**ANNAMACHARYA UNIVERSITY FACULTY DETAILS FOR WEBSITE**

**About Profile**

NAME: **Dr. V. SATHYENDRA KUMAR**

DATE OF BIRTH: 20-08-1981

DESIGNATION: Associate Professor

DEPARTMENT: CSE

EMAIL ID: vsk9985666531@gmail.com

DATE OF JOINING: 16-6-2006

EMPLOYEE ID: 120

## Academic Profile

| **Qualification** | **Name of the Board/University** | **YEAR** |
| --- | --- | --- |
| **Ph.D** | **BHARATH UNIVERSITY, Chennai** | **2023** |
| **M.Tech** | Acharya Nagarjuna University, Guntur | **2018** |
| **MCA** | **JNTU, Hyderabad** | **2005** |
| **B.Sc(Computer Science)** | **SV University, Tirupathi** | **2002** |

## Research Details

1. Areas of Specialization: Data Science, Big Data, AI
2. List of Publications: 12
3. Awards Received : 1
4. Research Guidance:
5. No. of PhD Guided: Nil
6. No. of M.Tech/MCA Guided: 62
7. No. of B.Tech Guided: 25
8. Details of Professional Membership:

International Association of Engineers (IAENG) : **Member NO. : 119677**

[Indian Society for Technical Education (ISTE)](http://www.google.co.in/url?sa=t&source=web&cd=2&ved=0CCIQFjAB&url=%2Finterstitial%3Furl%3Dhttp%3A%2F%2Fwww.isteonline.in%2F&ei=XeBRTa_kCoTCcer0zIYH&usg=AFQjCNHcAvXq-eChWY42R2rBSa7c_cI-XQ) : **Member NO. : LM 64188**

1. Subjects Taught:
2. Data Science
3. Machine Learning
4. Deep Learning
5. Advanced Data Structures and Algorithms
6. Algorithms for Data Engineering
7. Data Visualization Techniques
8. Big Data Analytics
9. Data Structures
10. Design and Analysis of Algorithms
11. Data Warehousing and Data Mining
12. Software Engineering
13. Operating Systems
14. Design Patterns
15. Object Oriented Analysis and Design
16. Java Programming
17. ERP
18. Computer Graphics
19. Software Testing Methodology
20. Business Intelligence

## Publication Details

|  |  |  |
| --- | --- | --- |
| **Title** | **Publisher** | **Year of publication** |
| Avoidance of Short Range Radio Devices to Control Radiation by Cell Towers | CIT International Journal of Programmable Device Circuits and Systems | 2010 |
| Cloud Computing Approaches for Educational Institutions | Journal of Computational Intelligence and Information Security | 2010 |
| Cloud Computing Through Mobile-Learning | International Journal of Advanced Computer Science and Applications(IJACSA) | 2010 |
| DQSU:Design of Quality of Service Using Distributed Model | journal of Entrepreneurship & Business Environment Perspectives | 2014 |
| A Middleware for Customization of Business Process using TIBCO | journal of Entrepreneurship & Business Environment Perspectives | 2014 |
| Efficient Intrusion Detection Using Deep Learning Approaches | Journal of Interconnection Networks (JIN) | 2019 |
| Seasonal forecasting of mobile data traffic in GSM networks with linear trend | Journal of Applied Science and Engineering | 2020 |
| AN EMPIRICAL SURVEY ON FREQUENT EXTRACTIONS IN  DATA STREAMS OF MOBILE NETWORKS | International Journal of Advanced Science and Technology | 2020 |
| EFFICIENT INTRUSION DETECTION SYSTEM USING XGBOOST AND J48 DECISION TREE ALGORITHMS | Vidyabharati International Interdisciplinary Research Journal | 2021 |
| Efficient Intrusion Detection Using Deep Learning Approaches | International Journal of Intelligent Systems and Applications in Engineering | 2022 |
| Securing the E-records of Patient Data Using the Hybrid Encryption Model with Okamoto–Uchiyama Cryptosystem in Smart Healthcare | Springer | 2023 |
| Combining Global Contextual and Multi-Scale Features in ACSOA based MultiBranch Deep Learning for Sensor based HAR | IEEE | 2024 |

## Patent Details

| **Sno.** | **Title of Patent** | **Submitted/Published/Awarded** |
| --- | --- | --- |
| **1.** | **Artificial Intelligence and Machine Learning based intelligent system to improve the quality of Video call Experience** | **Published on 4/2/2022** |