Dr.CHITRA S

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Department of Computer Application,
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Web:

Qualification

Degree	Branch	Institution / University	Year of Passing
Ph.D.	Computer Science	Bharathidasan University	2021
M.Phil	Computer Science	Kurinji College Of Arts And Science	2009
MCA	Computer Applications	Bharathidasan University	2002
B.Sc	Maths	Srimathi Indira Ganthi College	1999

Ph.D. Details

Title of Thesis	Area of Specialization	
Enhancing the Classification Algorithms for Improving Accuracy in Big Data Analytics	Big Data	
Research Supervisor	**Research Centre**	**Year of Award**
Dr.P.Srivaramangai	Marudhupandiyar College, Thanjavur	April 2021

Additional Qualification

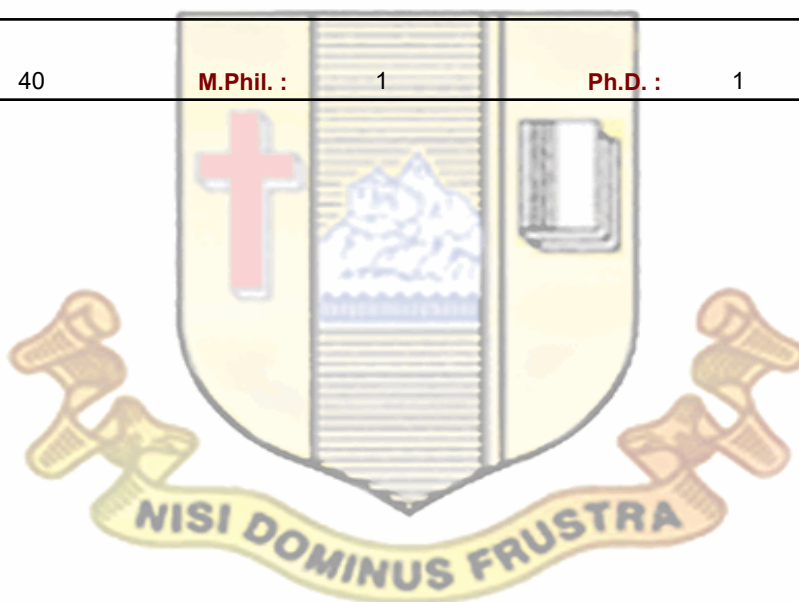| Name of Course	Place of Study	Date	Duration
NPTEL	Big Data Analytics online Certification	October 2021	3 Months
B.Ed.	Tamilnadu Teachers Education University, Sri Renga Educational College, Trichy	May 2010	1 Year

Work Experience

Name of Institution	Address of Institution	Designation	From	To
Sri Balaji Matriculation School	41/22 Thirunagar Thiruvanaikoil Trichy - 5	Teacher	01-08-1999	31-05-2000
RDS Solutions	Thennur High Road Thennur Trichy - 620 017	VB Programmer	03-01-2001	4-09-2002
Jayaraman Chartered Accountant	Baby Arcaade 8th cross Thillai Nagar Trichy 18	Computer Staff	05-09-2002	19-10-2004
Bishop Heber College	Vayalur main Road, Nal Road, Near Puthur, Tiruchirappalli, Tamil Nadu 620 017	Assistant Professor	26-06-2023	Till date
Srimad Anadvan Arts and Science College	No 7 Nelson Road Thiruvanai Koil Trichy 5	Assistant Professor	17-01-2008	26-06-2023

Teaching / Research Experience

U.G. :	15	P.G. :	12	M.Phil.	1	Ph.D.	1

Research Guidance

U.G. :	60	P.G. :	40	M.Phil. :	1	Ph.D. :	1

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6.	Conferences / Workshops / Seminars Organised	3
7.	Research Projects	0
8.	Resource Person	0
9.	Consultancy	0
10.	Awards Recieved	2
11.	Patent	1
12.	Extension Activities Undertaken	0
13.	Professional Membership	0
14.	M.Phil. / Ph.D. Produced	0 / 2

