**ANNAMACHARYA UNIVERSITY FACULTY DETAILS FOR WEBSITE**

**About Profile**

NAME: Dr. J. Krishna

DATE OF BIRTH: 30-08-1970

DESIGNATION: Associate Professor

DEPARTMENT: AI & ML

EMAIL ID: krishna.j.jk@gmail.com

DATE OF JOINING: 17-06-2007

EMPLOYEE ID:AITS 33 87

## Academic Profile

| **Qualification** | **Name of the Board/University** | **YEAR** |
| --- | --- | --- |
| **Ph.D** | **Rayalaseema University, Kurnool** | **2019** |
| **M.Tech (CSE)** | **JNTU, Hyderabad** | **2012** |
| **M.E (CSE)** | **Sathyabama University, Channai** | **2007** |
| **M.Sc (Maths)** | **Madurai Kamraj University, Madurai** | **2004** |
| **PGDCA** | **JNTU, Hyderabad** | **1995** |
| **B.Sc (MPC)** | **Sri Krishnadevaraya University, Anantapur** | **1992** |

## Research Details

1. Areas of Specialization: Data Mining
2. List of Publications: 24
3. Awards Received : 3
4. Research Guidance:
5. No. of PhD Guided: 03 (Registered)
6. No. of M.Tech Guided: 09
7. No. of B.Tech Guided: 25
8. Details of Professional Membership:

IAENG Member

IFERP Member

CSTA Member

1. Subjects Taught:

C and Data Structures, Data Structures, Advanced Data Structures through C++, Computer Organization, Object Oriented Programming, Computer Networks, Compiler Design, Distributed Systems, Unix and Shell Programming, Object Oriented Analysis and Design, Network Management Systems, Network Programming, Linux Programming, .Net Programming, Database Management Systems, Data Warehousing and Data Mining, Python Programming, Machine Learning, Advanced Computer Architecture

## Publication Details

|  |  |  |
| --- | --- | --- |
| **Title** | **Publisher** | **Published Year** |
| Efficient Processing Of Location Based Spatial Query In Wireless Broadcasting Environment | International Journal Of Computer Applications In Engineering, Technology And Sciences (Ij-Ca-Ets) | 2012 |
| A Neighbor Coverage-Based Probabilistic Rebroadcast for Reducing Routing Overhead in Mobile Ad Hoc Networks | IJCAE-International Journal of Communications and Engineering | 2013 |
| Improving The Data Collection Rate In Wireless Sensor Networks By Using The Mobile Relays | International Journal of Advances in Science, Engineering and Technology(IJASEAT) | 2013 |
| A Review on Image Enhancement using Artificial neural Networks and Fuzzy Logic | International Journal of computer science Engineering and Scientific Technology | 2016 |
| Apriori Property based Algorithm (PApriori) for Finding Frequent Determinant Patterns from High Dimensional Datasets | International Journal for Scientific Research & Development | 2017 |
| DFP-MINER: Assessing The Accuracy Of Correlated Sequence Patterns From High Dimensional Biological Datasets | International Journal of Creative Research Thoughts | 2017 |
| Accurate And Efficient Mining For Confidence Colossal Patterns From High Dimensional Datasets: CDFP-MINE | International Journal of Advance Research in Science and Engineering | 2017 |
| Efficient High Utility Top-K Frequent Pattern Mining from High Dimensional Datasets | International Journal of Scientific Research in Computer Science | 2017 |
| Mining Competitors from Large Unstructured Datasets | International Journal of Advance Research in Science and Engineering | 2018 |
| An Efficient Closed Maximal Pattern Sequences Mining on High Dimensional Datasets | Asian Journal of Computer Science and Technology | 2019 |
| Efficient Information Dissemination in Vehicular Networks with Topological Approach | International Journal of Advanced Trends in Computer Science and Engineering | 2020 |
| Employee Performance Predicting Using Classification Techniques | Our Heritage Journal, | 2020 |
| Smart and Safe Riding Jacket Using IoT | International Journal of Advance Research in Science and Engineering (IJARSE) | 2020 |
| Deep Learning for Monitoring Driver’s Distraction from Physiological and Visual Signals | Drugs and Cell Therapies in Hematology | 2021 |
| An Efficient Web Scraping Method Using Web Pages Contained Additional Data | Compliance Engineering Journal | 2021 |
| Prediction Of Students’ Achieving Results Using ML Algorithms | Compliance Engineering Journal | 2021 |
| Different Machine Learning Approaches for Predicting Students’ Performance | International Journal of Science Technology and Management (IJSTM) | 2021 |
| Improving Cloud - Based Data Protection Using Block Chain Technology | Drugs and Cell Therapies in Hematology | 2021 |
| Ai-Enabled Secured Transportation System | Ijfans International Journal Of Food And Nutritional Sciences | 2022 |
| A Novel Dish Recognition Method Using Deep Learning | LNEE | 2024 |
| *A Study on Predicting Skilled Employees’ Using Machine Learning Techniques* | LNEE | 2024 |
| *Detection of Android Malware by Using Classification Algorithms* | TELEMATIQUE | 2024 |
| *Enhanced Sybil Attack Detection in Vanets through Combined Proof of Work and Location Verification* | TELEMATIQUE | 2024 |
| *Effect of learning rate on the performance of VGG-16 for prediction of cardiomegaly in chest X-ray images* | Recent Advances in Materials Manufacturing and Machine Learning | 2024 |

## Patent Details

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