

Name: J.Mary Monica

Designation: Assistant Professor

Department: Computer Science

Date of Joining: 05.07.2018

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Educational Qualification:

Degree	Subject	College / University & Place	Year Completed
Ph.D(Part Time)	Computer Science	J.J College of Arts & Science, Pudukkottai	Pursuing Since July 6, 2021
NET	Computer Science and Application	-	2019
SET	Computer Application	Mother Theresa University	2017
M.Sc	Computer Science	Lady Doak College, Madurai	2017
B.Sc	Computer Application	Lady Doak College, Madurai	2015

Specialisation in Teaching:

Operating Systems, RDBMS, Java, C, C++, Data structure, .Net, Data Mining, Computer Network, Software Engineering, Cloud Computing, Digital Image Processing.

Research Interests:

- ☒ Machine Learning
- ☒ Deep Learning
- ☒ Image Processing

Other Work Experience:

Designation	Institution / Company	Year - From (month/year) To (month/year)
Assistant Professor	The American College	From July 2018 to Till date
Software Developer	Lady Doak College	From August 2017 to May 2018

Administrative /Academic Position/s (held/currently holding):

Positions held / currently holding	Year - From (month/year) To month/year)
IQAC Representative	June 2022 – Till date
Academic Advisor	July 2019 – Till date
Admission Work (Member) - Department Level	May 2018 to Till date
NAAC Working Committee (Member) - Department Level	June 2019 to Till date

Research papers published in Peer refereed Journals:

S.No	Title of paper	Name of Journal	Year of publication	ISSN number	UGC care list /Web of Science/ SCOPUS/ PubMed	DOI link
1	Automated Classification of The Epileptic Seizures – A Survey on Conventional Methodologies	International Journal of Innovative Research in Science and Engineering, Volume 8, Issue 11, 2022	Nov 2022	ISSN: 2454-9665	Peer Reviewed International Journal	http://www.ijirse.com/wp-content/upload/2022/08/M820.pdf

Conference/Seminar Presentations:

Conference Attended: 4

S.No	Title of the Program	Title of the paper Presented	Presented / Attended	Name of the institution	Date and Duration (from–to)	Journal Publication Details	Link to article/paper/abstract of the article
1	International conference on Digital transformation	Classification of Epileptic Seizure Based on Multi	Attended & Presented	The American college	05.03.2020-06.03.2020	Conference Proceedings. ISBN: 938786529-0	-

		Support Vector Machine					
2	International Conference on Innovation and Advances in Interdisciplinary Research	Automated Classification of the Epileptic Seizures – A Survey On Conventional Methodologies	Attended & Presented	Mewar University, Rajasthan	28.11.2022 - 29.11.2022	International Journal of Innovative Research in Science and Engineering (IJIRSE), ISSN: 2454-9665. Volume 8, Issue 11, 2022, Pages 46- 57.	http://www.ijirse.com/wp-content/uploads/2022/08/M814.pdf
3	International Conference on Data Transformation-ICDT' 23	Secured Data Transformation using Steganography	Attended	The American college	5-6, 2020	-	-
4	International Conference on Emerging Trends in Engineering and Technology	An Overview Of Image Steganography in Image Processing	Attended & Presented	Pandian Saraswathi Yadav Engineering college	March-2017	International Conference Abstract Proceedings on Data Transformation. ISBN:978-93-92995-49-1	-

Workshops attended:6

S.No	Topic	Place	Date
1	Artificial intelligence and machine learning	Fatima college	26.09 2019
2	Artificial intelligence and future of IT in machine learning Age	Sri Meenakshi Govt Ars college	1.04 2019
3	Emerging Trends 2.0	BIT Institute,Bangalore	7.6.21- 11.6.21
4	Computers in Scientific Research	Govt.Arts and Science College	11.6.21
5	Workshop on Basic Computing	The American	21.02.2023

	Skills for Non-Teaching Staff	College	
6	Workshop on Art and Science of Methodical Scientific Writing & Publishing in a High Impact Journal	The American College	06.03.2023

Faculty Development Program Attended:9

S.No	Title of the Program	Name of the institution	Date and Duration (from-to)
1	Software project management using Artificial Intelligence	The American college	14.05.2020 &15.05.2020
2	E learning tools	The American college	16.05.2020 &17.05.2020
3	Bitcoin and Cryptocurrency in Blockchain Technology	Panimalar Institute of Technology	20.06.2020 & 21.06.2020
4	Auto ML	Lady Doak College	4.3.22
5	National Level Faculty Development Programme on Recent Research Convergence in Artificial Intelligence and Internet of Things	Bon Secours College For Women	21.11.2022 - 25.11.2022
6	National Level FDP on NEP 2020	V.V.Vanniaperumal College for Women	09.12.2022 - 14.12.2022
7	National Level FDP on Recent Advancements in Computing Technology	Sri.S. Ramasamy Naidu Memorial College	13.02.2023-17.02.2023
8	National Level FDP on Artificial Intelligence/Machine learning/Deep Learning	DRK College of Engineering and Technology & Invictus Engineers	20.02.2023 - 24.02.2023
9	FDP on Role of Artificial Intelligence in Power Sector	PSN College of Engineering and Technology	29.05.2023-02.06.2023

Seminars & webinar attended :20

S.No	Topic	Place	Date
1	COVID 19 and Continuing Relevance(International)	The American college	23.05.2020
2	Cyber Security Trends in 2020 and Beyond	The American college	13.06.2020

3	Tools for video preparation in E-Content development	Sri Meenakshi Government arts college	18.06.2020
4	Open Access Resources for Effective Teaching, Learning and Research (National)	Mangayarkarasi College of Arts & Science for Women	01.06.2020
5	An Insight into Nanotechnology"	Government arts college,salem	20.06.2020
6	Mathematics Behind Machine Learning"	Arulmigu Palaniandavar College of Arts & Culture,Palani	19.06.2020 & 20.06.2020
7	Digital Forensics with Wireshark	Presidency College,chennai	19.06.2020
8	Cyber security trends in 2020 and beyond	The American college	13.6.2020
9	Bitcoin and cryptocurrency in block chain technology	Panimalar institute of technoloty	20.6.2020& 21.6.2020
10	Recent trends in digital technologies	The American college	7.7.2020 to 11.7.2020
11	Cyber security and data protection	Mangayakarasi Engineering college	13.7.2020
12	Recent Trends in Computational Technologies	Ashoka institute of engineering and technology	13.7.2020 to 18.7.2020
13	Innovative Teaching – Learning Strategies for modern Pedagogy	Fatima College	21.9.21- 23.9.21
14	Auto ML	Lady Doak College	4.3.22
15	Technological Innovation and Artificial Intelligence	Mannar Thirumalai Naicker College with ICT Academy	6.4.22
16	National Level Webinar on "Research and Publication Ethics"	Saveetha College of Liberal Arts and Science, Saveetha institute of Medical and Technical Sciences, Chennai	21.7.22
17	International Webinar on Emerging Trends in Cyber Security	Jeyaraj Annapackiam College for Women & Salesian College	20.12.2022
18	Seminar on Quantum Computing	Thiagarajar College of Engineering	12.01.2023
19	IP Awareness and Training Program on National Intellectual Property Awareness Mission	The American College	20.02.203
20	Technological Innovation and Artificial Intelligence	Mannar Thirumalai Naicker College with ICT Academy	6.4.22

Other Activities / Academic Credentials:

- Acted as Organising Member at the YSSP Programs conducted by The

American College, Madurai.

- Acted as Resource person at the Workshop conducted by The Women's Forum of The American College, Madurai.