

## Bio - Data



### Personal Information

- a. Name : Meenakshi  
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Palayapettai, Tirunelveli – 627 008  
(Off) : Sri Sarada College for Women,  
Ariyakulam, Maharaja Nagar P.O.  
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c. Date of Birth : 15.04.1997  
d. Sex : Female  
e. Nationality : Indian  
f. Marital Status : Married  
g. Mobile No. : 9025723183  
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i. Languages Known : English (Fluent), Tamil (Native), Hindi (Fluent)  
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### Academic Qualifications

Degree of Examination	Board / University	Period of Study	Subject	CGPA/%	Class/Grade
Ph.D.	Manonmaniam Sundaranar University	2022 -	Computer Science	Thesis submitted	
M.Sc.	Sri Sarada College for Women, Tirunelveli – 627 011	2018 – 2020	Computer Science	8.50/10	First Class with Distinction
B. Sc (College First)	NES Ratnam College of Arts, Science & Commerce, Bhandup, Mumbai – 400 078	2015 – 2018	Computer Science	6.64/7	A
HSC	Maharashtra State Board	2015	-	75.23	First Class with Distinction
SSC	Maharashtra State Board	2013	-	82.18	Distinction

**Area of Specialization:** Machine Learning, Big Data, Natural Language Processing

### Research Experience & Training

Research Stage	Title of the work/Thesis	University where the work was carried out
Thesis Submitted with Ph.D. Reg No: 21214012282039 dated 31/01/2022	Integrating Feature Selection Techniques and Hybrid Deep Learning Models for Enhancing Sentiment Analysis in Social Media Data	Manonmaniam Sundaranar University, Tirunelveli.

### **International Conference Presentations**

1. Yadav Meenakshi Muthukrishnan Seethalakshmi, Dr. A. Suruliandi, 2022, “Sentiment Analysis on Social Media Data: A Survey on Applications, Issues and Challenges”, International Conference on “Recent Trends in Computing and Information Technology (RTCIT-2022)”, 11<sup>th</sup> & 12<sup>th</sup> February 2022, jointly organized by the Department of Computer Applications and Research Centre & Department of Computer Science, Sarah Tucker College (Autonomous), Tirunelveli.
2. Yadav Meenakshi Muthukrishnan Seethalakshmi, Dr. A. Suruliandi, 2022, “A Survey on Feature Extraction and Classification Techniques of Sentiment Analysis”, International Conference on “Advances in Science and Engineering (ICASE 2022)”, 24<sup>th</sup> & 25<sup>th</sup> March 2022, Organized by the Departments of Maths, Physics, Chemistry, Zoology & Computer Science, A.P.C. Mahalaxmi College for Women, Tuticorin.
3. Meenakshi, 2019, “Opportunities and Challenges of Digital Marketing”, International Conference on “Sustainable Development” (Kalasalingam Global Conference – KGC -2019), 18<sup>th</sup> – 20<sup>th</sup> December 2019, held at Kalasalingam Academy of Research and Education (Deemed to be University), Krishnankoil, Tamilnadu.

### **List of International Journal Publications**

1. Yadav Meenakshi Muthukrishnan Seethalakshmi, A. Suruliandi., & S. P. Raja (2023). A Survey on Feature Extraction Techniques, Classification Methods and Applications of Sentiment Analysis. Brazilian Archives of Biology and Technology, vol. 66, ISSN 1678-4324 Online Edition, Impact Factor: 1.0, Indexed in SCIE, Scopus, UGC CARE Listed (**Published**). <https://doi.org/10.1590/1678-4324-2023220654>
2. Meenakshi Muthukrishnan, A. Suruliandi., & S. P. Raja 2024, “A Fused Feature Selection Technique for Enhanced Sentiment Analysis Using Deep Learning”, Brazilian Archives of Biology and Technology, vol. 67, ISSN 1678-4324 Online Edition, Impact Factor: 1.0, Indexed in SCIE, Scopus, UGC CARE Listed (**Published**). <https://doi.org/10.1590/1678-4324-2024240183>
3. Suruliandi. A, Meenakshi Muthukrishnan, and Raja. S.P, “Unveiling User Sentiments in Social Media: The Supremacy of Deep Learning over Traditional Machine Learning Techniques”, International Journal of Innovation and Learning, Inderscience Publishers ISSN (print): 1744-

1765| ISSN (online): 1744-1773, Indexed in Scopus, Impact Factor: 1.0. (**Accepted for Publication**)

4. Meenakshi Muthukrishnan, Suruliandi. A, and Raja. S.P, “A Hybrid Deep Learning Approach for Sentiment Analysis Using Conv-BiLSTM Model,” Progress in Artificial Intelligence, Springer Nature, ISSN (print): 2192-6352 | ISSN (online): 2192-6360, Indexed in Scopus, Google Scholar, Impact Factor: 2.0. (**Communicated**)

