



Name: Brunda S

Title: Assistant Professor

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Brunda S is an Assistant Professor in the Department of Computer Science and Engineering. She completed her BE in Computer Science and Engineering at Vidya Vardhaka College of Engineering, Mysuru and Master of Technology in Computer Network Engineering at The National Institute of Engineering, Mysuru from VTU, Belagavi. Her research interest are Image Forensic and Computer Vision. She is currently pursuing her Doctoral Degree in JSS S&T University.

## BIO-DATA

<b>Name</b>	BRUNDA S
<b>Father's Name</b>	Siddaraju S
<b>Blood Group</b>	B +ve
<b>Date of Birth</b>	13-09-1975
<b>Designation</b>	Assistant Professor
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<b>Residential Address</b>	#1014,Sharada Nagara ,Railway Layout, Bogadi, Mysuru – 570 026
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### Educational Qualifications:

<b>Course/Degree</b>	<b>Branch</b>	<b>University/Board</b>	<b>Class obtained</b>	<b>Institution</b>	<b>Year of Passing</b>
Ph.D	Computer Science and Engineering	JSSSTU, Mysuru	Pursuing	JSSSTU, Mysur	Pursuing
M.E/ M.Tech	Computer Network Engineering	VTU, Belgaum	8.39 CGPA	The National Institute of Engineering, Mysore	2012
B.E/ B.Tech	Computer Science and Engineering	VTU, Belgaum	First Class with Distinction	Vidya Vardhaka college of Engineering, Mysore	2002
Three Years Diploma	Computer Science and Engineering	BOARD OF TECHNICAL EXAMINATION	Second Class	JSS Women's Polytechnic, Mysore	1995

**Teaching experience (No. of Years):** 18

**Industrial experience (No. of Years):** NIL

**Number of Projects guided both in UG and PG:** 30 (UG) & 08 (PG)

**Number of Ph. Ds guided and guiding at present:** NIL

**Present Designation:** Assistant Professor

**Subjects Taught:**

- Problem Solving using ‘C’
- Unix and Shell Programming
- Data Structures
- Design and Analysis of Algorithms
- Unix System Programming
- Web Technologies
- Object-Oriented Programming using C++
- Principles of Programming Languages.
- File Structures
- Object-Oriented Programming using Java
- Discrete Mathematical Structures.

**Publications:**

1. Apoorva Kamath, **Prof. Brunda S**, K L Westbenson, Shubham Sharma, Niraj Sinam “SUMMARIZATION OF CCTV VIDEOS USING KNN CLASSIFIER” ,Journal of Emerging Technologies and Innovative Research (JETIR), (ISSN-2349-5162), JETIR June 2021, Volume 8, Issue 6
2. **S Brunda**, Varun G R, Vijeth, Jithendra S R, Mohammed Shadab, “Kannada Text Recognition in Scene Images using Two-Stage Convolutional Neural Networks”, Pramana Research Journal, ISSN NO: 2249-2976, Volume 11, Issue 6, 2021
3. **S Brunda**, Nimish L,Chiranthan S ,Arbaaz Khan, “Crop Price prediction using Random Forest and Decision Tree Regression”, International Research Journal of Engineering and Technology (IRJET), e-ISSN:2395-0056 , p-ISSN:2395-0072, Volume:07 Issue:09 ,September 2020.

4. Varuni R J, **S Brunda**, “A Student Advising System using Data Science Techniques” International Research Journal of Engineering and Technology(IRJET),e-ISSN:2395-0056 , p-ISSN:2395-0072, Volume:07 Issue:09 ,September 2020.
5. **Brunda S**, Anjana D K, “Big Data Analytics In Supplier Chain Management-A Literature Review” International Journal of Research, Available at <https://edupediapublications.org/journals>, p-I SSN: 2348-6848, e-I SSN: 2348-795X, Volume 04 Issue 08, Jul y 2017.
6. Anjaneya Bulla, **Brunda S**, “ A Study: Automation Technique Using Selenium Webdriver” International Journal of Research, Available at <https://edupediapublications.org/journals>, p-I SSN: 2348-6848, e-I SSN: 2348-795X, Volume 03 Issue 10, Jul y 2016
7. Aman Kumar, **Brunda S**, “Design and Implementation of Multicasting in OpenStack cloud computing software platform”, International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE) ISSN: 0976-1353 Volume 16 Issue 1 –JUNE 2015.

