




P.E.S. College of Engineering, Mandya



Faculty Profile

General

Name	Dr. H R DIVAKAR	
Designation,	Assistant Professor	
Department & Affiliated Institution	Department of Master of Computer Applications, P.E.S College of Engineering, Mandya – 571 401	
Research Area	Data mining, Machine learning, Deep learning	
Contact Number	+91 7204448143, +91 9972023370	
Email ID	divakarhr@pesce.ac.in divakarhr@gmail.com	

Academic Profile

Educational Qualifications

Degree	College	University	Year of Passing	% ge	Class
Ph.D		Sri Siddartha Academy of higher Education, Tumakuru	2021	-	-
MCA	PES College of Engineering, Mandya	VTU, Belagavi.	2005	71.5	First Class with Distinction

Research Achievements/Awards

Ph. D / M.Sc., Engg./M/Phil	Ph. D - Nil	M.Sc., Engg./M/Phil - Nil
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Professional Experience

Organization & Department	Designation	Period	Total of Experience
P.E.S. College of Engineering, Mandya	Lecturer (Stop-gap)	20-08-2005 to 13-05-2007	1 year 9 months
	Lecturer	14-05-2007 to 31-03-2011	4 years
	Assistant Professor	1-04-2011 to Till date	10 years

Report of Work for the Academic Year : 2019-20

Academics	Description of Academic records
Teaching Records (Details of courses taught)	Data Structures, Object Oriented Modeling and Design, System Simulation and Modelling, Introduction to Unix, Data and Computer Communication, Database Management Systems, Computer Networks, Network Management, Information Storage and Management, Cloud Computing.

Research Guidance (Ph.D /; Students awarded & pursuing)

Degree	Awarded	Pursuing
Ph. D	Nil	Nil
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
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Research Publications in Refereed Journals and Conferences

No. of Publications in	National	International
Journals	01	13
Conferences	02	02

Other Important Responsibilities held in the College

1. Special officer, Autonomous Examination Section	3. BoS and BoE member,
2. Coordinator Autonomous Examination Section	

LIST OF PUBLICATION

Journals

1. Divakar H R, D Ramesh, B R Prakash, “Prediction of Cervical Cancer with Ontology Based Deep Learning Approach”, International Journal of Computer Science & Communication (ISSN: 0973-7391) Special Issue, Page 60-66, December 2020.
2. Dr. D Ramesh, Divakar H R, Dr. B R Prakash, An Ontology-Based system to predict diabetes using deep learning. Dogo Rangsang Research Journal UGC Care Group I Journal ISSN : 2347-7180 Vol-10 Issue-08 No. 13 August 2020.
3. Aiswarya M, Dr. D Ramesh, H R Divakar, Dr. B R Prakash, Machine Learning Approaches to Predict Diabetes Millitus : A SURVEY, AEGAEUM JOURNAL Volume 8, Issue 9, ISSN: 0776-3808, 2020.
4. Divakar H R, Dr. D Ramesh, Dr. B R Prakash, “An Ontology Driven System to Predict Diabetes With Machine Learning Techniques”, International Journal of Innovative Technology and Exploring Engineering (IJITEE), December 2019, Volume-9, Issue-2, pp: 4005-4011, ISSN: 2278-3075. (Scopus Indexed).
5. Divakar H R, Dr. B R Prakash, Mamatha M “An Ontology Based System for Healthcare People to Prevent Cardiovascular Diseases”, International Journal of Recent Technology and Engineering (IJRTE), September 2019, Volume-8, Issue-2S11, pp: 983-988, ISSN: 2277-3878. (Scopus Indexed).
6. M R Prathima and Divakar H R, “Automatic Extractive Text Summarization Using K-Means Clustering”, International Journal of Computer Science and Engineering (JCSE), June 2018, Volume 6, Issue 6, pp: 832-837, ISSN : 2347-2693.
7. S Divyashree and Divakar H R, “Prediction of Human Health using Decision Tree Technique”, International Journal of Computer Science and Engineering (JCSE), June 2018, Volume 6, Issue 6, pp: 857-860, ISSN : 2347-2693.
8. Vinod N and Divakar H R, “Essential food Marketing Android App”, International Journal on Electronics & Wireless Communication Engineering (IJEWCE), March 2018, Volume 10, Issue 10, PP : 1-6, ISSN : 2454-9924.
9. M.N. Chandan and Divakar H R, “Secure Access to Encrypted Cloud Database”, International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE), May 2017, Volume 5, Issue 5, pp 10141-10146, ISSN 2320-9798.
10. Shreyas.K.S and Divakar H R, “Flexible and Fine-Grained Attribute-Based Data Storage in Cloud Computing”, International Journal of Engineering Science and Computing (IJESC), Volume 7, Issue 6, June 2017.

11. Faizal Ahmed and Divakar H R, "Road Navigation Improvement Using Route Data Analysis", International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE), Volume 5, Issue 5, May 2017, ISSN : 2320-9801, 2320-9798, pp 10812-10816.
12. Abhishek M and Divakar H R, "A Video Based Sign Language Recognition System", International Journal of Engineering Science and Computing (IJESC), Volume 7, Issue 9, June 2017.
13. Harsha Kumar H.S. and Divakar H R, "An Authenticated Trust and Reputation Calculation and Management System for Cloud and Sensor Network Integration", International Journal of Engineering Science and Computing (IJESC), Volume 7, Issue 9, June 2017.
14. Divakar H R and Dr. B R Prakash, "Classics of Deep Learning Approach for Human Behaviour Ontology : A Survey", International Journal of Computer Trends and Technology, Issue 1, September 2017, ISSN : 2231-2803, pp 46-51.

International Conferences

1. Divakar H R, Dr. B R Prakash, Mamatha M "An Ontology Based System for Healthcare People to Prevent Cardiovascular Diseases", International Conference Science, Engineering and Technology (ICSET-2K19), held in Amalapuram Institute of Management Sciences and College of Engineering, Mummdivaram, Andhra Pradesh on July 26th & 27th 2019.
2. Divakar H R, D Ramesh, B R Prakash, "Prediction of Cervical Cancer with Ontology Based Deep Learning Approach" in International e-Conference on "Computer Networks and Soft Computing" (ICCNCS - 2020), by Department of Computer Science & Engineering and Information Science & Engineering, Sri Siddartha Institute of Technology, Tumakuru, Karnataka. Secured Best Paper award and Best Presenter of ICCNCS – 2020.

National Conferences

1. Kushala V M and H R Divakar, "Manufacture Engineering Work Bench", 3rd National Conference on Emerging Trends in Computer Science and Engineering (NCETCSE-2017) in Association with International Journal of Scientific Progress and Research (IJSPR), 2017, ISSN : 2349-4689.
2. Dr. D Ramesh, Divakar H R, Dr. B R Prakash, "An Ontology-Based System to Predict Diabetes Using Deep Learning" in the 1st National Conference on Emerging Trends in Engineering Science for Future Technology (NCETESFT 2020), Sri Siddartha Institute of Technology, Tumakuru, Karnataka.