

KingsCollege ofEngineering

DepartmentofComputer Science and Engineering

Name: Dr.S.RAJARAJAN	
Designation:	ASSOCIATE PROFESSOR
Qualification:	M.E.,Ph.D.,
Area of Specialization:	Cyber Intelligence, Cryptography and Network Security, Deep learning, IoT
Experience:	Teaching: UG: 15 years PG: 1 years
	Industry: 1 year
No.of workshop/Conferences/FDP attended:	25
Publication:	Journal National: 3 International : 3
	Conference National 5 International:5
Membership:	IEEE Member, ISTE
Achievements :	Successfully completed the course “Data Analytics with Python” with a score of 60% during January to April 2022; “Cloud Computing” with a score of 58% during August to October 2021; and “Python for Data Science” with a score of 89% during January to February 2020.

Publications:

1. Published “Enhanced Security for IoT Networks: A Hybrid Optimized Learning Model for Intrusion Classification” in Sādhanā (2024), Impact Factor 1.
2. Authored a peer-reviewed paper titled <i>"An Improved Mental Health Prediction Using Machine Learning"</i> in the International Research Journal of Modernization in Engineering Technology and Science, Volume 6, Issue 5, May 2024
3. Published a research article on <i>Hybrid Intrusion Detection Model for IoT Networks</i> in the Journal of Intelligent & Fuzzy Systems, IOS Press, 2023.
4. Published a paper titled “A Survey on Deep Learning Algorithms for IoT Security” in the International Journal of Scientific Research and Engineering Development in 2023.
5. “Intrusion Detection System using Deep Learning” International Journal of Engineering Research & Technology (IJERT) 2021
6. A Data Sharing Protocol To Minimize Security And Privacy Risks In Cloud Storage Using Steganography Techniques” IRJET2020
7. A Data Sharing Protocol to Minimize Security and Privacy Risks in Cloud Storage” International Journal Of Trend In Scientific Research & Development 2019
8. An Intelligent SOLAR LED street lighting system” International Journal of Technology in Computer Science and Engineering2019

International /National Conferences:

1. “An Intelligent Solar LED Street Lighting System” Proceedings of National Conference NCON’19
2. “Edge Computing based Manhole Cover Management” Proceedings of National Conference NCON’19
3. “Quick response system App for service support” International conference on newer engineering concepts & technology-2K17
4. “Heart Arrhythmia Detection Using GPU Deep Learning” Proceedings of National conference on “Recent Trends and Technologies in Computing” – NCRTTC’20
5. “A Data sharing protocol to minimize security and privacy risks in cloud storage”

Proceedings of International conference on Advanced Technology in power & robotics engg (ICONPOWROBO'20)
6. "Intrusion Detection System using Deep Learning" Proceedings of Online International Conference on Recent Advances in Deep Learning

Book&Book Chapters:

1. Published a book titled "Deep Learning" with Charulatha Publications in the year 2025.

FDP/Seminar attended

1. Participated in the FDP on "Machine Learning Applications in Cybercrime Investigation: A Hands-on Approach" organized by EICT Academy, IIT Roorkee, in association with ITM University, Gwalior, held from 14th April 2025 to 19th April 2025.
2. Participated in the AICTE-recognized Faculty Development Programme on "Data Science using Python", organized by the Department of Computer Science and Engineering at NITTTR, Chandigarh, from January 20 to January 24, 2025.
3. Participated in the IEEE Madras Section-sponsored 5-day FDS on "Emerging Trends in Artificial Intelligence and Deep Learning," organized by the Department of Electronics and Communication Engineering at Sri Sai Ram Institute of Technology (Autonomous) from 16.12.23 to 20.12.23.
4. Attended a 5-day FDP on "Full Stack Development with Java" organized by Saranathan College of Engineering, Trichy (July 31–August 4, 2023).
5. Attended a 3-day FDP on "Celonis Process Mining using Execution Management System" organized by ICT Academy at KLN College of Engineering (June 20–22, 2023)
6. Attended a Faculty Development Program (FDP) on "CS8791 – Cloud Computing", sponsored by Anna University, held at EGS Pillai Engineering College, Coimbatore from July 18 to July 23, 2022.
7. Participated in an FDP on "Amazon Web Services" organized by the Nehru Institute of Technology, Chennai in collaboration with AICTE, from August 22 to August 27, 2022.
8. Attended a program on "Technology Insight in Data Science" organized by the Chennai Institute of Technology from October 31 to November 5, 2022.
9. Attended the ATAL Academy online FDP on "Artificial Intelligence, Machine Learning, and Deep Learning" organized by Karpagam College of Engineering from February 2 to February 6, 2021.
10. I took part in the FDP on "Compiler Design" organized by Kings College of Engineering, Punalkulam from December 11 to December 17, 2020.
11. I attended the ATAL Academy online FDP on "Cyber Security" hosted by NIT, Nagaland from October 19 to October 23, 2020.
12. I participated in the ATAL Academy online FDP on "Recent Trends and Future

Opportunities on Deep Learning” organized by NIT, Durgapur from September 21 to September 25, 2020.
13. I attended the STTP on “Applications of IoT” conducted by NITTTR, Chandigarh from June 16 to June 20, 2020.
14. I took part in the STTP on “Open Source Cyber Security Tools” organized by NITTTR, Chandigarh from May 18 to May 22, 2020.
15. I attended the Workshop on “Research Articles Writing using LaTeX” conducted by Kongunadu College of Engineering & Technology on January 24, 2020.
16. I participated in the AICTE-recognized FDP on “Embedded System and IoTs” held at NITTTR, Chandigarh from September 23 to September 27, 2019.
17. I attended the STTP on “Management Issues of Laboratory and Workshop Classes” conducted by NITTTR, Kolkata from November 4 to November 8, 2019.
18. I took part in the STTP on “Introduction to Network Security through ICT mode” organized by NITTTR, Kolkata from June 24 to June 28, 2019.
19. I attended the STTP program on “NBA Accreditation through ICT mode” organized by NITTTR, Kolkata from April 22 to April 26, 2019.
20. I participated in the Workshop on Python Programming conducted by BIT Campus, Anna University, Trichy from August 28 to August 29, 2017.
21. I took part in the FDP on “Robotics and Automation” organized by Kings College of Engineering from February 22 to February 23, 2019.

Programs organized

1. Organized a Two-Day Online Lecture Series on “React JS” on 22nd and 23rd May 2025 as part of the institutional collaboration between Vellore Institute of Technology (VIT), Chennai and Kings College of Engineering, Punalkulam.
2. Organizer of the One Day Workshop on “R for Data Science” held on 20th September 2024, aimed at enhancing practical skills in R programming for data science applications.
3. Incharge of Code Club, and organized, successfully conducted the Python Code Challenge on 3rd May 2024 at CSE LAB 1 via Google Forms. The event featured MCQs to assess Python programming skills, with 69 participants including 55 from II year KCE-CSE and 14 external participants.
4. Organized the "Visualization Master Challenge" on 27th February 2025 at CSE LAB 1 under the guidance of Dr. S. Rajarajan, Incharge of Code Club, focusing on enhancing participants' data visualization skills.
5. Organized a guest lecture on “Generative AI adoption” on August 11 th of 2023.
6. Organized a guest lecture on “Testing Concepts in python” on February 16 th of 2024
7. Organized a guest lecture on “A Comprehensive exploration of design principles in UX/UI” on February 28 th of 2024