

# **BIODATA**

## **1. General Information:**

**Full Name:** Dakshayani Ijeri

**Designation:** Assistant Professor

**Sex:** Female

**Date of Birth:** 1<sup>st</sup> Nov 1988

**Nationality:** Indian

**Office address:** Department of computer Science and Engineering, B.L.D.E.A's Dr. P. G. H. College of Engineering and Technology, Vijayapur 586103, Karnataka, India.

**Mobile:** +91-9481252770

**Email:** [ijeridakshayani@gmail.com](mailto:ijeridakshayani@gmail.com)

**Blog address:** <https://dakshayaniijeri.wordpress.com>

**Permanent address:** D/O M.S Ijeri, Plot No. – 79, Aishwarya Nagar, Ashram Road, Bijapur-586103.

## **2. Educational Qualifications:**

<b><u>Sl. No.</u></b>	<b><u>Degree</u></b>	<b><u>University/Board</u></b>	<b><u>Year</u></b>	<b><u>% Marks</u></b>	<b><u>Class</u></b>
1	M.Tech.	VTU, Belgaum	2013	74.4	FCD
2	B.E.	VTU, Belgaum	2011	73	FCD
3	P.U.C.	Karnataka P.U.C Board	2007	74.5	First Class
4	S.S.L.C.	Karnataka Secondary Education Examination Board	2005	91.04	FCD

## **3. Experience in Teaching: 6.5 years**

<b><u>Sl. No.</u></b>	<b><u>Name of Organization /Institute</u></b>	<b><u>Designation</u></b>	<b><u>Duration</u></b>
1	B.L.D.E.A's CET, Bijapur.	Assistant Professor	16-07-2013 To Till date

**4. Area of Interest:** Natural Language Processing, Image Processing, Computer Networking.

**5. Workshop/ FDP/ Seminar/ Tutorial Attended:**

<u>Sl. No.</u>	<u>Topic Name</u>	<u>Organized by</u>	<u>Duration</u>
1	Research issues in Data Mining	Dept. of CSE B.L.D.E.A's CET, Bijapur	26-27 October 2013
2	One day workshop on "Sarvotumukhi"	Dept. of E & C B.L.D.E.A's CET, Bijapur	8 <sup>th</sup> March ,2014
3	Wavelets and applications	Dept. of CSE B.L.D.E.A's CET, Bijapur	09-13 June 2014
4	Networking 1o1 and Network Access Control	Dept. of ISE B.L.D.E.A's CET, Bijapur	18-19 October 2014
5	Two week ISTE STTP workshop on Pedagogy for Effective Use of ICT in Engineering Education	IIT, Bombay	05 <sup>th</sup> to 31 <sup>st</sup> January,2015
6	One Week FDP on Research Methodology and Issues	Dept. of CSE B.L.D.E.A's CET, Bijapur	8-12 June 2015
7	Counselling and Stress Management	Dept. of CSE B.L.D.E.A's CET, Bijapur	29 <sup>th</sup> ,July 2015
8	Patents and Various Intellectual Properties	B.L.D.E.A's CET, Research and Development cell	1 <sup>st</sup> August, 2015
9	Faculty Orientation Workshop	B.L.D.E.A's CET, Bijapur	18 <sup>th</sup> and 19 <sup>th</sup> , September 2015
10	ISRO Satellite Remote Sensing Based Societal Application On The Web	Dept. of Civil B.L.D.E.A's CET, Bijapur	30 <sup>th</sup> August. 2016
11	Research Literacy and Trends in Scholarly communications	Dept. of Library and Civil B.L.D.E.A's CET, Bijapur	23 <sup>rd</sup> to 28 <sup>th</sup> JAN, 2017
12	FDP101x Foundation Program in ICT for Education	IIT,Bombay	3 <sup>rd</sup> August to September 13, 2017
13	Pedagogy for Online and Blended	IIT,Bombay	14 <sup>th</sup> September to

