

Curriculum Vitae



Name in Full : **Manjunathayya .M. Holliyavar** M.Sc M.Phil

Date of Birth : 22.07.1969

Date of Entry into service : From June 1993

Education : PUC. (1987) , & B.Sc. (1990),
KLE Society's Jagadguru Tontadarya College , Gadag

Qualifications : M.Sc. M.Phil (1992), Karnatak University Dharwad.

Perusing Ph.D, **Topic** : Generalized $\omega\alpha$ -Closed sets in Topological Spaces
(Registered as Part time) **University** : Bharathiar University **Coimbatore** ,
Govt of Tamilnadu, TAMILNADU.

Official Address : Department of Mathematics
K.L.E Society's
Shri Shivayogi Murughendhra Swamiji College
Athani.-591304, **Karnataka**

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Teaching Experience: 25 years **Degree & PUC** (From June 1993 to present)
Resource Person : To AIEEE, JEE and CET and Competitive Exams

Conference / Seminar/Workshop as a Organizing secretary Organized :

1. Organizing One Day Transdisciplinary Faculty Workshop On NEP-2020 PREPAREDNESS-PEDAGOGY AND LEARNING SKILLS In association with RANI CHANNAMMA UNIVERSITY, BELGRAVIA
2. Conducted one day State level workshop on JAM-exam-2025 on 12.07.2024 for B.Sc Final Year Students.
3. Conducted one day workshop on JAM-exam-2023 in the years 2022 and 2021 for B.Sc Final Year Students
4. Organized One day District level Workshop on e-resources & Skill development on 22nd February 2019

5. Organized UGC Sponsored Two day National level seminar on RECENT TRENDS IN MATHEMATICS in the Year 2017

6. Organized UGC Sponsored one day State level seminar on VEDIC MATHEMATICS on 6th September 2014.

Faculty development Programme: (05)

1. Participated in the Discipline Specific Training Programme (DSTP) on '**Mathematics**' from 01.10.2024 to 05.10.2024 at IKS division-MOE.AICTE HQO. New Delhi
2. **Participated** in the Training Program on **Masters' training Programme in (IKS) Indian Knowledge System organized by National Sanskrit University, Tirupati, Andhra Pradesh** in Collaboration with IKS division of Ministry of Education and University Grant Commission, New Delhi.. **18.03.2024 to 23.03.2024**
3. **Participated** in six-day short term face to face training programme which was held at UGC-Human Resource Development Centre, **University of Madras Chennai, Tamilnadu** from **21st August to 26th August 2023** organized by UGC in collaboration with the **IKS Division of Ministry of Education. New Delhi.**
4. Participated in the **International FDP Program** on "Applications of Mathematics in Various Fields with Innovative Approaches (AMVFIA-23)" Organized by Department of Mathematics, Bapatla Engineering College, Bapatla-522102, **Andhra Pradesh**, through virtual mode. from **21st to 25th November 2023.**
5. Participated in Faculty development Programme on Cyber Security from 16th September,2019 to 21st September 2019 at K.L.E Society's Jagadguru Tontadarya College Gadag. Karnataka.

Research Papers:

