




Faculty Name	SHREENIDHI B S	
Academic Designation	Assistant Professor	
Educational Qualification	BE, M. Tech,(Ph.D)	
Experience in Years	10.7	
Area of Interest	Image Processing	
Date of Birth	13-06-1989	
Email ID	shreenidhibs@dsatm.edu.in deepushreenidhi@gmail.com	

### Educational Details

- Ph. D - Pursuing in VTU
- M.Tech in Dayananda Sagar College of Engineering, Bangalore under VTU Belgaum 2013.
- B.E in Dayananda Sagar College of Engineering, Bangalore under VTU Belgaum 2011.

### Personal Details

- Date of Birth:13/06/1989
- Hobbies: Traveling
- Languages Known: English & Kannada

### Professional Experience

- Working as Assistant professor in Dept. of CSE at DSATM from August 2013 to present.

### Publications

#### International Journals:

1. Manjunath S S, **Shreenidhi B S**, Nagaraja J, Pradeep.B. S, “Morphological Spot Detection and Analysis for Microarray Images”, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-2, Issue-5, April **2013**
2. **Shreenidhi B.S**, Monisha R, Ravishankar BP, Shylaja N, Suhail Ahmed Shariff, “Patient Remote Monitoring System using IOT and ML with Mobile App”, INTERNATIONAL JOURNAL OF ADVANCE RESEARCH AND INNOVATIVE IDEAS IN EDUCATION(IJARIIE)-ISSN(O)-2395-4396, Vol-7 Issue-4 **2021**
3. **Shreenidhi B.S**, Monisha R, Ravishankar BP, Shylaja N, Suhail Ahmed Shariff, “Patient Remote Monitoring System using IOT and ML”, INTERNATIONAL JOURNAL OF ADVANCE RESEARCH AND INNOVATIVE IDEAS IN EDUCATION (IJARIIE)-ISSN(O)-2395-4396, Vol-7 Issue-4 **2021**

4. **Shreenidhi B S**, Mohammed Zaid Hulikatti, Nafey A H, Neha M R, Shradha S, “CYBERBULLYING DETECTION USING MACHINE LEARNING”, International Journal of Creative Research Thoughts (IJCRT), IJCRT2204384, Volume 10 | Issue 4 | April **2022**.
5. **Shreenidhi B S**, Harshitha P, Pradeep R, M Srijeimathy, Raksha M, “TRAFFIC SIGN RECOGNATION USING MACHINE LEARNING”, International Journal of Creative Research Thoughts (IJCRT), IJCRT2204540, Volume 10 | Issue 4 | April **2022**.
6. Khaja Moinudeen A K, Kruthik J, Madhu Sudhan S, Mohammed Saif, Mr. **Shreenidhi B S**”, Driver Behavioural Detection & Alert System”, International Journal of Scientific Research in Engineering and Management (IJSREM), Volume: 07 Issue: 01 | January - 2023 Impact Factor: 7.185 ISSN: 2582-3930.
7. Preetham HK1, Prince Kumar 2, Prajwal R3, Naveen Kumar4, **Shreenidhi B S**, “Cricket Score Prediction Using Machine Learning”, International Journal of Research and Analytical Reviews (IJRAR), Volume 10, Issue 2, May 2023, E-ISSN 2348-1269, P- ISSN 2349-5138.
8. Khaja Moinudeen A K, Kruthik J, Madhu Sudhan S, Mohammed Saif, Mr. **Shreenidhi B S**”, Driver Behavioural Detection & Alert System”, International Journal of Scientific Research in Engineering and Management (IJSREM), Volume: 07 Issue: 05 | May - 2023 Impact Factor: 8.176 ISSN: 2582-3930.
9. **Shreenidhi B S**, Dr. Saravana Kumar, “Microarray image enhancement techniques by denoising: Current status and future directions”, International Journal of Natural Sciences Research 2023 Vol. 11, No. 1, pp. 44-51 ISSN(e): 2311-4746 ISSN(p): 2311-7435 DOI: 10.18488/63.v11i1.3393 © 2023 Conscientia Beam.
10. **Shreenidhi B S**, Jahnvi R, Keerthi Raju L, N C Shreedevi, Nitesh M A “Gender And Age Prediction Using Face Recognition”, International Journal Of Innovative Research In Technology, January 2024| IJIRT | Volume 10 Issue 8 | ISSN: 2349-6002.
11. **Shreenidhi B S**, Jigyasa Mangal, Kashish Mehta, Keerthana R, Parnika Aravind, “Chronic Diseases Detection System”, 2024 IJCRT | Volume 12, Issue 1 January 2024 | ISSN: 2320-2882

