



Faculty Profile

Brief Profile (Few Paragraphs)

Dr. Karanam Sunil Kumar is currently serving as an Assistant Professor at RV College of Engineering. He completed his Bachelor of Engineering (BE), Master of Technology (MTech), and PhD from Visvesvaraya Technological University (VTU), Belagavi. With a career spanning 16 years, Dr. Sunil Kumar has a wealth of experience in his field. He has contributed to the academic community by publishing six journals, which have been indexed in top-tier categories ranging from Q1 to Q4.

Personal Information

- **Name:** Dr. Karanam Sunil Kumar
- **Designation:** Assistant Professor
- **Department:** Computer Science and Engineering
- **Email:** Ksunilkumar@rvce.edu.in
- **Phone:** 080-68188100

Google Scholar: [SVO8Gv4AAAAJ](https://scholar.google.com/citations?user=SVO8Gv4AAAAJ)

ResearchGate: IDAAL-2505-2021

LinkedIn: [1746a1117](https://www.linkedin.com/in/1746a1117)

ORCID: <https://orcid.org/0009-0008-6125-8618>

Domain of Expertise

- Image Processing, object Tracking

Research Focus

- **Primary Area:** Image processing, Object Tracking.
- **Allied Areas:**

- o Machine Learning
- o Video Tracking

Academic Qualifications

- **Ph.D.:** Computer and Information Science, VTU, 2024
- **M.Tech:** Computer Science & Engineering , VTU, 2010
- **MBA:** Marketing and Hr, Symbiosis center for Distance Learning, 2016
- **B.E.:** Computer Science & Engineering, VTU, 2006

Professional Experience

Experience			
S.N o	Institute/College/Industry	Job Title	Duration (From- To)
1	RNS Institute of Technology Bangalore -560098	Assistant Professor in CSE Dept.	Sep 2006-Apr 2023
2	B.M.S. College of Engineering Bangalore-560019	Assistant Professor in CSE Dept.	May 2023 to Feb 20 2005
3	RV College of Engineering Bangalore -560059	Assistant Professor in CSE Dept.	Feb 21 2025 to Tille-Date

Publications & Patents

Journal Publications

1. Karanam Sunil Kumar,N P Kavya, "**An Efficient Unusual Event Tracking in Video Sequence using Block shift Feature Algorithm** " published in the Journal International Journal of Advanced Computer Science and Application With VOI. No 13 Issue No 7, 2022 Page No 98-107 Impact factor 1.162 and year of publication 2022.

2. Karanam Sunil Kumar,N P Kavya, "**Compact Scrutiny of Current Video Tracking System and its Associated Standard Approaches**" published in the Journal International Journal of Advanced Computer Science and Application. With VOI. No 11 Issue No 12, 2020 Page No 398 -408 Impact factor 1.162 and year of publication 2020.
3. Karanam Sunil Kumar,N P Kavya, " **Design of an Effective Multiple Object Tracking Framework for Dynamic Video Scences**" Published by the Journal. International Journal of Artificial Intelligence for publication Impact factor 2.161 and year of publication 2024.
4. A research article title " **RFDM- An Efficient Method for Video Tracking**" published in the Journal International Journal of Innovative Technology and Exploring Engineering (IJITEE). With VOI. No 09 Issue No 2S, 2019 Page No 448 -454 Cite Score 0.6 and year of publication 2019.

Books/Book Chapters

1. Karanam Sunil Kumar,N P Kavya, "**Novel Approach of Video Tracking System Using Learning-Based Mechanism over Crowded Environment**" published in the Journal Lecture Notes in Networks and Systems With VOI. No 230 Book Series Page No 67-77 Impact factor 0.595 and year of publication 2021 published by Springer.
2. A research article title "**Computational Contextual Framework for Dynamic Tracking of Numerous Mobile Object**" published in the Journal Lecture Notes in Networks and Systems With VOI. No 597 Book Series Page No 751-761 Impact factor 0.595 and year of publication 2022 published by Springer.

Patents **[Filed / Published / Granted]**

1. INVESTMENT MANAGING AI-ROBOT , 430993-001, 19/09/2024
2. NETWORK ISSUES DETECTING DEVICE , 410441-001,2024,13/03/2024
3. SMART DEVICE FOR DENTAL PROSTHETICS,420596-001,19/06/2024
4. LEGAL DOCUMENT ORGANIZER SCANNER,421993-001,02/07/2024
5. RESEARCH ANALYSING SOLAR POWERED DEVICE,435319-001,23/10/2024

Professional Memberships

- ISTE LifeTime -LM 142813

