

Name : Mrs. P. SHANTHI
Designation : Assistant Professor
Department : Artificial Intelligence & Machine Learning
Qualification : MCA., M.Phil., M.Sc (Mathematics), NET
Experience : Teaching: 18.1 Years Research: 10 Years
Area of Specialization(s) : Data Warehousing and Mining
Email (Official ID) : shanthi.p@drngpasc.ac.in



Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
M.Phil	Computer Science	Madurai Kamaraj University	May 2009
MCA	Computer Application	Bharathidasan University	Apr 2002
M.Sc	Mathematics	Bharathiar University	May 2015
B.Sc	Mathematics	Kongunadu Arts & Science College	Apr 1999

Academic Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
NET	Computer Science	UGC	2013
Certification	Computer Science	IIT Khanpur, NPTEL Big Data Computing	2021

Research Guidance

Programme	No. of Scholars	
	Completed	Pursuing
M. Phil.	16	-

Book Publications

S.No	Title of Books/Chapter published	ISBN Number Proceeding	Name of the Publisher	Month & Year of Publication
1	Internet of Things Principles	978-93-95341-54-7	SKRGC Publications, Madurai.	March 2023

Research Publications (Indexed)

International

- **“An Enhanced Kuhn Munkres Algorithm for Improving Computational Performance”** in the International Journal for Research in Applied Science & Engineering Technology, Volume 6, Year 2018, Pages 770-773. (Indexed in Google Scholar).
- **“Proficient Mining and Suggestions In Online By Means Of User Behavior”** in the International Journal of Advance Research, Ideas and Innovations in Technology, Volume 3, Year 2017, Pages 711-718. (Indexed in Google Scholar).
- **“Clustering Medical Data Using Subspace and Parallel Approximation Algorithm”** in the International Journal of Science and Research, Volume 3, Year 2014, Pages 820-824. (Indexed in Google Scholar).

Other Publications

- **“Early Prediction of Heart Attack Using ENN TLBO Classifier”** in the International Journal of Innovative Research in Computer and Communication Engineering, Volume 9, Year 2021, Pages 135-140.
- **“Features based opinion mining on online mobile products using data mining classification techniques”** in the Indian Journal of Innovations and Developments , Volume 5, Year 2016, Pages 1-9.
- **“Enhancing The Cluster Head Node Selection Representation In Manet”** in the International Journal for Research in Science Engineering and Technology, Volume 3, Year 2016, Pages 28-34.
- **“An Efficient Deduplication Process Of Load Balancing Method In Cloud Storage”** in the International Journal for Research in Science Engineering and Technology, Volume 3, issue 11, Year 2018, Pages 18-27.
- **“A Distributed Intelligent Framework for Handling Dynamically Arriving Information”** in the International Journal of Science and Research (IJSR), Volume 2 , Year 2013.
- **“Efficient Intelligent Virtual Agents for Developing Game Application Using PRS Engine”** in the International Journal of Science and Research (IJSR), Volume 3, Year 2012.

Presentations in Conference

- **“Dependency Optimization using Machine Learning Approach for Test Case Prioritization”** in National Conference- Research Issues in Soft Computing at Rathinam College of Arts & Science, Coimbatore.
- **“Reducing the Time Delay of Backbone Networks”** in the National Conference – Innovative Intelligence in Computer Technology at Adithya Institute of Technology, Coimbatore.
- **“Fast Query Point Technique with Sufficient Feature Extraction for CBIR Systems”** in the National Conference – Computer Applications in Service Sector: Models & methods at Dr. NGP Arts & Science College, Coimbatore.

Participation in Faculty Development Programme

AICTE sponsored Short Term Training programme (STTP)

- **“Data Science and Big Data Analytics”** held from 14/06/2021 to 19/06/2021 organised by Avinashilingam Institute for Home science and Higher Education for Women.

Spoken Tutorial Project, IIT Bombay

- **R Programming** organized at **Sona College of Technology in January 2020** semester funded by the **National Mission on Education through ICT, MHRD, Govt. of India.**
- **Python Programming** from 18.05.2020 to 22.05.2020 organized by the department of Information Technology, Sona College of Technology, Salem.

Faculty Development Programme

- **Technologies for Transformation(ICT in Education, Data Analytics using R, Data Visualization using Tableau, Machine Learning, AI and its components)** from 01.06.2020 to 05.06.2020 organized by Sri Jayendra Saraswathy Maha Vidyalaya College of Arts and Science, Coimbatore.
- **IOT-APPLICATIONS** from 01.06.2020 to 05.06.2020 organized by Vikas Group of Institutions, Andhra Pradesh.
- **INDUSTRIAL REVOLUTION 4.0: EMERGING TRENDS IN INFORMATION TECHNOLOGY** organized by School of Computer Science, PPG College of Arts and Science, held during 21.05.2021 to 28.05.2021 (7 Days).
- **Artificial Intelligence & Machine Learning** organized by School of Computer Science , PPG College of Arts and Science , Coimbatore from June 28.07.2021 to 05.07.2021(7 Days).
- **Introduction to Python Programming (Online Live FDP)** conducted by **ICT Academy** on 27.09.2021 to 01.10.2021.
- International Faculty Development Program on **Research Article Writing and Publishing** organised by the Department of Computer Science and Commerce, Sri Jayendra Saraswathy Maha Vidyalaya College of Arts and Science, Coimbatore in collaboration with Atal Bihari Vajpayee Trust, ABHAV Foundation,Bilaspur, Chattisgarh held from 25.10.2021 to 29.10.2021.
- **Emerging Trends and Challenges in Higher Education and Research** organized by IQAC of Prince Shri Venkateshwara Arts and Science College, Gowrivakkam, Chennai, from 18.4.2022 to 22.4.2022.
- One week International FDP on **Next Generation Computing : Key Trends, Challenges and Opportunities** organized by the Department of Computer Science & Applications (MCA), SRM Institute of Science & Technology, Ramapuram Campus from 18.04.2022 to 23.04.2022.
- Two Weeks International Virtual PDP on **DATA SCIENCE : A REVELATION OF THE MODERN DIGITAL ERA**, organized by the Department of Computer Science & Applications (MCA), SRM Institute of Science & Technology, Ramapuram Campus from 29.08.2022 to 10.09.2022.

- **International Virtual FDP on “Personality Grooming - Handling Stress and Emotional Intelligence** organized by IQAC & Department of Commerce with Information Technology of PPG College of Arts and Science, Coimbatore, Tamilnadu from 02.01.2023 to 06.01.2023.
- **National Educational Policy-Challenges and Opportunities in Higher Education** jointly organized by the Department of Microbiology and Centre of Excellence for Faculty Development, Hindusthan College of Arts & Science, Coimbatore held from 13.02.2023 to 21.02.2023.
- 6 Days Faculty Development Programme on **Data Visualization** organized by the Department of Computer Studies (CS / CA / IT / CT / CGS & AIML), Coimbatore, Tamil Nadu, India from 13.03.2023 to 20.03.2023.
- **Data Science Specialization using Python** from 19.06.2023 to 23.06.2023 organized by the Department of Computer Science, Dr.SNS Rajalakshmi College of Arts and Science, Coimbatore

Membership in Professional Bodies

Name of the Professional Body	Nature of membership	Duration
International Association of Engineers(IAENG) Member ID: 309493	Life time	-