

Prof.(Dr) R. Sridaran,
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OBJECTIVES

To take up challenges in academics and to transform the Teaching-Learning process through a systematic approach of strategic planning, monitoring & guiding.

PROFESSIONAL SUMMARY

- Three decade's experience in Higher Education Institution (HEI) setups.
- Actively guiding PhD scholars in cutting edge technologies including Cloud Computing Security and Software Engineering.
- Abilities to design, develop, monitor, evaluate and review the quality and effectiveness of academic departments.
- Established Centers of Excellence (COE) in following:
 - IBM Center for Rational SEED Program
 - EMC's CoE for Cloud Computing & Data Analytics
 - Amazon Web Services (AWS) Academy
 - Oracle Academy – partnership initiative
 - Red Hat Linux Academy – partnership
 - Finishing School, a state- of- the art academy for skill development
 - BOT Lab – Automation Anywhere initiative

PROFESSIONAL BACKGROUND

Sr.No	Organization	Designation	Tenure
1.	Ganpat University, Mehsana, Gujarat	Executive Dean of Computer Applications & Academic Quality Assurance	Nov 25 – Present
2.	Marwadi University, Rajkot, Gujarat	Dean of Computer Applications & Dean Academic Affairs	Feb 12 – Oct 25
3.	New Horizon College of Engg., Bangalore, Karnakata	Professor & HOD (Dept.Computer Applications)	Jul 09 – Jan 12
4.	ICFAI National College, Madurai, Tamilnadu	Campus Head	May 04 – Jun 09
5.	Thiagarajar School of Management, Madurai, Tamilnadu	Faculty member & Coordinator	Jun 99 – Apr 04

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| 6. | Lakshmi Systems,
Madurai, Tamilnadu | Director | May 93 – May 99 |
| 7. | SK Marketing, Madurai,
Tamilnadu | Software Engineer | May 92 – May 93 |

ACADEMIC BACKGROUND

- **LEAD** Certification (Leadership Program for Senior Academic Administrators), BITS-Pilani -2025
- **Ph.D.** (Computer Science), Madurai Kamaraj University, 2010.
- Master of Business Administrations (**MBA**), Alagappa University, India, 2008.
- Master of Computer Applications (**MCA**), Madurai Kamaraj University, India, 1996.
- Post Graduate Diploma in Computer Applications (**PGDCA**), Madurai Kamaraj University, India, 1992.
- Bachelor of Science in Mathematics (**B.Sc.**), Madurai Kamaraj University, India, 1988.

RESEARCH GUIDANCE

Completed: 5; Ongoing: 1

ARTICLE / CHAPTERS / BOOKS PUBLISHED

- Jaganathan, R., Rajagopal, S. & Rajendran, K. (2025). Cultural Intelligence in the AI Era-Enhancing Reansitional Higher Educatio. In F. Naseer, C. Yu, R. Dulloo, M. Abdul Kader Jilani, & M. Shaheen (Eds.), Bridging Global Divides for Transnational Higher Education in the AI Era (pp. 273-292). IGI Global Scientific Publishing. <https://doi.org/10.4018/979-8-3693-7016-2.ch013>, Springer CCIS Vol 1-4.
- Dr.Padmavathi Ganapathi, Dr.Sridaran Rajagopal, Mr.Ravichandran Swaminathan,“Cyber Law”. ASIN:B0B4WY8VJ9, Notion Press, June 2022
- **SWAYAM** on ‘Cyber Security’, for Week-14 Evolution of Cyber law – Legal, Ethical and Privacy issues – ‘Security Policies and Strategies- IT Act 2000, ITA 2008’ - Amendments by Special reference to Cyber Crimes - E-text
- Dr. Sailesh Iyer, Dr. R. Sridaran, “Handbook of Research on Machine and Deep Learning Applications for Cyber Security” IGI Global, 2020. Pp 64-82. Web. 3 Sep. 2019. <https://doi.org/10.4018/978-1-5225-9611-0.ch004>
- R. Sridaran, Disha H Parekh Doshi, Sudhir Kumar Suman: “Cloud Security-Challenges at a Glance” Cover Story in CSI Communications, Vol 39, Issue 2, May 2015.
- Dr.Sridaran Rajagopal, Dr.Kalpesh Papat, “Proceedings of 1st International Conference on Advancements in Smart Computing and Information Security”, ISBN: 978-81-959510-0-0

INTERNATIONAL CONFERENCE INITIATIVE

Have been serving as General Chair cum Convener of ‘International Conference on Advancements in Smart Computing & Information Security’ initiative (<https://www.ascisconf.org/>), collaborated with Springer and have produced 12 volumes of proceedings in their CCIS series so far. Also served as Volume Editor for the extended versions in Q2 rated Springer Nature in Computer Science (SNCS) journal series.

