

NEHRU MEMORIAL COLLEGE (AUTONOMOUS)

PUTHANAMPATTI-621007

STAFF PROFILE



NAME OF THE STAFF : Dr.V.PRIYA
DESIGNATION : ASSOCIATE PROFESSOR
DEPARTMENT : COMPUTER SCIENCE

1. CONTACT

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2. ACADEMIC QUALIFICATIONS

Degree	College/University/Board	Year of Passing/ Awarded
Ph.D	BHARATHIDASAN UNIVERSITY	2021
M.Phil	BHARATHIDASAN UNIVERSITY	2004
M.Sc	Nehru Memorial College	2001
B.Sc	Kandasamy Naidu College, Cuddalore	1999

3. TEACHING EXPERIENCE

S. No.	Institution	Duration	No. of Years	
			UG	PG
1	Nehru Memorial College (Autonomous), Puthanampatti	21.06.2001 to Till date	20 years	20 years

4. RESEARCH EXPERIENCE (in years): 12 years

Research Stage	Title of work / Thesis	University where the work is/was carried out
Ph.D	Performance Enhancement of ECLAT Algorithm in Cloud Computing	Bharathidhasan University, Trichy
M.Phil	Delayed Just Enough Time Schedule Protocols	Bharathidhasan University, Trichy

5. AREA OF RESEARCH :

1. Computer Networks 2.Data Mining 3.Cloud Computing

6. RESEARCH GUIDANCE (In Numbers)**

Program of Study		Completed	Ongoing
Research	Ph. D.	-	-
	M. Phil.	11	1
Project	PG	25	4

7. PUBLICATION(S) (In Numbers)**

Journal(s)		Proceeding(s)		Book(s) / Chapter(s) / Monograph(s) / Manual(s)
International	National	International	National	
5	-	-	1	-

Cumulative Impact Factor (as per JCR)	
h-index	
Total Citations	

8. PRESENTATION(S) (In Numbers)**

Events	International	National	State	Regional
Conference(s)	2	3	-	-

Seminar(s)				
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9**. PARTICIPATION (In Numbers)

Events	International	National	State	Regional
Conference(s)				
Seminar(s)				6
Workshop(s)	1	2	4	6
Symposium(s)				

10**. PROFESSIONAL DEVELOPMENT (In Numbers)

Orientation Programme(s)	Refresher Course(s)	Faculty Development Programme(s)	Short Term Course(s)	Online Course(s)
-	-	6	-	2

11. EVENT(S) ORGANIZED

S. No.	Name of the Programme	Role of Responsibility held	Name of the Resource Person	Date of the Event
1	Seminar on "Machine Learning"	Organizer	Dr. Shanmugavadivu, Professor, Gandhigram Rural University, Dhindukkal	28.08.2019
2	State Level Workshop for "Application development using PYTHON"	Convener	Dr.M.Muralidharan, Prof.K.Ponvel Azhagu Lakshmi Dr.P.Kalpana	17.02.2017 and 18.02.2017
3	Inter-Collegiate Competition (ThinkQuest'18)	Convener	R.R.Suresh SAP consultant, Chennai	28.02.2018
4	Seminar on "SAP and its Applications"	Convener	R.R.Suresh SAP consultant, Chennai	21.09.2015
5	OPTRA'15	Convener	Praveen Jorge	15.03.2015
6	Seminar on "Data Structure"	Convener	Prof.Joe Iruthayaraj, St. Joseph College, Trichy	23.07.2014
7	Inter-Collegiate Competition (ThinkQuest'13)	Convener	Dr.G.Gobinath Registrar Bharathidasan University	01.03.2013
8	Inter-Collegiate	Convener	Dr. M.A. Maluk	12.02.2012

	Competition (ThinkQuest'12)		Mohamed Principal College	,M.A.M
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1. **ACADEMIC / ADMINSTRATIVE RESPONSIBILITIES HELD**

* Serving as a Department Placement Co-coordinator from 2012 to till.

*Serving as a MQAC from 2018 to till.

