Name: M.LYDIA PACKIAM METTILDA

Designation: Assistant Professor

Department: Computer Science

Date of Joining: 21-06-2019

Phone with Extn. No: -

Email: lydiapackiam@americancollege.edu.in

Educational Qualification:

Degree	Subject	College / University& Place	Year Completed
B.Sc	Information Technology	The Standard Fireworks Rajaratnam College for Women, Sivakasi	2009
MCA	Computer Application	Erode Arts and Science College, Erode	2012
M.Phil	Computer Science	Ayya Nadar Janaki Ammal College, Sivakasi	2013
NET	Computer Science	NTA NET	2019
Ph.D Part Time	Computer Application	Manonmaniam Sundaranar University	Pursuing Since October 2021

Specialisation in Teaching: C, C++, Operating System, DBMS, Computer Networks, Mobile Technology

Specialisation in Research: Image Processing, Machine Learning

Research Interests: Data Analytics

Other Work Experience:

Designation	Institution / Company	Year - From (month/year) To (month/year)
Assistant Professor	Ayya Nadar Janaki Ammal College, Sivakasi	June 2013 – October 2014
Assistant Professor	Lady Doak College, Madurai	June 2017 – October 2017
Assistant Professor	Madurai Sivakasi Nadars Pioneer Meenakshi Women's College, Poovanthi	December 2017 – 20th June 2020

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

Positions held / currently holding	Year - From (month/year) To month/year)
Academic Advisor	21-06-2019 to till date
Admission Work (Member) – Department Level	July 2020 to till date
NAAC Working Committee(Member) – Department Level	21-06-2019 to till date
ICTACT Member	June 2023 to tilldate

Conference Presentations:

1. Presented a Paper entitled " A Review on Laryngeal Cancer Prediction using Artificial Intelligence Approach" in the International Virtual Conference on Research Innovation in Science, Engineering and Technology(ICVRISET 2022) " organized by the Department of Computer Science and Engineering, Kings Engineering College, Chennai , held on 1st& 2nd March 2022.
2. Presented a Paper entitled " Prognosis of Oral Cancer Lesion using Machine Learning Approaches" in the National Seminar on Recent Trends in Aquatic and Terrestrial Biology organized by the PG & Research Department of Zoology, Muslim Arts College, Thiruvithancode, held on 22nd April 2022.
3. Presented a paper entitled "Oral Cancer Detection Using Teachable Machine Web Based Tool", *at the National Conference on Interdisciplinary Research through New Age Information Technology*, Muslim Arts College, Thiruvithancode, 24.02.2023
4. Presented a paper entitled "Insight into Medical Imaging Modalities for Identification of Oral Cancer", *at the International Conference on Data Transformation*, The American College, Madurai, 20.04.2023.
5. Presented a paper entitled, "A study on Feature Extraction methods for Identification of Oral Cancer" , at the National Conference on Multidisciplinary Research Ethics, Muslim Arts College, Thiruvithancode, 04.09.2023 and 05.09.2023.

Publications:

Title of the Paper	Name of the Journal / Publisher (with month, year)	DOI Link
Early phase Oral Cancer Diagnosis Using Clahe and Adaptive Region Growing	**European Chemical Bulletin Volume 11, 2022**	**10.53555/ecb/2022.11.11.81**

Courses Completed

S.No	Details
1.	Completed 5Days short term training program on Frontiers of Computer Science from 06.07.2020 to 10.07.2020
2.	Attended one week short term training program on Matlab – Statistics and Data Science on 27.07.2020 to 01.08.2020
3.	Completed Certificate Course on Digital Teaching Techniques from 02.02.2023 to 17.02.2023.
4.	Completed 16 hours Professional Development Course Artificial Intelligence with Machine Learning in Java on 16.02.2023
5.	Completed 30 hours professional development course Database Programming with SQL on 02.08.2023
6.	Completed 30 hours professional development course Database Design on 03.08.2023

Seminars / Workshops attended:

S.No	Topic	Place	Date
1	Artificial intelligence and machine learning	Fatima college, Madurai	26.09.2019
2	ICT Tools and Softwares for Teaching and Learning	National Post Graduate College	03.07.2020
3	Online Lecture Series on IoT and its Applications	Vidyavardhaka College of Engineering	03.08.2020 - 07.08.2020
4	Emerging Trends 2.0	BIT Institute of Technology	07.06.2021 – 11.06.2021
5	Building Data – Driven Solutions using Data Analytics with ML and DL Algorithms	Chaitanya Bharathi Institute of Technology, Hyderabad	24.06.2021 – 28.06.2021
6	Art and Science of Methodical Scientific Writing & Publishing in a High Impact Journal	The American College	06.03.2023

Webinar attended:

S.No	Topic	Place	Date
1.	Dignity, Duties and Responsibilities of noble profession in the modern era	Kandaswami Kandars College, Velur	17.05.2020
2.	Art of writing Research Article and Journal Selection,	Madurai Sivakasi Nadars Pioneer Meenakshi Womens College, Poovanthi	27.06.2020
3.	Machine Learning	Angappa College of Arts and Science, Coimbatore	29.06.2020 30.06.2020
4.	Recent Trends in Data Science	GVN College, Kovilpatti	02.07.2020
5.	How we value research	Park Institution, Coimbatore	02.07.220

