FACULTY PROFILE

Name	:	**Ms.B.Mahalakshmi**
Qualification	:	M.C.A. M.Phil.,
Designation	:	Assistant Professor
		Dept. of Computer Applications
Years of Experience	:	**UG** :8 **years & 3 months**
Email Id	:	mahalakshmib.bmc@gmail.com
Areas of Specialization	:	Advanced artificial intelligence

Publications

1. Ms.B.Mahalakshmi, Dr.A.Thirumurthy Raja, "A survey on Neuro degenerative disease using Artificial Neural Network", Volume VII, No:8:2021 , Journal of Fundamnetal & Comparative Reseasrch", ISSN : 2277-7067.

2. Ms.B.Mahalakshmi, Dr.A.Thirumurthy Raja, "Cognitive U-Net Algorithm For Neurodegenerative Disease Segmentation From Mri", Volume 20, | Issue 10, doi: 10.14704/nq.2022.20.10, NeuroQuantology.

3. Ms.B.Mahalakshmi, Dr.A.Thirumurthy Raja, "Improved Segmentation of Neurodegenerative Disease using Deep Auto Encoders", Proceedings of the Third International Conference on Artificial Intelligence and Smart Energy (ICAIS 2023) IEEE Xplore Part Number: CFP23OAB-ART; ISBN: 978-1-6654-6216-7.

Presentations

1. Presented a paper "A survey on Neuro degenerative disease using Artificial Neural Network" in International Conference on Innovations in Disruptive Technologies - 2021 on 28th & 29th July 2021 organized by Sri Kanyaka Parameswari Arts & Science College for Women.

2. Presented a paper "Improved Segmentation of Neurodegenerative Disease using Deep Auto Encoders", IEEE International Conference on Artificial Intelligence and Smart Energy on 4th February 2023 organized by JCT college . Coimbatore.

3. Presented a paper "Cognitive based learning in feed forward MLP for classification of neurodegenerative disorders" , in International Conference on Human Machine Interaction

   in the digital era-2023 on 24th February 2023 organized by SRM institute of Science and Technology college of science and humanities.

4. Presented a paper " Congestion finder in the reliable multicast network" in National Conference on Recent trends & Technologies in Soft Computing on 10th April 2015 organized by St.Peter's University.

5. Presented a paper "Morphological analysis of cancer diagnostics in Image Processing " in National conference on recent trends in computer science on 13th February 2015 organized by Annai violet arts and science college.

Conferences/Workshops/Seminar/Webinars Participated

1. Participated in FDP on" Education 5.0" from 15th-19th May 2023 organized by Dr.M.G.R Educational and Research Institute.

2. Participated in FDP on "Selection of Scholarly Journals & Web Visibility Strategies & Techniques "from 20th-28th February 2023 Organized by Dhanraj Baid Jain College.

3. Participated in National Webinar on "Recent trends in Research Methodologies and Tools "from 10th – 14th October organized by KG College of Arts & Science.

4. Participated in FDP on "Advanced Techniques in Computing Sciences & Applications "from 19th-23rd November 2022 organized by Savetha College of Liberal Arts and Sciences.

5. Participated in FDP on "Patents and Innovative Teaching & Research Methodology" from 2nd-6th March 2022 organized by Bishop Hebber College.

6. Participated in Webinar on "Role of AI in IoT Applications" on Jan 27 , 2022 organized by MEASI Institute of Information technology.

7. Participated in Workshop on "A blend of Internet of things, Cyber security& Block chain and Applications " from 23rd-27th August 2021 organized by NIT silchar.

8. Participated in Workshop "Progress in Computer Science & its Applications" on 9th July 2021 organized by VISTAS, Chennai

9. Participated in Workshop "Implementation of Python Programming in Research" on June 11th 2021 organized by MEASI Institute of Information Technology, Chennai.

10. Participated in International webinar "Emerging technologies in Computer Applications" on 11th June 2021 organized by Patrician College of arts and science, Chennai

11. Participated in Workshop "MATLAB onramp courses" on 11th November 2020 organized by VISTAS, Chennai.

12. Participated in Workshop " Enhancing the resilience of teachers for better performance" on 12th September 2020 organized by Bhaktavatsalam memorial college for Women.

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

14. Participated in webinar "Blockchain Technology" on 9th June 2020 organized by Bhaktavatsalam Memorial College for women, Chennai

15. Participated in International Webinar "Data engineering and Analytics " on 6th June 2020 organized by Bhaktavatsalam Memorial College for Women, Chennai.

16. Participated in webinar "3Q's for success" on 1st June 2020 organized by Bhaktavatsalam Memorial College for Women, Chennai.

17. Participated in webinar "Enhance learning & Teaching Skill using Digital Tools" on 31st July2020 organized by MIT , UP.

18. Participated in international webinar "Data Analytics" on 9th July 2020 organized by Bharathi Women's College , Chennai.

19. Participated in Workshop "Latex" from 28th April -4th May 2020 organized by Gurunanak dev Engineering College, Bidar.

20. Participated in webinar "IOT challenges" on 30th May 2020 organized by Bhaktavatsalam Memorial College for Women, Chennai.

21. Participated in International Webinar "Human-Robot Interaction aspects of Robotics " on 29th May 2020 organized by Bhaktavatsalam Memorial College for Women, Chennai.

22. Participated in National Webinar "Relationship Enhancement" on 27th May 2020 Organized by Bhaktavatsalam Memorial College For Women.

23. Participated in International webinar "Evaluation and Applications of Deep Learning Concepts" on 21st May 2020 organized by Bhaktavatsalam Memorial College for Women, Chennai.

24. Participated in National Webinar on" Humanoid Robotics" on 18th May 2020 organized by Bhaktavatsalam Memorial College For Women, Chennai

25. Participated in Workshop "Intellectual Property rights awareness E & IT Sector "on 25th February 2016 organized by Bhaktavatsalam Memorial College For Women, Chennai.

26. Participated in Workshop " Data Science And Big Data Analytics " on 2nd-6th December 2014 organized by Rajalakshmi Engineering College.

Books/Chapters Published

1. Published a book under the title "Problem solving using Python" dated September 2020 with ISBN : 978-93-8970-54-8