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

Faculty Profile

General

Name	Bramesh S M
Designation,	Assistant Professor
Department & Affiliated Institution	Department of Information Science & Engineering, P.E.S. College of Engineering, Mandya – 571 401
Research Area	Data Mining
Contact Number	+91 98443 01467
Email ID	smb@pesce.ac.in

Academic Profile

Educational Qualifications

Degree	College	University	Year of Passing	% ge	Class
Ph. D	Sri Jayachamarajendra College of Engineering, Mysore	VTU	Pursuing		
M. Tech	Sri Jayachamarajendra College of Engineering, Mysore	VTU	2014	76.54	First Class with Distinction
B.E.	P.E.S. College of Engineering, Mandya		2007	65.49	First Class

Professional Experience

Organization and Department	Designation	Period	Total Experience
P.E.S. College of Engineering, Mandya (Dept. of IS&E)	Assistant Professor	2014 to Till date	
P.E.S. College of Engineering, Mandya (Dept. of IS&E)	Lecturer	2008 to 2014	6 Years

Reports on Academic and Research Activities

Academic Activities

Teaching Records (Details of courses taught)	**UG:** Data Structures, Object Oriented Programming with C++, JAVA & J2EE, Computer Networks-II, Compiler Design, Distributed Operating Systems, C# and .NET, WEB 2.0, System Software, File Structures, Object Oriented Analysis and Design, UNIX System & Network Programming, Mobile App Development, Modern Information Retrieval, Analysis & Design of Algorithms, Internet Programming, Supply Chain Management, Data Science, and Robotic Process Automation **PG:** Java Programming

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	-	08
Conferences / Symposia	02	02

Other Important Responsibilities Held in the College

1. LIC, NAAC, NBA (Criteria 5) committees report generation and overall coordination
2. Coordinator for Autonomous Examination Section
3. BoS, DUGC and BoE Member
4. Department Website Coordinator
5. Skill Set Coordinator
6. Website Coordinator at the College level
7. Executive Committee Member for Teaching Staff Association
8. Project Coordinator for Mini Projects (Data Science)
9. Department ERP Coordinator
10. Executive Committee Member for TCC Society

LIST OF PUBLICATIONS

1. Bramesh S M (2022) "An effective rule based Approach for identification of Comorbidity patterns in Diabetic patients" in **Indian Journal of Computer Science and Engineering**, DOI: 10.21817/indjcse/2022/v13i4/221304054, Vol. 13 No. 4 Jul-Aug 2022.

2. Bramesh S M (2022) "An Efficient and Scalable Technique for Clustering Comorbidity Patterns of Diabetic Patients from Clinical Datasets" **in I.J. Modern Education and Computer Science**, DOI: 10.5815/ijmecs.2022.06.04, Volume 14, Issue 6, 2022.

3. Bramesh S M (2022) "Identifying the Paddy Crop Disease in Mobile App using Image Processing and Machine Learning Techniques" in **International Research Journal of Modernization in Engineering Technology and Science**, e-ISSN: 2582-5208, Vol-04, Issue-09, September 2022, pp 538 - 544.

4. Bramesh S M (2022) "An IoT based Smart Water Management System" in **International Journal of All Research Education & Scientific Methods**, ISSN: 2455-6211, Vol-10, Issue-07, July 2022, pp 2907 - 2916.DOI: https://doi.org/10.56025/IJARESM.2022.1072907.

5. Bramesh S M (2021) "Predicting Presence of Heart Disease using Machine Learning Algorithms" in **International Journal for Research in Engineering Application & Management**, ISSN: 2454 - 9150 Vol-07, Issue-04, July 2021, pp 192 - 195.

6. Bramesh S M (2020) "Movie Success Prediction using k-Nearest Neighbor Algorithm" in **International Journal for Research in Engineering Application & Management**, ISSN: 2454 - 9150 Vol-06, Issue-05, Aug 2020, pp 133 - 136.

7. Bramesh S M (2019) "Comparative Study of Machine Learning Algorithms on Census Income Data Set" in **International Journal of Engineering Research and Applications**, ISSN: 2248-9622 Vol. 9, Issue 8 (Series -I) Aug 2019, pp 78 - 81.

8. Bramesh S M (2018) "Empirical Study to Evaluate the Performance of Classification Algorithms on Public Datasets" in **3rd International Conference on Emerging Research in Electronics, Computer science and Technology** (ICERECT - 2018).

9. Bramesh S M (2016) "Performance Analysis of Transparent Relays in 802.16j MMR Network by Implementing Relay Concept using C++ in QualNet Simulator" in **International Journal of Advanced Research in Computer and Communication Engineering**, Volume 5, Issue 5.

10. Bramesh S M (2015) "M-Doctor for Preliminary Treatment of Diseases in India" in **IEEE International Conference** on Electrical, Electronics, Signals, Communication and Optimization (EESCO) - 2015,978-1-4799-7678-2/15/$31.00 ©2015 **IEEE**.

11. Bramesh S M (2015) "A Smart Phone Based Solution for Extracting and Counting of White Blood Cells in a Blood Smear Image" in **National Conference on Recent Advances in Computing, Informatics, Communication and Applications** - 2015, organized by **GSSS Institute of Engineering & Technology for Women**, Mysuru, Karnataka, India.

12. Bramesh S M (2015) "A Smart Phone Based Solution for Extracting and Counting of Red Blood Cells in a Blood Smear Image" in **National Conference on Recent Innovations in Information, Communication Technology and Management** (RIICTeM) - 2015, organized by **Visvesvaraya Technological University**, Belgaum, Karnataka, India.