**About Profile**



NAME: DR K UDAY KUMAR REDDY

DATE OF BIRTH: 01/08/1980

DESIGNATION: ASSOCIATE PROFESSOR

DEPARTMENT: AI&DS

EMAIL ID: pranith.dwh@gmail.com

DATE OF JOINING:14/08/2004

EMPLOYEE ID: AITS051003

## Academic Profile

| **Qualification** | **Name of the Board/University** | **YEAR** |
| --- | --- | --- |
| **Ph.d(CSE)** | **Rayalaseema university Kurnool** | **2019** |
| **M.Tech(CSE)** | **Sathyabhama university chennai** | **2007** |
| **B.Tech(CSE)** | **Annamacharya institute of technology and sciences Rajampet(Affiliated to JNTUA)** | **2003** |

## Research Details

1. Areas of Specialization: DW&DM,MANETS
2. List of Publications:17
3. Awards Received :-
4. Research Guidance:
5. No. of PhD Guided:-
6. No. of M.Tech Guided:35
7. No. of B.Tech Guided:50
8. Details of Professional Membership: IE(AMIE)
9. Subjects Taught: c programming and data structures,IT work shop, advanced data structures and algorithms,C++,Design and analysis of algorithms,computer networks,object oriented analysis and design through UML,Mathematical foundations of computer science,discrete structures and graph theory,data ware housing and data mining,

Big data,software engineering, principles of programming languages,Introduction to data science

## Publication Details

|  |  |  |
| --- | --- | --- |
| **Title** | **Publisher** | **Published Year** |
| Optimizing Natural Language Understanding: A Comprehensive Study of Python’s Top Libraries | Scopus | 2025 |
| Exploring Diabetic Retinopathy Diagnosis: Insights from a Comprehensive Literature Review and Initial Fundus Image Analysis | scopus | 2024 |
| preference of hospital admission according to emergency using machine learning | Industrial engineering journal VOL XVII ISSUE NO 4. | 2024 |
| Machine Learning Technique for SDN: DDOS Attacks and Defense Mechanisms | DOGO RANGSANG | 2023 |
| ROAD TRAFFIC SPEED PREDICTION: A PROBABILISTIC MODEL FUSING MULTISOURCE DATA | DESIGN ENGINEERING | 2023 |
| Performance of Ad hoc On-Demand Distance Vector Routing | IJERT | 2022 |
| Fake Reviews Detection using Supervised Machine Learning | Conference world | 2022 |
| Deep Learning Technique for Automatically Classifying Food Images | Mathematical Statistician and Engineering Applications | 2022 |
| Monitoring Fake Product Reviews Using Opinion Mining | Design engineering | 2021 |
| Design of High Security Smart Health Care Monitoring System using IoT | IJET | 2020 |
| Performance of adhoc on demand distance vector routiong | International Journal of Applied Engineering Research ISSN 0973-4562 Volume 13, Number 8 (2018) pp. 6414-6418 | 2018 |
| Performance of The Dynamic Source Routing Protocol For Mobile Ad Hoc Networks (DSR) Using Random Way Point Mobility | Conference world | 2018 |
| Performance of the Dynamic Source Routing Protocol For  Mobile Ad Hoc Networks (DSR) Using Random Way Point Mobility | IJMTE | 2018 |
| MultPath Routing Algorithm for Multi-Constrained QoS Routing in MANETs | International Journal of Scientific Research in Computer Science, Engineering and Information Technology © 2017 IJSRCSEIT | Volume 2 | Issue 4 | ISSN : 2456-3307 | 2017 |
| ACHIEVING GROUP MEMBERSHIP IN ADHOC MOBILE NETWORKS | CONFERENCE WORLD | 2017 |
| Enhanced Routing with Congestion Diversity in Wireless Ad Hoc Networks | IJSR | 2017 |
| Intelligence Embedded Image Caption Generator Using an LSTM- Based RNN Model | Drugs and Cell Therapies in Hematology (ISSN: 2281-4876)  Volume 10 Issue 3 | 2017 |

## Patent Details

| **Sno.** | **Title of Patent** | **Submitted/Published/Awarded** |
| --- | --- | --- |
| **1** | **IoT Driven Machine Learning Model Waste Management System for**  **Smart Cities** | **Published** |
|  |  |  |