



Dr. P.PRABHU
Assistant Professor - DDE

Contact

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Academic Qualifications: M.C.A., M.Phil., P.G.D.B.A., Ph.D.

Master of Computer Applications (M.C.A)
M.Phil (Computer Science)
P.G.D.B.A.,
Ph.D (Computer Science)

Teaching Experience: 18 Years

Research Experience: 10 Years

Additional Responsibilities

1. Coordinator for the conduct of PCP UG (Computer science) classes.

Areas of Research

1. Data Mining
2. Digital Image Processing
3. Computer Networks

Research Supervision / Guidance

Program of Study		Completed	Ongoing
Research	Ph.D.	--	--
	M.Phil.	42	03
Project	PG	150	05

Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
18	10	--	13	--

h-index	:	02
i10 index	:	01
Total Citations	:	24

Funded Research Projects

Completed Projects

S. No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1	Alagappa University Research Fund (AURF)	31 st Decem ber 2009	March 2013	Study on mapping object to relational paradigm for achieving object persistence	0.20

Events organized in leading roles

Number of Seminars / Conferences / Workshops / Events organized: 04

1. Member of organizing Committee in National Conference on “Expansion of Distance Education – Experiences and Expectations” organized by Directorate of Distance Education, Alagappa University, Karaikudi held on 7th and 8th July 2010.
2. Member of organizing Committee in National Workshop on “Expansion and Enrichment of distance Learning (EEDL-2012)” organized by Directorate of Distance Education, Alagappa University, Karaikudi held on 27th & 28th March 2012.
3. Member of organizing committee in International Conference on Innovations in Computer Science and Technology (ICICST 2016) organized by the Department of Computer Science and Engineering, Alagappa University, Karaikudi during April 4-5,2016.
4. Member of organizing committee in National Seminar on Recent Developments in Computer Networks (NSRDCN 2016) organized by the department of Computer Applications, Alagappa University, Karaikudi held on 7th & 8th November 2016.

Membership in

Professional Bodies

1. Life Member: The Indian Science congress Association, Kolkata, India.
2. *Member*: International Association of Computer Science and Information Technology (IACSIT), Singapore, 609431.
3. *Member*: International Association of Engineers (IAENG).
4. *Member*: Institute of Advanced Scientific Research (IASR) Irvine CA 92612, USA.
5. *Member*: Academy & Industry Research Collaboration Centre (AIRCC) Communities

Editorial Board

1. Member : International Journal of Electrical, Electronics & Computer Science Engineering
2. Member : Indian Journal of Scholarly Research, ISSN 2278-8271

Academic Bodies (such as Board of Studies etc.,)

1. Member: Board of Studies in B.Sc (Information Technology), Affiliated Colleges of Alagappa University, Karaikudi.
2. Member: Board of Studies in Computer Science Programmes of Directorate of Distance Education, Alagappa University, Karaikudi

Resource persons in various capacities

Number of Invited / Special Lectures delivered: 01

Recent Publications

1. **P.Prabhu**, S.Selvabharathi, Genetic Algorithm Based Collaborative Filtering Model For Personalized Recommender System, International Journal of Advanced Technology in Engineering Sciences, Vol.No. 4, Issue 11, November 2016.
2. **P. Prabhu**, M. Mohamed Sirajudeen, B. Balaji, Knowledge And Density Based Fuzzy-Neuro Model for Collaborative Filtering Recommender Systems, Proceedings, International Journal of Innovative Research in Science and Engineering, Vol.No.2, Issue 09, September 2016. ISSN(O) 2454-9665, ISSN(P) 2454-0663, pp.149-155.
3. S. Muthuselvi and **P. Prabhu**, Digital Image Processing Techniques – A Survey, Golden Research Thoughts', Vol 5. Issue 11, May 2016. ISSN 2231-5063.
4. S.Muthuselvi, **P.Prabhu**, 'Compression and Canny Edge Detection Based Methods for Image Segmentation', International Journal of Advanced Research Trends in Engineering and Technology (IJRTET), ISSN 2394-3777 (Print) , ISSN 2394-3785(Online), Volume 3, Specil Issue 20, April 2016.
5. **P.Prabhu**, N.Anbazhagan, 'Performance Evaluation of Knowledge Based Fuzzy Logic Collaborative Filtering Model', International Journal of Science and Technology Management, Vol.No.4, Special Issue No.01, pp. 632-643, September 2015.
6. **P.Prabhu**, N.Anbazhagan, 'Performance Evaluation of Knowledge Based Collaborative Filtering Model', International Journal of Science and Technology Management, Vol.No.4, Special Issue No.01, pp. 531-542, September 2015.
7. **P.Prabhu**, N.Anbazhagan, ' A Neural Network Based Collaborative Filtering Model', International Journal of Science and Technology and Management, Vol.No.4 Special Issue No.01, pp.164-175, August 2015.
8. **P.Prabhu** and N. Anbazhagan, Performance Analysis of Back propagation Network Model for Personalized Recommender System, International Journal of Scientific and Research Publications, Volume 5, Issue 6, June 2015 ISSN 2250-3153.
9. **P.Prabhu** and N. Anbazhagan, A Novel Fuzzy-Neuro Model for Personalized Recommender System, International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) ISSN 2394-3777 (Print) ISSN 2394-3785 (Online) ,Vol. II, Special Issue XVIII, February 2015. pp 220-227.

10. **P.Prabhu** and *N.Anbazhagan*, A New Hybrid Algorithm for Business Intelligence Recommender System, International Journal of Network security & Its Applications(IJNSA), , March 2014, Volume 6. Number 2,pp.43-52, ISSN:0974-9330;0975-2307.
11. **P. Prabhu** and *N. Anbazhagan*, Fuzzy Filter Based Clustering Approach for Recommender System, European Journal of Social Sciences, Volume 41 No 4, February, 2014,pp 477-486, ISSN:1450-2267.
12. **P.Prabhu**, *N.Anbazhagan*, 'Data Clustering Algorithms - A Survey', Golden Research Thoughts', Vol 2. Issue 9, March 2013.ISSN 2231-5063.
13. **P.Prabhu**, 'Mapping Objects to Relational Database for Object Persistence', Indian Streams Research Journal, Vol 3, Issue 2, March 2013. ISSN 2230-7850.
14. **P.Prabhu**, *R.Jayshankar*, 'Evaluating Performance of Partition Based Document Clustering Algorithms for Information Retrieval', International Journal of Mathematical Archive, 2(9)2011, Pg 1572-1577, ISSN 2229-5046.
15. **P.Prabhu**, 'Document Clustering for Information Retrieval – A General Perspective', Indian Streams Research Journal, Vol I, Issue VIII, August 2011, Information Technology, ISSN 2230-7850.
16. **P.Prabhu**, 'Method for Determining Optimum Number of Clusters for Clustering Gene Expression Cancer Dataset', International Journal of Advance Research in Computer Science (Volume 2 No. 4, July-August 2011) pg 315-318 ISSN 0976-5697.
17. **P.Prabhu**, 'Discovery of Novel Patterns in Animal Dataset using Hierarchical Techniques', Indian Streams Research Journal, Vol I, Issue V, June 2011 Information Technology ISSN 2230-7850.
18. **P.Prabhu**, *N.Anbazhagan*, 'Improving the performance of k-means clustering for high dimensional dataset', International Journal of Computer Science and Engineering, Vol 3. No.6. June 2011 Pg 2317-2322. ISSN 0975-3397.