

Name	Dr. Gayathiri P				
Designation	Assistant Professor				
Address for communication with E-Mail & Mobile No.	Department of Computer Science Indira Gandhi College of Arts and Science Kathirkamam, Puducherry E-Mail: gayathirip@dh tepdy.edu.in Mobile No.: 9385972065				
Educational Qualification (from UG Level onwards)	Degree	Institution/University		Month & Year of Passing	Class/%/CGPA
	B.Sc.	Bharathiar University		April 1995	First
	M.C.A.	Bharathidasan University		May 1998	First
	M.Phil.	Madurai Kamaraj University		August 2006	First
	Ph.D.	Bharathiar University		September 2020	Highly commented
Teaching Experience	UG:	Years: 21		PG:	Years: 12
Research Experience/Area of Specialisation	Datamining, Machine learning, Algorithm optimization				
No. of Papers Presented in Conference/ Seminars/ Symposia	National:	1		International:	-
No. of Papers Published in Journals/Books	National:	-		International:	5
No. of Conference/ Seminars/Symposia Organized	Workshop:	1	Seminar:	5	Conference: -
No. of Conference/ Seminars/Symposia Attended	Workshop:	2	FDP:		Conference: 1
Refresher course attended	2				
Orientation course attended	1				

<p>Details of Papers Presented in Conference/ Seminars/ Symposia</p>	<p>National Conference on “ Recent Advances in Computing and Communications” ‘Hybrid Association Rule Hiding for DNA Masking: A Genetic Algorithm Approach’ School of Science of the College in association with Computer Society of India, 26th and 27th March, 2015, Shri Shankarlal Sundarbai Shasun Jain College for Women, Chennai</p>																				
<p>Details of Papers Published in Journals/Books</p>	<p>Gayathiri, P., and B. Poorna. "Effective Gene Patterned Association Rule Hiding Algorithm for Privacy Preserving Data Mining on Transactional Database." <i>Cybernetics and Information Technologies</i> 17.3 (2017): 92-108.</p> <p>Gayathiri, P., Poorna, B. "Association rule hiding for privacy preserving data mining: a survey on algorithmic classifications." <i>International Journal of Applied Engineering Research</i> 12.23 (2017): 13917-13926.</p> <p>Gayathiri, P., and B. Poorna. "Association rule hiding techniques for privacy preserving data mining: A study." <i>International Journal of Advanced Computer Science and Applications (IJACSA)</i> 6.12 (2015).</p> <p>GAYATHIRI, P., POORNA, B. "GRAVITATIONAL SEARCH ALGORITHM FOR EFFECTIVE SELECTION OF SENSITIVE ASSOCIATION RULES." <i>Journal of Theoretical & Applied Information Technology</i> 96.10 (2018).</p> <p>Gayathiri P., B. Poorna "Fishers Filtered Gravitational Rule Selection and Weighted Rank Based Genetic Algorithm for Association Rule Hiding to Preserve Privacy in Transactional Database." <i>International Journal of Computer Sciences and Engineering</i> 9.2 (2021): 29-38.</p>																				
<p>Details of Conference / Seminars/ Symposia Attended</p>	<table border="1"> <thead> <tr> <th data-bbox="293 1272 746 1391">Name of the Seminar/Conference/Symposia Workshop, etc</th> <th data-bbox="746 1272 1086 1391">Name of the Sponsoring Agency</th> <th data-bbox="1086 1272 1406 1391">Place and Date</th> </tr> </thead> <tbody> <tr> <td data-bbox="293 1391 746 1469"></td> <td data-bbox="746 1391 1086 1469"></td> <td data-bbox="1086 1391 1406 1469"></td> </tr> <tr> <td data-bbox="293 1469 746 1659">Insight and Trend in Data Analytics</td> <td data-bbox="746 1469 1086 1659">Department of Computer Science and Engineering in association with Computer Society of India.</td> <td data-bbox="1086 1469 1406 1659">21.08.2020 to 26.08.2020, Online, KARPAGAM COLLEGE OF ENGINEERING</td> </tr> <tr> <td data-bbox="293 1659 746 1850">Online Educational Resources For Effective Remote Teaching</td> <td data-bbox="746 1659 1086 1850">Department of Computer Science, School of Engineering and Technology, Pondicherry University</td> <td data-bbox="1086 1659 1406 1850">10.08.2020 to 14.08.2020, Online</td> </tr> <tr> <td data-bbox="293 1850 746 1968">Predictive Modeling and Data Analysis using Python Based Machine Learning Technique</td> <td data-bbox="746 1850 1086 1968">Sri Sai Ram Institute of Technology, Chennai</td> <td data-bbox="1086 1850 1406 1968">03/08/2020 to 08/08/2020, Online</td> </tr> <tr> <td data-bbox="293 1968 746 2042">Machine Learning using Python</td> <td data-bbox="746 1968 1086 2042">Ramco Institute of Technology, Chennai</td> <td data-bbox="1086 1968 1406 2042">08/07/2020 to 12/07/2020, Online</td> </tr> </tbody> </table>			Name of the Seminar/Conference/Symposia Workshop, etc	Name of the Sponsoring Agency	Place and Date				Insight and Trend in Data Analytics	Department of Computer Science and Engineering in association with Computer Society of India.	21.08.2020 to 26.08.2020, Online, KARPAGAM COLLEGE OF ENGINEERING	Online Educational Resources For Effective Remote Teaching	Department of Computer Science, School of Engineering and Technology, Pondicherry University	10.08.2020 to 14.08.2020, Online	Predictive Modeling and Data Analysis using Python Based Machine Learning Technique	Sri Sai Ram Institute of Technology, Chennai	03/08/2020 to 08/08/2020, Online	Machine Learning using Python	Ramco Institute of Technology, Chennai	08/07/2020 to 12/07/2020, Online
Name of the Seminar/Conference/Symposia Workshop, etc	Name of the Sponsoring Agency	Place and Date																			
Insight and Trend in Data Analytics	Department of Computer Science and Engineering in association with Computer Society of India.	21.08.2020 to 26.08.2020, Online, KARPAGAM COLLEGE OF ENGINEERING																			
Online Educational Resources For Effective Remote Teaching	Department of Computer Science, School of Engineering and Technology, Pondicherry University	10.08.2020 to 14.08.2020, Online																			
Predictive Modeling and Data Analysis using Python Based Machine Learning Technique	Sri Sai Ram Institute of Technology, Chennai	03/08/2020 to 08/08/2020, Online																			
Machine Learning using Python	Ramco Institute of Technology, Chennai	08/07/2020 to 12/07/2020, Online																			

