

Name : Dr. M. Chitra
Designation : **Assistant Professor**



Contact Details :

- Official : Department of Computer Applications,
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- Personal : No.8, Pillaiyar Koil Street,
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Puducherry - 605 008.

Educational Qualification

Course	Institution/University	Year of Passing	Percentage/Class Obtained
B.Sc. (Computer Science)	BGCW/Pondicherry University	2004	59% Second Class
M. Sc. (Computer Science)	KMCPGS/Pondicherry University	2007	67.54.7% First Class
M. Phil. (Computer Science)	Vinayaka Missions University, Salem	2009	63.25% First Class
Ph.D. (Computer Science and Engineering)	Pondicherry University (Full Time)	2018	-
UGC-NET-JRF	University Grants Commission	2009	-

Experience Details

- Teaching Experience

Sl. No.	Name of the College/ Institution	As Assistant Professor	
		From	To
1.	Aravindar Arts and Science College	23-08-2007	10-03-2008
2.	Pondicherry University Community College	14-08-2008	13-04-2009
3.	Pondicherry University Community College	12-07-2010	25-04-2011
4.	Pondicherry University	14-09-2016	10-05-2017
5.	Pondicherry University	09-08-2018	10-05-2019
6.	Perunthalaivar Kamarajar Arts College	09-09-2019	Till date

- Research Experience

Sl. No.	Name of the Organization	As Junior Research Fellow	
		From	To
1.	University Grants Commission, Govt. of India	09-09-2011	08-09-2013
2.		As Senior Research Fellow	
		From	To
		09-09-2013	08-09-2016

- Industry Experience

List of Seminars/Conference/Workshop Organized

Sl. No	Date	Title	Venue

List of Research Paper Published

- Journal Notified on UGC :
 1. **Chitra M**, Siva Sathya S, “**SEIR Epidemic Spreading Model to Suppress Broadcast Storm in Vehicular Ad Hoc Networks**”, *Int. J. Vehicle Safety, Vol. 9, No. 3, 2017, Inderscience Publishers, International Journal of Vehicle Safety*. (SCOPUS INDEXED)
 2. **M. Chitra**¹, D. Sadhihsukumar², R. Aravindh³, M. Murali⁴, R. Vaithilingame⁵. “**IoT based Water Flood Detection and Early Warning System**”, *International Journal of Scientific Research in Computer Science and Engineering*, Vol.8, Issue.5, pp.47-53, October, 2020.
- Peer-Reviewed Journals :
 1. **Chitra M**, Siva Sathya S, “**Efficient Broadcasting Mechanism for Vehicular Ad Hoc Networks**”, *International Journal of Mobile Network Communication and Telematics*, Vol.2, no. 3, pp.151-161, ISSN: 2211-8837, 2013. (Cited by 21)
 2. **Chitra M**, Siva Sathya S, Muthamizh B, “**Performance Analysis of Topology based Protocols in VANET**”, *International Journal of Computer Science and Mobile Computing*, Vol. 3, March-2014, pages: 966-975, ISSN 2320-088X. IF: 6.017.
 3. B. Muthamizh, S. Siva Sathya, **M. Chitra** “**Spanning Tree Based Broadcasting for VANET**” *International Journal of P2P Network Trends and Technology (IJPTT)* – Vol.7, April 2014, page. 21-25, ISSN 2249-2615. (Cited by 5)
 4. **Chitra M**, Siva Sathya S, “**Epidemic Broadcasting in Vehicular Ad Hoc Networks**”, *Advances in Natural and Applied Sciences (ANAS)*, 9(6) Special 2015, Pages: 80-85. (Anna University Annexure-II) (SCOPUS INDEXED)

5. **Chitra M**, Siva Sathya S, “**Issues and Challenges in Broadcast Storm Suppression Algorithms of Vehicular Ad Hoc Networks**”, *Informatics Engineering, an International Journal (IEIJ)*, Vol.3, No.2, June 2015, ISSN 2349-2198. (Cited by 1)
 6. **Chitra M**, Siva Sathya S, “**Selective Epidemic Broadcast Algorithm To Suppress Broadcast Storm in Vehicular Ad Hoc Networks**”, *Egyptian Informatics Journal* Vol. 19, Issue 1, March 2018, Pages. 1-9, Elsevier.
 7. **Chitra M**, Siva Sathya S, “**Localization Method to Improve the Positioning In Vehicular Ad Hoc Networks**”, *International Journal of Computer Network and Information Security (IJCNIS) (SCOPUS INDEXED)*, MECS Publisher, 2019.
- Books & Chapters (Edited Volume): -
 - Books Published : -
 - National/International Conference Proceedings:
 1. **Chitra M**, Siva Sathya S, “**Bidirectional Data Dissemination in Vehicular Ad Hoc Networks using Epidemic Spreading Model**”, *ICIA-16, ACM Conference Proceedings*, August 25-26, 2016.

List of Research Paper Presented/Participated

- National Level :
 1. **Chitra M**, Siva Sathya S, “**Epidemic Broadcasting in Vehicular Ad Hoc Networks**”, *Advances in Natural and Applied Sciences (ANAS)*, 9(6) Special 2015, Pages: 80-85. (Anna University Annexure-II) (SCOPUS INDEXED)
- International Level :

List of Orientation Programme/Refresher Course/FDP/ Workshop/Conference/Seminars etc. attended.

National Level Workshop:

Sl. No.	Organizer	Topic	Duration	From	To
1.	Dept. of Electronics Engineering, Pondicherry University	Image Processing and Wireless Communication Modules	1 day	09-12-2013	-
2.	Dept. of Mathematics, Pondicherry University	Intelligent Data Analysis Techniques	1 day	19-03-2013	-
3.	Anandha Rangapiilai Library, Pondicherry University	Author Workshop	1 day	06-02-2014	-
4.	Pondicherry Engineering College	Recent Trends in Optimization Techniques and Applications	6 days	04-01-2016	09-01-2016

5.	Women's Polytechnic College	Interactive e-content	5 days	04-05-2020	08-05-2020
6.	Rajiv Gandhi Arts College, Thavalakuppam	Workshop on 5G Wireless Communication	1 day	11-03-2021	-

National Level Seminar/Webinar:

Sl. No.	Organizer	Topic	Duration	From	To
1.	Ramanujam School of Mathematical Sciences, Pondicherry University	Silver Jubilee Seminar on Modern Mathematics	1 day	12-11-2011	-
2.	SLS.MAVMM. Ayira Vaisyar College Madurai	National level webinar on " IOT AND IT'S APPLICATION" o	1 day	27-05-2020	-
3.	Dept. of Biochemistry, Pondicherry University	COVINAR - A Week-long International Webinar on Covid-19	1 day	13-07-2020	-

National Level Conference:

Sl. No.	Organizer	Topic	Duration	From	To
1.	Pondicherry University	National Conference on Recent Advances in Numerical Methods and its Applications.	2 days	27-01-2014	28-01-2014
2.	Pondicherry Engineering College	National Conference on Intelligent Computing	1 day	30-01-2015	-
3.	Pondicherry Engineering College	International Conference on Informatics and Analytics	1 day	12-03-2016	-

Editorial and Reviewer Activities

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Any other Awards, Credentials and Recognitions :

- Awarded **National Eligibility Test (NET) for Lectureship in the year JUNE 2009** from University Grants Commission (UGC), New Delhi
- Awarded **Junior Research Fellowship (JRF) in the year JUNE 2009** from University Grants Commission (UGC), New Delhi.