

Faculty Profile Format

1. Basic Information

- **Name:** Dr. Sridevi M Hosmani
- **Designation:** Associate Professor
- **Department:** Computer science & Engineering
- **Email:** Sridevi.gecw@gmail.com



2. Academic Qualifications

- **Ph.D. :** [VTU, 2021]
- **Postgraduate (PG) – M.Tech :** [VTU, 2012]
- **Undergraduate (UG) – B.E:** [VTU, 2007]

3. Work Experience

- **Total Academic Experience:** 12 YRs
- **Industry Experience:** Nil

4. Research Interests

- Wireless Networks
- VANETs

5. Publications, Patents & Research Contributions

- **Citation Metrics:**
 - h-index: 03
 - i10-index: 02
 - Total Citations: 44
- **Papers Published:**
 - **Conference Publications:**
 - National: Nil
 - International: 21
 - **Journal Publications:**
 - Scopus/Web of Science Indexed: 09
 - UGC Care Listed: 12
 - Other: Nil
- **Books/Book Chapters Published:** Nil

- **Patents :05**

- A System for Secure Clustering and Data Transmission in Vehicular Ad Hoc Network using Weight Evaluation, Application No. 202241020085 A, Published 15/04/2022.
- A System Provided for Attack resilient Position Based Vanet Protocol Using Ant Colony Optimization, Application No. 202341015718 A, Published 09/03/2023.
- A Novel Hand Operated manual Seeder Machine for Peanut Seeding Process in Agriculture. Design No:6326234,UK Grant Date: 23/11/2023
- IoT Based Weather Monitoring Device for Weather Prediction. Application No: 402539-001.
- AI Based Wireless Electricity Consumption Monitoring Device. Application No: 402827-001.

- **Grants Received:**

- Sentiment Analysis for COVID-19 Twitter Dataset using ML, KSCST 45th series student Project Programme, Rs.5000, 3 Months
- Solar Energy Application for Villages, KSCST 46th series student Project Programme, Rs.4000, 3 Months
- Power Theft and Fault Detection Using IoT Technology, KSCST 47th series student Project Programme, Rs.6,5000, 3 Months

- **Ph.D. Guidance:**

- Ongoing: 02
- Completed: Nil

6. Teaching & Courses

- Machine Learning
- Deep Learning
- Natural Language Processing

7. Awards & Recognitions

- Research Excellence Award, Institute of Scholars, 2023
- Young Scientist Award-Institute of Researcher2023
- Young Researcher Award-Institute of Researcher,2023
- Jnana Sanjeevani Award- State Level Award by Shikshana Janana Newspaper,2023

8. Professional Memberships & Collaborations

1. Member of IEEE.

2. Life Member of ISTE.
3. Member of IAENG.
4. Premium Member of INSC- Institute of Scholars
5. Member of InRes- Institute of Researches

9. Additional Information

- **ORCID ID:** 000-0001-5762-8024
- **LinkedIn:** <https://in.linkedin.com/in/sridevi-hosmani>