Ms.M.MUTHULAKSHMI

Head & Assistant Professor
Department of Computer Applications
muthulakshmim@mannarcollege.ac.in
95788 48644

Academic Qualifications:

Master of Philosophy
- University : Madurai Kamaraj University
- Subject : Computer Science
- Year : 2008

Post-Graduation
- University : Madurai Kamaraj University, Madurai
- Degree : Master of Computer Applications
- Year : 2003

- University : Mother Teresa Women's University
- Degree : Master of Business Administration
- Year : 2010

Under Graduation:
- University : V.V.V.College for Women, Virudhunagar
- Year : 2000
- Degree : B.Sc.(Computer Science)

Other Qualifications

- Qualified in SET Examination in Computer Science, October 2012
- Qualified in SET Examination in Business Administration, June 2018

Teaching Experience:

- Worked as a Lecturer in Mannar Thirumalai Naicker College, Madurai from July 2005 to August 2008.
- Worked as a Lecturer in Institute of Co-operative Management, Madurai from September 2008 to October 2012.

- Worked as an Assistant Professor in Madurai Institute of Social Sciences, Madurai from July 2013 to May 2014.
- Working as an Assistant Professor in Mannar Thirumalai Naicker College, Madurai from June 2014 to till date.

Area of Specialization

- Operating System
- Relational DBMS
- C, C++, Java Programming

Short Term Courses Attended

- An online course titled 'Introduction to Soft Skills' at TCS on 04.05.2020.
- An online course on 'Presentation Skills' at TCS from 09.05.2020 to 10.05.2020.
- An online course titled 'Introduction to Artificial Intelligence' at NPTEL on 09.05.2020.
- An online course on 'Programming, Data Structures and Algorithms' at NPTEL from 12.05.2020 to 15.05.2020.
- An online course titled 'Database Design' at NPTEL on 13.05.2020.
- An online course on 'Master Data Management' at TCS on 14.05.2020.
- An online course on 'Biometrics' at NPTEL on 19.05.2020.
- An online course on 'Computer Networks' at NPTEL on 21.05.2020.
- An online course on 'Stress Management' at GuruNanak College, Chennai from 24.05.2020 to 04.06.2020.
- An online course on 'Anger Management' at GuruNanak College, Chennai from 24.05.2020 to 04.06.2020.
- A short-term course on 'Cyber Security' at ICT Academy from 03.08.2022 to 12.08.2022.
- An online course on '2D/3D CAD Modeling of Building Environment' at Bentley Systems on September 27, 2023.
- An online course on 'Modeling Structures with Analytical Modeler' at Bentley Systems on September 27, 2023.

Publications

- Role of Technology on Entrepreneurship, Parishodh Journal, March 2020, 2347-6648, Vol. IX, Issue III, Impact Factor 6.3, UGC - CARE List - Group I
- Heart Disease Prediction System Using Machine Learning Techniques, International Journal of Mechanical Engineering, Feb 2022, 0974-5823, Vol. 7 No. 2, UGC - CARE List - Group I
- Intellectual Property Rights – An Overview, International Journal of Humanities, Law and Social Sciences, 2022, 2348-8301, Vol. IX, Issue 1, UGC - CARE List - Group I
- Challenges and Opportunities for women Entrepreneurs in India, Rabindra Bharati Journal of Philosophy, 2023, 0973-0087, Vol. XXIV with IF: 6.986, UGC - CARE List - Group I
- E-commerce – An Overview, Indian Journal of Psychology, 2023, ISSN : 0019-5553, Book No.05 2023 with IF: 7.986, UGC CARE Approved Peer Reviewed Journal

Papers Presented in Conference/Seminar:

- Presented a paper titled "Web Mining" at a National Seminar on Imminent Trends in Advanced Computing and Technology held at Senthamarai College of Arts and Science on 13.04.2013.
- Presented a paper on "Role of Technology on Entrepreneurship" at a National Seminar, A Digital transformation - Entrepreneur & Infopreneur 2K20 held at Mannar Thirumalai Naicker College, Madurai on 24.01.2020.

Membership in Academic/Professional Bodies:

- Served as a **Subject Expert** in the Board of Studies Meeting at E.M.G Yadava Women's College, Madurai.

Guest Lectures delivered

- Delivered a guest lecture titled "Features of Social Networking" at Institute of Cooperative Management on 11.11.2021.
- Delivered a guest lecture on "Google Docs and Google Drive" at Institute of Cooperative Management on 12.11.2021.
- Delivered a guest lecture on "E-Commerce and its Applications" at Institute of Cooperative Management, Madurai on 02.04.2022.