#### **International Conferences:**

- **Shreenidhi B S**, Dr. Saravana Kumar, Anoop G L,” Application of Morphological Convolution for Spot Detection and Analysis of Microarray Image”, 3rd International Conference on Technical Advancement in Computer Science ISBN: 978-93-83038-53-4. 2<sup>nd</sup> & 3<sup>rd</sup> Feb 2018

#### **National Conferences:**

- **Shreenidhi B S**, Sumanth Reddy, Niroop, M Pallavi K Murthy, Shilpa R, Varsha Nagar. “Security in Medical Sensor Networks”. National Conference on Green Computing Technologies, NCGCT-2015, DSATM College, Bangalore, **7<sup>th</sup> May 2015**, ISBN:978-93-84935-31-3.
- **Shreenidhi B S**, Rekha V S, Chaitra C, Keerthi K Rao M, Laxmi M Patil, Pallavi M. “An Efficient Energy Saving Routing Algorithm with Sleep Mode mechanism to prolong the lifetime of WSNs”. National conference on convergence of science, technology and management NCCSTM-2016 held on 5<sup>th</sup> May 2016 at DSATM College, Bangalore, ISBN: 978-93-84935-s97-9
- **Shreenidhi B S**, Sai Surender, Sriraksha, Sumithra, Veera Reema, “An efficient automatic technique for improving accuracy in segmentation of microarray images “,

Third National Conference on Convergence of Science, Technology & Management held on 19<sup>th</sup> May 2017 at DSATM College, Bangalore. ISBN: 978-93-85682-48-3

- **Shreenidhi B S**, Mayank Chaudhary, Omaiz Ahmed, Shubham Kumar, Shivam Kumar, “Video Recommendation Using Rich Contents From Videos”, National Conference on Green Computing Technologies, NCGCT-2020, DSATM College, Bangalore,

### Academic Activity

- iSPOC Main Coordinator-ERP
- NAAC Coordinator
- Department ERP Coordinator
- VTU Portal Department Coordinator
- Web Coordinator
- Time Table Coordinator
- Scholarship Coordinator

### Faculty Development Activity/Workshops

#### FACULTY DEVELOPMENT ACTIVITY:

1. Participated in 5-Day Faculty Development program on “Big Data Analytics “organized by Dept. of Information Science, SJBIT, Bangalore, from 27<sup>th</sup> to 31<sup>st</sup> January 2014.
2. Participated in 2-Day Faculty Development program on “Programming in C and Data Structure”, held at RNSIT, Bangalore on July 24-25 2014.
3. Participated in 2 – Day Faculty Development program on “Image Processing and Pattern Recognition Techniques for Research Problem “held at DSATM, Bangalore on 27th - 28th January 2016.
4. Participated in 5-Day Faculty Development program on “Big Data analysis using Hadoop” held at DSU, Bangalore on 16<sup>th</sup> to 20<sup>th</sup> January 2019
5. Participated in 3-Day Faculty Development program on “Data Science Analysis” held at SJBIT, Bangalore on 22<sup>nd</sup> to 24<sup>th</sup> January 2019.
6. Participated in 3-Day Faculty Development program on “Research Methodology” held at DSATM, Bangalore on 21st to 23<sup>rd</sup> February 2019
7. Participated in 5-Day Faculty Development program on “Machine Learning and Deep Learning with H2O.AI” held at DSATM, Bangalore on 28<sup>th</sup> January to 1<sup>st</sup> February 2020
8. Participated in 3-Day Faculty Development program on “Microcontroller and Embedded system Lab 18CSL48” held at DSATM on Feb 6<sup>th</sup> to 8<sup>th</sup> 2020.
9. Participated in 5-Day Faculty Development (Webinar) program on “Research Focus on Computer Science” held at DSATM on 8<sup>th</sup> June to 12<sup>th</sup> June 2020.
10. Participated in 5-Day Faculty Development (Webinar) program on “A DevOps approach: Docker in Blockchain” held at AMC, Bangalore on 17<sup>th</sup> to 21<sup>st</sup> June 2020.
11. Participated in 15 Day Faculty Development (Webinar) program on “Basic Computer Vision with Python” held at NIE, Mysore on 16<sup>th</sup> to 20<sup>th</sup> June 2020.
12. Participated in 1-Week Online Faculty Development program on “Exemplary Practices in Teaching -Learning and Evaluation of Courses in Computer Science & Information Technology” from August 3<sup>rd</sup> to 7<sup>th</sup> 2020 jointly organized by VTU PG Studies Kalaburagi and IIIT Allahabad.
13. Participated in 3-Day National Level Faculty Development program on “Mobile Application Development” held at DSATM on March 22<sup>nd</sup> to 24<sup>th</sup> 2021.
14. Participated in online 5-Day Faculty Development Program on “Smart Cities” from 18<sup>th</sup> to 22<sup>nd</sup> January 2021 at DSATM by ATAL.
15. Participated in 4-Day Faculty Immersion program [FIP] on “Pedagogical Approaches” held from 8<sup>th</sup> to 12<sup>th</sup> April 2022 at DSATM.
16. Participated in 12-Week Faculty Development Program on “Problem Solving through Programming in C” through Online NPTEL from Jan- April 2022.

