Profile

Name   : **Dr. S.M.MUTHUKUMARI**

Gender   : Female

Department   : Computer Applications

Educational Qualification   : M.C.A, M.Phil., Ph.d.

S. No.	Degree / Diploma	Subject / Main	Year of Completion	Name of the College /University
1.	U.G.	B.C.A	2013	Arulmigu Kalasalingam College of Arts and Science, Krishnankovil, Srivilliputtur.
2.	P.G.	M.C.A	2016	P.R.Engineering College Vallam, Thanjavur.
3.	M.Phil.	Computer Science	2018	Bharathidasan University, Tiruchirappalli.
4.	Ph.d	Computer Science	2022	Bharathidasan University, Tiruchirappalli.

Aided ☐   **Management** ☑   **Shift I** ☑   **Shift II** ☐

Teaching Experience at Holy Cross College, Trichy: 3 Months.

Teaching Experience outside Holy Cross College   : 1 year

Total Teaching Experience: 1 Year 3Months.

Conference/Seminar/Workshop/ Training Programme attended - Academic & General:

(Last five years)

Academic Year	Name of the Conferences /seminars/ symposia/workshops	National / International	Online/ offline	Details
2019	International Conference on Advances in Intelligent Systems and Computing	International Level	Offline	Paper Presentation Title: "Ageing based Task scheduling Algorithms in Mobile Edge Computing"
2020	A Two-day International Conference on Smart and Innovative Technologies – The Future of Digital India (ICSIT'20	International Level	Offline	Paper Presentation Title: " SESA: Server Efficiency based Scheduling Algorithm for Mobile Edge Computing"
2020	Inernational FDP on Develop the ability to write Research Proposal	International Level	Online	Participation
2020	International Webinar On Recent Insights On Cyber Security	International Level	Online	Participation
2020	Webinar On	National	Online	Participation

	Cyber Security	Level		
2021	International E-Conference on Research and Development in Science, Technology and management in the current Era	International Level	Online	Participation
2022	National Seminar On Big Data and Challenges	National Level	Offline	Participation
2023	Seminar On ICT Trends and Opportunities for Non-Engineering Graduates and Role of Professional Societies in Career Progression	National Level	Offline	Participation
2023	One Day National Seminar on "Artificial Intelligence and ChatGPT"	National Level	Offline	Participation

Journal / Articles Published:

1. S.M. Muthukumari, Dr. E. George Dharma Prakash Raj (2020), **ATSA : Ageing based Task Scheduling Algorithms in Mobile Edge Computing**, Book Chapter in *Advances in Intelligent Systems and Computing* **(Springer : Singapore)**.

2. S.M. Muthukumari, Dr. E. George Dharma Prakash Raj (2020), **SESA : Server Efficiency Based Scheduling Algorithm For Mobile Edge Computing,** International Journal of Advanced Science and Technology (IJAST) **(Australian Journal).**

3. S.M. Muthukumari, Dr. E. George Dharma Prakash Raj (2022). **MTSA: Multiple Task Scheduling Algorithm based on Server Efficiency in Mobile Edge Computing,** International Journal of Computer Science and Network Securit*y* Vol.22 No.1, https://doi.org/10.22937/IJCSNS.2022.22.1.99. (UGC- Care List Indexed in Web of Science, South Korea).

4. S.M. Muthukumari, Dr. E. George Dharma Prakash Raj (2022). **Strategic Review and Framework of Task Scheduling Algorithms in Mobile Edge Computing**, International Journal of Computer Science and Network Security, Vol22 N0.3, https://doi.org/10.22937/IJCSNS.2022.22.3.51. (UGC- Care List Indexed in Web of Science, South Korea).

5. S.M. Muthukumari, Dr. E. George Dharma Prakash Raj (2022). **Task Scheduling Algorithms in Mobile Edge Computing- A Survey**, Recent Trends in Cloud Computing and Web Engineering, Volume 4 Issue 1, DOI: https://doi.org/10.5281/zenodo.6546600**.**

6. S.M. Muthukumari, Dr. E. George Dharma Prakash Raj (2020). **The Pivotal Role of Edge Computing With Machine learning and its Impact on healthcare.** Deep Neural Networks for Multimodal Imaging and Biomedical Applications in IGI Global (USA) DOI: 104018978-1-7996-3591-2.

7. Dr.S.M.Muthukumari (2023). **IoT Based System for Automatic Basketball Scoring Board.** Journal of Multidimensional Research & Review. Vol.4, Iss.2 Pages 20-28 (October 2023) (JMRR).

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