

**Name** : Dr. A C SOUNTHARRAJ  
**Designation** : Professor  
**Department** : Computer Science With Data Analytics  
**Qualification** : MCA., M.Phil., Ph.D.  
**Experience** : Teaching: 14.2 Years      Research: 5 Years  
**Area of Specialization(s)** : Computer Networks  
**Email (Official ID)** : sountharraj@drngpasc.ac.in



#### Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph.D	Computer Science	Kalinga University, Raipur	2019
M.Phil.	Computer Science	Vinayaka Mission , Salem	2009
MCA	Computer Applications	Sri Sai Ram Engineering College , Chennai	2007
BCA	Computer Applications	Sir Sankara Arts and Science College , Kancheepuram	2004

#### Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
Oracle Certified Java Professional ( OCJP)	Java SE6	Oracle University	2015
Online Certification	C, C++, Java , HTML, Python	Spoken Tutorial	2019-2020

#### Projects

##### Completed

Project Title	Agency	Amount	Duration
WAP Based System for Remote Monitoring and Controlling of Home Automation	HCL Technologies, Chennai	60000	2006-2007

#### Research Publications (Indexed)

## International

- System Security in Digitalization Attacks and Defense– IJSART - ISSN: 2395-1052 (2018).
- Attacks And Risks In Wireless Network Security – IJTSRD - ISSN: 2456-6470 (2018).

## Other Publications: International / National Journals

### Presented Papers On

- Implementing LED Strips on Road Dividers –IJRASET,Nov-2021
- Artificial Intelligence in 3D Bio Printing– ICNAMR19, ISSN: 0193-4120 Page No. 4558-4561 (2019)
- Internet of Things - Revolutionizing the Retail Industry– IJSART - ISSN: 2395-1052 (2019).
- 5g Mobile Technology– IJRASET - ISSN: 2321-9653 (2018).
- System Security in Digitalization Attacks and Defense– IJSART - ISSN: 2395-1052 (2018).
- Neural Networks – IC CIDS2018 (2018).
- Attacks And Risks In Wireless Network Security – IJTSRD - ISSN: 2456-6470 (2018).
- An Overview Daknet Technology - Broadband Ad-Hoc Connectivity - Journal for Research - ISSN: 2395-7549 (2018).
- An Overview on Nanotechnology - IJTSRD – IJTSRD18625 (2018).
- Ethical Hacking– IRJET – ISBN:2395-0072 (2018).
- Assumption Of Management Of Services, Network And Environment In A Utility Cloud – IJESRR - ISSN 2349-1817(2017).
- Enabling Data Integrity Protection In Cloud Storage In Cryptography – IJIRT – ISSN: 2349-6002 (2017).
- Preserving Encryption Based Data Search– IJRASET - ISSN: 2321-9653 (2017).
- Restriction and Challenges of TCP in Mobile Ad Hoc Networks– IJESRR - ISSN 2349-1817 (2017).
- Object Tracking-Using Image Processing

## Participation in Conference

### International

- Map Reducing Algorithm That Brings Enhancement In Manipulating And Accessing of Data In Apache Hadoop – 2017, IC-IRISH, **Thailand**.
- Fuzzy Ant Colony Optimization Technique with Genetic Algorithm for Routing in Mobile Ad-hoc Networks – 2016, ICIRCBE, **Malaysia**.

## Conference / Seminar / Workshop Organized

Role - committee member, National Conference on Recent Trends in Computing/ Big Data Analytics, 2015- 2018

### **Book Publication**

1.The Science And Secrets of Blockchain Technology – ISBN : 978-93-91190-94-1,2021

### **Patent Rights**

Patent Title :Real Time Mask Detector with Python to protect against Covid 19

Patent Year :2021

Patent No :202141048065

### **Member in BoS**

Board Of Studies Member - Computer Application and Software Systems form 2011-2020 At Sri Krishna Arts and Science College, Coimbatore

### **Membership in Professional Bodies**

<b>Name of the Professional Body</b>	<b>Nature of membership</b>	<b>Duration</b>
Computer Society of India at Mumbai	Life Time	2004 onwards
Membre of IFERP (Institute For Engineering Research and Publication	Life Time	2019 onwards

### **Awards / Honors**

<b>Awards / Honors</b>	<b>Agency / Institute</b>	<b>Year of Award</b>
100 % Results Compiler Design , Web Designing, Adv Java Programming , Android Programming	Sri Krishna Arts and Science college, Coimbatore	2015-2020