



Dr.S.SIVAGURUNATHAN

1. Designation : Associate Professor
2. Department : Computer Science and Applications
3. Qualification : MCA, M.Phil., Ph.D.(Anna University),
4. Experience : Teaching: 27 Years
Research: 20 Years
5. Area of Specialization : 1) Computer Networks
2) Network Security
3) Software Engineering
6. EmailID : gurunathangandhi11@gmail.com
7. Orcid ID : 0000-0002-8545-7303
8. Scopus ID : 24462668600
9. Google Scholar ID : 1tdAwdYAAAAJ
10. IRINS Link for detailed profile : <https://ruraluniv.irins.org/profile/107259>

11. Research Guidance:

Degree	Awarded	Ongoing
Ph.D.	04	03
M.Phil.	20	-

12. Publications:

S.No.	Category	Total
1.	No. of Journal Publications	45
2.	No. of Chapters in Edited Volume/Proceedings	09
3.	No. of Books Authored	01
4.	No. of Patents	01

Select Five Publications:

S.No.	Title of the Article	Name of the Journal	ISBN/ISSN	Vol.	Year
1.	Computational Tradeoffs between Traditional Algorithms and Machine Learning Models: A Time Complexity Perspective	Journal of Hunan University	ISSN:1674-2974	53(1)	2025
2	RPL Enhancement with E-Sigma Routing Method	Journal of Ambient Intelligence and Humanized Computing	ISSN:1868-5145	14	2023
3	Mitigating Black Hole Attacks in Routing Protocols Using a Machine Learning Based Trust Model	International Journal of Socio Technology and Knowledge Development(IJSKD)	ISSN: 1941-6253	14(1)	2022
4	A Framework for a Seamless Transformation to Online Education, Present and Future of E-Learning Technologies	Computers, MDPI	ISSN:2073-431X	11(12)	2022
5	What Should a Start-up Know About Software Customization?	International Journal of Information Technology Project Management(IJITPM)	ISSN:1938-0232	13(1)	2022

13. **Sponsored Projects:**

Major Projects handled so far	
Sponsoring Agencies	Total Financial Outlay
01 – UGC – MRP 02 – Rajiv Gandhi National Institute of Youth Development (RGNIYD)	13.77 Lakhs

14. No. of Seminars/Conferences/Workshops Organized 12

15. No. of Publications in National/International Conferences 25

16. No. of Invited Talks in National/International Conferences/Seminars 75

17. **Additional Responsibilities Held:**

- Deputy Director Centre for Advanced Graph Theory and Network Sciences, GRI.
- Member, Academic Council, GRI.
- Assistant Public Relations Officer, GRI.
- Program Officer, NSS-GRI.
- Chief Superintendent, ESE – Nov.2025

18. **Awards/Honours/Recognitions/Achievements:**

- Best Faculty Award from Nehru Group of Institutions, Coimbatore.
- Certificate of Appreciation from EMC², Bangalore.
- Reviewer in few Refereed International Journals/Conferences.