

Name : Dr. A.C. Sountharraj
Designation : Professor
Department : Computer Science with Data Analytics
Qualification : M.C.A., M. Phil., Ph.D
Experience : Teaching: 17 Years 8 Months
Area of Specialization(s) : Computer Networks
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Academic Qualifications

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

Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
OCJP	Oracle Certified Java Professional	Oracle	2015

Funded Projects

Title: Mobile App for Career Guidance of Tamil Nadu Higher Secondary School Students
Agency: TNSCST
Amount: 7500/-.
Duration: 3 Months.

Guest Lecture

1. Cyber Security – VLB Janakiammal College of Arts and Science, 26.08.2022

Certification(s)

1. **Oracle Certified Professional, Java Se6 Programmer.**
2. National Level Online Quiz - Ugc/Nta Net Paper-1(General).
3. Certificate for Completion Of Cpp Training – Spoken Tutorial, IIT Bombay.
4. Certificate for Completion Of C Training – Spoken Tutorial, IIT Bombay.
5. E-Quiz On Techskill In Computer Programming.
6. Online Quiz Contest On "Programming Skills In C, C++ And Java".
7. Mock Test On “Net Examination Paper-1”.
8. E-Quiz On Java Programming.
9. Participated In The Webinar On “Disruptive Information Technologies”.
10. Participated In The FDP On Data Science - Research Opportunities.
11. Certificate For Completion Of Java Business Application Training – Spoken Tutorial, IIT Bombay.
12. Webinar On The Topic "Internet Of Things”.
13. Certificate For Completion Of Html Training – Spoken Tutorial, IIT Bombay.
14. Webinar 2020 On Python Programming.
15. Participated In A Faculty Development Programme Organised By Spoken Tutorial Project, IIT Bombay.
16. Webinar On The Topic "Introduction About Big Data Analytics And Its Applications”
17. Certificate For Completion Of R Training – Spoken Tutorial, IIT Bombay.

Other Publications: International / National Journals

1. Deep learning approach to identify abnormalities in blood cell images – IJHS, ISSN: 2550-6978 (2022)
2. Artificial Intelligence in 3D Bio Printing – ICNAMR19, ISSN: 0193-4120 Page No. 4558-4561 (2019)
3. Internet of Things - Revolutionizing the Retail Industry – IJSART - ISSN: 2395-1052 (2019).
4. 5g Mobile Technology – IJRASET - ISSN: 2321-9653 (2018).
5. System Security in Digitalization Attacks and Defense – IJSART - ISSN: 2395-1052 (2018).
6. Neural Networks – IC CIDS2018 (2018).
7. Attacks And Risks In Wireless Network Security – IJTSRD - ISSN: 2456-6470 (2018).
8. An Overview Daknet Technology - Broadband Ad-Hoc Connectivity - Journal for Research - ISSN: 2395-7549 (2018).
9. An Overview on Nanotechnology - IJTSRD – IJTSRD18625 (2018).
10. Ethical Hacking – IRJET – ISBN:2395-0072 (2018).
11. Assumption Of Management Of Services, Network And Environment In A Utility Cloud – IJESRR - ISSN 2349-1817 (2017).

12. Enabling Data Integrity Protection In Cloud Storage In Cryptography – IJIRT – ISSN: 2349-6002 (2017).
13. Preserving Encryption Based Data Search – IJRASET - ISSN: 2321-9653 (2017).
14. Restriction and Challenges of TCP in Mobile Ad Hoc Networks – IJESRR - ISSN 2349-1817 (2017).
15. Object Tracking-Using Image Processing – IJIRT - ISSN : 2349-6002 (2015).
16. Grid Computing.

Presentations in Conference (International Conference-Offline)

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

Book Published

1. Network and Information Security – CIIT Publishers – ISBN: 9788196694883 (2023)
2. Big Data Analytics Using Python – CIIT Publishers – ISBN: 9789391347185 (2022)
3. The Science and Secrets of Blockchain Technology – SANKALP Publishers – ISBN: 978-93-91190-94-1 (2021)

Patent

1. AI Based Device For Splicing Optical Fibres – Design No: 402720-001 Date of Registration: 20/12/2023
2. IoT Enabled Chemical Mixing Device for Agriculture Farm – Design No: 361676-001 Date of Registration: 31.03.2022
3. Real-Time Face Mask Detector with Python to Protect Against Covid 19. Application Number: 202141048065 – Date of Filing: 21.10.2021

Conference / Seminar / Workshop Attended

1. Peer Committee Member in National Conference Organized By Sri Krishna Arts And Science College, Coimbatore (2012-2019).
2. Participated In **STTP** (Short Term Training Program On Knowledge Management) Conducted In Sri Sairam Engineering College.
3. Has Been a Member In Organizing Committee In The National Level Technical Symposium **INFOGEDDON 2K5. Conducted By SIGMA-SSEC.**
4. Has Been a Member In The Organizing Committee In National Conference On Distributed Systems And Knowledge Engineering (**NCDK'05'**) Held At Sri Sairam Engineering College.
5. Participated In The **NSS** 10 Days Special Camping Programmed As Volunteer
6. Held At Karai, Kancheepuram.

7. Participated In Various National Level Technical Symposium

Membership in Professional Bodies

Name of the Professional Body	Nature of membership	Duration
Computer society of India at Mumbai	Life-time	Till 2035

Awards and Honors

1. Best performance prize in various paper presentation
2. Given 100% Results in following subjects:
 - Web Designing
 - JAVA Programming
 - Advanced Java
 - Software Project Management
 - Android Programming
 - Compiler Design
 - Grid Computing