13. SERVED AS A RESOURCE PERSON (INVITED TALKS / GUEST LECTURES)

Sl. No.	Resource Person	Name of the Institution	Date of the Event
1	Software Engineering(Input-Output Design)	Nehru Memorial College	06.05.2021
2	Code yourself in Python for Beginners	University College of Engineering- Dindigul	29.07.2020 To 02.08.2020
3	Problem solving and Python Programming	University College of Engineering- Dindigul	22.06.2020 To 28.06.2020
4	Exploratory data analysis using PYTHON, R and Spread Sheet	Nehru Memorial College	29-01-2020 to 31-01-2020
5	Software Engineering	Nehru Memorial College	30.11.2019
6	Code Yourself with Python	St.Antony's College of Arts and Science for women,Dindigul	24.03.2017 to 25.03.2017
7	Application development Using Python	Nehru Memorial College	17.02.2017 to 18.02.2017
8	Interactive Programming using Python	Nehru Memorial College	24.02.2016 to 26.02.2016
9	Game development using Python	Nehru Memorial College	29.09.2014 to 31.09.2014

14. DETAILS OF MEMBERSHIP

Academic Bodies (Board of studies)	Member in Board of Studies: B.Sc Computer Science : 2005 to till
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	BCA :2008 to till MCA: 2008 to till M.Sc Computer Science:2005 to till M.Sc IT: 2005 to 2015
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15. EXTENSION ACTIVITIES / OUTREACH PROGRAMME

S. No	Title	Place	Date	Beneficiaries
1	<i>Python Programming(Sqlite)</i>	<i>Government Higher Secondary School (ADW), M.R.Palayam, Musiri-TK,Trichy</i>	<i>04/12/2019</i>	<i>12th Students</i>
2	<i>Digital Awareness Programme</i>	<i>Sengunthar Higher Secondary School</i>	<i>31th July 2019</i>	11th Students

16. DETAILS OF RESEARCH GUIDANCE

M. Phil. (Completed)			
S. No.	Name	Title of thesis	Year of award
1	T.Mythili	Ensemble Approach To Identify Quantitative Multidimensional Association In Healthcare Data	28.04.2021
2	P.Tamilarasan	Analysis of Association Rule Mining Using FP-Growth and Parallel Eclat	26.07.2017
3	R.Vasumathi	SHA- NEW: A Modified Approach to SHA	26.07.2017
4	K.Devipriya	Improved Health Record Mining Using Supervised Machine Learning with Recommendation	26.07.2017
5	Pradeepa.S	Anti-Theft ATM Robbery System for Big Video Surveillance using Improved_SVM Algorithm	26.07.2017
6	V.Arunkumar	Medium Access Control and Quality of service Routing For Mobile Adhoc Networks	09.03.2017
7	D.Muthulakshmi	Secure Routing for Preventing Packet From Wormhole Attack in	2013

