**Dr.K.PARISH VENKATA KUMAR,**

| | |
|---|---|
| **Designation** | **:** Assistant Professor |
| **E-Mail ID** | **:** kpvk@vrsiddhartha.ac.in |
| **Contact at** | **:** Department of Computer Applications |
| | Velagapudi Ramakrishna Siddhartha Engineering College, |
| | Kanuru, Vijayawada, Andhra Pradesh 520007. |

# Education

**Ph. D (Computer Science and Engineering)**

2019, Rayalaseema University, Kurnool. *Andhra Pradesh.*

**M.Tech (Computer Science and Engineering)**

2012, *Jawaharlal Nehru Technological University, Kakinada. Andhra Pradesh.*

**M.Tech (Computer Science and Engineering)**

2006, AAID University, Allahabad.

# Experience 22 Years

| Period | Designation | Institution / Organization | Key Responsibilities |
|---|---|---|---|
| 2024-till date | Assistant Professor | Siddhartha Academy of Higher Education, Deemed to be University | IQAC, AQAR, NAAC, RESESARCH PUBLICTIONS. |
| Aug 2006-2023 | Assistant Professor | Velagapudi Ramakrishna Siddhartha Engineering College | NAAC, RESESARCH PUBLICTIONS. |
| 2005-2006 | Lecturer | Nova PG College | Class In-charge, Examination In-charge. |
| 2003-2005 | Lecturer | KC PG College | Time table In-charge, Examination In-charge |

# Research Interests

**Broad Area of Research:**

- **Big Data Analytics, R, Data Mining.**

# Honors and Awards

➢ Best Paper Award for "Monitoring of web based maintenance in shop floor AIML" in International Conference of Embracing the Digital Horizon: Pioneering Commerce and Management Strategies for a Transformative Future (EDH 2024).

➢ I have received Merit Medal in my PG. The award received by the hands of Sri V. Sobhanaadaswa Rao (Ex Farmer Minister of AP).

➢ I have received Best Paper Award for Presentation on Fuzzy Set Qualitative Comparative Analysis to Analyte the Failure of Credit Institution. The award received by the Chaitanya Bharathi Institute of Technology (CBIT).

➢ I have received Best Paper Award for Presentation on Development of Fuzzy Set to Finalize the Bank Ranking as per the Finance Assistance. The award received by the Chaitanya Bharathi Institute of Technology (CBIT).

# Courses Taught

| S.No | Course Name | Level (UG/PG) |
|------|-------------|---------------|
| 1 | Data Mining Techniques | PG |
| 2 | Artificial Intelligence Tools and Applications | PG |
| 3 | Big Data Analytics | PG |
| 4 | Software Engineering | PG |
| 5 | Information Technology | PG |
| 6 | Operating Systems | PG |
| 7 | E-Commerce | PG |
| 8. | Computer Networks | PG |
| 9. | Data Mining and Warehousing Techniques | PG |
| 10. | Problem Solving with C Lab | UG |
| 11. | Introduction to Artificial Intelligence | UG |

# Research Profile

## Publications

The recent publications and research contributions can be viewed from the following URLs

| | |
|---|---|
| **Google Scholar** | https://scholar.google.com/citations?user=vg67em4AAAAJ&hl=en |
| **Scopus/ SCI** | https://www.sciencedirect.com/journal/expert-systems-with-applications |
| **ORCID** | https://orcid.org/0000-0002-0454-4908 |
| **dblp** | |
| **Publons** | |
| **Research Gate** | |
| **LinkedIn** | https://www.linkedin.com/in/dr-k-parish-venkata-kumar-125714119/ |

## Recognized Research Supervisor

| S.No. | Department | University |
|---|---|---|
| 01. | NILL | NILL |

## Funded Research Projects

| S.No. | Type | Title | Status | Funding Agency | Amount (INR) | Duration |
|---|---|---|---|---|---|---|
| 01. | NILL | NILL | NILL | NILL | NILL | NILL |

