Name : **SASTHI KUMAR C**

Designation :ASSISTANT PROFESSOR

Department : COMPUTER SCIENCE with Cyber Security

Qualification : MCA., [Ph.D.]

Experience : Teaching– 8.2 | Research– | Industry -

Specialization: Network Security, IoT

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Academic Qualifications

Degree	Branch	Institution / University Name	Year
Ph.D.	Computer Science	Karpagam Academy of Higher Education	Pursuing
MCA	Computer Applications	Sri Ramakrishna Mission Vidyalaya CAS	2020
B.Sc.	Information Technology	Bharathiar University	2017

Additional Qualifications

Dip. / Cert.	Area of Specialization	Institution / Agency	Year
Certificate	Computer Science-Big Data Computing	NPTEL	2024
Certificate	Computer Science-Introduction to IoT	NPTEL	2020
Diploma	Computer Engineering	SRI Polytechnic	2013

Patent

Title	Status	Year
IoT Based Humidity Monitoring System Using Machine Learning approach In Agriculture Field	Published	2023
System For Dynamic Network Routing Optimization	Published	2024

Research Publications

C. Sasthi Kumar, N. Kanagaraj, A Comprehensive Survey of Image Encryption Techniques Enhanced by Digital Signatures, International Journal of Natural Sciences, Vol.15 / Issue 83 / April / 2024, ISSN: 0976 – 0997, (Indexed in UGC CARE).

Books/ Book Chapters Publication

Applications of Mathematics in Science and Technology, Sivanesan P. Sasthi Kumar C, 1st Edition, CRC Press, Taylor and Francis Pte. Ltd., 2025, ISBN: 9781003606659

Presentations in Conference/ Seminar

Enhancing Personalization in Media Streaming Services Through Graph Neural Network, 2024 IEEE 16th International Conference on Computational Intelligence and Communication Networks (CICN), 22-Dec-2024 to 23 Dec. 2024.

AI-Based Bolt Loosening Diagnosis with Deep Learning from Laser Ultrasonic Wave Data, 2024 7th International Conference on Contemporary Computing and Informatics (IC3I), Amity University Uttar Pradesh,18-Sep-2024 to 20-Sep-2024.

Integrity of Code and IoT Validation of Resource Utilization in Micro Control Unit, 2023 International Conference on New Frontiers in Communication, Automation, Management and Security (ICCAMS),Presidency University,Bangalore,27-Oct-2023 to 28-Oct-2023

Modelling of an Intelligent Voice System using MI Algorithm for E-Business, 2022 5th International Conference on Contemporary Computing and Informatics (IC3I), Amity University Uttar Pradesh, 14-Aug-22 to 16 Aug-22.

Participation in Conference/Seminar

2024 7th International Conference on Contemporary Computing and Informatics (IC3I), Amity University Uttar Pradesh,18-Sep-2024 to 20-Sep-2024.

2024 IEEE 16th International Conference on Computational Intelligence and Communication Networks (CICN), 22-Dec-2024 to 23 Dec. 2024.

2023 International Conference on New Frontiers in Communication, Automation, Management and Security (ICCAMS),Presidency University, Bangalore,27-Oct-2023 to 28-Oct-2023

2022 5th International Conference on Contemporary Computing and Informatics (IC3I), Amity University Uttar Pradesh, 14-Aug-22 to 16 Aug-22.

Participation in Orientation Programme / Short Term Courses

UGC Sponsored Malaviya Mission teacher training program on NEP Orientation and Sensitization, Bharathidasan University, Tiruchirappalli, 4-Mar-24 to 23-Mar-24.

Participation in Faculty Development Programme

- Sustainable Energy Transition through Phase Changing Materials (PCMs), Murugappa Polytechnic College, Chennai, 27-Jan-25 to 31-Jan-25.

- Enrichment Program of GATE (CS & IT), Bengal College of Engineering and Technology, 27-Aug-24 to 31-Aug-2024.

- Latest Trends on Computational Mathematics Theory, Methods & Applications, JIS University, 26-Feb-24 to 01-Mar-2024.

- Cloud Infrastructre(AWS),Karpagam College of Engineering,Coimbatore,21-Aug-23 to 25-Aug-23.

- Personality Grooming - Handling Stress and Emotional Intelligence, PPG College of Arts and Science, Coimbatore, 02-Jan-23 to 06-Jan-23

- Amazon Web Services, Aditya College of Engineering & Technology, Surampalem, 22-Aug-22 to 27-Aug-22.

- Artificial Intelligence and Cloud Services, Sri Ramakrishna College of Arts and Science, Coimbatore, 31-Oct-22 to 04-Nov-22.

- Research Methodology, PPG College of Arts and Science, Coimbatore,19-Dec-22 to 22-Dec-22

Participation in Workshop

- Innovative Ways to Optimize Your LinkedIn Profile for Better Visibility, Outreach, and Career Prospects, HKBK Degree College,27-Mar-24

- SPSS Basics, KV Institute of Management and Information Studies, Coimbatore,31-May-22

- Improving Scientific Research writing and Publication Skills, R.K.D.F. University, Bhopal,16-Apr-22.

Conference / Seminar / Workshop Organized

- Committee member, National Conference on Recent Trends and Advances in the Field of Information Technology, Karpagam Academy of Higher Education , Coimbatore, 07-Mar-25.

- Invited Speaker, Two days Seminar on Usage of Online Platforms, Karpagam Academy of Higher Education, Coimbatore, 29-Aug-24 and 30-Aug-2024.

- Organizing Secretary, Seminar on Step-by-Step Guide to PAN and Aadhar Application and their Importance, Karpagam Academy of Higher Education, Coimbatore, 28-Aug-2024

- Organizing Secretary, Seminar on Intellectual Property Rights, Karpagam Academy of Higher Education, Coimbatore, 30-Mar-2023

- Course Coordinator, 21days Master class on Embedded Systems (Arduino),PANTECH E Learning, Chennai,14-Feb-2024 to 04-Mar-2024.

Membership in Professional Bodies

Name of the Professional Body	Nature of membership	Duration
IAENG	Life-time	-
SOLETE	Life-time	-

Awards / Honors

Awards / Honors	Agency / Institute	Year
Dr Sarvapalli Radhakrishnan Best teacher award	Society for Learning technologies,Vijayawada	2021