

1. Name: Nagarajan I
2. Designation: Assistant Professor
3. Qualification: M.Sc., M.Phil., M.Tech., NET, (Ph.D.)
4. Mobile number: 9600255678
5. E-mail id: nagarajanbca@auxiliumcollege.edu.in
6. Teaching Experience: 20 years+
7. Area of specialization: Deep learning
8. Positions Held in Auxilium: Facult and Mentor
9. No. of Papers Published :5
10. No. of Papers Presented in the National/ Inter / Seminars/ Workshops Conferences: 4
11. No. of Seminars/Workshops/Conferences organized: 5
12. Membership in professional bodies: The Indian Science Congress Association (SRM)
13. No. of Online Courses completed (Minimum of 4 Weeks): 5

PUBLICATIONS

Publications in Journals

- “A Survey on Multi-Relational Database Based Classification Approaches”, International journal of Applied Engineering Research-2014, (**Scopus**).
- “Multiprocessing Optimization – Parallel Quick Sort Using Open MP”, International Journal of Pharmacy and Research-2016, (**Scopus**).
- “Block difference-based filtering approaches using MRI Images”, International Journal of Imaging System & Technology-2019, (**Impact Factor: 2.88, SCIE**).
- "A Comparative Study on Delay-Tolerant Network Routing Protocols", International Journal of Intelligent Unmanned Systems-2021, (**Scopus**).
- “A comprehensive review on early detection of Alzheimer's disease using various deep learning techniques”, Frontiers in Computer Science - 2025 (**Impact Factor: 2.4, SCIE**)

Paper Presented in the Conference Proceedings

- Presented in International Conference on Sustainable AI solutions for a Digital Future (SASDF–2025) on the titled “Enhancement of Alzheimer’s disease classification using Deep Learning Approach”, Department of Computer Applications, SASDF, Vellore 2025.

- Presented in National conference on the titled “Detect Anonymized data from bigdata using data mining enterprise Resources.” Department of Computer Science & Applications, BIHER, Chennai 2020.
- Presented in National conference on the titled “Integrative nature of life science and its challenges in Research” organized by Department of Bio Chemistry, Theivanai Ammal College for Women, Villupuram - 2019.
- Presented in National conference on the titled “Study of Improving the Customer Relationship Management by Data Mining Application” organized by Department of Computer Science & Engineering, Maha College of Engineering, Salem - 2011.
- Presented in National conference on the titled “The Use of Computers in Anthropology” organized by The Indian Science Congress Association, Kolkata – 2010.

FDP's/ Seminars/ Workshops/Webinars

- Participated in the Seven days “FDP on the Gen Z Effect: Innovation, Impact and the future of Industry” organized by star International Foundation for Research and Education on 02.10.2025 to 08.10.2025.
- Participated as a judge in the event “Ode on Code” in the National level technical symposium organized by the Department of Computer Science, Thiruvalluvar University. TECHFRENZY’2K25.
- Attended four days Science-Fest 2025 organized by Centre for Research, Thiruvalluvar University – 2025.
- Faculty Development Program on Robotics & AI at Sri Sankara Arts & Science College, Kanchipuram, during the period June 24-28, 2019.
- Faculty Development Program on Embedded Systems & Interfacing Hands-on at Sri Sankara Arts & Science College, Kanchipuram, during the period June 10 – 14, 2019.
- Faculty Development Program on Advancements in Signal Processing and Optimization Techniques at Sri Sankara Arts & Science College, Kanchipuram, during the period June 3-7, 2019.
- Two Days International Conclave “MAGX’18” at SITE, VIT, Vellore Campus during the period 24 & 25 August 2018.
- One Day Workshop on “Latex for Technical Report Writing” at SENSE, VIT, Vellore Campus during the period 17th May 2017

- A National workshop on Mobile Application Development using Android at Department of Information Technology, FSH, SRM University during the period 11th March 2014.
- Faculty Development Program in Software Engineering at Cognizant Technology Solutions, Chennai during the period 27/07/2012.
- National Workshop on Animation of Game Programming at Department of Information Technology, Faculty of Engineering & Technology, SRM University during the period 21/07/2011 to 22/07/2011.
- National Workshop on Cloud Computing at Dept. of CSE, SSN College of Engr. Kalavakkam during the period 02-04-2010 to 03-04-2010.
- National Workshop on Information Security & Cyber Forensics at Society of Cyber Security, Department of Criminology, University of Madras, Chennai during the period 14 - 02 – 2010.

Online Courses and other responsibilities:

- Successfully Completed “Programming for Everybody – Python”, online course offered by University of Michigan - 2020.
- Successfully Completed “Object Oriented Programming in Java”, online course offered by UCSanDeigo -2020
- Successfully Completed “Internet of Things: Communication Technologies”, online course offered by UCSanDeigo -2020
- Successfully Completed “Responsible Innovation in the age of AI”, online course offered by IEEE -2020
- Successfully Completed “Enterprise Systems”, online course offered by Minnesota - 2020
- Successfully Completed “Data Science Math Skills” online course offered by Dukes University, Coursera on 25th September 2017.
- Successfully completed “Fundamentals of Digital Image & Video Processing” online Course offered by Northwestern University, Coursera on 15th May 2017.
- Appointed as Examiner for Central Valuation of Under Graduate Degree Examinations, University of Madras during the period 2008 – 2009.
- Appointed as Examiner for Post Graduate Degree Examinations, University of Madras during the period 2007 – 2008.
- Appointed as External Examiner of PG Practical Examinations, University of Madras during the period April 2008.

