Ms.Thivya Sindhu.T

Assistant Professor

Department of Commerce with Computer Applications

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I. Academic Qualifications:

Doctoral Research - Ph.D

- **University** : Madurai Kamaraj University, Madurai, India
- **Year** : 2022 (Registration) - Pursuing

Master of Philosophy

- **University** : Bharathidasan University, Tiruchirappalli.
- **Year** : 2007

Post-Graduation

- **University** : Bharathidasan University, Tiruchirappalli.
- **Degree** : Master of Science in Computer Science
- **Year** : 2005
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Under Graduation:

- **University** : Manonmaniam Sundaranar University, Tirunelveli
- **Degree** : Bachelor of Science in Computer Science
- **Year** : 2003

II. Teaching Experience:

- Under-Graduate : 18 years
- Post Graduate : 5 years

- From 2006 – Working as an Assistant Professor in the Self

Financing Stream in Mannar Thirumalai Naicker College, Madurai

Area of Specialization

- Data Structures and Algorithms
- Data Mining

Professional Recognition/Award/Prize/Certificate, Fellowship received:

- Got I prize in the Paper presentation conducted by Madurai Productivity Council on Feb 2017

Positions held at our college (MTNC):

- Acted as the member in Data compilation and Interpretation- IQAC from 2017 -2018

- Acted as Organizer for Spoken Tutorial IIT Bombay from 2022 to till date

- Acted as member in IQAC Criterion IV committee from 2023 to till date

Book Chapter Edited

- **The book titled "**A Modern Approach of Virtual Reality" featuring the chapter "Programming Language for AR and VR Application" has an ISBN of 978-81-965283-4-8 and published in August 2023.

III. Faculty Development Programme/Short Term Course attended (other than MTNC):

S.No	Faculty Development Programme/Short Term Course	Title of the Programme/Course	Name of the Institution/University	Month and Year
1.	Faculty Development Programme	Free and Open Source Software	Thiagarajar Collegeof Engineering, Madurai	29.08.2015
2.	Faculty Development Programme	Introduction to PHP Programming	ICTACT & KLN College of Engineering, Madurai.	22.12.2015 and 23.12.2015
3.	Short Term Course	Big Data Analytics	Bharathidasan University	May 2020
4.	Faculty Development Programme	Applications of Machine Learning with Python	Thiagarajar College,Maduari	09.11.2022
5.	Short Term Course	30 Days Deep Learning Masterclass	Pantech e Learning Pvt Ltd, Chennai	11.11.2022 to 11.12.2022
6.	Faculty Development Programme	Societal Applications of Machine Learning	Sri Vishnu Engineering College for Women, Bhimavaram	26.12.2022 to 30.12.2022
7.	Faculty Development Programme	Exploring Technological Advancements : A Voyage into Emerging Horizons	Sri S.Ramsamy Naidu Memorial College	7 Days 20.11.2023-27.11.2023

S.No							
8.	Short Term Course	LibreOffice Suite Calc 6.3	Spoken Tutorial Project, IIT Bombay.	14.12.2023			
9.	Faculty Development Programme	AI tools for Research and Publishing	Mannar Thirumalai Naicker College, Madurai	14.02.2024-16.02.2024			

IV. RESEARCH EXPERIENCE:

Research Articles Published in Proceedings:

S.No	Name of the Author/Authors	Title of the Article	Title of the Conference/Seminar	International/ National /Statelevel	ISBN Number	Month and Year
1.	Thivya Sindhu.T Vanitha.R	Bitcoin-A Decentralized Global Currency	International Conference on Emerging Trends in Science,Technology and Mathematics	International	e-ISSN:2349-5138	June 2019
2.	Thivya Sindhu.T	COVID -19 Boosts Prospects of Touchless Biometric Systems	International Conference onEmerging Trends in Science, Technology and Mathematics -2020	International	e-ISSN:2319-8753	October 2020
3.	Thivya Sindhu.T Vanitha.R	Intelligent of Thyroid Disease Prediction using Attributes of Machine Learning	International ConferenceOn Emerging Trends on Science, Technology andMathematics	International	e-ISSN:2319-8753	December 2021

4.	Thivya Sindhu.T Rajeswari.P	Impact Of Artificial Intelligence On Intellectual Property Rights	International Journal of humanities, Law and Social Sciences	International	ISSN 2348-8301	2022

Paper presented in Conference/Seminar:

