P.E.S. College of Engineering, Mandya - 571401
(An Autonomous Institution, affiliated to VTU, Belagavi)

Faculty Profile

General

Name	*Jayashankara M*
Designation,	*Assistant Professor*
Department & Affiliated Institution	*Department of Computer Science and Engineering, P.E.S College of Engineering, Mandya – 571 401*
Research Area	*Deep Learning , Machine Learning and Artificial Intelligence , Internet of Things(IOT), Computer Architecture*
Contact Number	*+91 9986398495*
Email ID	*jayashankara.m@pesce.ac.in, jayashankar.m80@gmail.com*

Academic Profile

Educational Qualifications

Degree	College	University	Year of Passing	% ge	Class
Ph. D	*Department of Computer Science and Engineering, Indian Institute of Technology(IIT,BHU), Varanasi*	*IIT(BHU) , Varanasi ,U.P , India*	*Selected under QIP (2019-20). In Progress.*	-	-
M.Tech.,	*Department of Mathematics and Computational Science*	*National Institute of Technology Karnataka(NITK) , Surathkal, India*	*2011*	*7.36 CGPA*	*First Class*
B. E.,	*P.E.S College of Engineering , Mandya, Karnataka,*	*Visweswaraya Technological University(VTU),Belgaum*	*2002*	*71%*	*First Class with Distinction (FCD)*

Professional Experience

Organization and Department	Designation	Period	Total Experience
P.E.S. College of Engineering, Mandya	*Assistant Professor*	*01/01/2006 to Till Dat1*	*15+ years*
P.E.S. College of Engineering, Mandya	*Lecturer(Permanent)*	*17/12/2004 to 31/12/2005*	*1 Year*
P.E.S. College of Engineering, Mandya	*Lecturer (Temp)*	*10/07/2002 to 16/12/2004*	*2 year 5 months*

Reports on Academic and Research Activities

Academic Activities

Teaching Records (Details of courses taught)	Undergraduate: Machine Learning , Artificial Intelligence , Data Mining and Warehousing , C and Basics of Python Programming ,Operating System, Data Communication, Computer Organization , Advanced Computer Architecture , Cryptography and Network Security , Data Structures , Logic Design , Object Oriented Programming With C++ , OOMD, Wireless Technology. Post Graduate (M. Tech): Advanced Algorithms.

Research Guidance (Candidates Awarded / Pursuing Ph.D / M.Sc., Engg./ M.Phil)

Degree	Ph. D.	M.Tech	
Awarded	*Nil*	*04*	
Pursuing	*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

Research Publications in Refereed Journals and Conferences/Symposia		
Number of Publications in	**National**	**International**
Journals	*00*	*04*
Conferences/Symposia	*01*	*00*
Other Important Responsibilities Held in the College		

1. *Association Secretary ,Dept. of CS and Engg,(2012-13)*
2. *BoS and BoE Member.*

3. *PESCE – IQAC coordinator(Department level)*

LIST OF PUBLICATIONS

1. Jayashankara M, Sandeep S Udmale ,Anil Kumar Pandey ,Ravi Shankar Singh, IoT Healthcare Architecture, Book Chapter 2 ,IoT-Based Data Analytics for the Healthcare Industry , ISBN 978-0-12-821472-5

2. M. Jayashankara, R.J.D'Souza, Jony Jose, A novel centrality measures out degrees of nodes in a network. *National conference on recent trends in computational science and engineering (NCRTCSE-2011), KVG College of Engineering, Kurunjibhag, Sullia – 574327, D.K., Karnataka, India.* 2011.

3. Ranjini M G and Jayashankara M (2016). "Effective Identification of Packet Droppers and Modifiers in Wireless Sensor Networks". International Journal of Modern Trends in Science and Technology (IJMTST) Volume:2, Issue:05, ISSN -2455-3778, May 2016

4. Keerthi M and Jayashankara M (2017). "Packet Scheduling Schemes for Underwater Acoustic Localization in WSN". International Journal of Engineering Research & Technology(IJERT) Volume 5, Issue 20, ISSN -2278-0181, 2017

5. Varsha N and Jayashankara M. (2018) "An overview on Collaborative Filtering and Matrix Factorization Techniques for Recommender Systems". International Journal of Creative ng Research Thoughts(IJCRT) ISSN -2320-2882, 2017-2018

6. Shivani R Pawar and Jayashankara M,(2019) , Location Based News Classification using Machine Learning , International Journal for Research in Engineering Application & Management (IJREAM): ISSN : 2454-9150 Vol-05, Issue-02, May 2019.

7. Spoorthi. P and Jayashankara M (2020), A Machine Learning Approach to Predict Crop yield and Reduction of Cost by Finding Best Accuracy, International Journal of Computer Sciences and Engineering, Volume-8, Issue-3, Mar 2020.