#### **List of workshops/Seminars/Webinars attended during 2021**

1. One-week AICTE Training and Learning (ATAL) Academy sponsored online FDP on “Best Teaching-Learning and Assessment Practices in Computer Science /Information Technology based on National Education Policy (NEP)”, from 5th to 9th July, 2021 organized by the Department of Information Science and Engineering, SJCE, Mysuru and IIT Allahabad.
2. One-week online Management Development programme "Professional Development Training" for TEQIP Institutions held January 25th-30th, 2021 organized by IIM KOZHIKODE.

#### **List of workshops/Seminars/Webinars attended during 2019-2020**

1. One-week AICTE Training And Learning (ATAL) Academy Online FDP on "Computer Vision and Pattern Recognition: Challenges and Opportunities" from 2020-9-21 to 2020-9-25 at Sri Jayachamarajendra College of Engineering.
2. One-week AICTE Training And Learning (ATAL) Academy Online FDP on "Leadership & Excellence" from 2020-8-31 to 2020-9-4 at GOVERNMENT POLYTECHNIC, HARAPANAHALLI.

3. Three days National webinar/video workshop on “Transforming Pedagogy in India” held during 1st to 3rd August 2020 organized by NIT JAMSHEDPUR.
4. One Week online FDP on “Cyber-Security:Ways to safeguard everyone from Cybercrime” from 3rd to 7th August, at SJCE conducted by Department of Biotechnology.
5. Two Weeks online FDP on “ Managing Online Classes and Co-Creating MOOCs 3.0” from 25 July to 10th August 2020 at Teaching Learning Center, Ramanujan College, University of Delhi, Sponsored by MHRD.
6. Two Weeks online FDP on “ Advanced Concepts for Developing MOOCs” from 2nd July to 17th July 2020 at Teaching Learning Center, Ramanujan College, University of Delhi, Sponsored by MHRD.
7. One Week Online Faculty Development Program on “Research Avenues in Healthcare Technology” organized by the Department of Electronics and Instrumentation during 21st to 25th of July 2020 under TEQIP Phase III.
8. One Week online FDP on “Deep Learning and Natural Language Processing using Modern Tools” from 21st July to 25th July at Bangalore Institute of Technology, Bangalore
9. Two weeks online FDP on “ PYTHON” organized by Dept., of E&C ,JSS Academy of Technical Education, Noida and IIT Bombay funded by National Mission on Education through ICT MHRD, Govt of India from 22nd June to 5th June 2020.
10. Webinar on “DATA BITE” organized by Department of Computer Science and Engineering, BLDEA’s V.P. Dr. P.G. Halakatti College of Engineering and Technology, Vijaypur, Karnataka on 20th June 2020
11. Webinar on “Software Quality” on 18th July 2020, organized by BLDEA’s V.P. Dr. P.G. Halakatti College of Engineering and Technology, Vijaypur,karnataka
12. Webinar on “machine Learning with Python and Cloud Deployment” On 19th June 2020 Organized by Dept., of CS&E, ZEAL College of Engineering and Research , PUNE
13. Two Weeks course on “ Digital Transformation in Teaching Learning Process” From 6th to 22nd April 2020 organized by IIT Bombay under TEQIP-3

### **List of workshops attended during 2018-2019**

1. Two days Seminar on “**Industry Institution Interaction and Research Meet in the area of Electronics and Instrumentation engineering and Health care Engineering**” from 26<sup>th</sup> to 27<sup>th</sup> April 2019. Organized by the department of Electronics and Instrumentation, Sri Jayachamarajendra College of Engineering, Mysuru sponsored by TEQIP Phase III.
2. One week Summer School on “**Machine Learning**” from 08<sup>th</sup> to 13<sup>th</sup> July 2019, organized at IIT Hyderabad.