S.No.	Title of the Paper	International/ National /State level	Title of the Conference	Institution/College Name	Month and Year
1.	From Waste to Profit Through Reduce, Recycle, Reuse	National	National Productivity Week Celebrations-2017	Madurai Productivity Council	Feb 2017
2.	Bitcoin-A Decentralized Global Currency	International	International Conference on Emerging Trends in Science, Technologyand Mathematics	Parvathy's Arts & Science College	Aug 2019
3.	Aspects of Covid -19 and Remedial Actions	International	-	Mannar Thirumalai Naicker College	July 2020
4.	COVID -19 Boosts Prospects of Touchless Biometric Systems	International	International Conference on Emerging Trends in	Parvathy's Arts & Science College	Oct 2020

S.No		International/National		Name	Month
			Science, Technology and Mathematics - 2020		
5.	Intelligent of Thyroid DiseasePrediction using Attributes of Machine Learning	International	International Conference On Emerging Trends on Science, Technology and Mathematics	Parvathy's Arts & Science College	December 2021
6.	Impact Of Artificial Intelligence On Intellectual Property	International	International Journal Of Humanities , Law And Social	Mannar Thirumalai Naicker College, Madurai	Nov 2022
7.	Entrepreneurial Culture In India	National	Rabindra Bharati Journal Of Philosophy - Ugc Care Group I	Mannar Thirumalai Naicker College, Madurai	December 2022
8.	A Method for Categorized and Recognized Thyroid Cancer Using Supervised and Unsupervised Learning	National	National Conference on Recent Advancements in Pure and Applied Mathematics (RAPAM -2024)	PG and Research Department of Mathematics, Mannar Thirumalai Naicker College Mannar Thirumalai Naicker College, Madurai	March 2024

Workshop / Conference/ Seminar Attended (other than MTNC):

S.No	International/National / StateLevel	Title of the Programme/Course	Name of the Institution/University	Month and Year

1.	National level	Research Issues in Computer Application	Sri Meenakshi GovernmentCollege for Women ,Madurai	08.01.2011
2.	State level	Web Applications	The Madura College , Madurai	28.02.2011
3.	State level seminar	Data Networks	The Madura College , Madurai	14.03.2013
4.	State level seminar	Applied Data Mining	Sri Meenakshi GovernmentCollege for Women, Madurai	20.01.2015
5.	National	Recent Trends in IT Technologies	Mangayarkarasi College ofArts & Science For Women , Madurai	27.08.2016
6.	National	Ethical Norms forresearch Writing and Publication : Scopus Indexed Journals	Virudhunagar Hindu Nadar's Senthikumara Nadar College	16.05.2022 - 17.05.2022
7.	State level seminar FDP	Cloud Practitioner (AWS)	ICT Academy	25.07.2022 to 29.07.2022
8.	National	Machine Learning & Advanced C++	Annai Fatima College of Arts & Science	15.09.2023

Workshop/Conference/Seminar/ FDP Attended in MTNC:

S.No	International/ National/ State Level	Title of the Workshop/Conference/Seminar	Name of the Institution/ University	Month and Year
1.	State	FDP	Mannar Thirumalai NaickerCollege, Madurai	March 2017
2.	State	One who can do, Teachers ! How to do?And What to do?	Mannar Thirumalai Naicker College, Madurai	March 2019
3.	State	Outcome Based Education	Mannar Thirumalai Naicker College, Madurai	August 2019
4.	International	Algorithmic Thinking and Problem Solving	Mannar Thirumalai Naicker College, Madurai	January2020
5.	State	Entrepreneurship Opportunities in IoT	Mannar Thirumalai Naicker College, Madurai	February2020
6.	State	e-Content development and Digital Tools Usage	Mannar Thirumalai Naicker College, Madurai	February 2020
7.	State	Quality Assurance and Sustenance in Higher Education	Mannar Thirumalai NaickerCollege, Madurai	March 2020
8.	State	Enhancing Quality by unearthing Innovative Practices – Equip 2022	Mannar Thirumalai Naicker College, Madurai	18.04.2022 to 24.04.2022
9.	State	Education 4.0 forSustainable Economic Development	Mannar Thirumalai Naicker College, Madurai	27.04.2022
10.	State	Dynamics of Research Publications	Mannar ThirumalaiNaicker College, Madurai	15.09.2022 & 16.09.2022
11.	State	India Emerging as a Global Leader	Mannar Thirumalai Naicker College, Madurai	27.09.2022

| 12. | State | Digital Transformation in Management | Mannar Thirumalai Naicker College, Madurai | 24.01.2023 |
| 13. | State | Consultancy and Corporate Training | Mannar Thirumalai Naicker College, Madurai | 17.03.2023 |

Online Workshop / Conference/ Webinar/E-Quiz Attended:

