Faculty Profile

Name	:	Dr. P.Revathi
Designation	:	Guest Lecturer
Address	:	Government Arts and Science College, Thondamuthur
Contact Number	:	9994168300
Email ID	:	kvrevathi1@gmail.com
Date of Joining in Collegiate Education	:	12.01.2016
Date of Joining in the Present College	:	15.07.2019

Academic Profile

Degree	Institute/College	University	Period
BBA	Madras University, Chennai	Madras University, Chennai	2000-2003
MCA	Bharathiyar University, Coimbatore	Bharathiar University, Coimbatore	2004-2008
M.Phil.	PSGR Krishnamal College for women,peelamedu	Bharathiar University, Coimbatore	2009-2010
P. hD	Karpagam University, Coimbatore	Karpagam University, Coimbatore	2010-2015
DHMA	Nalan Institute of Hotel Management,singanalur	Alakapa University Karaikudi	2017-2019

Teaching Experience

   i.   Total   : 10years

  ii.   UG   : 7years 6months

 iii.   PG   : 10years

Name of the College	Position held	Period
Ph.D., in Karpagam University	Ph.D., Scholar	April-2010 to 2015
Ayyan Thiruvalluvar College of Arts & Science punjai pulliyampatti	Assistant Professor	12.01.2016-22.11.2016
Magaraja Arts and Science College	Assistant Professor	21.11.2016-12.07.2019
Government Arts and Science College, Thondamuthur	Guest Lecturer	15.07.2019-till date

Honors and Research Awards   : Ph.D.,in Computer Science Highly

commented

Field if Interest

    i.   Teaching   : Computer Science

    ii.   Research   : Data mining ,Machine learning ,Image Processing

    iii.   Proficiency and Instrumentation :

Research Guidance   : M.Phil.,& Ph.D.,in Computer Science

Guidance Number   : 14406-1/A2/2017 & 16/08/2017

(If have more than one University ,given them against

University name)

S.No	M..Phil / Ph.D	Student Name	Thesis Title	Completed/Ongoing
1.	M.Phil	Prabu.v	Collaborative Special and Temporal Based Strategies To Track Interests For User Clustering In Short Text Streams	Completed

Funded Projects   : NIL

Membership in professional Bodies   : NIL

S.no	Name of the Professional body	Membership detail with Number
	NIL	NIL

Research Publication

    i.   Research Papers   :

<u>Details of Publication</u>

- Revathi.P and M. Hemalatha, 2014. Classification of

Cotton Diseases Recognition Using CIG-MRAN Classifier With Particle Swarm Optimization, Journal of Theoretical and Applied Information Technology (**JATIT**), 60 (1):184-188 **(IF: 1.717).**

- Revathi.P and M. Hemalatha, 2013. An Improved Cotton Leaf Spot Disease Detection using Proposed Classifiers, International Journal of Engineering Research & Technology (**IJERT**), 2 (12):2144-2148. **(IF:1.76)**

- Revathi.P and M. Hemalatha, 2014. Identification of Cotton Diseases Based on CIG-DFNN Classifier with PSO Feature Selection, International Journal of Engineering and Technology (**IJET**), 5 (6):4637-4642. **Scopus.**

- Revathi.P and M.Hemalatha, 2013. Cotton Leaf Spot Diseases Detection Utilizing Feature Selection with Skew Divergence Method, International Journal of Scientific Engineering and Technology (**IJSET)**, 3(1):22-30. **IF: 0.489.**

- Revathi.P and M.Hemalatha, 2012. Computing Performance Evaluation of Cotton Leaves Spot Diseases Recognition using Image Segmentation, International Journal of Advanced Research in Computer Science (**IJARCS**), 3(3):401-404.

- Revathi.P and M.Hemalatha, 2012. Homogenous Identification of the Segmentation based Edge Detection Techniques for Proficient Cotton Leaf Spot Diseases, International Journal of Computer Applications (**IJCA**), 47(2):18-21. **(IF: 0.834)**.

- Revathi.P and M.Hemalatha, 2011. Efficient classification Mining Approach for Agriculture, International Journal of Research and Review of Information Science (**IJRRIS**), 1(2):43-45.

- Revathi.P and M.Hemalatha, 2011. Categorize the

Quality of cotton seed based on different Germination of the Cotton using Machine earning Approach, International Journal of Advance Science and Technology (**IJAST**), 36: 9-14.

- Revathi.P and M.Hemalatha, 2011. Knowledge Discovery in Diagnoise of Crops Diseases using Machine Learning Techniques, International Journal of Engineering Science Technology (**IJEST**), 3(9):7187-7190.

- Dr.P.Revathi.2017 Classification of Cotton Leaf Spot Disease Using Enhanced HPCCDD Algorithm (**IJRASET**),5(6):2493-2503.

- V.Prabu and .P.Revathi,2020.Unified framework towards collaborative user clustering on published short text (**INFOKARA RESEARCH**),9(2):726

- V.Prabu and P.Revathi,2020.An extenstive study on user clustering algorithms based on topic prediction for evolving data streams on short text. **(INFORMATION AND COMPUTATIONAL SCIENCE),**10(2):1453_1458.

| ii. | Book/Book Chapters | : NIL |
| iii. | Patent | : |

National and International Conference:

- Revathi.P and M. Hemalatha, 2012. SMS Based HPCCDD Algorithm for Identification of Leaf Spot Diseases, **Springer** Proceedings of the Fourth International Conference on Signal and Image Processing (**ICSIP**), and 1:49-56. **Scopus/Indexed.**

- Revathi.P and M. Hemalatha, 2012. Classification of cotton Leaf spot Disease using Image Processing Edge Detection Techniques., **IEEE** proceedings of the International Conference on Emerging Trends in

Science, Engineering and Technology (**INCOSET**):169-173.