### **List of workshops attended during 2017-18**

1. One day National level workshop on “**Cyber Security and Forensics : Real-Time Challenges**” on 2<sup>nd</sup> July 2018, organized by the department of computer science and engineering, at Sri Jayachamarajendra College of Engineering, Mysuru sponsored by TEQIP Phase III.
2. Three days’ workshop on “**Foundation Course on Data Analytics and Learning**” organized by the department of Information Science and Engineering, held at Sri Jayachamarajendra College of Engineering, Mysuru, 05<sup>th</sup> to 7<sup>th</sup> July 2018 sponsored by TEQIP Phase III.
3. Two days International Conference on “**Data Analytics & Learning 2018 [Dal ‘18]**” held at the Department of Studies in Computer Science, University of Mysore, Mysuru from 30<sup>th</sup> to 31<sup>st</sup> March 2018.
4. Two Week GAIN course entitled “**Theoretical and Practical aspects of the Industrial internet of Things**” From 5<sup>th</sup> to 16<sup>th</sup> February 2018 held at Sri Jayachamarajendra College of Engineering, Mysuru .
5. Two Week Faculty Development Program on “ **Advances in Image Processing and Computer Vision Applications using Python and OpenCV**” organized by Department of Electronics and Communication Engineering, Kalpataru Institute of Technology, Tiptur from 11<sup>th</sup> to 23<sup>rd</sup> December 2017.
6. Two days’ workshop on “**Research Methodologies**” organized by JSSS&T U, Mysuru from 18<sup>th</sup> to 19<sup>th</sup> November 2017

### List of workshops/FDPs attended during June 2016 to August 2017

1. Two weeks Faculty Development Programme on “**Advances in Image Processing and Computer Vision Applications using Python and OpenCV**” organized by the Department of Electronics and Communication Engineering , Kalpataru Institute of Technology, Tiptur from 11<sup>th</sup> December to 23<sup>th</sup> December 2017 sponsored by AICTE
2. One Week Workshop on “**Programming Raspberry Pi Using Python**” organized by the Department of Instrumentation Technology ,Sri Jayachamarajendra College of Engineering, Mysuru from 25<sup>th</sup> to 29<sup>th</sup> January 2017 sponsored by TEQIP-II
3. One week Faculty Development programme on “**Internet of Things(IOT) and Its Applications**” organized by Department of Electronics and Communication Engineering, Sri Jayachamarajendra College of Engineering, Mysuru from 8<sup>th</sup> September 2016 to 12<sup>th</sup> September 2016 sponsored by TEQIP-II
4. Attended a special lecture on “**How to do a Good Ph.D?**” on August 10<sup>th</sup> 2016, organized as a part of Second International Conference on “ **Cognitive Computing and Information Processing(CCIP-2016)** at Sri Jayachamarajendra College of Engineering, Mysuru
5. Two days’ Faculty Development Programme on “**Research Avenues in Biometrics and Forensic Science**” organized by Department of Instrumentation Technology and Department of Master of Computer Applications at Sri Jayachamarajendra College of Engineering, Mysuru from 24<sup>th</sup> June 2016 to 25<sup>th</sup> June 2016 sponsored by TEQIP-II
6. One Week TEQIP-II sponsored workshop on “**Digital Image Processing: Basics to Recent Trends**”, organized by Department of Computer Science and Engineering, Sri Jayachamarajendra College of Engineering, Mysuru from 13<sup>th</sup> June 2016 to 17<sup>th</sup> June 2016.
7. Six Day TEQIP-II workshop on “**Pedagogy of Instructional Design and Delivery System**”, at Sri Jayachamarajendra College of Engineering, Mysuru from 03<sup>th</sup> May 2016 to 4<sup>th</sup> June 2016.
8. Five Day Faculty Development Program on “**Recent Trends in Biomedical Signal and Image Processing**”, under TEQIP-II, organized by Department of Instrumentation Technology, Sri Jayachamarajendra College of Engineering, Mysuru from 10<sup>th</sup> March 2016 to 14<sup>th</sup> March 2016.

9. Five Days Hands-on course on “*FPGA and ASIC Design*”, under TEQIP-II organized by Department of Electronics and Communication Engineering, Sri Jayachamarajendra College of Engineering, Mysuru from 28<sup>th</sup> December 2015 to 1st January 2016.
10. Two Day workshop on “*Enterprise Application Development*”, conducted by the Department of Computer Science and Engineering, Sri Jayachamarajendra College of Engineering, Mysuru on 6<sup>th</sup> and 7<sup>th</sup> July 2015.
11. One Week TEQIP-II sponsored workshop on “*Current Trends in Digital Image Processing Techniques and Applications*”, organized by Computer Science Division and Department of Electronics and Communication engineering , The National Institute of Engineering, Mysuru from 27<sup>th</sup> to 31<sup>st</sup> July 2015.

**Other Activities:**

1. Member of the Institute Grievance Redressal Committee.
2. Department Time Table Coordinator from 2016 to 18
3. Department Test Time Table Coordinator from 2018-19 and 2019-20
4. Department TEQIP Coordinator from 2019 -2021