


## FACULTY PROFILE

<b>Name</b>	:	<b>Mr.P.Muthamil Selvan</b>	
<b>Designation</b>	:	Head of the Department	
<b>Department</b>	:	Computer Science and Engineering	
<b>Educational Qualification</b>	:	M.E. (Computer Science and Engineering) B.Tech, (Information Technology)	
<b>Subject of Interest</b>	:	Computer Networks, Internet Technologies and Mobile Communication.	
<b>Publications</b>	:	<p><b><u>JOURNALS</u></b></p> <ul style="list-style-type: none"> <li>➤ Research paper entitled “<b>Automating the Pharmacy Medicine Supply Management System using Cloud Computing</b>” has been published in International Journal of Applied Engineering and Technology on 2022.</li> <li>➤ Research paper entitled “<b>Automated Trash Disposery and Analytical System using IOT</b>” has been published in International Journal of Applied Engineering and Technology on 2020.</li> <li>➤ Research paper entitled “<b>An User to User Correlation with Attributed Based Encryption on OSN Model</b>” has been published in International Journal of Advanced Research in Computer Science and Software Engineering on June 2017.</li> <li>➤ Research paper entitled “<b>Effectual Cloud Instance Procurement Using Dynamic Programming</b>” has been published in International Journal of Advanced Research in Computer Science and Software Engineering on June 2017.</li> </ul> <p><b><u>CONFERENCES</u></b></p> <ul style="list-style-type: none"> <li>➤ Presented a paper entitled “Automating the Pharmacy Medicine Supply Management System using Cloud Computing” in <b>International Conference on Intellectual Research in Science, Engineering and Management (ICIRSEM 2020)</b> held at St. Joseph’s college of Engineering and Technology, Thanjavur, on March 09,2020.</li> <li>➤ Presented a paper entitled “Automated Trash Disposery and Analytical System using IOT” in <b>International Conference on Intellectual Research in Science, Engineering and Management (ICIRSEM 2020)</b> held at St.Joseph’s college of Engineering and Technology, Thanjavur, on March 09,2020.</li> </ul>	

- Presented a paper titled “IOT based Asymmetric Cryptography for Medical Data Security in Wireless Sensor Network” in **International Conference on Advanced Concepts in Computational Engineering and Sciences**” at Bharathiyar College of Engineering and Technology Karaikal held on 15<sup>st</sup> march 2019.
- Presented a paper titled “Congestion Avoidance on a channel by Reassignment Algorithm using Wireless mesh networks” in **International Conference on Intelligent Engineering Systems** at Easa college of Engineering and Technology, Coimbatore held on 03<sup>rd</sup> April 2014.
- Presented a paper titled “Hash Graph Based Key Predistribution Scheme for wireless sensor network” in **National Conference on Innovations in Embedded Systems and Networking** at Kings College of Engineering, Punalkulam held on 21<sup>st</sup> March 2018.
- Presented a paper titled “IOT based Water Quality Monitoring System” in **National Conference on Recent trends and technologies in Computing** at Arasu Engineering College, Kumbakonam held on 12 March 2020.
- Presented a paper titled “Accident Prevention by Supervisor a Driver Anxiety and Sleepiness System based on IOT device” in **ISTE sponsored two days National Conference on Innovation Trends in Future Engineering and Technology** at Parisutham Institute of Technology and Science, Thanjavur held on 29-30 August 2019.
- Presented a paper titled “Internet Protocol Based Wireless Resource Allocation” in **National Conference on Innovations in Embedded Systems and Networking**” at Kings College of Engineering Punalkulam held on 15 march 2019.
- Presented a paper titled “IOT Based Smart Intelligence Security System for Women” in **National Conference on Advanced Communication, Computing and Power Systems (NCACCPS 2K19)** at St.Joseph’s college of Engineering and Technology, Thanjavur, on 09 March 2019.
- Presented a paper titled “IOT Based Smart Agriculture System” in **National Conference on Advanced Communication, Computing and Power Systems (NCACCPS 2K18)** at St.Joseph’s college of Engineering and Technology, Thanjavur, on 23 March 2018.
- Presented a paper titled “Internet Protocol Based Wireless Resource Allocation” in **National Conference on Innovations in Embedded Systems and Networking**” at Kings College of Engineering Punalkulam held on 21<sup>st</sup> March 2018.