### **Seminar Attended**

1. “Systematic Approach for Writing Research Papers: Indexing and Citations” by Baba Banda Singh Bahadur Engineering College on 09/02/2022.
2. UGC sponsored National Webinar on “Data Analytics” by UGC-HRDC University of Madras on 23/03/2022.
3. UGC sponsored International Webinar on “Artificial Intelligence” by University of Madras on 25/03/2022.
4. AWSAR WEBINAR on the topic “Understanding Popular Science Writing” on 18/07/2022.
5. “Artificial Intelligence, Big Data and Ethics” by University of Technology and Applied Sciences, Sultanate of Oman on 03/11/2022.
6. “Seminar on Research Article Writing and Publication Ethics” by the Department of Computer Science and Engineering, MSU on 20/09/2022.
7. “Seminar on Research Projects and Patents” by the Department of Computer Science and Engineering, MSU on 21/09/2022.
8. “Seminar on The Art of Research Article Writing” by the Department of Computer Science and Engineering, MSU on 12/11/2022.
9. Webinar titled as “Applications of Big Data Technologies” organized by Centre for Development of Advanced Computing (CDAC) held on 29<sup>th</sup> August 2023.
10. Webinar titled as “Case Study & Industry Applications in Data Science” organized by Centre for Development of Advanced Computing (CDAC) held on 25<sup>th</sup> September 2023.
11. Webinar titled as “Big Data Analytics using NoSQL” organized by Centre for Development of Advanced Computing (CDAC) held on 27<sup>th</sup> October 2023
12. Webinar titled as “Mastering Big Data Analytics: Unlocking Insights with Spark” organized by the IEEE Student Branch held on 22<sup>nd</sup> February 2024 at Study World College of Engineering, Coimbatore.
13. Webinar titled as “What’s the future of generative AI?” organized by the IEEE Student Branch held on 28<sup>th</sup> February 2024 at Study World College of Engineering, Coimbatore

14. Seminar titled as “Future AI paradigms” organized by the Department of CSE, Manonmaniam Sundaranar University on 12<sup>th</sup> April 2024.
15. International Seminar titled as “A Research Study on Internet of Things – Security Issues” organized by the P.G. & Research Department of Computer Science & Department of Computer Applications, Morappur Kongu College of Arts & Science on 4<sup>th</sup> September 2019.
16. One Day National Level Seminar on “Data Science and Machine Learning” organized by the Department of Computer Science, Sri Sarada College for Women in association with Riyasaa Labs on 12<sup>th</sup> March 2019.
17. International Seminar on “Advanced Knowledge in Interdisciplinary Perspectives of Computational Mathematics – AKIPCM’18” organized by the Department of Mathematics and Computer Science, Sri S. Ramasamy Naidu Memorial College, Sattur, Tamilnadu on 7<sup>th</sup> September 2018.
18. One Day National Level Seminar on “Python A Research Tool” organized by the Department of Computer Science, Sri Sarada College for Women, Tirunelveli, Tamilnadu on 31<sup>st</sup> August 2018.
19. State Level Seminar on “Ethics of Social Media Analytics” organized by the Department of Computer Science and Information Technology, Wavoo Wajeeha Women’s College, Kayalpatnam, Tamilnadu on 28<sup>th</sup> August 2018

### **Workshops Attended**

1. 2 weeks workshop on “Analytical tools for Image Processing” organized under MHRD-RUSA 2.0 “Biomaterials” by University of Madras from 01/02/2022 to 17/02/2022.
2. Training workshop on “Popular Science Writing Under AWSAR Programme” by NMS Sermathai Vasan College for Women, Madurai on 13/05/2022.
3. “One day workshop on Report Writing” by the Department of Computer Science and Engineering, MSU on 12/09/2022.
4. One day workshop on “Machine Learning using Python” organized by the Department of Computer Science and Engineering, PET Engineering College, on 26<sup>th</sup> September 2023.
5. One day workshop on “Deep Learning Tools, Techniques and Applications” organized by the Department of Computer Science and Engineering, M.S. University on 15<sup>th</sup> December 2023.
6. Workshop on “Youth Empowerment & Skills (YES! +)” held at Sri Sarada College for Women from 10.09.2018 to 15.09.2018.

### **Faculty Development Programme Attended**

1. FDP titled “Machine Learning and Deep Learning” by Easwari Engineering College from 21/02/2022 to 26/02/2022.
2. National Level FDP titled “Big Data Analytics and Machine Learning” by East Point College of Engineering and Technology from 26/03/2022 to 01/04/2022.

3. FDP on “Recent Advancements in Computer Science” under DBT Star College Scheme in association with ICT Academy by Sri S Ramasamy Naidu Memorial College from 21/03/2022 to 25/03/2022.
4. National Level Virtual FDP titled “Funded Research Projects” organized by ATLAS SkillTech University, Mumbai during 16<sup>th</sup> – 21<sup>st</sup> October 2023.
5. AICTE Training and Learning (ATAL) Academy Faculty Development Program on “Artificial Intelligence and Machine Learning Analytics for Decision Making (offline)” at Francis Xavier Engineering College from 20/11/2023 to 25/11/2023.

**Instructional Course Attended**

1. Indian Association for Research in Computing Science (IARCS) Sponsored Instruction Course on “Stochastic Approximation Algorithms” organized by the Department of Computer Science and Engineering, National Engineering College during 27<sup>th</sup> -28<sup>th</sup> April 2023.

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

(Meenakshi)