

BIODATA

1. General Information:

Full Name: Pavan Mahendrakar

Designation: Assistant Professor

Sex: Male

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2. Educational Qualifications:

<u>Sl. No.</u>	<u>Degree</u>	<u>University/Board</u>	<u>Year</u>	<u>% Marks</u>	<u>Class</u>
1	M.Tech.	VTU, Belgaum	2013	82.5	FCD
2	B.E.	VTU, Belgaum	2010	64.59	First Class
3	P.U.C.	Karnataka P.U.C Board	2006	78	First Class
4	S.S.L.C.	Karnataka Secondary Education Examination Board	2004	87.36	FCD

3. Experience in Teaching: 6 years

<u>Sl. No.</u>	<u>Name of Organization /Institute</u>	<u>Designation</u>	<u>Duration</u>
1	B.L.D.E.A's CET, Bijapur.	Assistant Professor	29-07-2013 To Till Date

4. Area of Interest: Image Processing, Machine learning, Deep Learning, Programming Languages (C, C++, Java, .Net etc).

5. Workshop/ FDP/ Seminar/ Tutorial Attended: 23

<u>Sl. No.</u>	<u>Topic Name</u>	<u>Organized by</u>	<u>Duration</u>
1	Research Methodologies & Research Avenues in IT	Dept. of CSE B.L.D.E.A's CET, Bijapur	12 th October 2013
2	Research issues in Data Mining	Dept. of CSE B.L.D.E.A's CET, Bijapur	26-27 October 2013
3	Advance Network Computing and Simulation	Dept. of CSE BEC, Bagalkot.	22-24 November 2013
4	ISTE-PTU Sponsored "Wavelets and Application"	Dept. of CSE B.L.D.E.A's CET, Bijapur	13-17 June 2014
5	Computer Programming Laboratory	Dept. of CSE, BGMIT Mudhol	30th July 2014
6	Intellectual Property Rights	VTPC, Dept. of Industry and Commerce, Govt. of Karnataka	26 th August 2014
7	Networking 1o1 and Network Access Control	Dept. of ISE B.L.D.E.A's CET, Bijapur	18-19 October 2014
8	Pedagogy for Effective Use of ICT in Engineering Education	IIT Bombay	05-31 January 2015
9	Research Methodology and Issues	Dept. of CSE B.L.D.E.A's CET, Bijapur	8-12 June 2015
10	One day Workshop on Counseling and Stress Management	Dept. of CSE B.L.D.E.A's CET, Bijapur	29 th July, 2015
11	Introduction to Computer Programming	IIT Bombay	16 th July to 21 st December 2015.
12	One day Workshop on Patents and various Intellectual Properties	Dept. of Mechanical B.L.D.E.A's CET, Bijapur	1 st August, 2015
13	Educational Technology for Engineering Teachers	IIT Bombay	07 th January to 07 th March 2016.
14	Recent Advances in Electronics and Communication	Dept. of E&C, (Sponsored by ISTE) B.L.D.E.A's CET, Bijapur	4-9th April, 2016
15	Advances Research Methodologies	Angadi Institute of Technology(Sponsored by NIT Chandigrah) ,	23 rd – 28 th January, 2017

		Belagavi	
16	FDP on Research Literacy & Trends in Scholarly Communications	Dept. of Civil & Library, BLDEA's CET, Vijayapur	23 rd – 28 th January, 2017
17	Android Developer Fundamentals	VTU, Belagavi	3 rd -7 th July, 2017
18	FDP101x Foundation Program in ICT for Education	IIT Bombay	3 rd August 2017 to 7 th September 2017
19	FDP on “Artificial Intelligence and Medical Image Processing”	KLE Belagavi	16 th Jan 2018 to 21 th Jan 2018
20	FDP201x Foundation Program in ICT for Education	IIT Bombay	19 th Sep 2018 to 20 th Oct 2018
21	FDP on “Machine Learning using python”	BMSIT, Bangalore	23 rd July 2018 to 27 th July 2018
22	FDP on “Innovative Pedagogy in Teaching Learning”	SECAB, Vijayapur	21 st to 26 th Jan 2019
23	FDP on “Emerging Trends in Quality Education in Institutes of Higher Education”	BLDEA's CET, Vijayapur	22 nd to 23 rd February 2019

6. List of Courses Taught:

- System Software.
- Programming the Web.
- System Modeling and Simulation.
- Programming in C and Data Structures.
- Java and J2EE
- Object Oriented Concepts
- .NET Framework for application development
- Machine Learning

7. List of Projects Guided for UG:13

- A novel, cost effective & scalable helping aid for specially able (2013-14).
- Scalable and secure sharing of health records in cloud using ABE (2013-14).
- Sign Language Translation(2014-15)
- GPS based Bus navigation system(2014-15)
- Collision Tolerant Packet Scheduling For Underwater Acoustic Localization(2015-16)
- Personalized Travel Package Recommendation (2016-17).
- Intelligent inventory management of PDS system (2016-17).
- IoT based Smart Vehicle Automation with safety, security and tracking system using WSN (2017-18).
- College Campus Commune (2017-18).
- Morphological Assessment of knee Articular Cartilage form MRI using Deep learning technique.

8. Number of Workshop/Seminar Organized: 18

- One day seminar on “Research Methodologies & Research Avenues in IT”.
- “National Networks Security Championship-2014”.
- ISTE-PTU sponsored one week workshop on “Wavelets and Applications”.
- One Week FDP on “Research Methodology and Issues”.
- Three days workshop on “C Programming Concepts” from 12th -14th August 2014.
- “TechStorm 2K15” National Level Technical Fest from 18th -19th March 2015.
- One Week FDP on Research Methodology and Issues from 8th-12th June 2015.
- One week Bridge Course on C Programming from 6th - 13th August 2015.
- Two days seminar on Big Data: Techniques & Challenges from 18th – 19th March 2016.
- Coordinator for Invictus 2k16 “National Level Tech Fest”.
- One week Bridge Course on C Programming from 1st - 6th August 2016.
- KSCST 39th Series- Project Exhibition and Seminar, 19th September 2016.
- Internship Program for 2 weeks on “Java Programming”. From 25th July 2016 to 07th July 2016
- Invictus 2k17, Technical Festival from 7th – 8th April 2017.
- One week Bridge Course on C Programming from 1st - 6th August 2017.
- One Day Seminar on “Network Security” on 28th August 2017.
- One day seminar on “Life after Engineering” on 7th Oct 2017.
- 5 Days FDP on “Usage of ICT Tools” in BLDE Engineering College.

9. Membership of Professional Bodies: Life Member of ISTE

10. Paper Publication: 05

“A novel, cost effective & scalable helping aid for specially able”. International Journal of Scientific & Engineering Research, Volume 5, Issue 2, February-2014.

“Survey on smart grid security: Threats, Challenges and Authentication Mechanism” International Journal of Advance Research in Science and Engineering, Volume 04, Issue S.I. No. 01 April 2015.

“Collision Tolerant Packet Scheduling For Underwater Acoustic Localization” International Journal Of Engineering Applied Science And Technology (IJEAST),Volume 1 Issue 7 June 2016.

“Design and Implementation of College Campus Commune application using Android” International Conference on Innovations in Engineering, Technology and Sciences- (ICIETS), NIEIT Mysore 2018

A Survey on **“Morphological Assessment of knee Articular Cartilage form MRI”**
International Conference on Smart Systems and Inventive Technology , Fransis Xavior College
of Engineering, Tirunelveli, Tamil Nadu.