




**DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT**  
22 Mile, B.M Kaval, Udayapura, Kanakapura Road, Bangalore-560082.

**DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING**

|                           |                               |   |
|---------------------------|-------------------------------|---|
| Faculty Name              | Anusha Preetham               |  |
| Designation               | Assistant Professor           |   |
| Educational Qualification | (Ph.D), M.Tech., B.E.         |   |
| Experience in Years       | 5                             |   |
| Area of Interest          | Image Processing, Data Mining |   |
| Email ID                  | anushapreetham@dsatm.edu.in   |   |

**Educational Details**

**Ph.D:** Completed Comprehensive Viva, Image Processing, VTU, SDMCET, Dharwad

**M.Tech. :** CSE, VTU, SDMCET, Dharwad, 2013, FCD

**B.E. :** CSE, VTU, SDMIT, Ujire, 2011, FC

**Personal Details**

- Date of Birth: 06-03-1990
- Hobbies: Reading
- Languages Known: English, Kannada, Hindi, Tulu

**Professional Experience**

1. Currently working as Assistant Professor in the Department of Information Science and Engineering, Dayananda Sagar Academy of Technology and Management, Bengaluru from July 27<sup>th</sup>, 2016 till date.
2. Worked as Assistant Professor in the Department of Computer Science and Engineering, SDM Institute of Technology, Ujire, from July 2013 to June 2016.
3. Teaching Assistantship under TEQIP 1.2 P.G Assistantship Scheme at SDMCET, Dharwad from March 2013- July 2013.

**Publications**

**International Journals:**

- Anusha Rao, Akash Konnur, “**Street Light Automation System using Arduino UNO**”, published in International Journal of Innovative Research in Computer & Communication Engineering. Impact factor: 6.577. Vol 5, Issue 11, Nov 2017.
- Anusha Rao, S.B. Kulkarni, “**Markov Random Field Classification technique for Plant leaf disease detection**”, published in *International Journal of Computer Aided Engineering and Technology (IJCAET)*, Inderscience Publishers. [Accepted. Yet to come online]
- Anusha Rao, S.B. Kulkarni, “**Combined Approach of Image Enhancement and Wavelet Feature Extraction for Plant Leaf Classification**”, published in *Greenz Journal Publication*. Grenze ID:02.MH-ICSIPCA.2017.1.3 Page: 10-17. ISBN: 978-93-526079-8-3
- Anusha G Rao, Dr. S. B. Kulkarni, B. RaghavendraRao, Dr. Shadaksharappa,

**“Computer Vision and Machine Vision Techniques for assessing quality of food products – A Review”**, published in *International Journal of Software Engineering and Soft Computing [IJSESC]*. ISSN 2250-1045 Pp. 17-19. Nov 2015.

- Anusha Rao, Akash Konnur, **“Low budget electronic voting machine- an electronic marvel using DFA model”**, published in *International Journal of Emerging Technology and Advanced Engineering*, ISSN 2250–2459(Online).

#### Conferences:

- **“A comparison-Free sorting algorithm with an Improved Time complexity”** at 10<sup>th</sup> National Conference on “Advances in Information Technology”, held on 9<sup>th</sup> May, 2018, organized by Dept of ISE, SJBIT, Bengaluru.
- **“A new modified sorting algorithm: A comparison with state of the Art”**, at 4<sup>th</sup> National conference on advancements in Information Technology, NCAIT-2018 held at Dept of ISE, JSSATEB, Bangalore on 7<sup>th</sup> May, 2018.
- Presented paper titled **“An improved technique of Plant Leaf Classification using hybrid feature modeling** in *IEEE-International Conference in Innovative Mechanism for Industry Applications (ICIMIA 2017)* conducted by Dayananda Sagar College of Engineering, Bengaluru from 21<sup>st</sup> to 23<sup>rd</sup> Feb 2017. DOI: 10.1109/ICIMIA.2017.7975579
- Presented paper titled **“Combined Approach of Image Enhancement and Wavelet Feature Extraction for Plant Leaf Classification”** in *McGraw-Hill International Conference on Signal, Image Processing Communication and Automation*, conducted by JSSATE, Bengaluru from 6<sup>th</sup> July – 7<sup>th</sup> July, 2017.
- Presented the paper titled **“Hybrid model of feature extraction for Plant Leaf Classification”** at *International Conference on Circuits, Controls, Communication and Computing (I4C-2016)* held during 4<sup>th</sup> – 6<sup>th</sup> October 2016 at MSRIT, Bangalore.
- Presented a paper on **“Techniques for Quality assessment of food products”** in *National Conference on Computational Simulation & its Applications*, at Sri SaiRam college of Engineering, Bangalore.2015