## Administrative Roles

| S.No. | Role | Institution | Duration | Responsibilities |
|---|---|---|---|---|
| 1 | Academic Council Member | Siddhartha Academy of Higher Education | 2024-Present | |

## Certifications/MOOC Courses Completed

| S.No. | Title | Platform | Duration | Year |
|---|---|---|---|---|
| 1. | Data Mining | NPTEL | 8 Weeks | 2025 |

| 2. | SQL Basic | HACKER RANK | | SQL Basics |
|---|---|---|---|---|
| 3. | AI for Everyone | COURSERA | 8 Weeks | 2020 |

## Consultancy / Industry Projects

| Completed | NILL |
|---|---|
| On-going | NILL |
| Applied | NILL |

## Patents

| S.No | Title | Status | Application No. | Year |
|---|---|---|---|---|
| 1. | Smart Adaptive Lighting System for optimized Energy Efficiency and User Comfort | Filed | 2022541088374 | 17/09/2025 |
| 2. | A SYSTEM AND METHOD FOR PREDICTIVE ANALYTICS IN RETAIL USING IOT-ENABLED SENSOR NETWORKS | Published | 202541019470 | 21/03/2025 |
| 3. | IOT BASED NEURA FEEDBACK WEARABLE | Granted | 443272-001 | 06/01/2025 |
| 4. | AI-DRIVEN DECISION SUPPORT SYSTEM FOR SUPPLY CHAIN OPTIMIZATION | Granted | 6415679 | 05/01/2025 |
| 5. | SIGN TRANSLATION USING OPEN CV | Published | 202441094641 | 06/12/2024 |
| 6. | SYSTEM AND METHOD FOR STOCK MARKET PREDICTION USING MACHINE LEARNING MODELS | Published | **202441033221** | 03/05/2024 |
| 7. | AI-BASED SCREENING SYSTEM TO IDENTIFY THE LIVER DISEASE BY CLINICAL DATA | Published | 202441030967 | 26/04/2024 |
| 8. | Method for Diagnosing and Treating Cancer Based on Nano-Robots | Published | **202341080481** | 22/12/2023 |
| 9. | A METHOD FOR REAL-TIME PREDICTIVE MODELLING USING MACHINE LEARNING | Published | **202341035346** | 18/08/2023 |
| 10. | Project management system and method for attaining users and business | Published | **202341035345** | 21/05/2023 |
| 11. | A system for predictive maintenance using machine learning | Published | **202341035337** | 21/05/2023 |
| 12. | BlockChain with Deep Learning Based Secure Computing Platform For Health Care Data. | Published | **202241025932** | 07/05/2022 |
| 13. | "Smart Drinking Water System" | Published | **202141057461A** | 17/12/2021 |
| | | | | |

## Ph.D

| Awarded | NILL |
|---------|------|
| Guiding | NILL |

## Invited Talks

| No. of Invited Talks | 06 |
|----------------------|----|

## Professional Service / Reviewer

- Second International conference on Networks & Soft Computing in Vigan University.

## Professional Development Activities - Participations

| Faculty Development and Training Programmes (at least 5 Days) | 15 |
|---|---|
| International / National Level Seminars | 05 / 05 |
| International / National Level Conferences | 12 / 16 |
| Workshops / Book Chapters | 05 / 11 |
| Instructor Led / Self-Paced Courses | 01 |
| Webinars | 10 |

## Professional Bodies Membership Details

| S.No. | Membership No. | Society Name |
|-------|----------------|--------------|
| 1. | F-504103 | FIETE(The Institution of Electronics and Telecommunication Engineers) |
| 2. | LM71134 | ISTE ( Indian Society for Technical Education) |
| 3. | 112316 | IAENG(International Association of Engineers number) |
| 4. | LM348 | SOLETE (Society for Learning Technologies). |

**(Dr K.Parish Venkata Kumar)**

**(Your Name & Signature with Date)**

***