6.	Predatory Journals - A Growing threat for academicians	Bishop Heber College, Tiruchirapalli	04.07.2020
7.	Artificial Intelligence – The Futuristic World	Arignar Anna Govt Arts College for Women, Walajapet	11.07.2020
8.	Blockchain for Beginners	Vivekananda Institute of Technology, Bengaluru	13.07.2020
9.	Data Science – A Tool for Informed Decision Making	Mohamed Sathak A J College of Engineering, Chennai	14.07.2020
10.	Innovative Online Pedagogies – Teaching 2.0	Entercon Pvt, Ltd.	19.07.2020
11.	Edge Intelligence	Madurai Sivakasi Nadars Pioneer Meenakshi Womens College, Poovanthi	20.07.2020
12.	Online Assessment Tools	Velammal College of Engineering & Technology, Madurai	01.08.2020
13.	Demonstration of Online Educational Tools	Adikavi Nannaya University, Andra Pradesh	03.08.2020 – 04.08.2020
14.	How to Protect Your Ideas – Patent?	Madurai Sivakasi Nadars Pioneer Meenakshi Womens College, Poovanthi	08.08.2020
15.	Ground Breaking Data Science Technologies with Plethora of Resources	St.George's Arts and Science, Chennai	16.12.2021
16.	IoT and its Applications	Nandha Arts ans Science College, Erode	18.12.2021
17.	Lead the Life in Style	The American college, Madurai	01.02.2021
18.	The power to change the world	The American college, Madurai	08.03.2021
19.	Data Science concepts & Big data analytics	Ayya Nadar Janaki Ammal College, Sivakasi	02.06.2021
20.	Plagiarism Free article writing	Ayya Nadar Janaki Ammal College, Sivakasi	09.05.2021
21.	A Pandemic year for Women: What are we Learning?	The American College, Madurai	30.06.2021
22.	Promoting Ikigai to Arise & Shine	The American College, Madurai	29.07.2021
23.	IT Portfolio Management Using Jira	Madurai Sivakasi Nadars Pioneer Meenakshi Womens College, Poovanthi	28.01.2022

Faculty Development Program Attended:

S.No	Topic	Place	Date
1.	PHP and MySQL	MSN Womens College, Poovanthi	11.05.2020 – 15.05.2020
2.	Recent Technologies & Trends in Computer Science & Information Technology	Oriental Institute of Science & Technology, Bhopal	04.07.2020, 05.07.2020
3.	Machine Learning Essential for Every Researcher	Kongu Engineering College, Erode	06.07.2020 – 10.07.2020
4.	Recent Trends in Digital Technologies	The American College, Madurai	07.07.2020 – 11.07.2020
5.	Data Science Prerequisities	SFR College for Women, Sivakasi	15.07.2020 – 18.07.2020
6.	E-Contents ICT Tools Innovative and Effective Teaching	KS Jain Institute of engineering and Technology, Ghaziabad	15.07.2020 – 21.07.2020
7.	E-Content Learning Skill Development Programme	Thiruvalluvar College, Papanasam	16.07.2020 – 22.07.2020
8.	AI and Data Science	JSPM's Rajarshi Shahu College of Engineering, Pune	22.07.2020 - 26.07.2020
9.	Matlab – Statistics and Data Science	Sagar Institute of Research and Technology, Bhopal	27.07.2020 – 01.08.2020
10.	Data Analytics and Machine Learning	Dayananda Sagar College, Bangalore	14.08.2020 – 18.08.2020
11.	Recent Research Directions in Applying Deep Learning for Health Informatics	Arulmigu Kalasalingam College of Arts and Science, Krishnankoil	19.05.2021
12.	Introduction to Python Programming	ICT Academy	24.05.2021 – 28.05.2021
13.	Industrial Revolution 4.0: Emerging Trends in Information technology	PPG College of Arts and Science, Coimbatore	21.05.2021- 28.05.2021
14.	Deep Learning & its applications	Ayya Nadar Janaki Ammal College, Sivakasi	05.06.2021
15.	Research and Application Perspectives of Artificial Intelligence	KPR institute of Engineering and Technology	16.06.2021 – 21.06.2021
16.	Cyber Security Essentials	ICT Academy	23.08.2021 – 27.08.2021
17.	Innovative Teaching – Learning Strategies for modern Pedagogy	Ayya Nadar Janaki Ammal College, Sivakasi	21.09.2021 – 23.09.2021
18.	Advanced Research Methodology	Bon Secours College for Women, Thanjavur	19.02.2022 - 24.02.2022
19.	Auto ML	Lady Doak College	04.03.2022
20.	Recent Advances in Data Science, Data Analytics and Cyber Security	Shri Vishnu Engineering College for Women	01.03.2023- 05.03.2023

Lectures /Talks given:-

IoT Based Wireless Network, Sri Kaliswari College, Sivakasi, 20.11.2020

Other Activities / Academic Credentials:

- Question Setter –Lady Doak College, Madurai

- External Examiner - Madura College, Fatima College and Lady Doak College, Madurai,

IoT Based Wireless Network, Sri Kaliswari College, Sivakasi, 20.11.2020