

## Faculty Profile Format

### 1. Basic Information

- **Name:** Dr.JYOTI R MARANUR
- **Designation:** Associate Professor
- **Department:** Computer Science and Engineering
- **Email:** jyotirmaug16@gmail.com

### 2. Academic Qualifications

- **Ph.D. (if applicable):** Visvesvaraya Technological University
- **Postgraduate (PG) – M.Tech :** Visvesvaraya Technological University,2013
- **Undergraduate (UG) – B.Tech / B.E.:** Visvesvaraya Technological University,2011

### 3. Work Experience

- **Total Academic Experience:** 10.8
- **Industry Experience:**NIL

### 4. Research Interests

- NETWORKING
- IMAGE PROCESSING

### 5. Publications, Patents & Research Contributions

- **Citation Metrics:**
  - h-index: 3
  - i10-index: 0
  - Total Citations: 13
- **Papers Published:**
  - **Conference Publications:**
    - National: 01
    - International: 03
  - **Journal Publications:**
    - Scopus/Web of Science Indexed: 04
    - UGC Care Listed:10
    - Other:
- **Books/Book Chapters Published:** 02
- **Patents (if any):** 02

- A system for secure clustering and data transmission in vehicular AD HOC network using weight evaluation ,PUBLISHED ,2023
- A system provided for attack resilient position based VANET protocol using ant colony optimization,PUBLISHED,2022
- **Grants Received:** *(Total Amount: [Currency and Amount])*
  - IOT based automated indoor vertical hydroponics farming, KSCST, 5000, 6MONTHS
  - Wireless Sensor Network Based Agricultural Monitoring System,KSCST, 5000, 6MONTHS
- **Ph.D. Guidance:**
  - Ongoing: 03
  - Completed: NIL

#### **6. Teaching & Courses *(Mention subjects taught)***

- Computer Networks
- Operating System
- Discrete Mathematical Structure
- Python Programming
- Data Structures
- System Software and Compiler Design
- Computer Graphics
- Microprocessor
- Wireless sensor networks
- Research Methodology
- Cloud Computing
- Cyber Security

#### **7. Awards & Recognitions *(If applicable)***

- **AWAED OF EXCELLANCE IN RESEARCH, NOVEL RESEARCH ACADEMY PUDUCHERRY,INDIA,2023**

#### **8. Professional Memberships & Collaborations *(If applicable)***

- **Member:** ISTE,IEEE,IEI,WIE
- **Collaborator:** NA

#### **9. Additional Information *(If applicable – Links to profiles, IDs, etc.)***

- **Google Scholar:** Z8inyDUAAAAJ&hl

- **ORCID ID:** <https://orcid.org/0000-0003-3637-6934>
- **ResearchGate:** Jyoti-R-Maranur-2225430569
- **LinkedIn:** <https://www.linkedin.com/in/jyoti-maranur-a7366b214>