

Name of Faculty Mr. Sachin Kumar
 Designation Assistant Professor
 Nature of Job/Appointment Contract 15-04-2023
 Date of Joining 16 – 04 - 2022
 E-mail sachinkumar_it@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	NA	NA
PG	MS By Research (CSE)	First
UG	B. Tech. (CSE)	First

Work Experience

Teaching	06 Years
Research	04 years
Industry	03
Others	04 Months

Area of Specialization Image Analysis, Security, Data Structure & Algorithms

Professional Memberships NA

Responsibilities held at Institution Level --

Responsibilities held at Department Level --

Research Guidance --

Awards Received GATE-2011, IASc SRF – 2019 at ISI kolkata

Courses Handled at Under Graduate / Post Graduate Level. Software Engineering, DBMS, OOSD, Data Structures, Mobile Computing, and Fundamentals of Programming Languages

No. of Papers Published National Journals – 00 International Journals – 00
 National Conference – 00 International Conference – 02

Projects Carried out --

Patents --

Technology Transfer --

Invited Speaker NA

No. of Books/Chapter Published with details NA

- Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops. Other Trainings (**Attended and/or Organized**).
1. Workshop on Application Development in Android oct-2013 at Dept. of CSE **NIT Trichy**.
 2. Security and Privacy Symposium (<http://cse.iitk.ac.in/users/sps2014/>), 20-22 Feb.2014, **IIT Kanpur**.
 3. 4th ASK-2014 (<http://ask2014.iiitd.ac.in/>), 19-22 Dec.2014, SETS & **ISI Chennai**.
 4. FACETS 2015 (<http://www.imsc.res.in/~knr/facets15/>), 29-30 June, **IMSc Chennai**.
 5. NMI Workshop on Static and Dynamic Mechanism Design, 01-04 Aug., 2015, **ISI, New Delhi**.
 6. Active Learner NPTEL Online Courses (e.g., noc15-ma01, noc15-cs15, noc15-cs02, noc15-cs01).

7. Research Oriented FDP on Open Source Technology, 26-27, Sept. **2016, SVEC, Tirupati.**
8. TEQIP-III workshop "Faculty summer training on advance pedology:ALDT, **IIT Hyderabad.**May, 13-17,**2019.**
9. **IASc-INSA-NASI Summer Research Fellowship in 2019, 03 june-28 July 2019, ISI Kolkata.**
10. FDP-On- Deep Learning and its Applications, 20-24 August **2019, EICT, Academy IIT Roorkee.**
11. NCM-TEW "Linear Algebra, Coding Theory and Cryptography",18-23, Nov.2019, JDMC University of Delhi.
12. FDP on DL & ML Application using Python, 6-10.Jan.2020, at SMVU, Jammu by EICT Academy IIT Roorkee.
13. ACCS-2020, One Day International Workshop, IIIT Delhi, 09 Feb.2020.
14. TEQIP - III : Faculty Training on ‘Cyber Security’ at IIT Roorkee during 10th – 21st Feb 2020.
15. IEEE SPS Workshop on Deep Learning and Reinforcement Learning using MATLAB, 22-23 July, IIITD 2020.
16. CSIR-Summer Research Training (CSIR-SRTP) 2020 Online June-August, 2020.
17. AICTE-ATAL FDP on Optimization on Manifolds for Machine Learning, Oct.19 - 23, 2020, IIITD.
18. Cyber Security and Modern Cryptography Workshop 9-13th Nov. 2020, IIT Khg.
19. NCM-TEW on “Algebra and Discrete Mathematics”, Nov.19, 2020-Jan.03, 2021 at mepcoeng, Sivakasi.
20. Online FDP "ICT Tools for Teaching, Learning Process and Institute", 15-26 March, 2021, EICT Academy.
21. Online FDP "Data Science for all", 12-23 April, 2021, EICT Academy IIT Roorkee, Kanpur.

Details of Journal Publications/ Conferences (**National and International**)

International Journal

International /National Conferences

1. **1. S. Kumar and R. L. Velusamy**, "*Latent Fingerprint preprocessing: Orientation field correction using region wise dictionary*," *2015 International Conference on Advances in Computing, Communications and Informatics (ICACCI)*, Kochi, 2015, pp. 1238-1243.
2. **2. S. Kumar and R. L. Velusamy**, "*Kernel approach for similarity measure in latent fingerprint recognition*" , *2016 International Conference on Emerging Trends in Electrical Electronics & Sustainable Energy Systems (ICETEESES)*, Sultanpur, 2016, pp. 368-373.