wear behavior of Al5083 alloy." *Engineering Research Express* 7, no. 2 (2025): 025515.

Journal Articles- Scopus

1. Arif, Abdul, **Ponugoti Gangadhara Rao**, and Kalapala Prasad. "A novel hybrid Bayesian-optimized CNN–SVM deep learning model for real-time surface roughness classification and prediction based on in-process machined surface image analysis." *International Journal on Interactive Design and Manufacturing (IJIDeM)* (2025): 1-18.

2. Prasad, Chitturi Ram, Ayinala Naga Sai, Praveen Mathi, **VVMJ Satish Chembuly**, Rama Bhadri Raju Chekuri, Ravi Varma Penmetsa, and Kumar Raja Gudaru. "Role of Laser Shock Peening in Refining Microstructure and Mitigating Corrosion in AA5083 Alloy." *Journal of The Institution of Engineers (India): Series D* (2025): 1-10.

3. Prasad, Chitturi Ram, Ayinala Naga Sai, Praveen Mathi, **VVMJ Satish Chembuly**, Rama Bhadri Raju Chekuri, Ravi Varma Penmetsa, and Kumar Raja Gudaru. "Role of Laser Shock Peening in Refining Microstructure and Mitigating Corrosion in AA5083 Alloy." *Journal of The Institution of Engineers (India): Series D* (2025): 1-10.

4. **K. N. S. K. Santhosh**, AI-Driven Cybersecurity: Enhancing Threat Detection and Mitigation with Deep Learning. International Journal of Computational and Experimental Science and Engineering (IJCESEN) MARCH 2025

Journal Articles- Peer Reviewed

1. K. Rupa Sravanthi, Revolutionizing Cardio Vascular Disease Diagnosis Through Lasso Regression Model International Journal of Scientific Research in Engineering and Management (IJSREM), November 2024.
2. K. Rupa Sravanthi, Gluco-Predict : Leveraging Logistic Regression to Predict Diabetes Risk. International Journal of Scientific Research in Engineering and Management (IJSREM), November 2024.

Faculty in-charge   **Head of the Department**