



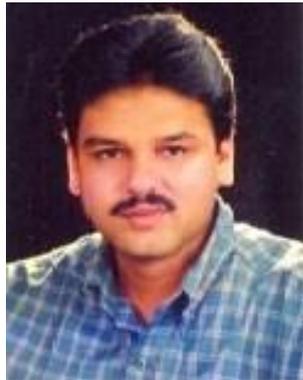
# TAGORE ENGINEERING COLLEGE

(A Member of Tagore Group of Institutions Chennai)

Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai

ACCREDITED BY IQAC-NAAC WITH 'A' GRADE

## FACULTY PROFILE

PERSONAL DETAILS			
Name & Qualification	Dr.S.SURENDRAN, M.E., Ph.D		
Designation	PROFESSOR & HEAD		
Department	COMPUTER SCIENCE AND ENGINEERING		
Total Teaching Experience	22 YEARS		
Total Research Experience	7 YERS		
Total Industry Experience	NIL		
Area of Specialization	MOBILE ADHOC NETWORKS		
AICTE Faculty ID	1-496985707		
Email ID	hod.cse@tagore-engg.ac.in		
EDUCATIONAL DETAILS			
Degree	Branch/ Specialization	University	Year
UG	Electrical and Electronics & Engineering	Manonmaniam Sundarnar University	1998
PG	Computer Science and Engineering	Madurai Kamarajar University	2000
Ph.D	Computer Science and Engineering	Anna University, Chennai	2015
RESEARCH / PUBLICATION DETAILS			
Publications in Journal			
<ol style="list-style-type: none"> <li>1. Surendran, S &amp; Prakash, S, "An ACO Look-Ahead Approach to QOS Enabled Fault-Tolerant Routing in MANETs", China Communications, Volume: 12, Issue: 8, pp. 93 - 110, 2015, DOI:10.1109/CC.2015.7224693.</li> <li>2. Surendran Subbaraj &amp; Prakash Savarimuthu 2014, 'EigenTrust-based non-cooperative game model assisting ACO look-ahead secure routing against selfishness', EURASIP Journal on Wireless Communications and Networking, 2014:78, DOI: 10.1186/1687-1499-2014-78.</li> <li>3. Arivarasan. S, Prakash.S, Surendran.S, "A new modified mutation based ant colony algorithm for optimized fault tolerant routing protocol in MANET", Journal of Advanced Research in Dynamical and Control Systems Volume 12, ISSUE3, 2020, Pages 608-621.</li> </ol>			

DOI: [10.5373/JARDCS/V12I3/20201408](https://doi.org/10.5373/JARDCS/V12I3/20201408) .

4. S. Arivarasana , Dr.S. Prakashb , Dr.S. Surendran, “An Energy Efficient QoS Routing Protocol based on Red Deer Algorithm in MANET”” Turkish Journal of Computer and Mathematics Education Vol.12 No. 5 (2021), 1461-1471.
5. B. Gobinathan , M. A. Mukunthan, S. Surendran, K. Somasundaram, Syed Abdul Moeed, P. Niranjan, V. Gouthami, G. Ashmitha, Gouse Baig Mohammad, V. K. Shanmuganathan, Yuvaraj Natarajan, K. Srihari, Venkatesa Prabhu Sundramurthy ,” A Novel Method to Solve Real Time Security Issues in Software Industry Using Advanced Cryptographic Techniques”, Hindawi Scientific Programming Volume 2021, Article ID 3611182, 9 pages  
<https://doi.org/10.1155/2021/3611182>

### Conference Proceedings

1. Surendran S, (2017), “Adaptive Assessment Test for Skill Analysis of Students (AATSAS)”, ICECC’17, 7 & 8 March 2017, Tagore Engineering College.
2. Arivarasan S, Surendran , S, (2017), “A Survey on Quality of Service in MANET”, ICECC’17, 7 & 8 March 2017, Tagore Engineering College.
3. Dr.S Surendran,HOD/CSE Mr.S Arivarasan, Assistant Professor has presented paper “Maintaining Connectivity and Recursive Computation of nodes in Networks” in National Conference on “ Recent Advances in Science, Engineering and Management(NCRASEM-2018)” held on 28 th March 2018, in Tagore Engineering college.
4. Mr.G.Robin vinnarasu, Mr.M.Sabari Nathan, Mr.P.Sathish kumar, Mr.S.Surendran, Final year has presented paper “Vanet Traffic Monitoring System” in National Conference on “ Recent Advances in Science, Engineering and Management(NCRASEM-2018) held on 28 th March 2018, in Tagore Engineering college.
5. Ms.D Pavithra, Ms.Praba R, Ms.Suvedha N, Mr.S.Surendran, Final year has presented paper “Career Guidance as a Recommendation System” in National Conference on “Recent Advances in Science, Engineering and Management(NCRASEM-2018) held on 28 th March 2018, in Tagore Engineering college.
6. Surendran, S 2014, ‘ACO Approach to Fault-Tolerant Algorithm for Routing In Mobile AdHoc Networks’, Proceedings of the International conference on ICECC2014, Tagore Engineering College, Chennai, India, pp. 1944-1953.
7. Surendran, S 2012, ‘Foiling Vehicles from Sybil Attack using Pseudonyms,’ Proceedings of the National conference on RICSE’12, R.M.K Engineering College, Chennai, India.

<b>Books / Chapters Published</b>		
1. G.Sathiya, S.Surendran, S.Arivarasan. "Computer Networks" Sri Krishna Hitech Publishing Company Pvt.Ltd, August 2015, ISBN 978-93-85364-24-2.		
<b>Fund Received</b>		
-		
<b>Patent Applied / Published/Granted</b>		
1. Patent applied for " RMAN-RECONFIGURABLE MANETS FOR THE COGNITIVE AND DISASTER MANAGEMENT ", by Dr.S.Surendran, Professor, Department of Computer Science and Engineering, Tagore Engineering College, No. 201941033441A		
2. Patent applied for " MAD-IOT:DISTANCE AWARE IOT ENABLED MANETS FOR AGRICULTURAL APPLICATION", by Dr.S.Surendran, Professor, Department of Computer Science and Engineering, Tagore Engineering College, No. 201941032288A		
CITATIONS	<b>50</b>	
H-INDEX	<b>2</b>	
<b>RESEARCH GUIDANCE DETAILS</b>		
Sl.No	University	Supervisor ID / Reference
1	Anna University, Chennai	Ref.No. <b>2640076</b>
2	Number of UG Scholars Guided	<b>25</b>
3	Number of PG Scholars Guided	<b>15</b>
4	Number of Ph.D. Scholars Guided	-
5	Number of Ph.D. Scholars Pursuing	-
<b>PROFESSIONAL SOCIETY MEMBERSHIP DETAILS</b>		
Sl.No	Professional Society Name	Member ID
1	Indian Society for Technical Education	
2	International society for Research and	

	Development	
3	International Association of Engineers	
4	Computer Society of India	