

## PROFILE



### Personal Information

- a. Name : Dr.B.PARVATHI DEVI MCA.,M.Phil.,Ph.D
- b. Address for Correspondence (Res) : 1244 N, Arunachalanagar B colony  
K.T.C. Nagar, Palayamkottai  
Tirunelveli-627011  
Parvathikeerthi82@gmail.com
- (off) : Sri Sarada College for women  
Ariyakulam, Maharajanagar P.O  
Tirunelveli-627011
- c. Date of Birth : 12.11.1982
- d. Sex : Female
- e. Nationality : Indian
- f. Marital Status : Married

### Academic Qualification

Degree of Examination	Name of the School/College/University	Date of		Subject	Class or Division Average Marks of Grade
		Entry	Exit		
S.S.L.C	St.Ignatius convent Hr.Sec School, Tirunelveli	1998	1999	-	First
H.S.C	St.Ignatius convent Hr.Sec School, Tirunelveli	1999	2000	-	First
B.Sc	Sri Sarada College for Women, Tirunelveli	2000	2003	Computer Science	First
MCA	Manonmaniam Sundaranar University, Tirunelveli	2003	2006	Computer Applications	First
M.Phil	Manonmaniam Sundaranar University, Tirunelveli	2006	2007	Computer Applications	Second
Ph.D	Manonmaniam Sundaranar University, Tirunelveli	2018	2022	Computer Applications	-

**Title of the Ph.D Thesis**

Analysis and Detection of Distributed Denial of Service in Secured Software Defined Networks During Data Transfer

**Teaching Experience**

Assistant Professor in the Department of Computer Science /Information Technology / Computer Applications from the year 2009 to Till date

**Area of Specialization:** Computer Networks, IOT , Image Processing

**Seminars, conferences, Symposium, Workshop, etc. attended:**

1. On 31<sup>st</sup> August 2018 participated in the one Day National level seminar ” Python A Research Tool” organized by Department of Computer Science , Sri Sarada College for Women, Tirunelveli.
2. On 7<sup>th</sup> September 2018 participated in an International seminar on “ Advanced Knowledge in Interdisciplinary Perspectives of Computational Mathematics- AKIPCM’18” organized by Department of Mathematics and Computer Science, Sri S.Ramasamy Naidu Memorial College, Sattur.
3. On 14<sup>th</sup> September 2018 Presented a paper entitled on “Review on Security in Software Defined Networks” in the International conference on “Cyber security and E-Governance” organized by Department of Computer Science and Information Technology, Kodaikanal Christian College, Kodaikanal.
4. On 23<sup>rd</sup> February 2019, participated and presented a paper on the International conference on Recent Trends in advanced computing and its applications held in Sri Sarada college for women, Tirunelveli.
5. On 22<sup>nd</sup> and 23<sup>rd</sup> March 2019 participated and presented a paper on the International conference on Advanced Trends in communication and Technology(ICATCT’19), which was held in Vivekananda college of Arts and science for women, Tiruchencode.
6. On 26<sup>th</sup> and 27<sup>th</sup> April 2019, Participated and presented a paper on the National conference on cognitive computing NCCC19, which was held in Presidency university, Bangalore
7. On 10<sup>th</sup> August 2019, Participated and presented a paper on the International conference on soft computing and optimizing techniques(ICSO’10), which was held in Kamraj college, Thoothukudi.
8. On 10<sup>th</sup> February participated in one day state level workshop on Mobile APP Development organized by Department of computer Science, Sadakathullah Appa College, Tirunelveli
9. On 6<sup>th</sup> and 7<sup>th</sup> March submitted a paper to the National Conference on computer science and Applications NCCSA’20, organized by the department of Computer Applications (MCA), Mepco Schlenk Engineering College, Sivakasi
10. On 11<sup>th</sup> April 2020 participated in the season1- Technology for Future webinar conducted by ICT Academy on the topic Introduction to VMWare

11. From 27<sup>th</sup> April to 1<sup>st</sup> May 2020 participated in the season 3 of Skycampus- “The future is here now” conducted by ICT Academy.

12. On 5<sup>th</sup> May 2020 participated in the National webinar on “use of Elsevier tools in Research workflow” organized by Department of Commerce, University of Madras Chennai and Elsevier.