S.No	International/ National / State Level	Title of the Programme/ Course	Name of the Institution/University	Month and Year
1.	State level	Online FDP --NTA UGC Net & Set (Paper 1) Numerical Aptitude Training	Parvathy's Arts And Science College , Dindigul	01.06.2020 to 06.06.2020
2.	International Level	AI based Proctoring in NextGeneration Education	Shri Shanarla Sundarbai Shasun Jain College for Women	23.05.2020
3.	State level	Workshop -Smart Research 2020	Government First Grade College, Kanakapura	07.05.2020 to 09.05.2020
4.	National Level	Moodle Learning Management System	Mannar Thirumalai Naicker College, Madurai	06.06.2020 to 10.06.2020
5.	InternationalLevel	Real Time Cognitive Services on Azure Cloud	Parvathy's Arts And Science College, Dindigul	10.05.2020 to 12.05.2020
6.	National Level	Webinar - Emotional Intelligence	K.L.N College Of Engineering, Pottapalayam	08.06.2020

7.	State Level	Webinar -Lead By Example "Impress, Inspire And Influence"	Mannar Thirumalai Naicker College, Madurai	25.06.2020
8.	State Level	Change Is The Essence Of Life	ICT Academy -Sky Campus	25.05.2020
9.	National level	Online Faculty Enrichment Programme	Mannar Thriumalai Naicker College, Madurai	13.05.2020 to 19.05.2020
10.	State level	Change is the Essence of Life	ICT Academy, Chennai	25.05.2020
11.	State level	Emotional Intelligence	G.T.N Arts College, Dindigul	26.05.2020
12.	National Level	Webinar-Teaching in Digital Era	TCS ion,Tata Consultancy Services	25.04.2020
13.	National Level	AI Applications and its Trendsin Transforming Business	RBVRR Women's College	14.05.2020
14.	National Level	Fundamentals of Intellectual Proprty Right-Patents,Trademarks, Copyright and Designs	Dwaraka Doss Govberdhan Doss Vaishnav College	29.04.2020
15.	National Level	Introduction to Data Science	Mannar Thirumalai Naicker College, Madurai	11.06.2020
16.	National Level	Encouraging Learners Engagingin Remote Learning	Parvathy's Arts andScience College, Dindigul	13.06.2020
17.	National Level	Open source Software	M.V.Muthiah Govt Atrs Collge for Women	09.05.2020
18.	State level	Entrepreneurship Training Webinar on Handmade facemask making	Mannar Thirumalai Naicker College, Madurai	18.06.2020
19.	State level	E-Quiz on "World Environment Day 2020"	Mannar Thirumalai Naicker College, Madurai	05.06.2020

20.	State level	E-Quiz on "NETBITS" or Computer Networks	Mannar Thirumalai Naicker College, Madurai	07.06.2020
21.	International Level	E-Quiz on Data Structures	St.Xavier's Catholic College of Engineering	17.07.2020
22.	State level	E-Quiz on C Programming	Mannar Thirumalai Naicker College, Madurai	08.06.2020
23.	National Level	E-Quiz on UGC/NTA NET Paper-1	Sri Ramakrishna College of Arts & Science	25.06.2020
24.	State level	E-Quiz on IT Challenge	Shrimathi Indira Gandhi College	24.06.2020
25.	State level	E-Quiz on Compizzz - 2020	Parvathy's Arts And Science College, Dindigul	03.06.2020
26.	State level	E-Quiz on Infomines-2020	Dr.R.K.Shanmugam College of Arts & Science	05.12.2020
27.	International Level	Entrepreneurship Development	Nehru Institute OfTechnology	15.06.2021
28.	National Level	Biodiversity :Life Insurance ForChanging World	Mannar Thirumalai NaickerCollege	26.05.2021
29.	National Level	Building Blocks Of Life	Parvathy's Arts And Science	28.05.2021
30.	National Level	Is Down Syndrome A Disability	PSR Krishnammal CollegeFor Women	25.03.2021
31.	State Level	Preparing For Admission During Covid	Mannar Thirumalai Naicker College	05.06.2021
32.	International Level	Cloud Computing With Microsoft Azure	Madurai Sivakasi Nadars Pioneer Meenakshi College For Women	12.04.2021

33.	International Level	Recent Advancements In Machine Learning	Arul Anandar College	18.03.2021 & 19.03.2021
34.	National Level	Php And Mysql Training	IIT Bombay	03.03.2021
35.	National Level	Current Trends On Big Data	Mangayarkarasi College Of Arts And Science ForWomen	04.03.2021
36.	National Level	Current Trends in InformationTechnology	Nehru Arts and Science College,Coimbatore	02.02.2022 to 09.02.2022