#### Faculty Development Activity

- Participated in 5-days FDP on **Data Science using Python -2018. At DSATM** from 8<sup>th</sup> to 12<sup>th</sup> Jan, 2018.
- Participated in 3 Days **NBA workshop-2017** held on 11<sup>th</sup>-13<sup>th</sup> Dec, 2017 at DSATM, Bengaluru.
- Participated in **ISTE faculty convention**, conducted at Dayananda Sagar College of Engineering on 9<sup>th</sup> Dec, 2017. ISTE 20<sup>th</sup> state level faculty convention.
- Participated in One Week Faculty Development Program on **“OOP with Java for DAA Lab & ARM Microcontroller Programming”** organized by Department of Information Science & Engineering, Jyothi Institute of Technology in association with Advanced Electronics Systems from 16th to 21st Jan 2017.
- Attended 4-days workshop on **“Cloud Computing and Big Data”** Conducted by ISE Dept, **SDMCET Sponsored by VTU-VGST** in association with “BITES” from Jun 27-30, 2015
- Participated in a Two-week ISTE STTP on Introduction to Design of Algorithms conducted by **Indian Institute of Technology Kharagpur(IIT-K)** from 27th April to 30th May, 2015
- Attended “Engineering Faculty Workshop” called MISSION 10X conducted by WIPRO at **SDMIT, Ujire** from 10th to 12th March 2015
- FDP on “Research Trends on Digital Image Processing and Hands-on” conducted at **Don-Bosco Institute of Technology** from 20th January to 24th January 2015.
- FDP on Entrepreneurship for Academician conducted at **SDMIT, Ujire** from 15th to

27th December 2014.

- Participated in a Two-week ISTE WORKSHOP on COMPUTER PROGRAMMING conducted by **Indian Institute of Technology, Bombay (IIT-B)** from May 20th to June 21st, 2014.
- Two days' workshop on "NETWORK SECURITY" sponsored by TEQIP 1.2 organised by Information Science and Engineering, **SDMCET, Dharwad**, held on 28th Feb and 1st March, 2014.
- Participated in Two-week ISTE Workshop on "Database Management Systems" Conducted by **Indian Institute of Technology, Bombay (IIT-B)** from 21st -31st May, 2013.
- Participated in the 3days workshop on "Research Trends Data mining", 4th -6th April, 2013 at **SDM College of Eng. & Technology, Dharwad**.
- Delivered Invited Talk on "WEKA –The Data Mining Tool" at the 3 days' Workshop on "Research Trends in Data Mining" held on April 4, 2013 at **SDM College of Engg. & Technology, Dharwad**.
- Completed the course "**J2EE [XML, SERVLET, JSP, EJB, JMS]**" of duration 3 months during the month of Nov-Jan in the year 2012-13 and obtained A grade. Dharwad.
- Completed the course "**Core Java**" of duration 3 months during the month of Aug-Oct in the year 2012 and obtained A grade. Dharwad.
- Participated in One day work shop on "Digital Image processing Using MATLAB", 15th December 2011 at **SDMCET, Dharwad**.

### Professional Membership

- LIFE MEMBER of Indian Society for Technical Education. M. No: LM 118341

### Contact Details

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Bengaluru-560082  
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Phone No.: **9886869490**

### My Vision

To work in challenging, competitive environment & hence to prove myself in the field of technology & to attain optimum perfection for the development of institution as well as my career.