	Recent Trends in Data Science & Big Data Analytics	Faculty of Computer Science, KG College of Arts and Science	28.06.2021 to 03.07.2021, Six Day Virtual Faculty Development Programme, KG College of Arts and Science
	Challenges in Cybercrime and Enforcement of Cyber Security	Dr.M.G.R. Educational and Research Institute (DEEMED TO BE UNIVERSITY)	06/06/2020 to 12/06/2021, Online
	Deep Learning for Medical Data Analysis, Visualization and Prediction	EducLabs (Esoir Business Solution LLP)	01/06/2020 to 05/06/2021, Online
	Application of Moodle LMS	Crescent Institute of Engineering and Technology, Chennai	11/06/2020 to 25/06/2020, Online
	Computational Intelligence	P.S.G. College of Arts and Science, Coimbatore	12/05/2020 to 16/05/2021, Online
	'Developing Teachers' Overall Personality'	Perna College of Commerce, Nagpur	11/05/2020 to 20/05/2020, Online
	Attended Two-Days TEQIP-3 sponsored workshop on IoT Applications Using Arduino (IoTUA)	Department of Computer Science and Engineering, Pondicherry Engineering College	Pondicherry Engineering College, Puducherry on 18 th and 19 th October, 2019.
	Participated in two days Techno Workshop Series on Machine Learning,	E-CELL IIT MADRAS	2 nd February, 2019 to 3 rd February, 2019 at IIT MADRAS.
	Advanced teaching Techniques	RUSA Perunthalaiver Kamarajar Arts College, Puducherry. ICT Academy of Tamilnadu	17 th to 19 th Aug,2015 Perunthalaiver Kamarajar Arts College, Puducherry.
	National Workshop on Advanced Trends in Optimization Methods & Their Applications (ATOMA-2014)'	U.G.C. Dept. of Computer Science and School of Engineering and Technology	8 th -12 th September, 2014 Pondicherry University
	National Seminar on 'Academic and Technical Report Writing'	College U.G.C Coordination Cell	27 th and 28 th September , 2013 Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai
	Workshop on Research	Computer centre, MIT	Anna University