17. DETAILS OF PUBLICATIONS**(a) JOURNAL(S)**

- 1 Priya V, Dr.S.Murugan, “Performance Comparison of the Cloud Optimized Eclat Growth and Multi-Core Processing Cloud Eclat Growth” in the **International Journal of Scientific & Research (IJSTR)**, a UGC-Care (Scopus Indexed) list, ISSN: 2277-8616 (Online), Volume 9 - Issue 3, March 2020 Edition.
<http://www.ijstr.org/paper-references.php?ref=IJSTR-0320-32860>
- 2 Priya V, Dr.S.Murugan, “Multi-Core Processing Cloud Eclat Growth” in the **International Journal of Engineering and Advanced Technology (IJEAT)**, a UGC-Care (Scopus Indexed) list, ISSN: 2249-8958 (Online), Volume-8 Issue-6, August 2019, Page No.:4063-4072.
www.ijeat.org/wp-content/uploads/papers/v8i6/F8633088619
- 3 Priya V, Dr.S.Murugan, "Cloud Optimized Eclat Growth (COEG) using Fuzzy Logic" in the **International Journal of Distributed & Cloud Computing (IJDCC)**, a UGC approved journal , ISSN: 2321-6840 ,Volume-7 Issue-I, June 2019.
publishingindia.com/.../Volume7Issue1
- 4 Priya. V,Dr.S.Murugan . "A Performance Analysis of Improved_Eclat Algorithm in Association Rule Mining" in the **International Journal of Computer Science and Engineering (IJCSE)**, a UGC approved journal , ISSN: Vol.06 , Special Issue.11 , pp.9-13, Dec-2018 .
www.ijcseonline.org/full_spl_paper_view/paper_id=531
- 5 Priya. V,Pradeepa.S . " Anti-Theft ATM Robbery System for Big Video Surveillance using Improved_SVM Algorithm" in the **International Journal of Computer Science and Engineering (IJCSE)**, a UGC approved journal , ISSN: Vol.06 , Special Issue.11 , pp.124-130, Dec-2018 .
www.ijcseonline.org/full_spl_paper_view/paper_id=555
- 6 Priya.V,K.Devipriya, ”Improved Health Record Mining using Supervised Machine Learning with Recommendation” in the **International Journal of Engineering and Management Research(IJEMR)**, Year : 2017, Volume : 7, Issue: First page :(134) Last page :(143) ISSN : 2394-6962. Online ISSN : 2250-0758. www.indianjournals.com/ijor

(b) PROCEEDING(S)

S. No	Name of the author/s	Title of the paper	National / International	Name of Conference	Page No & Year	ISBN
1	V.Priya Dr.S.Murugan	Reviw:Vertical Data Format of Frequent Pattern Mining Algorithm	National	National Conference on Emerging Trends in Digital Transformation – ETDT 2018	Page no:207 30 th July 2018	978-81-933447-3-6

18 DETAILS OF PRESENTATION(S)**(Conference(s) / Seminar(s))**

1	Presented a paper entitled " A Performance Analysis of Improved_Eclat Algorithm in Association Rule Mining" in the International conference on BloomingTrends in Tech challenges And Opportunities" organized by National College(Autonomous), Trichy, on 27 th and 29 th September 2018 .
2	Presented a paper entitled " Anti-Theft ATM Robbery System for Big Video Surveillance using Improved_SVM Algorithm" in the International conference on BloomingTrends in Tech challenges And Opportunities" organized by National College(Autonomous), Trichy, on 27 th and 29 th September 2018 .
3	"Best Presentation" award from Imayam Arts and Science College,Thuriyur for presenting a seminar paper, "A Detail Survey on Various Frequent Itemset Mining in Datamining" in the National seminar on 06 th October-2017
4	Presented a paper entitled " Review:Vertical Data Formats of Frequent Pattern Mining Algorithms" in the National conference on Emerging Trends in Digital Transfrmation-ETDT 2018 organized by Government College for Women, Maddur, karnataka,on 30 th July 2018 with ISBN : 978-81-933447-3-6.
5	Presented a Paper entitled, "Technology and functionalities of Mobile Computing a Boon for Business fraternity", National Conference on Parallel and Distributed Computing at Cauvery College for Women, Trichy on 30 th & 31 st March-2006.

19. DETAILS OF PARTICIPATION**(Conference(s) / Seminar(s) / Workshop(s) / Symposium(s))**

Workshops attended:	
1	Machine Learning with Python ,NIT Warangal, Apr 12 th to 16 th 2021
2	Comprehensive e-Learning to e-Training guide for Administrative work,Ramanujan College,University of Delhi, May25 th to June 5 th 2020
3	Innovative Curriculum Designing UGC Sponsored Workshop Nehru Memorial College,Puthanampatti 24 & 25 November 2017
4	Administrative skill Development(ASD) UGC Sponsored Training Program Nehru Memorial College,Puthanampatti 23 & 24 February 2017
5	Video Lesson Preparation Teaching and Learning Centre NIT,Trichy 19 th December 2016