CONFERENCES / WORKSHOPS / SEMINARS ATTENDED   -   9

1. International level Seminar on **"*Big Data Analytics – Research and Issues*"** sponsored by Computer Science Department organized by Morappur Kongu College of Arts and Science at Dharmapuri during 15/09/2017 to 15/09/2017.
2. State level Seminar on **"*Innovative Research in Computer Science*"** sponsored by Computer Science Department organized by Srimad Andavan Arts and Science College at Trichy during 30/01/2017 to 30/01/2017.
3. National level Orientation on **"*Introduction to Big Data Analytics*"** sponsored by ICT Academy organized by Sri Vidya College of Engineering and Technology at Virudhunagar during 30/12/2016 to 30/12/2016.
4. National level Seminar on **"*Impact of e Technology on Teaching, Learning and Evaluation*"** sponsored by IQAC organized by Srimad Andavan Arts and Science College at Trichy during 12/03/2016 to 12/03/2016.
5. State level Seminar on **"*Recent Research Trends in Computer Science*"** sponsored by Computer Science Department organized by Srimad Andavan Arts and Science College at Trichy during 29/10/2015 to 29/10/2015.
6. National level Seminar on **"*Android Applications*"** sponsored by Computer Science Department organized by Srimad Andavan Arts and Science College at Trichy during 29/09/2013 to 29/09/2013.

7. National level Seminar on **"*Quality Systems and their applicability to Higher Education Institutions*"** sponsored by IQAC organized by Srimad Andavan Arts and Science College at Trichy during 29/03/2013 to 30/03/2013.
8. State level Seminar on **"*Human Rights*"** sponsored by UGC organized by Srimad Andavan Arts and Science College at Trichy during 26/08/2011 to 27/08/2011.

9. National level Seminar on **"*"The Role of IQAC in Enhancing Quality in Higher Educational Institutions in Post Accreditation Period"*"** sponsored by IQAC organized by Srimad Andavan Arts and Science College at Trichy during 24/02/2011 to 25/02/2012.

Research Papers Presented   -   5

1. **"A Comparative Study of Machine Learning Classifier for HR Analytics"** in the International conference on *International Conference on Advancement in Computing Technology(ICACT2K20)* sponsored by Marudupandiyar College, organized by Computer Science Department at Thanjavur during 04/03/2020 to 04/03/2020.
2. **"HR Management using Big Data Analytics"** in the International conference on *International Conference on Computing and Computational Methods(ICCCM'18)* sponsored by Marudupandiyar College, organized by Computer Science Department at Thanjavur during 11/12/2018 to 11/12/2018.
3. **"An Efficient Survey on Predictive Analytics in Big Data"** in the National conference on *National level conference on Transforming Technology* sponsored by Srimad Andavan Arts and Science College, organized by Computer Science Department at Trichy during 24/01/2018 to 25/01/2018.
4. **"Literature survey on Big Data Analytics"** in the National conference on *One day National Seminar on Big Data and Data Science* sponsored by Imayam Arts and Science College, organized by Computer Science Department at Thuraiyur during 06/10/2017 to 06/10/2017.
5. **"An Overview of CDMA Correlation Techniques in 3G Systems"** in the National conference on *National level conference on Advanced in Mobile Technology* sponsored by Srimad Andavan Arts and Science College, organized by Computer Science Department at Trichy during 29/09/2013 to 29/09/2013.

Publication in Journals - 11

1. **"Pattern Discovery of GPS Trajectory with Datamining Techniques"** published in Webology (PEER REVIEW) Vol. 18, Issue No. 1735-188X, September 2021 **ISSN :** 1735-188X.

   Impact factor , **Scopus Index** Scopus, **h - index** , **Citation index**

2. **"Pattern Discovery of GPS Trajectory with Datamining Techniques"** published in Webology (PEER REVIEW) Vol. 18, Issue No. 1735-188X, September 2021 **ISSN :** 1735-188X.

