

## Faculty Profile

### Dr.A.Samson Arun Raj

Assistant Professor,  
Department of Computer Science and Engineering  
email id: samsonarunraj@karunya.edu



### Academic Background

Degree	University	Year
Ph.D	Anna University, Chennai	2021
M.E	Karunya University, Coimbatore	2014
B.E	Karunya University, Coimbatore	2012

### Courses Taught

- Ethics in Information Technology
- Programming and Problem Solving
- Soft Skills - II

### Research Interests

- Intelligent Transportation Systems
- Internet of Things
- Vehicular Ad-Hoc Networks
- Wireless Sensor Networks

### Most recent Publications

- Packet Classification Based Aerial Intelligent Relay-Road Side Unit (AIR-RSU) Framework for Vehicular Ad-Hoc Networks, *Peer-to-Peer Networking and Applications, Springer*, vol. 14, pp. 1132 – 1153, February 2021.
- An Aerial Intelligent Relay-Road Side Unit (AIR-RSU) Framework for Modern Intelligent Transportation System, *Peer-to-Peer Networking and Applications, Springer*, vol. 13, pp. 965 – 986, January 2020.

- A Survey on Classification of Fault Tolerance Techniques Available in Wireless Sensor Networks, *International Journal of Engineering Research & Technology (IJERT)*, vol. 3, no. 1, 2014.

### **Projects Guided**

- Not Applicable

### **Memberships in Professional societies**

- Y.M.C.A. Madras – Life Member
- Young Partner - 1462435

### **Significant achievements:**

- **Ph.D. Research Stipend Award:** Visvesvaraya PhD Scheme for Electronics & Information Technology, Ministry of Electronics and Information Technology (Meity), Government of India, (2016 – 2021).
- Constructed an Obstacle Detection Mobile Ground Vehicle using Raspberry Pi Module and demonstrated in the Department of Electrical Engineering, Indian Institute of Technology Kanpur in January 2018.