6	Data Science Research, Department of Science and Technology, Government of India Dept. of CA and CS&Engineering, NIT, Trichy 3 rd to 5 th November 2016
7	LaTeX, ABEL Interdisciplinary Research cell, Nehru Memorial College, Puthanampatti 11 & 12 th Nov'2013
8	e-Content Development UGC Sponsored Training-cum-Production Workshop Nehru Memorial, College, Puthanampatti 23 to 26 th Oct 2013
9	Big Data Analytics, Anna university Coimbatore, 18 & 19 Oct'2013
10	Research methods and LaTeX, TEQIP-II Sponsored workshop, NIT, Trichy 20 & 21 sep'2013
11	Writing Effective Conference Papers, National Mission on Education through ICT (MHRD), IIT Bombay, Institute of Road and Transport Technology Remote Center, Erode, 18 th and 19 th Feb 2012
12	Capacity Building of Women Managers in Higher Education, UGC Sponsored Sensitivity/Awareness/Motivation Workshop Bharathidasan University, Trichy Jan'17 th to 21 st Jan 2012
13	NS2 Simulation Techniques in Wireless Networks, Karunya University, Coimbatore 20 th Nov'2010
14	Mathematical Computations with MATLAB, Nehru Memorial College, Puthanampatti 19 th sep'2008
15	Workshop on "Algorithms", NIT, Trichy 8 th , 9 th , 10 th Aug'2008
Seminar Attended:	
1	Coding Theory and Machine Learning Nehru Memorial College Puthanampatti 19 th March 2019
2	Challenges and changes in the evaluation System, sponsored by NAAC, Bangalore at Jamal Mohamad college, Trichy on 26.02.2019
3	Recants Trends in Research On Computer Science and Applications Saranathan college of Engineering Trichy 17 th Aug 2012
4	Embedded Systems and its Applications UGC Sponsored Seminar Nehru Memorial College, Puthanampatti 13 th Mar 2012
5	Seminar on " <i>Examination Reforms</i> " sponsored by UGC on 16.02.2013
6	Seminar on " <i>Examination Reforms</i> " sponsored by UGC on 15.03.2012
Webinar Attended	
1	Python for Natural Language Processing, Avinashilingam Institute for Homescience and Higher Education for Women, Coimbatore, 7 th Oct 2020
2	Agile Methodology - Practices for software Development and Testing, Bishop Heber College, Trichy, 31 st July 2020
3	Changing role of Information Technology COVID & POST COVID: disruptive Approach to teaching & Learning, NMC, 28 th July 2020
4	Data Analytics & Applications, Bishop Heber College, Trichy, 12 th June 2020
5	E-Learning and MOOCs in Higher education and New role of Teachers, Sri GVG Visalakshi College for women, Udumalpet, 18 th May 2020.
6	Microsoft Azure and its Services, Bishop Heber College, Trichy, 27 th May 2020
7	How to create Web project using JSP, Servlet, JDBC Connection, Netbeans, Bonsecours College for Women Thanjavur, 30 th April 2020

(Orientation / Refresher Course / FDP / Short Term Course / Online Course)

Faculty Development Programmes attended in the College:	
1	Faculty Development Programme (FDP) on "Outcome Based Education: Mapping and Rubrics" organized by IQAC,NMC on 20&21 st May 2021
2	Faculty Development Programme (FDP) on "Online Teaching, Learning and Evaluation" organized by IQAC,NMC on 10,11 th Aug 2020
3	Faculty Development Programme (FDP) on "Student Skills, Mentoring and Counselling" organized by IQAC on 30.05.2019
4	Faculty Development Programme sponsored by UGC on 11, 12 th June , 2018.
5	Faculty Development Programme on " <i>Effective Teaching</i> " sponsored by UGC on 12.06.2017
6	Faculty Development Programme on " <i>Revisiting Examination System in the current scenario</i> " organized by IQAC on 19.03.2016
7	Faculty Development Programme on " <i>Impact of Research on teaching in Higher Education</i> " organized by IQAC on 11.06.2014
8	Faculty Development Programme in " <i>Higher Education</i> " organized by IQAC on 21.01.2012

Online Courses:	
1	Microsoft Innovative Educator , 2019
2	Khan Academy ,2019.
3	An Interaction to Interactive programming in python, Rice University, 2013



V.PRIYA