   Impact factor , **Scopus Index** Scopus, **h - index** , **Citation index**

3. **"An Iterative Approach for Processing the Large Scale Datasets"** published in Webology (PEER REVIEW) Vol. 18, Issue No. 6, September 2021 **ISSN :** 1735-188X.

   Impact factor , **Scopus Index** Scopus, **h - index** , **Citation index**

4. **"Double Parallel Bagging with Map Reduce Classifier for Improving Classification Accuracy in HR Analytics"** published in Journal of Xidian University (PEER REVIEW) Vol. 14, Issue No. 5, May 2020 **ISSN :** ---.
   Impact factor , **Scopus Index** Scopus, **h - index** , **Citation index**

5. **"Feature Selection Methods for Improving Classification Accuracy - A comparative Study"** published in JUNI KHYAT JOURNAL (PEER REVIEW) Vol. 10, Issue No. 2278-4632, January 2020 **ISSN :** 2278-4632.
   Impact factor , **Scopus Index** Scopus, **h - index** , **Citation index**

6. **"Performance Analysis of HR Data Using Hybrid Algorithm Naive Bayes and Decision Tree in Bigdata"** published in The International Journal of Analytical and Experimental Modal analysis (PEER REVIEW) Vol. 11, Issue No. 9, September 2019 **ISSN :** 0886-9367.

7. **"HR Management Using Big Data Analytics"** published in International Journal of Computer Science and Engineering (PEER REVIEW) Vol. 7, Issue No. 2, January 2019 **ISSN :** 2347-2693.

8. **"A Study on Analytics of Human Resource Management in Big Data"** published in International Journal of Scientific Research in Computer Science, Engineering and Information Technology(IJSCSEIT) (PEER REVIEW) Vol. 3, Issue No. 3, March 2018 **ISSN :** 2456-3307.

9. **"An Efficient Survey on Predictive Analytics in Big Data"** published in International Journal of Computer Science and Engineering (IJCSE) (E-JOURNAL) Vol. 6, Issue No. 2, March 2018 **ISSN :** 2347-2693.

10. **"A Review on Human Resource Management Analytics in Big Data"** published in International Journal of Computer Science Trends and Technology (PEER REVIEW) Vol. 7, Issue No. 2, March 2018 **ISSN :** 2319-1953.

11. **"An overview of CDMA Correlation Techniques in 3G Systems"** published in International Journal of Computer Science Trends and Technology (PEER REVIEW) Vol. 3, Issue No. 1, February 2015 **ISSN :** ---.

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IT Support, BHC.

Books Published / Edited   -   1

* . *MACHINE LEARNING*. VIRUDHUNAGAR, TAMIL NADU : AASAN PUBLICATIONS , October 2023.

Conferences / Workshops / Seminars Organised   -   3

1. National level Conference Entitled **"Research Colloquium"** at Srimad Andavan Arts and Science College, sponsored by Computer Science Department, during 26/07/2019 to 27/07/2019.
2. National level Conference Entitled **"A Two Day National Conference on Transforming Technology"** at Srimad Andavan Arts and Science College, sponsored by Computer Science & Commerce Departments, during 24/01/2018 to 25/01/2018.
3. National level Workshop Entitled **"Cloud Computing Services"** at Srimad Andavan Arts and Science College, sponsored by Computer Science Deparment, during 28/10/2017 to 28/10/2017.

Awards Recieved   -   2

Award Name	Presented by	Year	Level	Instituted by / Place	amount
RASHTRIYA NIRMAN RATNA AWARD	THE NATIONAL ACADEMY FOR ART EDUCATION	10/10/2021	NATIONAL	PUNE	SHIELD AND MEDAL
NATRAMIL ASAN AWARD	TAMIL SANGAM	05/09/2021	STATE	KULITHALAI	SHIELD

PATENT   -   1

Type	Nature	Patent No.	Status	Month & Year
INTERNATIONAL	IOT Based Smart Public Food distribution Management System to Control and Monitor the Stock	202141047733A	GRANTED	10/29/2021 12:00

Signature of Staff

(CHITRA S)

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