INTELLECTUAL PROPERTY RIGHTS (IPRs)

1. Indian Patent - “A Block chain Based Efficient and Cost-Effective Storage Architecture for Large Data- Set Based Applications”, Application No. 202321051173, Filed on 29/07/2023 – Status: **Granted**
2. Indian Patent - “File Defender – A File Protection Tool”, Application No. 202321051160, Filed on 29/07/2023 – Status: **Published**
3. Indian Patent - “System for protecting data using Steganography”, Application No. 202321051155, Filed on 29/07/2023 – Status: **Published**
4. Indian Patent - “Trimev - Triple Mathematical Expression Variable-key”, Application No. 202321051154, Filed on 29/07/2023 – Status: **Published**
5. Indian Patent – “Computer Implemented System for Cloud Resource Management Within Service-Oriented Architecture”, Application No. 202321081139, Filed on 30/11/2023 – Status: **Published**
6. Indian Patent – “Method for Effective Resource Allocation in Cloud Computing using Dynamic Stackelberg Game Based Multi-Objective Approach”, Application No. 202321081140, Filed on 30/11/2023 – Status: **Published**
7. Indian Patent – “Garbage Gardian: Revolutionizing Waste Management Thro’ IOT and Mobile App”, Application No.202421033120 A, Filed on 26/4/2024 – Status: **Published**
8. Indian Patent – “Smart Tap Water Leakage Controller System”, Application No.202421033115 A, Filed on 26/4/2024 – Status: **Published**
9. Indian Patent – “Smart Shirt to Encourage Social Engagement Among Students”, Application No. 20521062404 A, Filed on 30/06/2025- Status: **Published**

KEY PUBLICATIONS IN REPUTED JOURNALS

- Godhrawala, H., Sridaran, R. “Apriori Algorithm Based Approach for Improving QoS and SLA Guarantee in IaaS Clouds Using Pattern-Based Service-Oriented Architecture”. SN Computer Science.4, 700 (2023). <https://doi.org/10.1007/s42979-023-02079-3>(Q2)
- Jeba Prabha J., R. Sridaran, “LCDT-M: Log-Cluster DDoS Tree MitigationFramework Using SDN in the Cloud Environment”, I. J. Computer Network and Information Security, Vol 15, pp 62-72, DOI: <https://doi.org/10.5815/ijcnis.2023.02.05> (Q3)

- H. Godhrawala, R. Sridaran, "A dynamic Stackelberg game based multi-objective approach for effective resource allocation in cloud computing", International Journal of Information Technology(IJIT), Vol1, pp408-425,<https://doi.org/10.1007/s41870-022-00926-9>, 2022 **(Q2)**
- Rujuta Shah, Sridaran Rajagopal, "M-DPS: A blockchain-based efficient and cost- effective architecture for medical applications", International Journal of Information Technology (IJIT), ISSN: 2511-2112, **14**, 1909–1921 (2022). <https://doi.org/10.1007/s41870-022-00912-1>, 2022 **(Q2)**
- Jeba Prabha, R. Sridaran, "An SDN-based Decision Tree Detection (DTD) Model for Detecting DDoS Attacks in Cloud Environment". International Journal of Advanced Computer Science and Applications(IJACSA), ISSN: 2156-5570(online) Vol 13, No. 7, pp 54-64, 2022 <https://doi.org/10.14569/IJACSA.2022.0130708>– **SCOPUS, WoS (Q3)**
- Tarannum Bloch, Sridaran R, Prashant, " IAGA: Interference Aware Genetic Algorithm Based VM Allocation Policy for Cloud Computing", International Journal of Advanced Computer Science & Applications(IJACSA),ISSN : 2156-5570 (Online) Vol 13, No.4, pp 754-765, May 2022 <https://doi.org/10.14569/IJACSA.2022.0130488> **(Q3)**
- Vinothina V, Jasmine Beulah, Sridaran Rajagopal, "Review on mapping of tasks to resources in cloud computing", International Journal of Cloud Applications and Computing (IJCAC), <https://doi.org/10.4018/IJCAC.2022010106> **(Q2)**
- Shailaja Jayashankar, R. Sridaran, "Superlative Model using Word Cloud for Short Answer Evaluation in eLearning", Springer Journal of Education and Information Technologies ISSN: 1360-2357, Published on-line:25 October 2016, <https://doi.org/10.1007/s10639-016-9547-0> - **SCOPUS, WoS (Q1)**
- Disha H. Parekh, R.Sridaran: "An Analysis of Security Challenges in Cloud Computing" in International Journal of Advanced Computer Science and Applications (**IJACSA**) vol 04, no.1, pp 38-46, January 2013. **(Q3)**
- V. Vinothina, R. Sridaran, Dr.G. Padmavathi: "A Survey on Resource Allocation Strategies in Cloud Computing", in (**IJACSA**) International Journal of Advanced Computer Science and Applications, ISSN: 2156-5570, vol 3, no 6, pp.97-104,June 2012. **(Q3)**
- Sridaran R, Padmavathi G, Iyakutti K: "A Survey of Design Pattern Based Web Applications", in Journal of Object Technology (**JOT**), vol. 8, no. 2, March-April 2009, pp. 61-70 http://www.jot.fm/issues/issue_2009_03/column5. **(Q4)**

