P.E.S. College of Engineering, Mandya

(An Autonomous Institution, affiliated to VTU, Belagavi)

Faculty Profile

General

Name	*Dr. UMESH D R*
Designation,	*Associate Professor*
Department & Affiliated Institution	*Department of Computer Science & Engineering* *P.E.S College of Engineering, Mandya – 571 401*
Research Area	*Data Analytics, Artificial Intelligence & Machine Learning*
Contact Number	*+91 9886160070*
Email ID	*drumesh@pesce.ac.in / umesh.dr.pesce@gmail.com*

Academic Profile

Educational Qualifications

Degree	College	University	Year of Passing	% ge	Class
Ph. D.	P.E.T Research Centre, Mandya	UoM, Mysore	2017	Awarded	
M.Tech.	NIE, Mysore	VTU, Belagavi	2009	7.78 CGPA	FCD
B.E.	PESCE, Mandya	VTU, Belagavi	2002	74%	FCD

Professional Experience

Organization & Department	Designation	Period	Total of Experience
PESCE, Mandya	Assistant Professor	23-09-2005 to 04-07-2017	11 Years 9 Months
PESCE, Mandya	Associate Professor	05-07-2017 to till date	03 + Years

Academics	Description of Academic records
Teaching Records (Details of courses taught)	Microprocessor, Data Structures, Object Oriented Programming, Analysis and Design of Algorithms, Computer Organization, Operating System, Computer Networks, Artificial Intelligence, Machine Learning, Cloud Computing and Big Data.

Research Guidance (Ph.D. / M.Sc. Engg./ M.Phil) Students awarded & pursuing

Degree	Awarded	Pursuing
Ph. D.	*Nil*	*3*
M.Sc. Engg./ M.Phil	*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

No. of Publications in	National	International
Journals	*Nil*	*11*
Conferences	*Nil*	*04*

Other Important Responsibilities held in the College

1. *Deputy Dean - Academic*	2. *TEQIP Nodal Officer Procurement*

LIST OF PUBLICATION

International Journals

[1] Umesh D R & Dr. B Ramachandra "Big Data Analytics to Predict Breast Cancer Recurrence on SEER Dataset using MapReduce Approach" at International Journal of Computer Application (ISSN: 0975 – 8887), Vol. 150 - Number 7, pp7-11, September 2016.

[2] Umesh D R & Dr. B Ramachandra "Parallel Computing to Predict Breast Cancer Recurrence on SEER Dataset using Map-Reduce Approach" at International Journal of Computer Application (ISSN: 0975 – 8887), Vol. 149 - Number 12, pp31-35, September 2016.

[3] Umesh D R & Tilak."Predicting Breast Cancer Survivability Using Naïve Baysien and C5.0 Algorithm" International Journal of Computer Science and Information Technology Research Vol. 3, Issue 2, pp: (802-807), ISSN 2348-120X.

[4] Umesh D R & Dr. B Ramachandra "Predicting Breast Cancer Recurrence Using Machine Learning Techniques" at International Journal of Latest Trends in Engineering and Technology (ISSN: 2278-621X), Vol. 5 Issue 1, pp255-259, January 2015.

[5] Umesh D R & Ranjitha, "Pattern Mining and Prediction in Shopping Mall", Volume 6 issue no.5 ISSN 2321 3361, 2016 IJESC

[6] Umesh D R & Nishkala H N, "Smart Health Care System Using Internet of Things and Cloud", Published in International Journal of Science and Research (IJSR) Volume 7 Issue 5, May 2018, ISSN 2319-7064

[7] Umesh D R & Chetan Kumar V "CRITICAL DATA AND LOCATION DEPENDENT HANDOVER ALGORITHM FOR WIRELESS BODY AREA NETWORK UNDER MOBILITY CONDITION" at Journal of Emerging Technologies and Innovative Research (ISSN : 2349-5162), Published in Volume 6 Issue 5 , May-2019

[8] Umesh D R & Shruthi P S "Evaluation Of System Utilization In Data Center By Integrating Dms-Pso In Queuing Model" at Journal of Emerging Technologies and Innovative Research (ISSN : 2349-5162), Published in Volume 6 Issue 5 , May-2019

[9] Umesh D R & Meghana "Image Steganography based on Histogram Shifting" Published at International Journal for Research in Engineering Application & Management (IJREAM) ISSN : 2454-9150 Vol-05, Issue-02, May - 2019

[10] Umesh D R & Pankaj Kumar G "Terrain generation from user text using cellular automata" at International Journal of Recent Technology and Engineering at International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-3, September 2019

[11] Umesh D R & Pankaj Kumar G "CloudStore: A Framework for Developing Progressive Streaming Games" at Advances in Intelligent Systems and Computing book series (AISC, volume 1167), Print ISBN 978-981-15-5284-7, July, 2020

International Conferences

[1] Umesh D R & Dr. B Ramachandra "Association rule mining based predicting breast cancer recurrence on SEER breast cancer data" at International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT-2015), P.E.S.C.E., Mandya, **IEEE Xplore:** pp376-380, 2015, **ISBN:** 978-1-4673-9563-2.

[2] Umesh D R & Dr. B Ramachandra "Data Position System to Enhance Performance of Bigdata Processing in Hadoop Map-Reduce" at The IRES International Conference, Pune, India, pp5-10, January 2017, ISBN: 978-93-86083-34-0.

[3]   Umesh D R & Shruthi P S "A Revised Auditing and Survey on Mobile Application Analytics" at International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT-2018), P.E.S.C.E., Mandya, Springer LNEE proceedings**:** pp 978-981, 2015, Electronic ISBN: 978-981-13-5802-9.

[4]   Umesh D R & Pankaj Kumar G "Artificial Terrain Generation for Computer Games from User Description" at International Conference on Artificial Intelligence and Machine Learning (IAIM2019)