

FACULTY PROFILE

1. **Name** : **Dr. Prakash K. Gonnagar**
2. **Designation** : Professor and Vice Principal
3. **Date of Birth** : 01 – 06 – 1965
4. **Educational Qualifications** : M. Sc., Ph.D.
5. **Work Experience**
 - Teaching : 30 years
 - Research : 08 years
6. **Area of Specializations** : General Topology, Fuzzy Topology,
Soft Topology
7. **Subjects teaching**
 - UG Level : Engineering Mathematics.
Additional Mathematics
 - PG Level : Real Analysis and Topology
8. **Research Guidance** : 04
 - M. Phil : Four students awarded
9. **Additional Responsibility**

:

 - Vice Principal (Administration), BLDEA's V P Dr P G Halakatti College of Engineering and Technology, Vijayapur
 - Member, B.O.E. (Mathematics), V.T.U. Belgaum 2011-12.
 - Member, B.O.E. (Mathematics), Karnataka State Women's University, Bijapur 2012-14.
 - Member, B.O.S. (Mathematics), Karnataka State Women's University, Bijapur 2012-15.
 - Subject Expert of a selection committee for selection Science/Maths faculty, BLDEA's Polytechnic, Bijapur.
 - Member, Anti-Ragging Committee, since, 2007.
10. **Research Publications: 07**
 - S.S. Benchalli and P.K. Gonnagar, "**On Fuzzy functions in Fuzzy topology**", presented at the international conference on Geometry, analysis and Fluid mechanics and their applications at Kuvempu University, Shankarghatta-577451, Shimoga Dist., Karnataka, India, Jan, 15-17,2000.
 - S.S. Benchalli and P.K. Gonnagar, "**Generalized continuous and generalized closed fuzzy functions in fuzzy topology**", presented at the



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international conference on Geometry, analysis and Fluid mechanics and their applications at Kuvempu University, Shankarghatta-577451, Shimoga Dist., Karnataka, India, Jan, 15-17, 2000.

- S.S. Benchalli and P.K. Gonnagar, “**Weekly generalized fuzzy functions in fuzzy topology**”, S.S. Benchalli and P.K. Gonnagar on Geometry, analysis and applications, at Banaras Hindu University, Varanasi-221005, India, Aug. 21-24, 2000.
- S.S. Benchalli and P.K. Gonnagar, “**g-Compactness and related concepts in fuzzy topological spaces**”, presented at the International conference on Geometry, analysis and applications, at Banaras Hindu University, Varanasi-221005, India, Aug. 21-24, 2000.
- S.S. Benchalli and P.K. Gonnagar, “**Almost Continuous Fuzzy functions in Fuzzy Topological spaces**”, presented at the International conference on Analysis and Discrete Structures (ICADS – 2002), at Indian Institute of Technology, Kharagpur during 22-24 December, 2002.
- P.G. Patil, S.S. Benchalli and P.K. Gonnagar, “ **$w\alpha$ -Separation Axioms in Topological Spaces**”, Journal of New Results in Science, Vol. 5, pp. 96-103, 2014.
- P.K.Gonnagar, P.G.Patil, **New Fuzzy Functions in Fuzzy Topological Spaces**, Indonesian Journal of Mathematics ,(Accepted for publication)

11. Conferences/Workshops attended:

- Attended in Two weeks **STTP on System Techniques and Applications to Civil Engineering Problems**, Dec. 28, 1998 to Jan. 9 1999 Held at BLDEA’s VP Dr. PGH College of engineering and Technology, Bijapur, Karnataka.
- Participated in the one –day Workshop on **Scheme of Teaching Discrete Mathematical Structures**, Sept. 12, 2004, held at AMC Engineering College, Bangalore, Karnataka.
- Participated in the Workshop on **Preparation of Model Question Papers of Engineering Mathematics**, Sept. 8, 2007, Held at K.L.E. Society’s College of engineering and Technology, Belgaum, Karnataka.
- Participated in the National Conference on **Analysis and Applications with Special Emphasis on Algebra and Topology**, Feb. 2-4, 2007, Held at Karnataka University Dharwad, Karnataka.
- Attended National Workshop on **Revised Syllabus of Engineering Mathematics –I/II**, Sept. 9, 2011 Held at Reva Institute of Technology & Management, Bangalore, Karnataka.

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- Attended National Workshop on **Use of open Source Software for teaching Mathematics**, Jan. 27–31, 2011 conducted at Bhaskaracharya Pratishthana, PUNE Maharashtra
- Participated National Conference on **Analysis and Applications (NCAA-2011)**, March 15-17, 2011 conducted at Karnataka University Dharwad, Karnataka.
- Attended National Workshop on **Applications of Mathematics in Science and Engineering**, Sept. 22, 2012 conducted at Karnataka College Dharwad, Karnataka.
- Attended National Workshop on **Advanced Linear Algebra and its Applications to Engineering**, July 17–20, 2013 conducted at .M. S. Ramaiah Institute of Technology, Bangalore, Karnataka.
- Participated in the two days National Level Workshop on **Latex and its Applications** on August 31st and September 1st, 2013 organized by Smt. Kamala & Shri Venkappa M. Agadi College of Engineering & Technology, Lakshmeshwar -582 116 Dist. Gadag, Karnataka.
- Participated in the two days National Level Workshop on **GeoGebra: Dynamic Mathematics made easy and Programming with Scilab** on December 28 and 29 2013 conducted by Department of Mathematics, BEC, Bagalkot (Karnataka).

12. Resource Person:

- Resource person for invited talk on **Mathematics for PU-College Lectures Training Programme** sponsored by D. D. P. U. Vijayapur, Oct., 18-22, 2011.

13. Visiting Faculty:

- P.G. Course (Mathematics), Karnataka State Women University, Vijayapur.

14. **Telephone No. :** 08352-262714(o), +919886177080(M).

15. **Email** : pkgonnagar@gmail.com; pkgonnagar@rediffmail.com

16. **Address for Correspondence** : Dr. P.K.Gonnagar,
Professor and Vice Principal,
Department of Mathematics,
B.L.D.E.A'S V.P. Dr. P. G. Halakatti College of
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17. **Address for Correspondence** : Dr. P.K.Gonnagar,
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Ashram, Ashram Road,
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