

BIO DATA

1. General Information:

Name: Sujata Desai

Designation: Assistant Professor

Experience in Teaching: 20 years

Office address: Department of Computer Science and Engineering BLDEA's Dr. P.G. H. College of Engineering and Technology, Bijapur 586103, Karnataka, India.

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2. Educational Qualifications:

- M.Tech in Computer Science, Visvesvaraya Technological University, Belgaum, during the year 2002-03
- B.E in Computer Science, Gulbarga University, during the year 1995-96

3. Area of Interest: Image processing , Pattern recognition , Compiler Design

4. Workshop/ FDP/ Seminar/ Tutorial Attended:

1. Two days workshop on “ Pattern Recognition and Image processing at Dept. of Computer science and Engineering, KBN College of Engineering and Technology, Gulbarga during 15-16 May 2006.
2. Two days “IBM Faculty Development Program” at Dept. of Computer science and Engineering, BLDEAS College of Engineering and Technology, Bijapur during 2-3 May 2008.
3. Two days workshop on “ Compiler Design” at Vivekananda Institute of Technology, Bangalore, during 19-20 February 2009.
4. Four days workshop on “ Computer Graphics and Visualization” Organized by Dept. of Computer science and Engineering and Information Science and Engineering, RNS Institute of Technology, Bangalore during 28-31 January 2009.
5. One day workshop on “ “Art of writing a Technical paper,its Publication” and “ Emotional Engineering”A.G.Patil College of Engineering and Technology, Solapur during 6th September 2010..

6. Three days workshop on “ Aerospace Science and Technologies” Organized by CSIR- National Aerospace Laboratories, Bangalore and BLDEA’s College of Engineering and Technology, Bijapur, during 19-21 February 2010.
7. 5 days Faculty Development program “Mission 10X” organized by WIPRO, Bangalore at BLDEA’s V.P Dr. P G Halakatti College of Engineering and Technology Bijapur During 15th to 19th march 2011.
8. 3 days workshop on “ LaTeX and its Pratical Approach” at Dept. of Computer science and Engineering, BLDEA’s V.P.Dr.P.G.Halakatti College of Engineering and Technology, Bijapur during 5-6 May 2012.
9. One day Seminar on “Recent Advances in Computer Applications” at Dept. of Computer science, Karnataka State Women’s University, Bijapur, on 27th February 2013.
10. One day workshop on “SHE- Sthree Holistic Empowerment” at Dept. of Computer science and Engineering, BLDEA’s V.P.Dr.P.G.Halakatti College of Engineering and Technology, Bijapur on 16th March 2013.
11. One day workshop on “ Intellectual Property Rights” organized by Dept. of Industries and Commerce, Government of Karnataka and BLDEA’s College of Engineering and Technology, Bijapur during 26th August 2014.
12. Two days Faculty Development Program on “ Networking 101 and Network Access Control” at Dept. of Information science and Engineering, BLDEA’s College of Engineering and Technology, Bijapur during 18-19 October 2014.
13. Five days workshop on “ Wavelets and Applications” organized by Dept. of Computer science and Engineering, BLDEA’s College of Engineering and Technology, Bijapur during 09-13 June, 2014.
14. One day workshop “Sarvotumukhi” on the eve of World Women’s Day, at BLDEA’s V.P.Dr.P.G.Halakatti College of Engineering and Technology, Bijapur, on 8th Mar. 2014
15. One day workshop “Make It Happen” on the eve of World Women’s Day, at BLDEA’s V.P.Dr.P.G.Halakatti College of Engineering and Technology, Bijapur, on 22nd Mar. 2015.
16. One Week FDP on “Research Methodology & Issues” organized by Dept. of Computer science and Engineering, BLDEA’s V.P.Dr.P.G.Halakatti College of Engineering and Technology, Bijapur from 08-06-2015 to 12-06-2015.

5. List of Courses Taught for UG

1. Formal languages and Automata Theory
2. Compiler Design
3. Data Base Management System
4. Java & J2EE
5. Object Oriented Programming with C++
6. C and Data Structure
7. Logic Design

8. Storage Area Network
9. System Software & Compiler Design
10. Design & Analysis of Algorithms
11. Graph Theory & Combinatorics

6. List of Courses Taught for PG

1. Storage Area Network
2. Digital Image processing
3. Data Mining & Data Warehousing

7. List of Projects Guided for UG:

Title of the project	Year
1. Tech Quest (Online Test)	2004-05
2. Pop3 mail Viewer on J2ME Devices	2006-07
3. Automated Voice Response System.	2007-08
4. Remote Login	2008-09
5. One Time Password Implemented System	2009-10
6. File Tracking System	2009-10
7. Adhoc Communication using Bluetooth	2009-10
8. Architecture Model for Server Deploying multifactor token based Authentication and Authorisation.	2009-10
9. Digital Signature for image authentication using wavelet Transform	2012-13
10. Face Hallucination	2010-11

8. List of Projects Guided for PG:

Title of the project	Year
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|-----------------------------------------------------------------------------------|----------|
| 1. Wireless Sensor Network Security Model Using Zero Knowledge Protocol | 2013-14 |
| 2. An Improved Service Discovery Approach on Decentralized Peer-to-peer Networks. | 2013-14 |
| 3. Recognition of Plants using Flower and Leaf Images | n2014-15 |
| 4. Wavelet Based Denoising of Brain MRI Images | 2014-15 |

9. Work record other than teaching:

1. Coordinator for ISTE student chapter. From 2008 to 2010
2. Coordinator for National Seminar on Recent Trends in Information Technology
3. Coordinator for Mission Parivarthan from 2007 to 2013
4. Coordinator for State level paper presentation held in 2008
5. Internet Programming Lab Incharge

10. Publications:

1. Sujata Desai, Namrata Bohite, “ Marginal Noise Removal from Scanned Document Images”, International Journal of Research in Computer Applications and Robotics, June 2018
2. Sujata Desai, Mahadev Utagi, “ Automatic Recognition of Plats using Leaf and Flower Images”, International conference Emerging Trends in Engineering Research, held at Vijaywada on 14th, June 2015.
3. Sujata Desai, Lubna Khazi “ Wavelet Based Denosing of Brain MRI Images” , International Journal of Engineering And Computer Science, April 2015.
4. Sujata Desai, Adiba Maniyar “Recognition of Text in Natural Images” International Research Journal of Engineering and Technology may 2016
5. Sujata Desai, Aswini ambi “ Wireless Sensor Network Security Model Using Zero Knowledge Protocol ”, International Conference ICE2CSM2E-2014 , held at Pune during December 11-13,2010, Pages: 72-76.

6. Sujata Desai, Shreedevi Wali "An Improved Service Discovery Approach on Peer-To-Peer Network " at ICITCSM held at Goa on 10th may 2014
7. Sujata Desai, B.S.Anami and S.M.hatture,(2008), "Approach for personalization of News Services", proceedings of the Indian conference on Women Science congress-2008, held at Karnataka Statev Women University, Bijapur.

11. Membership in professional societies :

1. Indian Society of Technical Education, India. (Membership No. : LM 43020)
2. Institution of Engineers India. (Membership No. : AM 092991)

12. Other Achievements/Rewards:

1. Received grant from VGST (Vision Group of Science andTechnology) Govt., Karnataka of Rs. 500000/- under RFTT during the year 2016 - 17