**ANNAMACHARYA UNIVERSITY FACULTY DETAILS FOR WEBSITE**

**About Profile**

NAME: P. Swathi

DATE OF BIRTH: 14/06/1984

DESIGNATION: Assistant Professor

DEPARTMENT: CSE

EMAIL ID: 1260swathi@gmail.com

DATE OF JOINING: 10/01/2008

EMPLOYEE ID: 122

## Academic Profile

| **Qualification** | **Name of the Board/University** | **YEAR** |
| --- | --- | --- |
| **[Ph. D]** | **Annamacharya University** | **Admitted year [2024]** |
| **M. Tech** | **JNTUA** | **2015** |
| **MCA** | **JNTUH** | **2007** |
| **BSC COMPUTERS** | **S.V. UNIVERSITY** | **2004** |
| **INTERMEDIATE** | **BOARD OF INTERMEDIATE EDUCATION** | **2002** |
| **10TH CLASS** | **BOARD OF SECONDARY EDUCATION** | **1999** |

## Research Details

1. Area of Specialization: Networking
2. List of Publications:8
3. Awards Received :-
4. Research Guidance:
5. No. of PhD Guided: -
6. No. of M.Tech Guided: -
7. No. of B.Tech Guided: -
8. Details of Professional Membership: -
9. Subjects Taught:23

## Publication Details

|  |  |  |
| --- | --- | --- |
| **Title** | **Publisher** | **Published Year** |
| Optimizing Job Shop Scheduling with Dynamic Arrivals Using the Deep SOMs Approach | IEEE | 2025 |
| Beam phenomenon in dual-polirized Antennas using MIMO  | Springer Nature Switzerland AG | 2025 |
| AN ENHANCED WOELFEL IMAGE NOISE FILTER | Springer Nature Switzerland AG | 2024 |
| Vehicle License Plate Detection OpenCV and Tesseract OCR | Dogo Rangsang Research Society | 2023 |
| BREAKTHROUGHS IN WIRELESS TECHNOLOGY AND SECURITY MEASURES | Indian Institution of Industrial Engineering (IIIE) | 2023 |
| Empowering Women: harnessing Social Media to Combat stalking in indian cities | Global E Smart Technologies | 2022 |
| Enhancement of Degraded Images via Fuzy Intensification Model | **Springer Nature Switzerland AG**.  | 2021 |
| A Speculative Model to Explore Data Hub and Quality of Service in IAAS Cloud Computing Systems | ‘Blue Eyes Intelligence Engineering andSciences Publication’ | 2020 |
| Mobility Pattern Probing of Mobile Users using call data record dataset | ‘Blue Eyes Intelligence Engineering andSciences Publication’ | 2019 |

## Patent Details

| **Sno.** | **Title of Patent** | **Submitted/Published/Awarded** |
| --- | --- | --- |
| **1** | **DEEP LEARNING APPROACHES FOR BANDGAP AND EFFICIENCYESTIMATION IN PEROVSKITE SOLAR CELLS** | **Published** |
| **2** | **SYSTEM AND METHOD FOR REMOTE HEALTH MONITORING USINGIOT DRIVEN USING MACHINE LEARNING ALGORITHMS** | **Published** |