

## Faculty Profile



**Name:** Dr. K. Adi Narayana Reddy

**Designation:** Associate Professor

**Teaching Areas:** Machine Learning, Deep Learning, Python, DS, DAA, NS

**Research Interests:** Machine Learning, Deep Learning – NLP and Vision

### Education:

PhD – JNTU Hyderabad, Hyderabad -2015

MTech – IIT Kharagpur, Kharagpur – 2008

MSc – IIT Madras, Chennai - 2003

### Research / Selected Publications: Journals

1. Durga Prasad Kavadi, Fadi Al-Turjman, Adi Narayana Reddy K, Rizwan Patan, “A Machine Learning Approach for Celebrity Profiling “,International Journal of Ad Hoc and Ubiquitous Computing (SCI) -2022
2. Adi Narayana Reddy K, Durga Prasad K, Shyam Chandra Prasad G, “Prediction of Personalized Medicine using Deep Learning”, International Journal of Advanced Science and Technology, 29(5), 10448-10455(Scopus)
3. Adi Narayana Reddy K, Shyam Chandra Prasad G, “Sentiment Analysis Multi-Channel CNN-LSTM Model”, Journal of Advanced Research in Dynamic and Control Systems, 11(12), 489-494 (Scopus)
4. Adi Narayana Reddy K, Maheshwar Reddy V, Raviprakash Reddy I, “[Intrusion Detection System Using Multilayer Neural Networks](#)”, Journal of Advanced Research in Dynamic and Control Systems 11 (5), 353-362 (Scopus)
5. Adi Narayana Reddy K, Maheshwar Reddy V, Raviprakash Reddy I, “[Intrusion Detection System using SMIFS and Multi class Multi layer Perceptron](#)”, International Journal of Innovative Technology and Exploring Engineering, volume 8, issue 7, 2019 (Scopus)
6. Adi Narayana Reddy K, Vishnu Vardhan B, Durga Prasad K, “GENERALIZED AFFINE TRANSFORMATION BASED ON CIRCULANT MATRICES”, IJDPS, vol.3 no.5 Sept 2012. (Scopus)
7. Adi Narayana Reddy K, Vishnu Vardhan B, Ramakrishna Reddy K, Durga Prasad K, “ A HYBRID CRYPTOSYSTEM USING VARIABLE LENGTH SUB KEY GROUPS AND BYTE SUBSTITUTION” Journal of Computer Science, vol.10, no.2 251-254, 2014. (Scopus)
8. Adi Narayana Reddy K, Vishnu Vardhan B, “Secure Linear Transformation based Cryptosystem using Dynamic Byte Substitution”, International Journal of Security, vol.8, no.3
9. Adi Narayana Reddy K, Shyam Chandra Prasad G, “Secure Cryptosystem Based On Non-Deterministic Linear Transformation”, IJPT, Vol.8, p- 18423-18429 (Scopus)