FACULTY PROFILE

Name	:	**Dr. J. Lakshmi**
Qualification	:	M.C.A. M.Phil., SET., Ph.D.
Designation	:	Associate Professor & Head
		Department of Computer Science with Data Science
Years of Experience	:	**UG** : 17yrs　　　**PG** : 17yrs
Email Id	:	laxmishravanbmc@gmail.com
Areas of Specialization	:	Wireless Sensor Networks

Publications

1. **J.Lakshmi and Dr.R.Latha**, "Energy Efficient Routing In Wireless Sensor Networks Using Reinforcement Learning", International Conference on Innovative Challenges in Computing, 27th And 28th ISBN: 978-93-91347-14-7, October 2021.

2. **J.Lakshmi and Dr.R.Latha**, "Power Aware Energy Efficient Cluster Based Network Coding Algorithm For Dynamic Source Routing (PA-EECSNC DSR)", International Journal of Psychosocial Rehabilitation, VOL. 24, ISSUE 05, ISSN: 1475-7192, MARCH 2020.

3. **J.Lakshmi and Dr.R.Latha**, "Energy Efficient Cluster Based Network Coding Algorithm (EECSNC)", International Journal of Pure And Applied Mathematics (IJPAM) Vol No.- 117, No 15, Page No: 435-453, ISSN: 1311-8080, NOV 2017.

4. **J.Lakshmi and Dr.R.Latha**, "A Novel-Real Time Energy Efficient Routing Protocol for Heterogeneous Wireless Sensor Networks", International Journal of Control Theory And Applications, Vol 10, No. 16, ISSN 0974-5572, JULY 2017.

5. **J.Lakshmi and Dr.R.Latha**, "Design of Poisson Distribution Based Energy-Efficient Protocol (PB-EEP) In Wireless Sensor Networks", IEEE Conference On Human Computer Interactions (ICHCI'16)", Vol 10 No.69 ISSN: 0973-4562 MARCH-2016.

6. **J.Lakshmi and Dr.R.Latha**, "Performance Evaluation Of Ad-Hoc Routing Protocols In Wireless Sensor Networks Based On Energy Consumption Metrics", International Journal of Applied Engineering Research (IJAER)", Vol No. 10, No.69, ISSN:0973-4562, JUNE-2015.

7. **J.Lakshmi and Dr.R.Latha**, "Comparative Study Of Qos Scheduling Algorithms In Wireless Networks", International Journal Of Computer Science And Network Solutions (IJCSNS), Vol No.1, No.4, ISSN: 2345-3397, Dec-2013.

Presentations

1. Presented a Paper "Javascript-Protocol" In National Conference on 24/7/2009 and 25/7/2009 Organized by Women's Christian College.

2. Presented a Paper on "Cyber Security" In National Conference on 2/3/2012 and 3/3/2012 Organized by Bhaktavatsalam Memorial College For Women.

3. Presented a Paper on "Achieving Maximum Throughput In Wireless Networks" In International Conference on March 2013 Organized by Bhaktavatsalam Memorial College For Women.

4. Presented a Paper on "Mobile Wireless Network Routing Protocols – A Review" in a State Level Conference on 1/3/2013 and 2/3/2013 Organized by Valliammal College for Women.

5. Presented a Paper on "Study Of Packet Scheduling Algorithms In Different Wireless Networks" in an International Conference on Feb 2014 Organized by Sankara College Of Arts And Science.

6. Presented a Paper on "Performance Evaluation Of Ad-Hoc Routing Protocols In Wireless Sensor Networks Based On Energy Consumption Metrics" in an International Conference on June 2015 Organized by Don Bosco College Of Arts And Science.

7. Presented a Paper on "Design Of Poisson Distribution Based Energy-Efficient Protocol (PB-EEP) In Wireless Sensor Networks", IEEE Conference On Human Computer Interactions (ICHCI'16)", on 10th And 11th March 2016 Organized by "Saveetha University".

8. Presented a Paper on "Energy Efficient Routing In Wireless Sensor Networks Using Reinforcement Learning" in International Conference on Innovative Challenges in Computing on 27th and 28th October 2021 Organized by "Hindusthan College of Arts & Science".

Conferences/Workshops/Seminar/Webinars Participated

1. Participated in a "National level E-Quiz on Computer Science" on 20th and 21st Aug 2021 organized by "Bhaktavatsalam Memorial College for Women".

2. Participated in a Webinar "Food & Nutrition during times of COVID-19" on 30th June 2020 organized by "VEL'S Institute of Science, Tech and Advanced Studies (VISTAS)".