17. Participated in 4-Week Faculty Development Program on “Outcome Based Pedagogic Principles for Effective Teaching” through Online NPTEL from Feb-Mar 2023.
18. Participated in 12-Week Faculty Development Program on “The Joy of Computing Using Python” through Online NPTEL from Jul-Oct 2023.
19. Participated in 5-Week Faculty Development Program on, “Outcome Based Education” from 25<sup>th</sup> to 30<sup>th</sup> September 2023 in RVITM, Bangalore.
20. Participated in ISTE Approved Short -Term Training Program on, “Gray Box Probing Generative AI” from 8<sup>th</sup> to 13<sup>th</sup> Jan 2024 through online organized by Dept of CSE, Agnel Charities Fr. C Rodrigues Institute of Technology, Vashi, Mumbai.
21. Participated in 7-Week Online Faculty Development Program on "Latest Trend and Techniques in Software Engineering: An Industry Perspective" organized by the Department of Computer Science, CHRIST (Deemed to be University), Bangalore during 20th - 27th January 2024.

#### **WORKSHOPS:**

1. Participated in Two Day workshop on “Research Methodology “, held at Cambridge Institute of Technology, Bangalore during 21<sup>st</sup> and 22<sup>nd</sup> October 2016.
2. Participated in Six Day workshop on “Machin Learning with python and R-Tool “, organized by Dept. of Computer Science, SJBIT, Bangalore, from 16<sup>th</sup> to 21<sup>st</sup> January 2017.
3. Participated in 3-Day NBA Workshop held at DASTM, Bangalore on 11<sup>th</sup> -13<sup>th</sup> December 2017.
4. Participated in 3-Day online workshop on “LATEX” held from 29<sup>th</sup> June to 1<sup>st</sup> July 2020 at AMC Engineering College, Bangalore.

#### **Certification Course:**

1. Completed NI LabView Core 1& Core 2 Course from 8<sup>th</sup> to 13<sup>th</sup> June 2018 at DSATM, Bangalore.
2. Completed NI LabView Data Acquisition using myDAQ from 26<sup>th</sup> to 31<sup>st</sup> July 2018 at DSATM, Bangalore.
3. Participated 5-day workshop on NI LabView myRIO from 13<sup>th</sup> to 17<sup>th</sup> October 2018 at DSATM, Bangalore.
4. Completed “Python Fundamentals” on Dec 19<sup>th</sup> 2019 in UDEMY.
5. Completed “Fundamentals of the C Programming Language” on Dec 16<sup>th</sup> 2019 in UDEMY
6. Completed “Data structure and Algorithms: Deep Dive Using JAVA”, on Sept 29<sup>th</sup> 2022 in UDEMY.
7. Completed “Python for Beginners” on Sept 19<sup>th</sup> 2021 in UDEMY.
8. Completed “Problem Solving Through Programming in C” on Jan 2022 in NPTEL
9. Completed “Python 101 for Data Science” on 13<sup>th</sup> Sept 2022 in IBM SkillBuild
10. Completed “Outcome Based Pedagogic Principles for Effective Teaching” on Feb-Mar 2023 in NPTEL.
11. Completed “Python 101 for Data Science” on 13<sup>th</sup> Sept 2022 in IBM SkillBuild
12. Completed “The Joy of Computing Using Python” through Online NPTEL from Jul-Oct 2023.

#### **Contact Details**

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