- Revathi.P.,; K.S.,JamunaS., Karpagavalli ; M.S., Vijaya ; Gokilavani. E.Madhiya. Classification of Seed Cotton Yield Based on the Growth Stages of Cotton Crop Using Machine Learning Techniques ".**IEEE** Proceeding of the International Conference on Advance Computer Engineering, 20-21 June 2010.Bangalore.pg:312-315

- Revathi.P and M.Hemalatha, 2014.Cotton Dieases Indentification Using Proposed CIG-DFNN Classifier.Asian Journal of Scientific Research. **Scopus** and **higher Index**journal.7(2):225-231.

i. Participate

- Participated in the Engineering Research Workshop, Karpagam University, Coimbatore, 1-Sep.-12

- Participated in the Workshop on **MATLAB**, Karpagam University, Coimbatore, 20-Oct.-11.

- Participated in the International Seminar on Computational Intelligence Techniques held at Bharathiyar University on 30thDec 2008.

- Participated in the one day workshop on Open source tools and data mining Research held at NGP Arts and science college, Coimbatore, at Aug 8-2009.

- Participated in the 3days National Symposium on Research Direction computing science held on June 25-27-2009.GRGovidrajalu School of Applied Computing Technology.

ii. Paper Presented   :

iii. Poster Presented   :

Conference/Seminars Organized   :

- National Seminar on **Bio-Computing NSB-2000**, Periyar University, Selam, 2010
- Maharaja Arts and Science College Coimbatore. Dr.P.Revathi had actively organized "**TECHYTRICK_18**" an Intra Department function helded date 01.03.2018.
- Maharaja Arts and Science college Coimbatore. Dr.P.Revathi has actively organized **"EZRA_17"** an Inter _Collegiate meet helded date 24th Feb 2017.
- Maharaja Arts and Science College Coimbatore. Dr.P.Revathi has actively organized "**TECHYTRICK_2K19**" Intra department function helded date 22.02.2019.
- Dr.P.Revathi Guest Lecturer Bharathiyar University Arts Nd Science college,Thondamuthur. Has to organizing secretary for Three _Day National Level Workshop Research" **Methodology in Social Sceinces for Research Scolars** "helded date12.06.2020.

Workshop attended :

- Attended the one day International Workshop on Networks, Intelligence and Computing Technologies (**IWNICT 2011**), Karpagam University, Coimbatore, 17-Dec.-11.
- Dr.P.Revathi Guest Lecturer Department of Computer Science Bharathiyar University Arts and Science College,Thondamuthur. An attented A Seven_Day National Level Webinar Faculty Development Programme "**Multisdisciplinary**" helded date 11 to 17 May,2020.
- PSGR Krishnamal college for women Coimbatore. Dr.P.Revathi Guest Lecturer Department of Science Govt Arts and Science College, Thondamuthur has attended a one day faculty Development programme

"**Artificial Intelligenceand Machine Learning in Biological Data Analysis**" helded date 29.03.2021.

Resource Person Invited Lectures   : NILL

Faculty Development Programs Attended   :

University/Institute	Subject	Period
Bharathiar University Arts and Science College ,Thondamuthur	**Multisdisciplinary**	11 to 17 May,2020
PSGR Krishnamal College for women,Coimbatore	**Artificial Intelligence and Machine Learning in Biological Data Analysis**	29.03.2021

Academic activities   :

Subject Handled   :

UG	**PG**
C Programming	Digital Image Processing
C++ Programming	Computer Graphics & Multimedia
Software Testing	Web Services
Embedded System	Software Testing
Computer Graphics & Multimedia	Software Engineering
RDBMS & ORACLE	Client Server and Technology
Case Tools Techniques and Application	Mobile Computing

Internet Programming	R_TOOL LAB
Data Mining	
Software Project management	
Introduction to Information Technology	
Database Management System	
C++programming &Oracle	
Internet& Web designing	
Software Development with Visual Basic	
Cyber Law	

    i.   Teaching   :

Introduction to Information Technology

Database Management System

C++programming &Oracle

Internet& Web designing

Software Development with Visual Basic

Cyber Law

   ii.   Class advisor   :
  iii.   Special Coaching   :

iv.   Student community Beneficial activities   :

v.   Co-curricular and extra curricular   :

       Activities

Professional activities

i.   Reviewer   :

> Excellence in Reviewing awarded to Dr.P.Revathi Bharathiar University Arts and Science College Constitutional, "India Asian Journal of Research Computer Science-2020" Certificate No : SDI/HQ/PR/Cert/64295/PRE

> Excellency in Peer Reviewing awarded to Dr.P.Revathi Bharathiar University Arts and Science College Constitutional College, "International Knowledge Press 2020-PlantCell Biotechnology and Molecular Biology" Certificate No: IKP/PR/Cert/8729/PRE

ii.   Board of Studies/UR   :

iii.   Examiner/Scrutiny   : Bharathiar University, Examiner for
                                             Both UG and PG

iv.   Senate/Syndicate   :

        National International collborators   :

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