



Profile format for Faculty

For each Faculty give a page covering with Passport size photograph

i. Name : :Ms.V.Sathya

ii.Date of Birth :15/10/1989

iii.Unique id :ET22IT01

iv. Education Qualifications: B.Tech, M.E.,

v. Work Experience : 7 Years

- Teaching : 7 years
- Research : -
- Industry : -
- others : -

vi. Area of Specialization :Computer Science

vii. Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate

Diploma Level

Web Programming, Object Oriented Analysis And Design, , Professional Ethics in Engineering , Software Engineering,Software Architecture,Cloud Computing ,Data Structure And Algorithm,Design Analysis And Algorithms,Artificial Intelligence

viii. Research guidance - NIL

· No. of papers published in National/ International Journals/ Conferences – 15

· Presented a paper in an national conference held at PB College of Engineering,entitledon“Server Resource Utilization By Dynamic Resource Allocation Algorithms”

· Presented a paper in an national conference held at Gojan College of Engineering,entitled on “Identification of Spam Zombie Using SPOT Based on SPRT”

· Master. M.E

· Ph.D-nil

ix. Projects Carried out - Guided 10 Projects

x. **Research Articles Worked**

Research Articles Worked

- **“MULTI DISEASE PREDICTION USING MACHINE LEARNING”** Published in **Intelligent Computing And Control For Engineering And Business Systems (ICCEBS)** (Scopus Indexed)
- **“Smart Navigation Glasses For Independent Living”** on **2025 International Conference on Computing and Communication Technologies (ICCCT)** (Scopus Indexed)
- **“Sustainable Farming:Sensor -Driven irrigation and pest control”** on **2025 International Conference on Computing and Communication Technologies (ICCCT)** (Scopus Indexed)
- **“Automated ration vending using RFID”** on **2025 International Conference on Computing and Communication Technologies (ICCCT)** (Scopus Indexed)
- **“IMPRESS (Integrated Multi-Phase Renewable Sewer System)”** on **2025 International Conference on Computing and Communication Technologies (ICCCT)** (Scopus Indexed)
- **“Women Centric Network “** on **2025 International Conference on Computing and Communication Technologies (ICCCT)** (Scopus Indexed)
- **“Survey On Prevention Of SQL Injection”** On **2024 International Conference On Smart Technologies For Sustainable Development Goals (ICSTSDG)** (Scopus Indexed)
- **“Real Time Vision Application For Students using Augmented reality “** Published **Book Chapter in Computational methods in Science and Technology.** (Scopus Indexed)
- **“AJAZ (Food quality and Health care system using BlockChain)”** in **Icondeepcom Conference in Springer.**
- **“Fusion of plant care Kit - Using Remote Technology with Andriod Application”** in **Icondeepcom Conference in Springer.**
- **"Siren Detector in Public Vehicles,"** 2024 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS), Chennai, India, 2024, pp. 1-6, doi: 10.1109/ICPECTS62210.2024.10780249. (Scopus Indexed)
- **"Analyzing Water Using a Locomotary Device with MCU,"** 2024 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS), Chennai, India, 2024, pp. 1-6, doi: 10.1109/ICPECTS62210.2024.10780228. (Scopus Indexed)
- **“CLOUD BASED SMART PARKING SYSTEM”** Published in **journal of computational and theoretical nano science.** (Scopus Indexed)
- **“CHATBOT AS PERSONAL ASSISTANT”** Published in **international journal of applied engineering research, ISSN 0973-4562, and VOLUME 13.** (Scopus Indexed)
- **“DATA TRANSMISSION VIA HUMAN BODY”** Published in **JETIR, ISSN 2349-5162, and VOLUME 5.** (Scopus Indexed)
- **“HOMEDOC:REVOLUTIONIZING PHARMACEUTICAL APPLICATIONS THROUGH NEWER API AND IMPROVED USER INTERFACE”** Published in **international research journal of engineering and technology, ISSN 2395-0072 and VOLUME5.** (Scopus Indexed)
- **“LOCATION BASED MANAGEMENT OF PROFILE”** Published in **international research journal of engineering and technology, ISSN 2395-0072 and**

VOLUME(Scopus Indexed)

- **“SMART SENSOR BASED AUTOMATIC IRRIGATION SYSTEM AND WATERING OF CROPS” Published in international journal of advanced research and innovation, ISSN 2347-3258 and VOLUME 6. (Scopus Indexed)**

Online Course Completion

NPTEL Course Completed [IOT, CLOUD COMPUTING,DATA MINING]

- Completed Advantage Pro Certified AWS Course at Advantage Pro VILT
- Completed All the **8 Modules** of **NITTT by AICTE**
- Coursera Project Network on Search Engine Optimization(SEO) with Square space has Successfully Completed.
- Coursera Project Network on Create a Google Ads Search Campaign has Successfully Completed.

Faculty Development Program Attended

- **IBM SKILLSBUILD 5 Days In -Person Faculty Buildathon On Cyber Security & SIEM has Successfully Completed.**
- Attended six days Faculty Development Programme on “OPEN-SOURCE TECHNOLOGIES SHAPING THE FUTURE OF SOFTWARE DEVELOPMENT”, in Sairam Engineering College, Chennai, on 23rd December 2024 to 28th December 2024.
- **Attended Six days Faculty Development Programme on “OPEN -SOURCE TECHNOLOGIES SHAPING THE FUTURE OF SOFTWARE DEVELOPMENT”in Sri Sairam Engineering**
- 5 Days Online FDP on Inculcating Universal Human Values I in Technical Education Organized by **AICTE**
- 6 Days FDP on Emerging Technologies for Next Generation Network at Kings Engineering
- 6 Days Online FDP on Inculcating Universal Human Values II in Technical Education Organized by **AICTE**

xi. Technology Transfer - NIL

xii. Research Publications - Nil

xiii. No. of Books published with details-1