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

Faculty Profile

General

Name	Rakshith N
Designation,	*Assistant Professor*
Department & Affiliated Institution	*Department of Information Science & Engineering, P.E.S College of Engineering, Mandya – 571 401*
Research Area	*Internet of Things, Computer Networks*
Contact Number	*+91 9743599923*
Email ID	*rakshithn@pesce.ac.in*

Academic Profile

Educational Qualifications

Degree	College	University	Year of Passing	% ge	Class
Ph. D	*P.E.S College of Engineering, Mandya*	*Visvesvaraya Technological University*	*PURSUING*		
M.Tech	*Don Bosco Institute of Technology, Bangalore*	*Visvesvaraya Technological University*	*2015*	*75%*	First Class with Distinction
B.E	*P.E.S College of Engineering, Mandya*	*Autonomous under VTU*	*2013*	*8.30(CGPA)*	First Class with Distinction

Professional Experience

Organization and Department	Designation	Period	Total Experience
VidyaVardhaka College of Engineering, Mysore	*Assistant Professor Department of Computer Science & Engineering*	*20-7-2015 to 25-2-2017*	*1.8 years*
P.E.S. College of Engineering, Mandya	*Assistant Professor Department of Information Science & Engineering*	*27-2-2017 to till date*	

Reports on Academic and Research Activities

Academic Activities

Teaching Records (Details of courses taught)	Underग्राduate: *Embedded Computing System, Discrete Mathematical Structures, Computer Graphics and Visualization, Wireless Networks and Mobile Computing, Programming in C and Data Structures, Object oriented System Modeling, J2EE & J2ME, Data Communication and Internet of Things, Python Programming, Data Structures, Information & Network Security*

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
Nil	*Nil*	*Nil*	*Nil*

Research Publications in Refereed Journals and Conferences/Symposia

Number of Publications in	National	International
Journals	*Nil*	*09*
Conferences/Symposia	*Nil*	*03*

Other Important Responsibilities Held in the College

1. *IIC Coordinator*	2. *BoE Member* 3. *Digital Board Department coordinator*

LIST OF PUBLICATIONS

1. Rakshith N, Minavathi "Hybrid Energy Harvesting Model for Attaining Energy Neutrality in IoT-based Smart Agricultural System" ,Volume-71 Issue-7, DOI : 10.14445/22315381/IJETT-V71I7P216, IJETT Journal,2023

2. Rakshith N, Suraj B S, Chethana C "Software Fault Proneness Predicition using Genetic Based Machine Learning Techniques" in International Journal for Research & Development in Technology ISSN:2349-3585, Volume 18, Issue 6, Dec-2022

3. Rakshith N, Sharanya S, Md Sarfaraz, Nuthan, Kushal "An IoT based working model of Self Driving car using Machine Learning Techniques" in the International Conference on Recent trends in Science & Technology ICRST-2022 organized by ATME,mysore on 14-15th july 2022

4. Rakshith N, Suraj B S, Chethana C "An Opinion Mining for Indian Premier League using Machine Learning Techniques" International Journal of Science and Research (IJSR) ISSN: 2319-7064,SJIF (2020): 7.803,DOI: 10.21275/SR211228102930,Paper ID: SR211228102930, Dec 2021

5.

6. Rakshith N, Suraj B S, "A Vision-Based Detection and Identification System for Flying Insects in Intelligent Agriculture Using IoT and ML Techniques" IJRDT, Volume 15, Issue 1, ISSN: 2349-3585

7. Rakshith N, Dr.Minavathi "A study of various Simulators for an Energy-Neutral Operation of Internet of Things Nodes" , TEST Engineering & Management, January-February 2020 ISSN: 0193-4120 Page No. 15315 - 15319

8. Rakshith.N, "SECURITY TO THE CLOUD USING RSA AND BLOWFISH ALGORITHM", International Journal of Computer Trends and Technology, volume 67, issue 4,2019. ISSN:22312803

9. Paper published in International Conference (*International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT-2018) 23rd to 24th August, 2018).* Paper Title: "A Literature Review on Energy Harvesting for Internet of Things Applications"

10. Paper published in International Journal **IRJET**. Paper Title:"Survey on Bill of Materials" Volume 4, Issue 2, February 2017

11. Paper published in International Journal **IJTRE.** Paper Title: "Pattern Recognition In a Variant Rich Product Data" Volume 3, Issue 6, February-2016.

12. Paper published in International Journal **IJTRE.** Paper Title:"To Achieve Accuracy for Data Dissemination in Duty-Cycled WSNs" Volume 2,Issue 8,April-2015.