FACULTY PROFILE

Name	Dr. R. Thiyagarajan	Email	thiyagu.softece88@gmail.com	
Qualification	M.E., Ph.D.,	AU Faculty Code	6226007	
Designation	Head of the Department	Ph.D. Completed Institution	Kongu Engineering College	
Experience at Shreenivasa Engg College	11 year			
Date of Ph.D. Completed	22.04.2021	Joining Date	11.08.2010	
Experience after Ph.D.	2 months			

Qualification

Degree	Name of the Institution	University	Year of Passing
Ph.D.	Kongu Engineering College Perundurai	Anna University, Chennai	2021
M.E. [VLSI]	The Kavery Engineering College	Anna University, Chennai	2013
B.E. [ECE]	Mahendra Engineering College	Anna University, Chennai	2009
D.ECE	The Kavery Polytechnic College	DOTE, Chennai	2006

Experience

Institution/ Company	Designation / Position	Duration	Experience in Years	Cumulative Experience
Shreenivasa Engineering College	Assistant Professor	11.08.2010 to till date	10 years and 10 Month	10 Years 10 months

Publications

Category	Journal	Conference	Total
National	-	1	1
International	6	3	9
Consultancy	-	Total Publications	10
Product Development	-	PG Project. Guidance	4

Awards and Achievements :-

International Journal

1. **Thiyagarajan R**.2019 "**An Enhancement of EAACK using P2P ACK and RSA Public Key Cryptography**" Measurement, Elseiver, Vol.136 PP.116-121.
   (Link:
   https://www.sciencedirect.com/science/article/abs/pii/S026322411831176X)

2. **Thiyagarajan R** 2016 "**Correlations Of Biomechanical Characteristics With Ball Speed In Penalty Corner Push-In Multi Viewpoint Based Similarity Measure In P2P Clustering Using PCP2P Algorithm**" Star Research International Journal, Vol 4, Issue 7(1).
   (Link: http://starresearchjournal.com/2017/12/2016_v4_i7/Paper%201.pdf)

3. **Thiyagarajan R** 2016 "**Correlations of Biomechanical Characteristics with Ball Speed in Penalty Corner Push-In A Survey Of Security Issues In MANET**" Star Research International Journal, Vol 4, Issue 6(1). (Link: http://starresearchjournal.com/2017/12/2016_v4_i6/Paper%201.pdf)

4. **Thiyagarajan R** 2017 "**Defending Against Packet Dropping Attacks In MANET: Enriched Acknowledge Scheme**" Journal of Research in Engineering and Technology, Impact Journal, Vol-1, Issue-1, PP1-8.(Link:https://www.impactjournals.us/download/archives/1-72-1484912918-1-JIET-DEFENDING%20AGAINST%20PACKET%20DROPPING%20ATTACKS%20IN%20MANET%20ENRICHED%20ACKNOWLEDGE%20SCHEME.pdf)

5. **Thiyagarajan R** 2017 "**Mitigating Cooperative Black Hole Attack Using Crosschecking In MANET**" Journal of Modern Developments in Applied Engineering & Technology Research, Impact Journal, Vol-1, Issue-1, PP1-6. (Link:http://www.impactjournals.us/download/archives/1-79-1486196698-1.Eng-JMDAETR-Mitigating%20Cooperative%20Black%20Hole%20Attack%20using%20Crosschecking%20in%20MANET.pdf)

6. **Thiyagarajan R** 2015 "**A Secure Scheme for Detecting Provenance Forgery and DDSGA for Detecting Masquerade Attacks in Wireless Sensor Networks**" Star Research International Journal, Vol 3, Issue 12(1).(Link: http://starresearchjournal.com/wp-content/uploads/2018/01/Paper-1-1.pdf

International Conference

1. **Thiyagarajan R** 2019 attended International Conference on "**Software defined Networking**" Organized by College of Engineering, Guindy, Anna University Chennai.

2. **Thiyagarajan R** 2018 Presented a Paper entitled " **Enhancement of Security and High energy efficiency using TDES and B-MAC**" in Second International

Conference on Recent Trends in Engineering, Computers, Information Technology and Applications (ICRTECITA-2018) Organized by PSAN College of Engineering and Technology, Dindigul.

3. **Thiyagarajan R** 2016 "**Women empowerment towards developing India**" In the proceedings of International Conference on Region 10 Humanitarian Technology (R10-HTC), Published by IEEE ,Agra, Utra pradash, New Delhi.

National Conference

Thiyagarajan R 2016 Presented a Paper entitled "**World Class Education BY Wonderful Teaching Pedagogies**" at Dr.N.G.P Institute of Technology Organized by Indian Society for Technical Education (ISTE) Tamilnadu and Pondisherry Section on 02-12-2016.

Book Chapter Series

Thiyagarajan R 2022 Presented a Paper entitled "**The Roles of Supervised Machine Learning Algorithms in Medical Treatment System**" at Guru Nanak University, Hyderabad and published Book Chapter **Innovations in Computer Science and Engineering** by **Springer Singapore**

Academic Activities

1. Organized various placement drives during the past 9 years as a **Placement officer**.
2. Organized webinar on **"Scope and Importance of Bio Medical Engineering"** for Bio Medical Department Students on 18 & 19 December 2020.
3. Participated Five days FDP for ICT enabled Teaching and Learning Techniques organized by Rajalakshmi Engineering College Chennai, Sponsored by **Teaching Learning Centre – IIT Madras**.
4. Participated Various FDP organized by Rajalakshmi Engineereing College, Chennai Sponsored by AICTE Margadharshan Scehme as College Margadharsan Coordinator.