



# ANNAMACHARYA UNIVERSITY

EXCELLENCE IN EDUCATION; SERVICE TO SOCIETY  
(ESTD, UNDER AP PRIVATE UNIVERSITIES (ESTABLISHMENT AND REGULATION) ACT, 2016)  
Rajampet, Annamayya District, A.P – 516126, INDIA

## Faculty Profile

### Basic Information:

NAME : NAVEEN KUMAR BASETTY  
DESIGNATION : ASSISTANT PROFESSOR  
DEPARTMENT : CSE  
DATE OF BIRTH : 25/07/1987  
DATE OF JOINING : 20/05/2015  
EMAIL ID : Basettnaveen18@gmail.com  
EMPLOYEE ID : 1044



### Academic Profile:

| Qualification | Name of the Board/University | YEAR     |
|---------------|------------------------------|----------|
| Ph.D (CSE)    | GIET University              | Pursuing |
| M.Tech (CSE)  | JNTUA University             | 2011     |
| B.Tech (CSE)  | JNTUA University             | 2008     |

### Research Details:

|                                        |                        |                                     |
|----------------------------------------|------------------------|-------------------------------------|
| 1. Areas of Specialization             | :                      | Computer Networks, Machine Learning |
| 2. No. of Publications                 | :                      | 16                                  |
| 3. Awards Received                     | :                      |                                     |
| 4. Research Guidance                   |                        |                                     |
|                                        | No. of PhD Guided:     |                                     |
|                                        | No. of MTech. Guided:  | 01                                  |
|                                        | No. of B.Tech. Guided: | 23                                  |
| 5. Details of Professional Membership: |                        | CSTA, IAENG, IFERP, IAAC            |



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|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6. Subjects Taught: | <ol style="list-style-type: none"><li>1. Problem Solving Techniques and C Programming</li><li>2. Data Structures</li><li>3. Python Programming</li><li>4. Database Management Systems</li><li>5. Computer Networks</li><li>6. Software Engineering</li><li>7. Advanced Data Structures</li><li>8. Machine Learning</li><li>9. Cloud Computing</li><li>10. Design Patterns</li><li>11. Design Patterns Through Java</li><li>12. Distributed Systems</li><li>13. Object Oriented Analysis and Design</li></ol> |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Publication Details:

| Title                                                                                         | Publisher                                                                                                               | Published Year |
|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|----------------|
| Stock Price Forecasting with Optimized Deep LSTM Network                                      | Springer Nature ICMISC International conference on Recent Trends in Machine Learning, IOT, Smart Cities & Applications. | 2025           |
| Truth Guard Pro: Reliable Fake News Detection with Machine Learning Algorithms                | Springer Nature ICMISC International conference on Recent Trends in Machine Learning, IOT, Smart Cities & Applications. | 2024           |
| Crop Yield Prediction Using Machine Learning                                                  | Springer Nature ICMISC International conference on Recent Trends in Machine Learning, IOT, Smart Cities & Applications. | 2024           |
| Detection and classification of pneumonia in chest x-ray image using deep learning techniques | Springer Nature Switzerland AG International Conference on Communications and Cyber Physical and Communications         | 2024           |
| Accident severity detection using machine learning algorithms                                 | Springer Nature Switzerland AG International Conference on Data Science, Machine Learning and Applications              | 2023           |



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|                                                                                                                                   |                                                                                              |      |
|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------|
| WOGRU-IDS—An intelligent intrusion detection system for IoT assisted Wireless Sensor Networks                                     | ELSEVIER<br>Computer Communications                                                          | 2022 |
| A Comparative Analysis of Machine Learning Algorithms and Malicious URL prediction                                                | International Journal of Advance Research in science and Engineering                         | 2022 |
| Prediction of traffic congestion using swarm-based long short-term memory                                                         | International Journal of Advance Research, Ideas and Innovations in Technology               | 2022 |
| HEALTH IOT: SMART HEALTH USING IOT                                                                                                | Journal of Engineering Sciences                                                              | 2020 |
| Estimation Of Cryptographic Approach on IOT Devices                                                                               | International Journal of Recent Scientific Research                                          | 2019 |
| Evaluation of Effects of Varicocele Repair on Seminal Parameters in Cases of Clinical and Subclinical Varicocele—A Two Year Study | International Journal of Contemporary Medicine, Surgery                                      | 2018 |
| A Study on Sanctuary and Seclusion issues in IoT                                                                                  | International Journal on future Revolution in Computer science and communication Engineering | 2018 |
| Secure Communication in Wise Homes Using IoT                                                                                      | International Journal on future Revolution in Computer science and communication Engineering | 2018 |
| Use of Data Mining in Education Sector                                                                                            | National Conference on Emerging Trends in Information, Digital & Embedded Systems            | 2016 |
| Data Mining Process Related Problems in Financial Applications                                                                    | National Conference on Emerging Trends in Information, Digital & Embedded Systems            | 2016 |
| Vigor Resourceful Practice for Two-Way Networks                                                                                   | IOSR Journal of Engineering                                                                  | 2013 |