International Research Paper Publication : 10

1. *www.iosrjournals.org IOSR Journal of Mathematics (IOSR-JM) e-ISSN: 2278-5728, p-ISSN: 2319-765X. Volume 19, Issue 3 Ser. 2 (May. – June. 2023), PP 55-57*
spg ω -Continuous Functions in Topological Spaces.
2. *Communications on Applied Nonlinear Analysis ISSN: 1074-133X Vol 31 No. 2 (2024) 248* spg \square **α -Continuous Multifunctions**
3. *International Journal of Mathematics and computer research IssN: 2320-7167 Volume 12 issue 06 June 2024 page No-4324-4328 Weaker forms on separation Axioms.*
4. *Communications on Applied Nonlinear Analysis ISSN: 1074-133X Vol 31 No. 2 (2024)* spg \square **α -Continuous Multifunctions**
5. Book Modeling and Simulation of Fluid Flow and Heat Transfer
(<https://www.taylorfrancis.com/books/mono/10.1201/9781032712079/modeling-simulation-fluidflow-heat-transfer?refId=13c5787a-9f2c-4580-bce5-3ef9184a3676&context=ubx>)
Modeling of ternary nanofluid flow through a diverging porous channel.
6. **Scholarly Research Journal for Interdisciplinary Studies,**
Online ISSN 2278-8808, SJIF 2021 = 7.380, www.srjis.com
PEER REVIEWED & REFEREED JOURNAL, MAY-JUNE, 2021, VOL- 8/65
SGP- LOCALLY CLOSED SETS IN TOPOLOGICAL SPACES (PART -II).
7. Published the paper in the IMRF (INTERNATIONAL MULTIDISCIPLINARY RESEARCH FOUNDATION) Nov 2015 ,on **Application in Topological Space of Polygon Data in Shape files.** VOLUME 4 ISSUE 2 ISSN 2278-8697
8. Published the paper in the **INTERNATIONAL JOURNAL OF CURRENT RESEARCH** On **Wavelet Approximation And Analysis** Vol. 5 ,Issue ,08, pp.2202-2207, **23rd August 2013** , ISSN : 0975-833 X
9. Published the paper in the **UGC approved journal list , Global Journal of Pure and Applied Mathematics:** On Semi Pre Generalized ω α -Closed Sets in Topological Spaces, **ISSN 0973-1768** Vol. 13, pp-7627-7635, Year 2017.
10. Published the paper **In the UGC Approved Journal List, Journal of Information and Computing Science** on: **Biorthogonal Wavelet Preconditioners of Electro hydrodynamic flow problems**, , vol. 12(3), 2017, pp-203-209, **ISSN: 1746-7659.**

International Level Seminars: 04

- 1).Participated and presented the two papers in the **International seminar** on **“Building Research and Innovative Capabilities for Global Competitiveness”** held at G.P. Porwal Science College and PG Study Centre, SINDGI, Karnataka **15th April 2017**
 - 1) Recent Developments in Mathematics
 - 2) Innovative Research in Nano-Technology
- 2) Presented the paper on “Application in Topological Space of Polygon Data in Shape files”. ISBN:978-93-84124-52-6 .Organized by Department of Mathematics, **Trivendriam University of Kerala**. On-26th & 28th Nov.,2015
- 3) Presented the paper on **“Advances applications in topological space”** Organised by **Adichunchanagiri Institute of technology Chikkamagaluru**, Karnataka.On-22nd & 23rd Dec., 2014.
- 4) Presented the paper on **“Threats of Climate Change on Global water, food and economy”** Organized by Department of Geography, Karnataka Science Colleg Dharwad, Karnataka. On-20th & 21st Dec., 2013

National Level Seminars: 16

- 1) Presented the Paper on “ Provide the Platform for Higher Education Institutions to Share Experience on Innovation Strategies.” At One Day National Seminar Organised by K.L.E Society’s Arts And Commerce College Gadag , on 7th March 2019 . **ISSN No : 978-93-5382-547-8.**
- 2) Presented the Paper on “ Fuzzy Logic & its Applications” in the UGC Sponsored National Conference Organized by Department of Mathematics , Karnataka University Dharwad on 1st April 2019 to 2nd April 2019.
- 3) Presented the paper on “ Wavelet Based Solution of differential Equations” on the National Conference organized by The National College in Association with Karnataka Science and Technology Academy , Bangalore on 4th October 2018.
- 4) Presented paper on **APPLICATIONS OF SIGNAL AND IMAGE DE-NOISING IN WAVELET DOMAIN** in the National Conference on Application & Analysis-2018 ,Organised by Department of Mathematics, Karnatak University Dharwad on 9th & 10th March 2018.