KEY PUBLICATIONS IN INTERNATIONAL CONFERENCES

- Guwor, B. *et al.* (2026). Reliability and Completeness of Metadata Extraction Tools in Image-Based Forensic Analysis. In: Sridaran, R., Priti, S. (eds) AI & ML - Frontiers in Cross Disciplinary Applications & Case Studies. AI-FCDAC 2025. Communications in Computer and Information Science, vol 2866. Springer, Cham. https://doi.org/10.1007/978-3-032-17300-3_1
- Harini Kannamma, K.M., Emil Selvan, G.S.R., Ramkumar, M.P., Rajagopal, S. (2026). Optimizing Software Engineering Project Plan Using Genetic Algorithm and AI. In: Sridaran, R., Priti, S. (eds) AI & ML - Frontiers in Cross Disciplinary Applications & Case Studies. AI-FCDAC 2025. Communications in Computer and Information Science, vol 2866. Springer, Cham. https://doi.org/10.1007/978-3-032-17300-3_8
- Isaraj, M., Gjollashi, I., Sridaran, R. (2026). AI-Driven Enhancement in Foreign Language Education: A Case Study of Challenges and Opportunities from Gjirokastër, Albania. In: Sridaran, R., Priti, S. (eds) AI & ML - Frontiers in Cross Disciplinary Applications & Case Studies. AI-FCDAC 2025. Communications in Computer and Information Science, vol 2866. Springer, Cham. https://doi.org/10.1007/978-3-032-17300-3_12
- E. X. Amenu and S. Rajagopal, "Dark Web Complications: Policing and Surveillance – Challenges and Implications," 2025 International Conference on Engineering, Technology & Management (ICETM), Oakdale, NY, USA, 2025, pp. 1-9, <https://doi.org/10.1109/ICETM63734.2025.11051458>
- E. X. Amenu and S. Rajagopal, "A Contemporary Updated Review of Trending Domains in Cybersecurity," 2024 International Conference on Intelligent & Innovative Practices in Engineering & Management (IIPEM), Singapore, Singapore, 2024, pp. 1-7, <https://doi.org/10.1109/IIPEM62726.2024.10925640>
- Mokgetse, T.L., Sridaran, R., Hlomani, H. (2025). Mitigating the Technological Challenges of Regenerative Farming with an Integrated Framework Merging IoT, Ontologies, and GIS. In: Rajagopal, S., Popat, K., Meva, D., Bajaja, S., Mudholkar, P. (eds) Artificial Intelligence Based Smart and Secured Applications. ASCIS 2024. Communications in Computer and Information Science, vol 2428. Springer. https://doi.org/10.1007/978-3-031-86302-8_6
- Bhatt, M., Rajagopal, S., Raval, K. (2025). A Survey on Various Sentiment Analysis Applications Employing Opinion Mining. In: Rajagopal, S., Popat, K., Meva, D., Bajaja, S., Mudholkar, P. (eds) Artificial Intelligence Based Smart and Secured Applications. ASCIS 2024. Communications in Computer and Information Science, vol 2428. Springer, Cham. https://doi.org/10.1007/978-3-031-86302-8_5
- Mahajan, L., Rajagopal, S., Shah, R. (2025). Survey on Security Models Employed in Blockchain Based Applications. In: Rajagopal, S., Popat, K., Meva, D., Bajaja, S., Mudholkar, P. (eds) Artificial Intelligence Based Smart

and Secured Applications. ASCIS 2024. Communications in Computer and Information Science, vol 2428. Springer, Cham. https://doi.org/10.1007/978-3-031-86302-8_1