- Presented a paper titled “Design And Implementation of Wireless Automatic Speed Limiter for Vehicles in Restricted Zones” in **National Conference on Technological Advancements in Engineering**” at Sree Narayana Guru College of Engineering and Technology, Kannur Kerala held on 25<sup>th</sup> March 2017.
- Presented a paper titled “Broadcasting Locally Bounded Byzantine Faults with Regulatory Zones” in **National Conference on Technological Advancements in Engineering**” at Sree Narayana Guru College of Engineering and Technology, Kannur Kerala held on 17,18<sup>th</sup> March 2016.
- Presented a paper titled “Pairwise Scheme To Commit Nodes For Data Aggregation Using Sensor Networks” in **National Conference on Technological Advancements in Engineering**” at Sree Narayana Guru College of Engineering and Technology, Kannur Kerala held on 27,28<sup>th</sup> March 2015.
- Presented a paper titled “Unique Energy-Based Stability and Keying for Instant Warning Systems” in **National Conference on Innovations in Electronics Communication and Network Technology** at Sasurie college of Engineering, Erode held on 20<sup>th</sup> March 2014.
- Presented a paper titled “Reduction of Traffic in Wireless Mesh Network using Rate Reassignment Algorithm” in **National Conference on Recent Innovations in Science and Engineering** at Surya Engineering College, Erode held on 11<sup>th</sup> March 2014.
- Presented a paper titled “Interference Aware Channel and Reassignment Algorithm using Rate for Wireless Mesh Networks” in **National Conference on Information communication and Computing Technology** at Chettinad college of Engineering and Technology, Karur held on 28<sup>th</sup> Feb 2014.
- Presented a paper titled “Reliable authentication methods for preventing selective compromise wireless environment” in **National Conference on Recent trends in communication, networking and computing** at Hindustan college of Engineering and Technology, Coimbatore held on 15<sup>th</sup> March 2013.
- Presented a paper titled “Intrusion Alert Aggregation using Data Stream Modelling” in **National Conference on Emerging Technologies in Advanced Communication Systems** at Sasurie College of Engioneering , Erode held on 12<sup>th</sup> April 2012.
- Presented a paper titled “Online intrusion Alert Aggregation with Generative Data Stream modeling” in **3<sup>rd</sup> National Conference in**

		<p><b>communication, Networking and Computing</b> at Hindustan college of Engineering and Technology held on 17<sup>th</sup> March 2012.</p> <ul style="list-style-type: none"> <li>➤ Presented a paper titled “Supporting IP multicast for mobile hosts” in the <b>National Conference on Emerging Technologies in computer and communication</b> at Vivekananda Institute of Engineering &amp; Technology, Thiruchengode held on 15<sup>th</sup> March 2011.</li> <li>➤ Presented a paper titled “Effective resource allocation for wireless multicast” in the <b>National Conference on Emerging Technologies in advanced computing and communication</b> at Vivekananda Institute of Engineering &amp; Technology, Thiruchengode held on 13<sup>th</sup> March 2010.</li> </ul>
Patents	:	NIL
NPTEL Certification	:	<ul style="list-style-type: none"> <li>➤ Certified in the NPTEL course on "Introduction to IOT", 12 week course, conducted by IIT Kharagpur.</li> <li>➤ Certified in the NPTEL course on "Software Testing", 4 week course, conducted by IIT Kharagpur.</li> </ul>
Contact Address	:	<p>Mr.P. Muthamil Selvan  HOD,  Department of Computer Science and Engineering,  St. Joseph’s College of Engineering and Technology,  Elupatti, Thanjavur.  Email: <a href="mailto:muthamilselvan@sjcettnj.edu.in">muthamilselvan@sjcettnj.edu.in</a></p>