

PROFILE

Dr.(Smt) Prabhavati S. Mandalageri

Assistant Professor

Department of Mathematics

KLEs S. K. Arts & H.S.K. Science Institute

Vidyanagar, HUBBALLI

E-mail: prabhasm16@gmail.com

Academic Qualifications : M.Sc, PGDCA, M.Phil, Ph.D

MAXSOFT Course at IEC Hyderabad and Chennai(1997)

(Master's Diploma in Export Oriented SOFTWARE)

Teaching Experience : 16 Years

Research Area: Inventory Model for deteriorating items, General and Fuzzy topological spaces.

Languages and Packages Known: Basic, Qbasic , Fortran, Pascal, COBOL, C, C++, Wordstar, Lotus, Dbase III+, Foxpro, Visual Foxpro, Oracle, D2K, Visual Basic, Page Maker, LaTeX, Scilab, Maxima, MS Office etc.

International Conference

1.	Participated and presented a paper in the (virtual) International Conference on “Present Scenario of Mathematical Sciences” at Karnatak Arts College, Dharwad, held on 12 th and 13 th September, 2020
2.	Participated and presented a paper in the National Conference on “Advances in Mathematical Sciences & Applications” at AIT Chikkamagaluru, held on 22 nd and 23 rd December, 2014

National Seminars/Conferences

1.	Participated and presented a paper in the National Level “Symposium on Pure and Applied Mathematics” at Rani Channamma University, Belagavi, held on 10 th & 11 th Dec 2019
2.	Participated and presented a paper in the National Conference ‘Recent Trends in Applied Sciences and Computing Engineering’ at JNNCE, Dept. of Mathematics, Shivamogga, held on 27 th & 28 th July 19
3.	Participated and presented a paper in the National Conference on “Analysis & its applications“ at KUD, Dharwad, held on 9 th , 10 th March 2018
4.	Participated and presented a paper in the National Conference on “Recent advances in Mathematical sciences and applications” at Tumkur University, Tumakur, held on 1 st and 2 nd Dec 2017
5.	Participated and presented a paper in the National Seminar on “Recent Trends in Mathematics” at J. T. College, Gadag, held on 3 rd March 2017
6.	Participated and presented a paper in the National Conference on “Geometry, Topology and their Applications” at Karnatak University, Dharwad, on 3 rd & 4 th August 2016
7.	Participated and presented a paper in the National seminar on “Graphs In Network Theory ” at S. S. Govt First Grade College, Naragund, held on 27 th Feb 2016.
8.	Participated and presented a paper in the National Conference on the “Applied Mathematics ” at G. H. College, Haveri, held on 30 th & 31 st Jan 2015.

9.	Participated and presented a paper in the National level seminar on the “ Education & National Education Day ” at G. H. College, Haveri on 11 th Nov 2014
10.	Participated and presented a paper in the National seminar on the “Emerging Trends in Mathematics” at P.C. Jabin Science College, Hubli, held on 27 th & 28 th February 2013
11.	Participated and presented a paper in the National level seminar on “21 st century challenges drug addiction & abuse” at S.A. College, Naregal, held on 22 nd & 23 rd February 2013.

State Level Seminar

1	Participated and presented a paper in the State level seminar on the “ Vedic Mathematics” at J.T College, Gadag, held on 6 th Sept 2014
---	---

State / National Seminars/Conferences/ Workshops

1	Participated in the Webinar on “Identifying weaker students and remedial actions” by Inpods, held on 4 th May 2020
2	Participated in the National Level Workshop on “Professional ethics and values for quality enhancement ” at P.C. Jabin College, Hubballi, held on 3 rd October 2018
3	Participated in the State Level Workshop on “NAAC A New approach to IQAC and AQAR”, at SKA College & HSK Science Institute, Hubballi, held on 27 th September 2018
4	Participated in the “32 nd Annual Conference of Ramanujan Mathematical Society” at Rani Channamma University, Belagavi & VTU, Belagavi, held on 23 rd to 25 th June 2017
5	Participated in the State Level Workshop on “Graph theory & its application for scientists, Engineers & Mathematician” at Rani Channamma University, Belagavi, held on 21 st and 22 nd June 2017
6	Participated in the Workshop on “Algebra & Analysis “ at Govt First grade college Ranebennur on 7 Oct 2015
7	Participated in the Workshop on “Differential Equations & Geometry” at Gogte Institute of Technology, Belagavi, held on 15 th & 16 th May 2014
8	Participated in the National Level Conference on “Relevance of Basaveshwar’s Social thought & Teachings to Contemporary Indian Society ” at S.K. Arts & H.S.K. Science Institute, Hubli held on 18 th Feb 2014
9	Participated in the National Level Conference on “The Frontiers of Mathematics & Some Recent Advances ” at R. C. University, Belagavi, held on 26 th & 27 th 2013
10	Participated in the Workshop on “Applications of Mathematics in science & Engineering” at Karnatak University, Dharwad, held on 22 th September 2012
11	Participated in the Workshop on “Mathematics & Statistics Education in India”, at Karnatak University, Dharwad, held on 10 th January 2012
12	Participated in the National Level Conference on “Analysis & Applications” at Karnatak University, Dharwad, held on 15 th to 17 th March 2011
13	Participated in the National Level Seminar on “Higher Education in the New Millenium - issues & Challenges” at P. C. Jabin College, Hubli, held on 18 th & 19 th Feb 2011
14	Participated in the National Conference on “Recent Trends in Mathematics” at R. L. Science Institute, Belgaum, held on 24 th and 25 th October 2008
15	Participated in the National Seminar on “Recent Trends in Mathematics” at R. L. Science Institute, Belgaum, held on 14 th and 15 th February 2007