- Sini, V., Rajgopal, S. (2025). Analysis of Security with Countermeasures in IoT Based Applications – A Survey. In: Rajagopal, S., Popat, K., Meva, D., Bajaja, S., Mudholkar, P. (eds) Artificial Intelligence Based Smart and Secured Applications. ASCIS 2024. Communications in Computer and Information Science, vol 2428. Springer, Cham. https://doi.org/10.1007/978-3-031-86302-8_8
- Raval, K.D., Rajagopal, S., Bhatt, M. (2025). Anthology of ML Based Data Science Applications. In: Rajagopal, S., Popat, K., Meva, D., Bajaja, S., Mudholkar, P. (eds) Artificial Intelligence Based Smart and Secured Applications. ASCIS 2024. Communications in Computer and Information Science, vol 2425. Springer, Cham. https://doi.org/10.1007/978-3-031-86293-9_11
- Edwin Xorsenyo Amenu, Sridaran Rajagopal, “Optimizing the Security and Privacy of Cloud Data Communication; Hybridizing Cryptography and Steganography Using Triple Key of AES, RSA and LSB with Deceptive QR Code Technique: A Novel Approach”, Proceeding of 2nd International Conference on Advancements in Smart Computing and Information Security, ASCIS 2023’, ISBN: 978-3-031-59099-3, ISSN: 1865-0929, pp. 291–306, 2024. https://doi.org/10.1007/978-3-031-59100-6_21 (Q4)
- Vilas T. Mahajan, R. Sridaran, “Taxonomy of Image Encryption Techniques - A Survey”, Proceeding of 2nd International Conference on Advancements in Smart Computing and Information Security, ASCIS 2023’, ISBN: 978-3-031-59099-3, ISSN: 1865-0929, pp. 274–290, 2024. https://doi.org/10.1007/978-3-031-59100-6_20 (Q4)
- Godhrawala H, Sridaran R, “Improving Architectural Reusability for Resource Allocation Framework in Futuristic Cloud Computing Using Decision Tree Based Multi- objective Automated Approach”, Proceeding of 1st International Conference on Advancements in Smart Computing and Information Security, ASCIS 2022, ISBN: 978-303123091-2, ISSN: 18650929, 2022, pp:397-415, https://doi.org/10.1007/978-3-031-23092-9_32 (Q4)

PUBLICATION LINKS

[Dr.R.Sridaran - Google Scholar](#)

[Rajagopal, Sridaran Publication - Author details - Scopus Preview](#)

[Sridaran Rajagopal - Web of Science Researcher Profile](#)

RESEARCH GUIDANCE

Completed: 5; Ongoing: 7

GRANTS RECEIVED

Sr.No	Type of Grant	Agency	Amount	M & Y
1.	Research Project titled 'Garbage Gardian: Revolutionizing Waste Management through IoT and Mobile App'	KCG	Rs.1,75,000	Nov 2025
2.	Conference : ASCIS 2025	GUJCOST, DST	Rs.50,000	Sep 2025
3.	Conference: ASCIS 2024	SERB	Rs.2,00,000/-	2024
4.	Establishment of Finishing School under IT & IT-ES policy, GoG	DST	Rs.50,00,000/-	2017
5.	Project titled 'Smart Digi Farm Agriculture'	SSIP	Rs.2,00,000/-	2022

PERSONAL DETAILS

Currently residing at : Mehsana, Gujarat

Date of Birth & Age : 15-06-1968; 57

PROFESSIONAL MEMBERSHIP

Life Member (I1500210), Computer Society of India (CSI)

Senior Member (98865488), IEEE - R 10, Asia and Pacific,

Gujarat Section

Professional Membership (0081986), ACM

ON-LINE ACCOMPLISHMENTS

- Penetration Testing, Incident Response and Forensics by **IBM**– Coursera
- Python for Everybody (Specializations) – 5 courses by **University of Michigan** – Coursera
- An Introduction to the Internet of Things (Specialization) by **University of California** – 6 courses - Coursera
- Introduction to Data Science in Python by **University of Michigan** - Coursera
- Inspiring Leadership through Emotional Intelligence by **Case**

SUBJECTS TAUGHT

- Programming languages – Java, Python
- Conceptual subjects – Computer Organization, Management Information System, System Analysis & Design, Cyber Security

REFERENCES

Will be provided on request.