TAGORE ENGINEERING COLLEGE
(A Member of Tagore Group of Institutions Chennai)
Approved by AICTE, New Delhi I Affiliated to Anna University, Chennai
ACCREDITED BY IQAC-NAAC WITH 'A' GRADE

FACULTY PROFILE

PERSONAL DETAILS

Name & Qualification	**S. MURUGESAN, M.E.,(Ph.D).,**
Designation	ASSISTANT PROFESSOR
Department	IT
Total Teaching Experience	12 Years
Total Research Experience	7 Years
Total Industry Experience	-
Area of Specialization	Software Engineering, Data Science, Theory of Computation
AICTE Faculty ID	1-496814613
Email ID	muruga13@gmail.com

EDUCATIONAL DETAILS

Degree	Branch/ Specialization	University	Year
UG	B.E-Computer Science and Engineering	Anna University Chennai	2007
PG	M.E-Computer Science and Engineering	Anna University Tiruchirappalli	2010
Ph.D	Information and Communication Engineering	Anna University Chennai	Pursuing

RESEARCH / PUBLICATION DETAILS
Publications in Journal

1. **Murugesan Shanmugavelu** & Muthurajkumar Sannasy 2022, 'A scheme of opinion search & relevant product recommendation in social networks using stacked DenseNet121 classifier approach', Automatika, DOI: 10.1080/00051144.2022.2140389, ISSN: 0005-1144.

2. **S. Murugesan,** S. Muthurajkumar A. Kannan, "Secured Storage for Cloud Based Relational Database Management Systems", International Conference for Phoenixes on Emerging Current Trends in Engineering And Management (PECTEAM 2K18), Advances in Engineering Research (AER), Atlantis Press, vol. 142, pp. 60-63, 2018.

3. **S. Murugesan,** R. Revathy, "A Novel Design Approach to Frequent Pattern Mining over Parallel and Distributed Environment", Published in International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 9 No.22 (2014) pp. 5771-5777.

4. **S. Murugesan,** A.R. Arunachalam, "A Wavelet Domain Based Texture Classification Using Feature Statistics and Co-Occurrence", International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 9 No.22 (2014) pp. 6029-6035.

5. **S. Murugesan,** N. Sakthi Priya, "Catching An Efficient Web Service Response In MANET Using Rest Architecture", Published in International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 9 No.22 (2014) pp. 5855-5861

Conference Proceedings

1. **S. Murugesan,** "Security for VANET Based on User Privacy and Identity Using Threshold Signature Scheme" in "International Conference on recent Advances in Science, Engineering & Management (ICRASEM-2022)" held on Jan 2023.

2. **S. Murugesan,** "IoT based Smart Irrigation System" in "International Conference on recent Advances in Science, Engineering & Management (ICRASEM-2022)" held on Jan 2023.

3. **S. Murugesan,** "Security for VANET Based on User Privacy and Identity Using Threshold Signature Scheme" in "International Conference on Electrical, Communication and Computing [ICECC-17]" held on 7th and 8th March 2017.

4. R. Swetha, K. Sivasakthi, M. Shivya, **S. Murugesan,** "Multiple Image Watermarking Using Chessboard Histogram Shifting" in "International Conference on Electrical, Communication and Computing [ICECC-17]" held on 7th and 8th March 2017.

5. **S. Murugesan,** S. Muthurajkumar, , A. Kannan, "Secured Storage for Cloud Based Relational Database Management Systems", International Conference for Phoenixes on Emerging Current Trends in Engineering And Management (PECTEAM 2K18), Panimalar Engineering College, Chennai.

6. **S. Murugesan**, "Green Computing-Driving Intelligent Energy Management" in National Conference on "Recent Advances in Science, Engineering and Management (NCRASEM- 2018)" held on 28th March 2018, in Tagore Engineering College.

7. **S. Murugesan**, "An Efficient Approach to Mining Motif Mining in Sequential Data Sets Using Flame" in National Conference On "Advanced Computing", held on 15th March 2013, in Tagore Engineering College.

8. G. Vijayalakshmi, S. Vishnu Priya, B. Yamuna Devi, **S. Murugesan,** "Four Factor Authentication System for Image Captcha Password Scheme" in National Conference on "Recent Advances in Science, Engineering and Management (NCRASEM-2018) held on 28th March 2018.

9. S. Gomathi, R. Haritha, **S. Murugesan**, "Safe and Light weight Data Sharing System for Cloud Computing" in National Conference on "Recent Advances in Science, Engineering and

Management (NCRASEM-2018) held on 28th March 2018.

Books / Chapters Published

-

Fund Received

-

Patent Applied / Published/Granted

Dr. R. Beula Jayakumari, **Mr. S. Murugesan**, A. Suganya, S. Shobana "AI-Powered Nutrition Analyzer for Fitness Enthusiasts" Published in "Patent Application Publication, India" on Journal No. 49/2022 dated 09.12.2022.

Dr. M. Anbarasan, **Mr. S. Murugesan**, Ms. D. Meenakshi "Emergency Response Handling System for Individual Crisis and Large-Scale Disasters by Crowd Shaping" Published on 05.06.2020, Appln. No. 202041016067.

CITATIONS	-
H-INDEX	-

RESEARCH GUIDANCE DETAILS

Sl.No	University	Supervisor ID / Reference
1	Anna University, Chennai	-
2	Number of UG Scholars Guided	**22**
3	Number of PGScholars Guided	**2**
4	Number of Ph.D. Scholars Guided	**0**
5	Number of Ph.D. Scholars Pursuing	**0**

PROFESSIONAL SOCIETY MEMBERSHIP DETAILS

Sl.No	Professional Society Name	Member ID
1	Indian Society for Technical Education (ISTE)	
2	The International Association of Engineers (IAENG)	**151970**

| 3 | Indian Society of Systems for Science and Engineering (ISSE) | |