- 5) Presented paper On $sgp_{\omega\alpha}$ -Irresolute and $sgp_{\omega\alpha}$ -Closed Functions in Topological Spaces in the National Conference on Application & Analysis-2018 ,Organised by Department of Mathematics, Karnatak University Dharwad on 9th & 10th March 2018
6. Presented the paper on Semi Generalized $\omega\alpha$ -Closed sets in Topological Spaces at Two Days UGC Sponsored National Seminar Conference organized by Department of Mathematic ,Karnatak University Dharwad on 3rd and 4th August 2016
- 7 .Presented the paper on “The Values & Ethics in Higher Education” at Two Days UGC Sponsored National Seminar Conference under IQAC organized by K.L.E.Society’s P.C.Jabin College,Hubballi.On-21st &22nd march 2016.
8. Presented the paper on “Impact on Higher education Institutes of Rural and Semi urban Areas”.ISBN:978-81-930758-3-8 at NAAC Sponsored Two Day National Conference organized by **K.L.E. Society’s G.I.Bagewadi College,Nipani,Karnataka.On-6th &7th Feb.,2015.**
9. Presented the paper on “Advance application in topological space” at Two Days UGC Sponsored **National Conference** organized by Department of Mathematics, Adichunchanagiri Institute of Technology, **Chikkamagaluru,Karnataka. On-22nd &23rd Dec.,2014.**
10. Presented the paper on “Role of higher education in promoting national Integration” at one Day UGC Sponsored National Conference organized by K.L.E Society’s G.H.College, Haveri. Karnatak On-11th Nov.,2014.
11. Presented the paper on “The roll of Mathematical modeling through Algebra” at Two Days UGC Sponsored **National Conference** organized by Department of Mathematics, **K.L.E .Society’s S.Nijalingappa College, Bangalore On-11th Oct., 2014.**
12. Presented the paper on “Impact of climate change on Agriculture” at one Day UGC Sponsored National Conference organized by K.L.E Society’s G.H.College,Haveri. Karnatak On- 22nd Feb.,2014.
13. Presented the paper on “Gender equity & Human rights” at two Day UGC Sponsored **National Conference** organized by K.L.E Society’s G.H.College,Haveri. Karnatak,On- 24th & 25th Jan.,2014
14. Presented the paper on “Numerical Analysis and its Application” at two Day UGC Sponsored **National Conference** organized by Gokhle Centenary College **Ankola, Karnataka. On-10th & 11th Jan.,2014.**
15. Presented the paper on “Diversity in Nano System” at two Day UGC Sponsored National Conference organized by K.L.E Society’s J T College, Gadag, Karnataka. On-5th & 6th April 2013.

16. Presented the paper on “Environmental challenges in Indian Agriculture” at one Day UGC Sponsored National Conference organized by K.S.S. College, Gadag On- 9th March 2014.

State Level Seminars: 02

- 1) Presented the paper on VEDIC MATHEMATICS IN TECHNOLOGY at one Day UGC Sponsored State level Seminar organized by K.L.E Society’s College, Gadag. On-6th September 2014
- 2) Presented the paper on Watershed Management and Developed in rain fed region in Karnataka State” at one Day UGC Sponsored State level Seminar organized by K.S.S. College, Gadag. On-31st March 2011.

Work Shops: 10

- 1) Participated in the **International Workshop** on “Geoinformatics for Disaster Management” organized by Department of Geography, **Shivaji University , Kolhapur, Maharashtra, 4th August 2018.**
- 2) Participated in One Day **NAAC Sponsored National Level** Workshop on “ **Developing trends in Quality Education - The New Journey**” organized by K.L.E Society’s Jagadguru Tontadarya College Gadag. on 23rd February 2019.
- 3) Participated in One Day **State Level Workshop** on “ Criterion Wise Perspectives : Reflections On Recent NAAC Guidelines” at K.L.E Society’s Shri Mrityunjaya College Dharwad , on 29 th August 2019.
- 4) Participated in the Capacity Building Workshop on “**The Role of Skill Development in Higher Education**” , **Organized by RUSA** in association with Karnataka University Dharwad on 24th September 2018 at Dharwad.
- 5) Participated in One Day State Level Workshop on “Use of ICT in Teaching , Learning, and Evaluation Process” Organized by K.S.S. College Gadag on 23rd March 2019.

