

## BIO - DATA

### PERSONAL INFORMATION

- 1. Name** : **Dr. R. MERLIN PACKIAM**
- 2. Qualification** : MCA, M.Phil., NET, Ph.D.,
- 3. Designation** : Associate Professor and Head
- 4. Department** : Computer Applications
- 5. Date of Birth** : 21-07-1975
- 6. Date of Appointment** : 02.01.1999
- 7. Official Address** : Associative Professor and Head,  
Department of Computer Applications,  
Cauvery College for Women(Autonomous), Trichy-18.  
Phone No. (0431) 2751232
- 8. Residential Address** : A-206, Trichy Towers,  
Salai Road, Thillai Nagar, Trichy-18.  
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### ACADEMIC INFORMATION

**10. Educational Qualification :**

Degree	Year	College/University
B.Sc.,Physics	1995	Shrimathi Indira Gandhi College
MCA	1998	Bishop Heber College
M.Phil	2004	Bharathidasan University
NET	2017	UGC
Ph.D	2020	Bharathidasan University

**11. Experience :**

Date of Joining	Institution	Year of Experience
02-01-1999	Cauvery College for Women(Autonomous)	24

**12. Areas of Specialization** : Artificial Intelligence, Data mining, Big Data

**13. Languages known** : Tamil, English

#### 14. Subjects Taught :

<b>UG</b>	Database Management System, Multimedia and its applications, Digital fundamentals, Digital architecture and design, Data Structure & Algorithms, Microprocessor and its applications, Operating System, C, Object Oriented Programming with C++, Database Systems
<b>PG</b>	Artificial Intelligence and expert System, data mining, web design, distributed operating system, Big data, Data communication, Microprocessor and its applications
<b>M.Phil</b>	Big data, Distributed operating system

#### 15. Research Supervision:

	University from where guide ship obtained	Thesis		
		Completed (in numbers)	Year of Completion	Pursuing (in numbers)
<b>M.Phil</b>	<b>Bharathidasan</b>	<b>28</b>	<b>Till 2019</b>	<b>-</b>
<b>P.hD</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

#### 16. Details of Publications:

Journal Name & Volume	Year of Publication	ISBN Number	Name of the Paper
International Journal of Applied Engineering Research (IJAER), Indexed in Scopus	<b>2015</b>	Vol. 10, Issue 82, ISSN: 0973 4562	Text Mining In Big Data Analytics - Survey
International Journal of Applied Engineering Research (IJAER), Indexed in Scopus	<b>2015</b>	Chapter 2, ISSN: 0973 4562	Text Mining In Big Data Analytics - Survey
International journal of innovation in Engineering Research & Management	<b>2017</b>	Chapter 21, 2018, ISSN: 978-981-13-1746-0	Multilevel Sparse dimension selection approach for improved big data processing using taxonomy
Smart Innovation Systems and Technologies (SIST), Springer	<b>2018</b>	E-ISSN: 2347-2693. (UGC Approved Journal)	A Novel Integrated Framework based on Modules Optimization for Efficient Analytics on Twitter Big Data

International journal of Computer Science & Engineering	<b>2019</b>	E-ISSN: 2347-2693.(UGC Approved Journal)	Relevance based Feature Selection Algorithm for Efficient Preprocessing of Textual using HMM (RFSA)
International Journal of Scientific Research in Computer Science Applications and Management Studies (IJSRCSAMS)	<b>2019</b>	ISSN 2319-1953 (UGC Approved Journal)	SIMI Framework for Preprocessing of Textual Data Based on Feature Selection

### 17. Details of Papers Presented:

Date	Organizer	Name of the Seminar	Paper Name
20/2/2009 & 21/2/1009	Holy cross college	Advance computing and communication technologies	An analysis of Basyian Network in Medical diagnosis
3/12/2015 & 4/12/2015	Jamal Mohamed College, Trichy	International Journal Of Applied Engineering Research (IJAER)	Text mining in Big Data Analytics – Survey
15/12/2015 & 16/12/2015	Vikaram Engineering College, Madurai	IEEE International Conference On Computational Intelligence And Computing Research (ICCIC)	An Empirical Study On Text Analytics In Big Data