3. Participated in a National level Webinar "Role of Deep Learning in IoT" on 26th June 2020 organized by "Sindhi College".

4. Participated in a Webinar "Yoga for Healthy Life Style" on 21st June 2020 organized by "Sindhi College".

5. Participated in an International Webinar "Cloud Computing" on 15th June 2020 organized by "Bhaktavatsalam Memorial College for Women".

6. Participated in an International Webinar "Data Engineering and Analytics" on 6th June 2020 organized by "Bhaktavatsalam Memorial College for Women".

7. Participated in an International FDP "AI Based Proctoring in Next Generation Education" on 23rd May 2020 organized by "Shasun Jain College for Women".

8. Participated in an International Webinar "Humanoid Robotics" on 23rd May 2020 organized by "Bhaktavatsalam Memorial College for Women".

9. Participated in a Workshop "Mendeley Reference" on 22nd May 2020 organized by "Bhaktavatsalam Memorial College for Women".

10. Participated in an International Webinar "Evaluation and Application of Deep Learning Concepts" on 21st May 2020 organized by "Bhaktavatsalam Memorial College for Women".

11. Participated in an International Webinar "Data Science" on 20th May 2020 organized by "Bhaktavatsalam Memorial College for Women".

12. Participated in an International Webinar "Revolution of Data(Now & Then)" on 17th May 2020 organized by "Bhaktavatsalam Memorial College for Women".

13. Participated in an "Online Test on Computing Skills" on 9th May 2020 organized by "Sri Malolan College of Arts and Science".

14. Participated in an International Webinar "3D Printing Applications in Fighting with COVID-19" on 9th May 2020 organized by "Sri SaiRam Institute of Tech".

15. Participated in an Online Workshop on "Patent Drafting and Processing with Importance of Trademark & Copyright" on 8th and 9th May 2020 organized by "Bhaktavatsalam Memorial College for Women".

16. Participated in an FDP "Examinations in Wake of Covid-19" on 8th May 2020 organized by "Patrician College".

17. Participated in "General Awareness Quiz on Combating COVID-19" on 4th May 2020 organized by "Asan Memorial College of Arts and Science".

18. Participated in "COVID-19 Awareness Quiz" during May 2020 organized by "St. Joseph's College of Arts and Science".

19. Participated in FDP "LaTeX" from 28th April to 4th May 2020 organized by "Guru Nanak Dev Engineering College" in association with IIT Bombay.

20. Participated in "Novel Covid-19 Pandemic General Awareness Quiz" on 5th March 2020 organized by "Dr. B. N. Purandare Arts and Science College".

21. Participated in "R-Training" on January 2020 organized by "Shri Krishnaswamy College for Women".

22. Participated in "Sports Psychology Quiz" on January 2020 organized by "Anna Adarsh College for Women".

23. Participated in FDP "LaTeX" January 2020 organized by "Guru Nanak Dev Engineering College" in association with IIT Bombay.

24. Participated in a workshop "Intellectual Property Rights Awareness in IT Sector" on FEB 2016 organized by "Bhaktavatsalam Memorial College for Women".

25. Participated in a workshop "ART OF WRITING RESEARCH ARTICLE & JOURNAL PUBLICATIONS" on MAR 2016 organized by "VELS UNIVERSITY".

26. Participated in a workshop "CYBER CRIME" on JAN 2016 organized by "Soka Ikeda College of Arts And Science For Women".

27. Participated in a workshop "Research Methodology And Techniques" on JAN 2016 organized by "ST.PETER'S UNIVERSITY".

28. Participated in a workshop on "Modern Software Development Methodologies" on SEP 2015 organized by "Bharath University".

29. Participated in a workshop on "NS-2 TOOL" on MAR 2013 organized by "Bharath University".

30. Participated in a workshop on "MATLAB & SPSS" on FEB 2013 organized by "Bhaktavatsalam Memorial College For Women".
31. Participated in a workshop on "Secrets of Network Communication" on January 2012 Organized by "Loyola College Of Arts And Science".

Awards / Recognition

1. Awarded Ph.D on 9th January 2020

Other Achievements(*such as Resource Person , Chief Guest, External Examiner)*

1. Represented as a Session's Chair of International e-Conference on Recent Trends and Technologies in Soft Computing conducted on 28th Sep 2020, by St.Peter's Institute of Higher Education and Research.
2. Represented as an External Examiner for Ph.D. Viva-Voce, in VEL'S University.
3. Representing as an External Examiner for Ph.D. Viva-Voce, in St.Peter's Institute of Higher Education and Research.