	Methodologies in Anna University, Chennai.	Campus Anna University Chennai	Chennai 4 th to 6 th January 2013
	FDP on Current Research Trends in Computer Science	Dept. Of Computer Science Anna Adarsh College for Women, Chennai	14 th September 2012
	International Conference on Communication, Computing and Information Technology in Presented: An Effective Artificial Swapping Model for Protecting Sensitive Information in Privacy Preserving Data Mining	M.O.P. Vaishnav College for Women, Chennai-34.	M.O.P. Vaishnav College for Women, Chennai-34 21 st & 22 nd December 2012
	FDP on Effective Paper Presentation & Article Publishing	Ethiraj College for Women, Chennai-8	Ethiraj College for Women, Chennai-8 5 th & 6 th August 2010
	Three Day International Conference Transcending the feminine mystique- Perspective	Anna Adarsh College for Women, Chennai	Anna Adarsh College for Women, Chennai, 19 to 21 August 2009
Details of Refresher course attended	Refresher Course in Computer Sciences 03-11-2017 TO 23-11-2017 PONDICHERRY UNIVERSITY		
	Refresher Course in Computer Sciences 10-11-2021 TO 23-11-2017 BHARATHIAR UNIVERSITY		
Details of Orientation course attended	Orientation Programme / FIP 15-09-2015 12-10-2015 PONDICHERRY UNIVERSITY		
Other relevant information, if any (Achievements , Awards, etc.)	<p>ACADEMIC CONTRIBUTIONS</p> <p>Contributions at Directorate of Higher and Technical Education(DHTE)</p> <ul style="list-style-type: none"> Member of the Expert Committee constituted by DHTE to conduct inspection to assess the suitability of granting NOC by Govt. for Starting New College/Course/Closure of existing courses. Was nominated from college to attend special training to use the GeM portal for purchase of equipment. <p>Contributions to College</p> <ul style="list-style-type: none"> As the Senior most faculty of the college, has been Principal-in-charge of the college during the absence of the Principal.in Rajiv Gandhi Arts and Science College. Nodal Officer, Member of Board of Governors, Geo-tagging officer and member of Project monitoring committee for RUSA, Perunthalaivaer Kamarajar Arts college. Member of the IQAC committee at Perunthalaivaer Kamarajar Arts college Member of the IQAC committee Rajiv Gandhi Arts and Science College. IQAC coordinator at Rajiv Gandhi Arts and Science College from the academic year 2019-2020 to 2020-2021 		

- | | |
|--|---|
| | <ul style="list-style-type: none">• Web site committee Convener of Perunthalaivaer Kamarajar Arts college and Rajiv Gandhi Arts and Science College.• Functioned as Chief superintendent of examinations to conduct University examination at Rajiv Gandhi Arts and Science College• Was nominated from college as a University Advisory committee member from 2019 to 2021 at Rajiv Gandhi Arts and Science College.• NIRF• ARIIA• CMS• Admission• NAAC coordinator |
|--|---|

Contributions at University Level

- Member, Board of studies, Department of Computer Science, Pondicherry University from 2017 till date. Has made significant contribution in designing the syllabus.