- Delivered a guest lecture on "E-mail & Internet Technology" at Institute of Cooperative Management, Madurai on 22.06.2022.
- Delivered a guest lecture on "Digital Banking and Cashless Transactions" at Institute of Cooperative Management, Madurai on 23.06.2022.
- Delivered a guest lecture on "Computer Applications and MIS" at Institute of Cooperative Management, Madurai on 01.11.2023 and 02.11.2023.

Workshop/Conference/FDP Attended in MTN College:

S. No	FDP/Workshop	Name of the Programme	Name of the Institution / University	Date (DD/MM/YYYY)
1	FDP	Intellectual Property Rights, Skill Development Programmes, Innovations, Patents and Setting Up Incubation Centres	Mannar Thirumalai Naicker College	22.01.2019
2	FDP	The Application of SPSS and AMOS for Data Analysis	Mannar Thirumalai Naicker College	22.02.2019 & 23.02.2019
3	FDP	One who can do, Teaches! How to do? and What to do?	Mannar Thirumalai Naicker College	08 .03.2019
4	Workshop	Prospects of Outcome Based Curriculum	Mannar Thirumalai Naicker College	09.03.2019
5	FDP	Outcome Based Education	Mannar Thirumalai Naicker College	28.08.2019
6	FDP	Research writing and publication: Theory and Practice	Mannar Thirumalai Naicker College	19.10.2019
7	International - Workshop	Algorithmic Thinking and Problem solving	Mannar Thirumalai Naicker College	23.01.2020
8	State - Workshop	Entrepreneurship Opportunities in IoT	Mannar Thirumalai Naicker College	13.02.2020
9	State - Workshop	Managerial and Professional communication skills	Mannar Thirumalai Naicker College	20.02.2020

10	FDP	e-Content Development and Digital Tools usage	Mannar Thirumalai Naicker College	29.02.2020
11	FDP	Quality Assurance and Sustenance in Higher Education	Mannar Thirumalai Naicker College	11.03.2020
12	National FDP	Faculty Enrichment Programme	Mannar Thirumalai Naicker College	13.05.2020 to 19.05.2020
13	FDP	Enhancing Quality By UnEarthing Innovative Practices	Mannar Thirumalai Naicker College	18.04.2022 to 24.04.2022
14	FDP	Education 4.0 for Sustainable Economic Development	Mannar Thirumalai Naicker College	27/04/2022
15	FDP	Dynamics of Research Publications	Mannar Thirumalai Naicker College	15.09.2022 & 16.09.2022
16	FDP	Consultancy and Corporate Training	Mannar Thirumalai Naicker College	17.03.2023
17	FDP	Insights of National Educational Policy(NEP 2020)	MTN College,Madurai	18/3/2023
18	International Seminar	Recent Trends in Computing Intelligence and industry 4.0"	Mannar Thirumalai Naicker College	24.3.2023
19	National Workshop	ChatGPT & AI Tools	Mannar Thirumalai Naicker College	27.07.2023 & 28.07.2023

FDP/Workshop Attended (other than MTN College):

S. No	FDP/Workshop / /Webinar	Name of the Programme	Name of the Institution / University	Date (DD/MM/YYYY)
1	State Workshop	J2EE and Best Practices in Application Development	ICT Academy of Tamilnadu	19-03-2010
2	National Seminar	Imminent Trends in Advanced Computing and Technology	Senthamarai College of Arts and Science	13-04-2013
3	National Workshop	Android Application Development	IIT Bombay	28-02-2017

4	National Seminar	Big Data Analytics	ICT Academy of Tamilnadu	24-03-2017
5	National Seminar	Cybercrimes and Security Issues in Digital World	Madurai Kamaraj University, Madurai	26-02-2018
6	National Workshop	MOOCs through SWAYAM	Manonmaniam Sundaranar University, Tirunelveli	19-11-2018
7	International Workshop	Wireless Sensor Networks	EMG Yadava Women's College, Madurai	27-12-2018
8	International Seminar	Big Data Analytics	Madurai Kamaraj University, Madurai	21-02-2019
9	State Seminar	Ethical Hacking	Madura College, Madurai	27-02-2019
10	National - Workshop	R Language	ICT at IIT Bombay	09-11-2019
11	National - Workshop	Programming with Python	Madurai Sivakasi Nadars Pioneer Meenakshi Women's College, Sivagangai	31/01/2020 & 01/02/2020
12	State -Workshop	Enhancing soft skills for personality development	V.H.N.S.N College, Madurai	12-02-2020
13	State Workshop	Basic Online Research Method	REST Society for Research, Krishnagiri	28.04.2020 to 30.04.2020
14	State FDP	Data Analysis and Visualization of Covid-19 Dataset Using Python	Jerusalem College of Engineering, Chennai	07.05.2020
15	State Webinar	Open Source Software	M.V.Muthiah Govt Arts College, Dindigul	09.05.2020
16	International FDP	The Role of Teachers in Building p Human Capital	Idhaya College for Women, Kumbakonam	14.05.2020 & 15.05.2020
17	State Webinar	Blockchain Technology for New Era of Higher Education	Gautam Buddha University, Noida	14.05.2020
18	State Workshop	Introduction to Animation	Universal Teachers Academy, Puducherry	14.05.2020 to 18.05.2020
19	National Webinar	Data Science	Kaamadhenu Arts and Science College, Erode	16.05.2020
20	National FDP	Machine Learning and Applications	Sagar Institute of Research and Technology, Bhopal	18.05.2020 to 23.05.2020
21	International Webinar	Aatmanirbhar Bharat: A Dawn of New Economic Reforms	Anna Leela College of Commerce	23.05.2020
22	International Webinar	Covid-19 and Continuing Relevance	The American College, Madurai	23.05.2020

