

AVINASH J. KAMBLE

Personal Details:

Email : avinashmath@yahoo.co.in

Languages: English, Hindi, Marathi, Kannada

Phone Number: 7977908836

Educational Background:

- **Ph D:** *Karnatak University, Dharwad, Karnataka, 2011*
Thesis: The Geometry of Codes and Ciphers
- **M. Sc. (Pure Mathematics):** *Karnatak University, Dharwad, Karnataka, 2003*
- **B. Sc.:** *Karnatak University, Dharwad, Karnataka, 2001*
Specialization: Physics, Mathematics, Statistics

Research Interests:

- Fuzzy Set Theory, Algebraic Graph Theory

Professional Experience:

- **August, 2016 - Sept.30, 2023:** Assistant Professor, Department of Applied Sciences and Humanities, Pillai HOC College of Engineering and Technology, Rasayani, Panvel, Dist. Raigad, Maharashtra.
- **June, 2015 - June, 2016:** Assistant Professor, Department of Applied Sciences and Humanities, St. John College of Engineering and Technology, Palghar (E), Maharashtra.
- **July, 2014 - May, 2015:** Senior Assistant Professor, Department of Mathematics, Alva's Institute of Engineering and Technology, Moodbidri -Mangalore, Karnataka,
- **August, 2009 - January, 2014:** Senior Lecturer and then Asst. Professor (Senior Scale), Department of Engineering, Manipal University, Dubai Campus, Dubai. UAE.
- **June, 2007 - August 2009:** Senior Research Fellow and Teaching Assistant, Department of Mathematics, Karnatak University, Post Graduate Centre, Belgaum, Karnataka.
- **November, 2004 - May, 2007:** Lecturer (Under UGC-FIP 10th Plan), Department of Mathematics, K. L. E., R. L. Science Institute, Belgaum, Karnataka.

Subjects Taught:

Differential Equations, Calculus, Complex Analysis, Discrete Mathematics, Abstract Algebra, Laplace Transforms, Fourier Transforms, Probability Theory, Numerical Methods

Awards and Recognition:

- University Grants Commissions(UGC) - Rajiv Gandhi National Fellowship for pursuing PhD from May 2007- August 2009.
- Approved faculty of University of Mumbai as a Full Time Assistant Professor in Applied Mathematics from 27/01/2017.
(MU Letter **Ref. No: TAAS (CT) / ICD / 2017-18 / 5225** Date: 06/03/2018)
- Member of Editorial team in Mathematics Journal entitled Pure and Applied Mathematics Journal
- <http://www.sciencepublishinggroup.com/journal/editorialboard?journalid=141>
- Member of Editorial team in Mathematics Journal entitled *International Journal of Mathematics Trends & Technology*
["http://ijmtjournal.org/editorial-board](http://ijmtjournal.org/editorial-board)
- Editorial Board Member of the Journal entitled *Journal of Artificial Intelligence and Big Data*.
<https://www.scipublications.com/journal/index.php/jaibd/editors>
- Committee member of Syllabus revision for Engineering Mathematics, III & IV, Academic year 2020-21 (REV 2019, C -Scheme), UoM, Mumbai.
(MU Letter **Ref. No: AA / ICD / 2019-20 / 847** Date: **20th March, 2020**)
- Co-author of the book **Engineering Mathematics-III**
(REV 2019, C scheme, University of Mumbai) Semester-III (Code: ECC301)
- Co-author of the book **Engineering Mathematics-IV**
(REV 2019, C scheme, UoM) Semester-IV (Code: CSC 401 / ITC 401)
- Co-author of the book **Random Signal Analysis** (REV 2019, C-Scheme, UoM) Semester-V Electronics & Telecommunication Engineering (Code: ECC 504)

Selected Journal Publications:

- *Some Notes on Pentagonal Fuzzy Numbers*, **Avinash J. Kamble**, International Journal of Fuzzy Mathematical Archive, Vol. 13, No. 02, 2017, 113-121, ISSN 2320-3242(P), 2320-3250. (Google scholar citations: **32**)
- *Some Results on Fuzzy Numbers*, **Avinash J. Kamble**, and T. Venkatesh, Annals of Pure and Applied Mathematics, ISSN 2279-087X (P), 2279-0888 Vol. No.2, 2014, 90-97 (Google scholar citations: **08**)
- *A Note on Some Fuzzy Algebraic Structures*, **Avinash J. Kamble** and T. Venkatesh, International Journal of Fuzzy Mathematics and Systems, ISSN 2248 - 9940, Volume-4, No.2, 2014, pp. 219-226 (Google scholar citations: **05**)

- *Soft computing - Fuzzy Logic: An overview*, **Avinash J. Kamble** and Ravindra Rewaskar, International Journal of Fuzzy Mathematical Archive, Vol. 18, No.1, 2020, 45-52, ISSN: 2320 - 3242 (P), 2320- 3250 .(Google scholar citations: **03**)
- *On Structure of Order Graphs Arising from Groups*, **Avinash J. Kamble** and Ravindra Rewaskar, Annals of Pure and Applied Mathematics, Vol. 22, No.1, 2020, 21-27, ISSN: 2279-087X (P), 2279-0888. (Google scholar citations: **02**)

Conference / Seminar Presentations:

- Presented a paper entitled *Some Applications of Error-Correcting Codes* at National Conference on Relativity and its impact on Mathematical Sciences, sponsored by UGC- DST and organised by Karnatak University, K.R.C. P.G. Centre, Belgaum, Karnataka, India, during October, 24-26, 2005.
- Presented a paper entitled *A Graph Theoretic Approach to Bounds on Codes* at National Conference on Recent Advances in Mathematics and its Applications, supported by UGC-SAP and organised by Karnatak University, K.R.C. P.G. Centre, Belgaum, Karnataka, India, during September 27 - 29, 2007.
- Presented a paper entitled *Perfect Graphs and Perfect Fuzzy Graphs - An Overview* at National Conference on Mathematics and its Applications in Technology, sponsored by TEQIP III, MHRD, Govt. of India and organised by Department of Mathematics, Veermata Jijabai Technological Institute(VJTI), Mumbai, held on 29th February, 2020.

Conferences / Seminars / Workshops Attended:

- *National Seminar on Recent Trends in Analysis & its Applications*, organized by G.H. College, Haveri, Karnataka, India on 24th - 25th June 2005.
- *National Conference on Relativity*, organized by Karnatak University, P.G.Centre, Belgaum, Karnataka, India, on 24th -26th Oct.2005.
- *National Seminar on Quality in Higher Education* organized by KLE's R. L. Science. College, Belgaum, Karnataka, India, on 14th -15th Feb., 2007.
- *Instructional School in Mathematics*, organized by Karnatak University, Belgaum Campus at V.T.U Belgaum, Karnataka, India, on 24-27 Sept.2007.
- *International Conference on Recent Advances in Mathematics & its Applications*, supported by UGC-SAP, organized by Karnatak University P.G.Centre, Belgaum, Karnataka, India during 27th - 29th Sept.2007.

- Attended workshop on *Research methodology and statistics*, organized by and held at the Manipal University, Dubai, UAE, from 10th - 13th July 2011 .
- Attended workshop on *Pedagogic and personal effectiveness* organized by Manipal Centre for Professional and Personal Development at Manipal University, Dubai, UAE From 2nd - 4th July 2013.
- Attended Short Term Training Program (STTP) on *Innovations and Applications of Engineering Mathematics* at Vidyalankar Institute of Technology, Wadala, Mumbai during 28th November - 2nd December, 2016.

➤ **Google Scholar citations:** 58

➤ **h- index:** 04, **i10 index:** 01

<https://scholar.google.com/citations?user=sHyM6iYAAAAJ&hl=en>

➤ **Research gate citations:** 51

➤ **RI Score:** 111.2

<https://www.researchgate.net/profile/Avinash-Kamble-4>