



DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by
AICTE, New Delhi)

Opp. Art of Living, Udayapura, Kanakapura Road, Bangalore- 560082

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Accredited NBA, NAAC with A+, New Delhi

Faculty Name	SOWMYA S.R	
Academic Designation	ASSISTANT PROFESSOR	
Educational Qualification	BE, M- Tech(Ph.D.)	
Experience in Years	11 YEARS 6 MONTHS	
Area of Interest	Software Engineering, Data Analytics, Big data Information Forensics, Data Analytics And Big Data.	
Email ID	srs.is.08@gmail.com	

Educational Details

- Pursuing Doctoral program (PhD) in Data Engineering, Department of Computer Science.
- M-Tech: Software Engineering, AMC College of Engineering, VTU, 2012, FCD.
- B.E: Information Science and Engineering, Ghousia College Of Engineering, VTU, 2008, FCD

Personal Details

- Date of Birth: 08-06-1986
- Hobbies: Reading Books
- Languages Known: Kannada, English, Hindi

Professional Experience

- Worked as Assistant Professor in Department of Information Science and Engineering at Dayananda Sagar Academy Of Technology And Management from 14-07-2012 to till date.
- Worked as Lecturer in Department of Information Science and Engineering at Government Engineering college from 09-02-2009 to 21-07-2010.

Publications

International Journals:

- **Predictive Protection of heterogenous sensitive data**, International Journal of Research in engineering, Science and Management, Volume 5 issue 6 June 2022
- **Dynamic Scenarios Transformation in Software System Design using Zend Framework**, 21st International Conference on Multidisciplinary Research 30th March 2021 at Fairmont Makati, Philippines

- **Clustering Based Categorical Data Protection** International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-2S, December 2019 219 Published By: Blue Eyes Intelligence Engineering & Sciences Publication Retrieval Number: B11281292S19/2019©BEIESP DOI: 10.35940/ijitee.B1128.1292S19
- **Sowmya S.R, Supreetha Pai, “A survey on Social Media Analytics”**, Grenze Scientific Society, 2017

Conference Attended

International Conferences:

- **Clustering Based Categorical Data Protection : A Survey** in 3 International Conference On Data Engineering and Communication Systems held during 19th and 20th December - 2019.
- **Hand Gesture Recognition of Indian Sign Language using Image Processing** in 2018 State level Faculty Convention , Balki in 2018.
- **Sowmya S.R, Supreetha Pai, “Social Media Analytics using Text Mining”**, International Conference on Computer Science and technology allies in Research (ICCSTAR-2017) held during 11th and 12th May 2017.
- **Sowmya S.R, Supreetha Pai, “ A survey on Social Media Analytics”**, International Conference on Signal, Image processing Communication and Automation (ICSIPCA-2017),Mc Graw Hill held during 6th and 7th July 2017,pp:910-914.
- **Enhancing network capacity and throughput in data center networks** in 2012 international Conference on Computational Techniques and Artificial Intelligence (ICCTAI’2012) Penang, Malaysia – 212231
- **Determination of individual node location in under water sensor networks** in July 2012 international Conference VVCE Mysore.

National Conferences:

- **Localization through ARTL algorithm in large scale underwater wireless sensor networks** in 2011 National conference on “ Soft Computing and Intelligent Networks”.
- **Intrusion detection using artificial intelligence** in national level technical symposium – “advaya-2011”
- **Efficient and congestion aware subcarrier allocation in OFDMA based networks** in 2012 National Conference on “cloud computing and its application”.

Workshop Attended

- Participated in Workshop on NAAC Process in 2018, at Dayananda Sagar Academy of Technology and Management.
- Participated in Workshop on NBA Process in 2017, at Dayananda Sagar Academy of Technology and Management.
- Participated in Workshop on OBE Process in 2018, at Dayananda Sagar Academy of Technology and Management.
- Participated in hands on workshop and Faculty development program by RNSIT in 2014, RNSIT

Academic Activity

- Worked as *Cyber Security and Ethical hacking Center of Excellence In charge* at Department of ISE and DSATM,

- Worked as NAAC Criteria -5 institution level coordinator
- Worked as NBA Criteria -1 co-coordinator
- Worked as Alumni co-coordinator
- Worked as Process owner for ERP Alumni module.

Faculty Development Activity/Workshops

- Participated in **Faculty Immersion program on Pedagogical initiatives** in Feb 2022 in Dayananda Sagar Academy of Technology and management
- Participated in 1 Week FDP on **“Computer Vision using Python” in association with TEQIP**, at National Institute of Engineering in June 2020
- Participated in Webinar on **Atal Incubation Centre - Jyothi Institute Of Technology Foundation** on 13.06.2020
- Participated in Webinar on **Funding Opportunities for Product Development** on 19.06.2020
- Participated in **Faculty development program on Big data analytics** in Jan 2019 in Dayananda Sagar University
- Participated in **Workshop on NAAC Process** in 2018, at Dayananda Sagar Academy of Technology and Management
- Participated in **Faculty development program on Teaching Learning Process** in 2018, Dayananda Sagar Academy of Technology and Management
- Participated in **Faculty development program on Data Science using Python** in 2018 at Dayananda Sagar Academy of Technology and Management
- Participated in **Workshop on NBA Process** in 2017, at Dayananda Sagar Academy of Technology and Management
- Participated in **Workshop on OBE Process** in 2018, at Dayananda Sagar Academy of Technology and Management
- Participated in **workshop and Faculty development program** by RNSIT in 2014, RNSIT
- Participated in **Faculty development program** in 2014, Dayananda Sagar College of Engineering
- Participated in **Faculty development program by CIL** in 2013, Dayananda Sagar Academy of Technology and Management
- Participated in **Faculty development program on Cisco networks and cyber securities** in 2013, Dayananda Sagar Academy of Technology and Management.

Contact Details

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