23	International Webinar	Stay Home Classroom	Noida International University	27.05.2020
24	National Webinar	IOT and its Application	MAVMM AyiraVaisyar College, Madurai	27.05.2020
25	State Webinar	Branding Design & Digital Marketing	Auxilium College, Vellore	22.05.2020 & 23.05.2020
26	State Webinar	The Power of Data Analytics using Python	Bhavan's Vivekananda College, Secunderabad	23.05.2020
27	State Webinar	The Digital Accountant - Digital Skills in a Transformed World	Kumaraguru College of Liberal Arts and Science, Coimbatore	26.05.2020
28	State Webinar	Skills to Stay Relevant in the 21st Century	KPR College of Arts and Science, Coimbatore	26.05.2020
29	State FDP	Web Application Security	Jeppiar Institute of Technology, Chennai	27.05.2020 & 28.05.2020
30	State FDP	Capacity Building Program for Teachers during and post Covid-19	Godavari Institute of Engineering and Technology, Andhra Pradesh	28.05.2020 & 29.05.2020
31	State Webinar	Art of Writing Research Paper	Gautam Buddha University, Noida	29.05.2020
32	State Webinar	Research Methodology and Cloud Computing	Sri Meenakshi Vidiyal Arts and Science College, Trichy	29.05.2020
33	State Webinar	Block Chain with Industry Applications	SMK Forma Institute of Technology, Chennai	29.05.2020 & 30.05.2020
34	State Webinar	A Road Map for Research Preparing and Presenting research papers in conferences and seminars	Sourashtra College, Madurai	30.05.2020
35	National Webinar	Wealth creation through personal financial management	Guru Nanak Khalsa College, Yamuna Nagar	07.9.2021
36	National Webinar	Wealthcreationthroughpersonalfinancial management	GDPFoundation,Goa	9.9.2021
37	National FDP	PersonalFinancialManagement	St.Mary's Group of Institutions,Guntur	20.9.2021
38	National Webinar	Management of Personal Finance	Himachal Pradesh University, Shimla	06.12.2021
39	Webinar	"Intellectual Property Rights (IPR)"	Vel Tech Institute of Science and Technology,Chennai.	12.01.2022
40	FDP	Microsoft Azure Fundamentals	ICT Academy	16.02.2022 to 18.02.2022

41	National Webinar	"Data Analytics - Creating Value with Data"	Saintgits College of Applied Sciences, Kottayam	19.02.2022
42	International Webinar	An Overview of GST	Madurai SivakasiNadars Pioneer Meenakshi Women's College, Poovanthi	18.03.2022
43	FDP	Microsoft Azure data Fundamentals	ICT Academy	28.03.2022 to 30.03.2022
44	Webinar	Technological Innovation and Artificial Intelligence	ICT Academy	06.04.2022
45	National Webinar	Research Methodology	St.Joseph University, Nagaland	25.04.2022
46	National Webinar	Financial Empowerment and Career Opportunities in the Financial and Security Market	J.S. UNIVERSITY, SHIKOHABAD	05.01.2023
47	International Seminar	Youth Mental Health Well-Being : Professional Perspective	International Council for Education, Research and Training	12.01.2023
48	State Level Seminar	Intellectual Property Rights	The American College	03.02.2023
49	FDP	Full Stack Development	Kamaraj college of Engineering and Technology, Virudhunagar	11.07.2023 to 15.07.2023
50	FDP	Android Basics with Compose	ICT Academy	09.10.2023 to 13.10.2023