13. On 6<sup>th</sup> & 7<sup>th</sup> May 2020 participated in the International conference on current trends in Advanced computing ICCTAC 2020 organized by the Department of Computer Science [PG], Kristu Jayanthi college (Autonomous), Bengaluru.

14. From 22 to 26<sup>th</sup> May 2020 Participated in the 5 days Online National FDP on “Artificial Intelligence” organized by Department of Information Technology, Anil Neerukonda Institute of Technology & Sciences in collaboration with BrainOvision & National Youth council of India.

15. On 27.5.2020 participated in the National Level Webinar on “IOT and Its Applications” organized by Department of Computer Science SLS.MAVMM.Ayira Vaisyar college, Madurai.

16. On 19<sup>th</sup> and 20<sup>th</sup> June 2020, participated in the Two days National Level online workshop on Smart way to prepare thesis & Get organized with Gmail by South Gujrat Pradhypak Pushtak Prakashan Sahkari Mandali Ltd, Surat, Gujrat.

17. Present a Paper titled ‘Detection of DDoS attack using Entropy Methodology in Edge computing with Software defined Networking’ in the “International E-Conference on Advances in Information Technology, Business Management and e-commerce” 4<sup>th</sup> and 5<sup>th</sup> July 2020 at The Quaide Milleth College for Men, Chennai. Conference journal pp-72, ISBN”978-93-5407-331-1.

## **List of Publications**

### **International Journals / UGC Listed Journals**

1. B. Parvathi Devi &Dr.V. Vallinayagi,2019, ‘Structural Design and Utilities of Edge Computing’, Journal of Emerging Technologies and Innovative Research, vol-6 issue-3, March 2019, pp.300-304, ISSN: 2349-5162.

2. B. Parvathi Devi &Dr.V. Vallinayagi,2019, ‘Overview of Edge Computing with Software Defined Networks’, International Journal of Computer Science and Engineering, vol-7 special issue-08, April 2019, pp.154-157, ISSN: 2347-2693.

3. B. Parvathi Devi &Dr.V. Vallinayagi,2019, ‘Effectiveness of Security in Software Defined Networking’, International Journal of Computer Science and Engineering, vol-7 special issue-16, May 2019, pp.122-125, ISSN: 2347-2693.

4. B. Parvathi Devi &Dr.V. Vallinayagi,2020, ‘An Efficient Edge Server Deployment Technique in Edge Computing Using Graph Theory’, Web of science International Journal of Future Generation Communication and Networking, vol-13 No.2, 2020, pp.980-987, ISSN: 2233-7857.

5. B.Parvathi Devi & Dr.V.Vallinayagi, 2020, “Sensing DDoS attack in Edge computing with Software Defined Networking using Entropy method”, International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) ISSN:2249-8001, Vol-10, Issue-3, June 2020,10957-10964.

6. Dr.B.Parvathi Devi et al, 2022, “Genetic Algorithm-based human mental stress detection and alerting in internet of things”, Hindawi Computational Intelligence and Neuroscience (SCI Indexed), Special issue, <https://doi.org/10.1155/2022/4086213>.

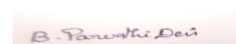
7. Dr.B.Parvathi Devi et al, 2022 “Support vector machine for human genetic research and Bioinformatics Applications”, Hindawi Computational Intelligence and Neuroscience (SCI Indexed), Special issue 2022

### Patents Published

S.No	Patent Title	Name of Applicant(s)	Patent No.	Award Date	Agency/ Country	Status
1	An Artificial Intelligence to identify the blocks in the heart valves and targeted delivery of Nano particles	Mr.Srinu Dharavathi Dr.D.Venkata Subbauah Mr.M.Janardhan Rahul Kumar Mr.Santhosh kumar Nathsharma Prof.Sayyed Hussain Sajjansab Rik Ganguly Dr.kogila Palanimuthu Himsnshu Bartwal <b>Dr.B.Parvathi Devi</b> Athira saji Er.S.John Pimo	202241018 235A	8/4/2022	Indian	published
2	Enhanced Artificial Intelligence -based secured home automation system using blockchain technology for elderly and disabled persons	<b>Dr.B.Parvathi Devi</b>	202241030 76	29/5/2022	Indian	Filed

### Declaration:

I hereby declare that the above information is correct and true to the best of my knowledge and belief.



Place: Tirunelveli  
Date: 26.12.2022

Signature  
(Dr.B.PARVATHI DEVI)