




P.E.S. College of Engineering, Mandya - 571401

(An Autonomous Institution, affiliated to VTU, Belagavi)

Faculty Profile

General

Name	Mrs. Deepika	
Designation,	Assistant Professor	
Department & Affiliated Institution	Department of Computer Science and Engineering, P.E.S College of Engineering, Mandya – 571 401	
Research Area	IoT and Machine Learning	
Contact Number	+91 9482024207	
Email ID	bdeepika@pesce.ac.in	

Academic Profile

Educational Qualifications

Degree	College	University	Year of Passing	% ge	Class
Ph. D	PESCE, Mandya	VTU, Belagavi	-	-	-
M.Tech,	NIE, Mysore	VTU, Belagavi	2014	76%	FCD
B.E.,	GNDEC, Bidar	VTU, Belagavi	2004	69%	FC

Professional Experience

Organization and Department	Designation	Period	Total Experience
Guru Nanak Dev Engineering College, Bidar	Lecturer	26-10-2004 to 30-06-2005	09 Months
Jnana Vikas Institute of Technology, Bidadi	Lecturer	1-02-2008 to 10-07-2008	06 Months
P.E.S. College of Engineering, Mandya	Assistant Professor	01-08-2008 to Till date	13 years

Reports on Academic and Research Activities

Academic Activities

Teaching Records (Details of courses taught)	<u>Undergraduate:</u> Digital Logic Design, Computer Graphics and Visualization, Data Communication, Network Security and Cryptography, Unix System Programming, Software Engineering, Wireless Sensor Networks, Java and J2EE, Computer Concepts and C Programming, Distributed Operating System, IoT. <u>Post Graduate (M. Tech):</u> Wireless Sensor Networks, IoT.
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Research Guidance (Candidates Awarded / Pursuing Ph.D / M.Sc., Engg./ M.Phil)

Degree	Ph. D.	M.Sc., Engg.	M.Phil
Awarded	Nil	Nil	Nil
Pursuing	Nil	Nil	Nil

Sponsored Research Projects (List of Projects taken up /completed and funds receiver & funding sources)

Project Title	Project Funded by	Grants Sanctioned	Grants Received
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Research Publications in Refereed Journals and Conferences/Symposia

Number of Publications in	National	International
Journals	--	09
Conferences/Symposia	--	02

Other Important Responsibilities Held in the College

1. BoE Member
2. Time Table Coordinator
3. Department Alumni Association Secretary

LIST OF PUBLICATIONS

1. **Arpitha B, Deepika**, “My Privacy My Decision; control communication media on online social network”, International Journal of Engineering and Computer Science (IJECS), Volume 5, Issue 5, ISSN 2319-7242, May 2016.
2. **Siri, Deepika**, “Trusted Dynamic Source Routing in MANETs”, International Journal of Innovative Research in Computer and Communication Engineering, Volume 5, Issue 4, ISSN 2320-9798, April 2017.
3. **Deepika , Nagarathna, G. P. Shivshankar and Channegowda**, “Experimental Investigations on Quality of Water Used in Poultry Farm Using Sensors”, Emerging Research in Electronics, Computer Science and Technology pp 437-445 ,Part of the Lecture Notes in Electrical Engineering book series (LNEE, volume 545), Springer Link, April 2019.
4. **Deepika Arpitha M S and Manogna D Raj**, “Study On Brain Abnormalities Using IoT”, International Journal of Scientific Research and Engineering Trends, Volume 5, Issue 2, Page 377-380, April 2019.
5. **Deepika Shafiya S and Ashwini M C**, “A Study On Patient Health Monitoring Using IoT”, International Journal of Scientific Research and Engineering Trends, Volume 5, Issue 2, page 433-436, April 2019.
6. **Deepika, Rajani K C and Prakruthi T N**, “Fuel Monitoring System for Vehicles”, International Journal for Scientific Research and Development, Volume 7, Issue 2, ISSN 2321 0613, April 2019.
7. **Deepika, Spoorthi P and Bhanushree V K**, “Greenhouse Environment Monitoring System Based on Wireless Sensor Network”, International Journal of Scientific Research and Engineering Trends, Volume 5, Issue 2, Page 429-432, April 2019.
8. **Deepika, Kavya K P and Apoorva M G**, “A study on IoT Based Environmental Monitoring”, International Journal for Scientific Research and Development, Volume 7, Issue 2, ISSN 2321 0613, page 810-812, April 2019.
9. **Deepika, Harshith H, Loksha G N and Kishore Kumar R** “IoT Based Delivery Boys Safety Control and Bike Analyzer”, International Journal of Scientific Research and Engineering Trends, Volume 5, Issue 2, Page 497-499, April 2019.
10. **Deepika , Nagarathna and Channegowda**, “Monitoring and Detection of Heat Stress of Layers in Poultry Farm using Multiple Linear Regression”, International Conference on Smart Systems and Inventive Technology (ICSSIT 2020), IEEE, ISBN: 978-1-7281-5821-1.
11. **Bidri Deepika, VKR Rao, DN Rampure, P Prajwal, DG Gowda**, “Early prediction of chronic kidney disease by using machine learning techniques”, Amer. J. Comput. Sci. Eng. Survey, 8 (2), 7 , 2020