	Teaching-Learning Process		November 20, 2017
14	Python and R Programming	Institute of Aeronautical Engineering Dundigal, Hyderabad	3 <sup>rd</sup> JAN to 9 <sup>th</sup> JAN,2018
15	Joy of Computing using Pyhon	IIT, Madras	Jan-Apr 2019
16	IOT And Its Applications	Dept. of ISE and CAS(Center for Advanced Studies) B.L.D.E.A's CET, Bijapur	18/2/2019- 22/2/2019
17	Python for Data Science	IIT, Madras	Aug-Sep 2019

## **6. List of Courses Taught:**

- Software Engineering
- Computer Network I
- Computer Network II
- Unix Shell Programming
- Web Programming
- Python
- Big Data Analysis

## **7. List of Projects Guided for UG:**

- Security Using Colors and Armstrong Numbers
- System to filter Unwanted Messages from OSN User walls
- An Encryption Scheme for color images Based on Chaotic Maps
- Environment Monitoring and Early Warning System
- Automatic Generation of Social Event Storyboard from Image Click through data
- Authorized Food Supply system in Social welfare Department
- Traffic Control System using Image Processing Technique

## **8. Projects :**

- I worked on “Computational Modelling of Automatic Animal Detection using image processing” as a part of UG final year project. In this research it is proposed to solve the task of individual animal identification by employing a coarse-to-fine-to-coarse strategy, probing image regions of interest for meaningful feature combinations, which are progressively recomposed into species descriptors, pose models, maps of surface textures and, finally, individual animal identifiers The scheme consists of three steps: i) segmentation and geometric modelling ii) feature extraction iii) Identification.
- I worked on “Scalable and Secure sharing of Health Information “ as a part of PG project. In this system, it supports the patient centric, secure sharing of PHRs stored on the semi-trusted servers, and it also focuses on addressing the complicated and challenging key management issues. In order to provide security to the personal health data stored on a semi-trusted server, the system adopts Attribute-Based Encryption (ABE) as the main encryption primitive.
- I have guided a project titled “Traffic Control System Using Image Processing”. This project was selected for VTU Innovative projects and was rewarded with Rs 5000/- from Visvesvaraya Technological University (VTU), Belgaum.
- Currently I am guiding two UG projects on Morphological analysis of Hindi and Kannada respectively, the work has been completed till stemmer for both the languages and now working on POS tagger.

## **9. Publications:**

1. Dakshayani Ijeri , Amar Gulaganji , Abhishek A. Mandewali , Pavitra C. Bannad , Jyoti A. Aiholli ,”**A Survey on Intelligent Traffic Control System Using Image Processing**”, IEEE, International Conference on signal processing and Communication ICSPC 2019.
2. Pushpa B. Patil, Dakshayani Ijeri, ”**Classification of Text Documents**”, Advances in Intelligent systems and computing (AIDE) 2019, Springer.
3. Dakshayani Ijeri , “Scalable and Unbiased Solution to Generate Social Event Storyboard using Smooth Nonnegative Matrix Factorization(SNMF)” International Journal for Research in

### **10. Number of Workshop/Seminar Organized: 08**

- ISTE-PTU sponsored one week workshop on “Wavelets and Applications”. 2014.
- “TechStorm 2K15” National Level Technical Fest from 18<sup>th</sup> -19<sup>th</sup> March 2015.
- One Week FDP on Research Methodology and Issues from 8<sup>th</sup>-12<sup>th</sup> June 2015.
- Two days workshop on Scratch Tool(Game development tool) for 2<sup>nd</sup> year students from 10<sup>th</sup> to 11<sup>th</sup> September 2016.
- Two days workshop on software testing for students from 10<sup>th</sup> March to 11<sup>th</sup> March, 2017
- One week FDP on Usage of Information and Communication Technology(ICT) Tools from 29<sup>th</sup> January to 2<sup>nd</sup> February, 2018
- Three days workshop on Report Editing Skills for 6<sup>th</sup> and 8<sup>th</sup> semester students from 14<sup>th</sup> February to 16<sup>th</sup> February, 2018