

## Faculty Profile



**Name:** BRAHMANAIDU KAKARLA

**Designation:** Assistant Professor

**Department:** Data Science and Artificial Intelligence

**Teaching Areas:** Algorithms, Data Structures, Database Management, Machine Learning, Artificial Intelligence, Data science, Foundations of Data Analytics, Big Data Systems, Information Retrieval Systems.

**Research Interests:** Machine Learning, Artificial Intelligence, Data Mining

### Education:

- (PhD) – Information Retrieval Systems from JNTU Hyderabad
- M.Tech - Computer Science and Engineering from JNTU Hyderabad (2008)
- B.Tech - Computer Science and Engineering from JNTU Hyderabad (2004)

### Patents:

1. Title of invention: “A genetic framework for social feedback analysis for organizational growth” with application number 202041055178 and publication date 25-12-2020.
2. Title of invention: “A scalable and energy- efficient faculty tolerant network-on-chip” with application number 202041030007 and publishing date 31-07-2020.

### Research Publications:

1. “Supervised Learning for Classification of Emotions Based on Twitter Data” International Journal of Control and Automation Vol. 13, No.2, (2020), pp. 1159 – 1166.
  2. “An Efficient smart display menu for customizing the performance using AI cameras” 4<sup>th</sup> International Conference on Recent trends in Communication & Electronics (ICCE-2020),
  3. “Deep Learning for Sentiment Analysis Based on Customer Reviews” 2020 11<sup>th</sup> International Conference on Computing, Communication and Networking Technologies (ICCCNT). IIT, Kheradpir, July 2020.
  4. “Sentiment analysis using semi supervised Naïve Bayes Classifier “A journal published in “International Journal of Innovative Technology and Research”, Volume No. 1, Issue No. 5, August-September 2013, 478 – 482.
  5. “Mutually Independent Candidates Algorithms for Association rules Mining”, , International conference on computer science and Engineering (ICCSE-2019)
- Membership in society: International Association of Engineers (ID: 154464)