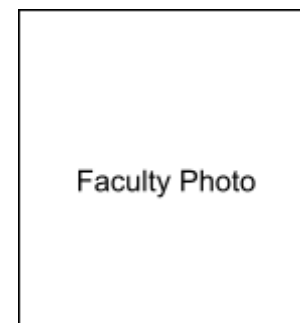


Faculty Profile



Dedicated, goal-oriented learner and educator with a strong mathematical aptitude and a deep commitment to continuous improvement in technical and teaching skills. Known for high levels of patience, adaptability, and a values-driven approach to work. Firm believer in the power, fruits of hard work and passionate about contributing meaningfully to the growth of the organization and the nation through excellence in education.

Personal Information

- **Name:** Raghavendra Prasad S G
- **Designation:** Assistant Professor
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Google Scholar : <https://scholar.google.com/citations?user=duScJgYAAAAJ&hl=en/> ResearchGate /

LinkedIn: https://in.linkedin.com/in/raghavendra-prasad-s-g-331b01215?trk=people-guest_people_search-card/

ORCID: <https://orcid.org/0000-0001-8967-7066>

Domain of Expertise

Applied Mathematics, Computer Hardware and Software fundamentals.

Research Focus

- **Primary Area:** Improving the efficiency of Computer Arithmetic.
- **Allied Areas:**
 - Discrete Mathematics, Graph Theory, Theory of Computation, Algorithms, Probability, Statistics and Queuing Theory, System Modelling and Simulation, Grid Computing, Cloud computing, Information Retrieval, Fuzzy Logic, Soft Computing, Deep Learning, Artificial Intelligence & Machine Learning, Metrics and Models in software Quality Engineering
 - Logic Design, Computer Architecture, Microprocessors, Microcontrollers, Wearable Devices, Computer System Performance Analysis, Parallel programming, Fault Tolerant Systems.
 - C, C++, Java and J2EE, Introduction to Python Programming, UNIX and SHELL programming
 - Intellectual Property Rights and Entrepreneurship, Universal Human Values.

Academic Qualifications

- **(Ph.D.):** Information Technology, JAIN (Deemed-to-be) University, 2024-till date
- **M.Sc.** [ASIC Design], Mangalore University, 2011.
- **M.Sc.** [Information Technology], KSOU, 2007.
- **B.E.** [Electronics & Communication], Karnataka University, 2000.
- **B.Sc.** [PCM], Bangalore University, 1995.

Professional Experience

Experience			
S.No	Institute/College/Industry	Job Title	Duration (From- To)
1.	RV College of Engineering	Assistant Professor	2011 – till date
2.	RV College of Engineering	Lecturer	2005-2010
3	Sri Sai Sathyanarayana College	Lecturer	2003-2005
4	CHIPS-IIT JEE	Lecturer	2001-2003

Publications & Patents

Journal Publications & Conference Papers:

<https://scholar.google.co.in/citations?user=duScJgYAAAAJ&hl=en>

1. Niranjan Kumar, YS Sneha, Jitendranath Mungara, SG Raghavendra Prasad, "A survey on data mining methods available for recommendation system", **IEEE**, 2021.
2. Anirudh Nagraj, Ravi Kuber, Foad Hamidi, Raghavendra SG Prasad, "Investigating the navigational habits of people who are blind in india" **ACM SIGACCESS**, 2021
3. Harshitha U Kumar, Raghavendra Prasad SG, "Algorand: A better distributed ledger", **IEEE** 2019.
4. V Chayapathy, G Anitha, P Raghavendra, R Vijaykumar, "Solar panel temperature prediction by artificial neural networks", **IEEE**, 2019.
5. M Rashmi, SG Raghavendra Prasad , " Developing Augmented Reality Application for All-in-one Interface Card", **IEEE**, 2019.
6. SG Raghavendra Prasad, R Vivek, Jitendranath Mungara, E Jubin Sebastian, "NS3 simulation studies for optimized neighbour discovery in 6LoWPAN networks" **IEEE**, 2016.

Professional Memberships

- IEEE (Senior Member) : 92596217
- ISTE (Life Member) : LM 48851
- ACM Membership : 6054086
- IIWC (Indian Institute of World Culture – Life member) : 21261
- IAVM (Institute for The Advancement of Vedic Mathematics,, UK – Life Member) : 01729
- IFERP Senior Member

Awards & Recognitions

- UGC IKS (Indian Knowledge System) – Master’s Trainer 2024-25 : Selected through all over India exam and trained as Master’s Trainer for IKS (Indian Knowledge System), Division of Ministry of Education (MoE), Govt. of India, New Delhi.
(https://www.ugc.gov.in/pdfnews/9360883_MASTRAIN---FINAL.pdf)
- Appointed as Honorary Director: Institute for the Advancement of Vedic Mathematics, UK. (2021- Till Date) (<https://instavm.org/team/>)
- Outstanding Volunteer – IEEE Bangalore Section for the year 2022
- Awarded one of the Top Performers of IEEE Bangalore Section during Jan-Jun 2020.
- NPTEL – Top Performing Mentor Jul-Oct 2018 for the course “Discrete Mathematics”.
- Elevated to the grade of IEEE Senior member on 30 Aug 2018, as an honor bestowed for significant contributions to the profession.
- Completed Machine Learning course from Electronics & ICT Academy IIT Kanpur, on 31st May 2018. Shortlisted as “Star Performer”.
- Shortlisted candidate for Teacher Innovator 2016 (MHRD Award) Stage II.

Professional Roles

IEEE:

- IEEE Global EAB (Educational Activities Board) – CPC (Credentialing Program Committee) Member 2023-25
- National level Coordinator and Evaluator: "Eureka" IEEE Pune Section 2019-26
- Vice Chair: IEEE Education Society Bangalore Chapter – 2024-25
- ExCom Member, IEEE Bangalore Section Education Society Chapter 2020-2026
- ExCom Member : IEEE Bangalore Section Consultant Network – 2024
- ExCom Member – IEEE Bangalore Section 2019-23.SAC (Student Activities Committee) Chair 2020, 2022, SAC Mentor – 2021, 2023.
- In charge : “Walk and Breakfast with IEEE Fellow” – 2020

Vedic Mathematics:

- Content Developer: Pride of India (POI) Project by Samvit Research Foundation, Bangalore.
(<https://www.samvitresearch.org/>)

- **Resource Person:** Research in the applications of Vedic Mathematics in digital systems: **IAVM** (Institute of Advance Vedic Mathematics, **UK**).
- **Chief Coordinator** – 3rd International Vedic Mathematics Conference held at RVCE 23–25 Aug 2018. (<https://www.youtube.com/watch?v=j4GNWeq91So>)
- **Editorial Board:**
- Chair/Committee Member: [Conference Name, e.g., IEEE International Conference on Robotics]
- Industry Advisor: [Company/Startup Name]

Teaching

Core Courses: Current Semester

Universal Human Values – HS248AT

Advanced/Lab Courses:

Internet of Things, Algorithms.

Professional Roles

Responsibilities

- **Academic:** UG Major Project Coordinator.
- Administrative:** Coordinator – IEEE Philanthropic Activities, Member Carbon Team, Website Coordinator, Student Counselor, **Associate Editor RVJSTEAM – 2021-23**

External Connect

- Taught Discrete Structures (Code : AC 10) for **AMIETE** students from **DRDO(Defence Research and Development Organisation)**, 2008–2009