### 18. Details of Seminars / Conferences / Workshops Attended:

Year & Date	Organizer	Title	National / International
19/08/2002 & 20/08/2002	PSGR Krishnammal College for women, Coimbatore.	Emerging Trends in Computer Networking & Data Communications	National
03/11/2003 to 30/11/2003	UGC, Academic Staff College, Trichy.	Orientation Course	National
20/02/2009 & 21/02/2009	Holy cross college Trichy.	Advanced computing and communication technologies	National
23/11/2015 & 24/11/15	Bishop Heber College, Trichy.	Cloud Computing and Big Data Analytics	National
3/12/2015 & 4/12/2015	Jamal Mohamed College, Trichy.	International Conference on Advanced Computing	International

10/12/2015 to 12/12/2015	Vickram College of Engineering, Madurai.	2015 IEEE International Conference on Computational Intelligence & Computing Research	International
15/07/2016 & 16/07/2016	NIT, Trichy.	Platforms For Big Data Analytics	National
31/8/2016	School of Computer Science , Engineering and Applications, Bharathidasan University	Cloud Computing And Services CLOSER 2016	National
04/03/2017	K. Ramakrishnan College of Technology, Trichy -12	Big Data With Hadoop, HDFS And Mapreduce	International
22/09/2017& 23/09/2017	St. Joseph's Institute of Management(JIM)	Predictive Analytics	National
28/07/2017	Bharathidasan University	International Workshop on World Class Curriculum Design for Computer Science	International
20/12/2018	Cauvery College for Women	One day workshop on Microsoft One Note	-
17/02/2020 & 18/02/2020	Cauvery College for Women (Autonomous)	UGC –PARAMARCH A Two day seminar on NAAC Revised Accreditation Framework	State Level
18-12-2021	Testbook.com Skilled Campus Program	“How to Build an Effective Placement Cell”  Workshop for TPO's	State Level

**19. Details of Orientation / Refresher Course Attended:**

<b>Date</b>	<b>Title of the Course</b>	<b>Organizer</b>
3.11.2003 to 30.11.2003	Orientation Course in Value Education	UGC, Academic Staff College, Trichy

**20. Details of Chairing as Resource Person:**

S. No.	Title of the Seminar/Conference	Session Chaired
1	Computer Awareness Programme	NSS Camp at Govt. School, Aamur
2	Judge for Computer Awareness Programme	Holy Cross, Trichy
3	Artificial Intelligence -04.03.2020	Holy Cross, Trichy
4	Cyber Security - 15.12.2021	Chinmaya Vidyalaya CBSE, Coimbatore.
5	Beware of your Digital FootPrint	Cauvery College for Women(A),Trichy.
6	Basics of Data Science and Research Initiative - 11-01-2022	Holy Cross, Trichy

**21. Details of Study Materials / Books written and published: 1**

Published a Book under the title "**Programming in C** " with **ISBN: 978-93-91077-99-0**, **Pages : 249, Price 385** published by **SK Research Group of Companies, International Journal and Book**, Madurai, Tamil Nadu, India.

**22. Details of Patent Published: 1**

TITLE OF THE PATENT : A System and Method for Non-Linear System Identification  
with Robust Multiple Model Approach

**23. Administrative Positions held in the College:**

Nature of Position	Year
Placement Officer	2000 to till

**Number of Virtual Faculty Development Programmes Attended: 4**

**Number of Virtual Webinars Attended: 6**

**Number of Virtual Workshops Attended: 3**

**24. Details of Membership in Academic Bodies/ Board of Studies:**

S. No.	Institution	Course	Position	Period
1.	Cauvery College for Women (Autonomous)	Computer Science (UG)	Chair Person	2019 onwards
2.	Government Arts College (Autonomous), Salem	Computer Science (PG)	Subject Expert	2021-2024