International Journals

1	Published research paper on “Fuzzy $\alpha\omega$ -closed sets and fuzzy $\alpha\omega$ -open sets in fuzzy topological spaces”, Int. Jour. of Rese. and Analy. Revi., Vol 6, Issue 1, Jan 2019, 853 -859
2	Published research paper “On $\alpha\omega$ -homeomorphisms in topological spaces”, Jour. of New theory, Number 21, Mar 2018, 68-77
3	Published research paper “On $\alpha\omega$ lc-continuous maps in topological spaces”, Int. Jour. of Innov. Rese. and Adva. Studies, Vol 5, Issue 2, Feb 2018, 318-321
4	Published research paper “On fuzzy $\alpha\omega$ -continuous maps in fuzzy topological spaces”, Int. Jour. of fuzzy Math. Arch., Vol 13, Issue 2, Nov 2017, 167-171
5	Published research paper “On $\alpha\omega$ -separation axioms in Topological Spaces”, Int. Jour. of Univ. Math. & Math. Sci., Vol 2 Issue 1, June 2016,40-52
6	Published research paper “Some Properties of rw-Locally Closed Sets In Topological Spaces”, Int. Jour. of Stat. and Appl. Math., Vol 1 Issue 1, May 2016, 46-51
7	Published research paper “on α regular ω -locally closed sets in topological spaces”, Bulletin Of Math. and Stat. Research, Vol 4 Issue 2, Apr-Jun, 2016, 151-158
8	Published research paper “On $\alpha\omega$ -closed and $\alpha\omega$ -open maps in Topological spaces”, Int. Jour. of Applied Rese., 1(11), Oct 2015, 511-518
9	Published research paper “Some properties of maximal rw-open sets in Topological spaces”, Jour. of Comp. & Math. Sci., vol 6, Issue 9, Sept 2015, 477-484
10	Published research paper “On $\alpha\omega$ -Continuous Maps in Topological Spaces”, IOSR-Jour. Math., Vol 10, Issue 6, Nov - Dec 2014, 14-24
11	Published research paper “Minimal On $\alpha\omega$ -Open Sets in Topological Spaces”, Int. Res. Jour. Pure Algebra- Vol 4, Issue 11, Nov 2014, 631-635
12	Published research paper “On α Regular ω Open Sets in Topological Spaces”, Jour. of Comp. & Math. Sci., Vol 5, Issue 6, Nov 2014, 490-499
13	Published research paper “On α Regular ω Closed Sets in Topological Spaces”, Int. Jour. Math. Archive, Vol 5, Issue 10, Oct 2014, 68-76

National Journals

1	Published a paper “Girl Child’s Education – A Bitter Truth”, Proceedings of National seminar, 16 th Sept 2021, 115-119 (ISBN: 978-81-954849-4-2)
2	Published a paper “ Rural students Real Problem : Covid-19” Proceedings of National seminar, 16 th Sept 2021, 119-122 (ISBN: 978-81-954849-4-2)
3	Published research paper “On minimal rw-continuous maps in Topological spaces”, Proceedings of National Conference , 30 th & 31 st Jan 2015, 104-111 (ISBN: 978-81-930850-2-8)

As Rapporteur of National Conference/Judge / Resource person of Special Guest Lecture/Workshop

1	Guided Student for “Karnatak Level Kannada Vijnana Lecturer Competition” by Karnataka Rajya Vijnana Parishattu , held on 30 th Nov. 2021
2	Resource person of Workshop on “Introduction to Scientific computing using SciLab & Maxima” at Kittel Science College, Dharwad, held on 19 th Nov. 2021
3	Resource person of State Level Workshop on “Introduction of Scilab” at S.D.M College, Honnavar, held on 26 th and 27 th Oct. 2021
4	Resource person of FDP on “Hands On Training with Google Apps” held on 20 th to 24 th Oct. 2020
5	Guided Student for “Karnatak Level Kannada Vijnana Lecturer Competition” by Karnataka Rajya Vijnana Parishattu on date 15 th Sept. 2018
6	Resource person of a Special Guest Lecture on “Contour integration in Complex Analysis” at Govt First Grade College , Dharwad, held on 23 th March 2016
7	Judge of “District Level Inter Collegiate Kannada Vijnana Lecturer Competition” by Karnataka Rajya Vijnana Parishattu, held on 29 th Jan 2016
8	Worked as Rapporteur in the National Conference on “Applied Mathematics ” at G. H. College, Haveri, held on 30 th & 31 st Jan 2015

Orientation / Refresher course programme

1	Participated in the Online MathWorks Training Services MATLAB Onramp by MathWorks Training Services, held on 14 th June 2020
2	Participated in the Online 7-day International FDP on “Mathematical Modelling in Multidisciplinary Domain” at Bannari Amman Institute of Technology, Sathyamangalam, TamilNadu, held on 1 st to 7 th June 2020
3	Participated in the Online FDP on Outcome-Based Education by Inpods, held on 25 th May 2020
4	Participated in the “Refresher Course in Mathematics”, HRDC, Bangalore University, Bengaluru, held on 18 th to 30 th November 2019
5	Participated in the “Refresher Course in Mathematics” at HRDC, Sri Venkateswar University, Tirupati, held on 23 th Oct. 2017 to 11 th Nov. 2017
6	Participated in the Refresher Course in “ICT applications in Teaching” at Academic staff College KU Dharwad, held on 20 th Sept. 2011 to 10 th Oct. 2011
7	Participated in the Orientation Programme at Academic staff College KU Dharwad, held on 6 th Jan. 2011 to 2 nd Feb. 2011
8	Participated in the Workshop on “Faculty development program” at IBMR Degree college, Hubli, held on 13 th Oct. 2010