- 6) Participated in Two days workshop on Integral Transforms and Differential Equations in Engineering Applications Organized by Dept. of Mathematics, B. V. Bhoomaraddi College of Engineering & Technology, Hubballi, on 6th& 7th March 2017
- 7) Participated in One Day state level Work shop on “Algebr Analysis”.organised by Govt. First grade College, Ranebennur. On-7t Oct.,2015 .
- 8) Participated in One Day Work shop on Revised Syllabus for BA/B.Sc Course in Mathematics (Under KUD) organized by Department of Mathematics Kittle Science College,Dharwad.On-8th Sept.,2014.
- 9) Participated in One Day State Level Work shop in “Post Accreditation Quality sustenance” K.L.E Society’s G H College, Haveri.On-16th Aug.,2014.
- 10) Attended the 7days Skill development programme organised by **INFOSYS COMPANY , Mysore. On Oct – 2010.**

Resource Person:

1. Delivered talk on **contribution of Ancient Indian Mathematics** organized by DEPARTMENT of mathematics Government first grade degree college Dharwad on 29.04.2024
2. Delivered talk on **“HISTORY OF INDIAN MATHEMATICS and VEDIC MATHEMATICS”** Organized by Government of Karnataka, Dept of Collegiate Education Shree Jagadguru Tontadarya Govt First Grade College, Mundari. Dist. Gadag. Karnataka.on 28.06.2024.
3. Resource Person on the occasion of **“NATIONAL SCIENCE DAY CELEBRATION”** Organized by J.E Society’s Shri K.A lokapur Arts Science and commerce college Athani ,on **28.02.2023**
4. Delivered Special talk On **“VEDIC MATHEMATICS AND ITS APPLICATIONS”** Organized By J.E. Society’s Shri K.A Lokapur Arts Science and commerce college. Athani on **23.01.2024.**
5. Delivered talk on **“Vedic Mathematics and its Application” & Ramanujan’ Life** and His Work organized on **28.12.2023** by K.L.E Society’s Basavaprabhu Kore Arts, Science and Commerce College Chikodi
6. Delivered talk on “Vedic Mathematics and its Application” on the **online National Level Webinar** organized by Nehru Arts Science and commerce college Hubballi, Karnataka, on 18.06.2021.
7. Delivered talk on **“Vedic Mathematics and its Application” on 28.12.2023** organized by G.A Society’s Lokapur Arts, Science and Commerce College Athani.

8. Delivered a Special Lecture on the Topic “ Differential Calculus- nth Derivatives” Organized by IQAC Sponsored Lecture Series . Sri Siddeshwar Govt First Grade College & PG Centre , Naragund , Dist. Gadag .on 12th September 2019
9. One day State Level seminar on “ Modern Algebra” Conducted By S.A. Arts , Science & Commerce College Naregal, Held on 16th October 2015.
10. For value addition question paper solving workshop on Mathematics for PUC 2nd year students held by Vivekananda Association Gadag on 22nd Jan 2012 at Gadag
11. For PUC Lecturers about the improvement of results in PUC of Gadag & Koppal districts Held on 20th & 21st Oct 2010 at Gadag. Organised by DDPG Gadag
12. Resource Person for JEE/CET/COMED-K and all Competitive Examinations

Served / Serving (College)

- Worked as IQAC co-coordinator in K.L.E Society’s S S M S College Athani, Karnataka
- Served as PUC Principal from Feb 2009 to June 2013
- Worked as PG Coordinator in Mathematics from 2014-2019
- Worked as Library Advisory Committee Convenor from 2017-2019
- Worked as RUSA Coordinator from 2017-2019
- Served as secretary for college “STUDENT’S CONSUMER CO-OPERATIVE SOCIETY LTD”. From 17th Sept 2008 to 20th July 2012
- Served as Student welfare officer of college for the year 2017-18
- Served as secretary for Alumni association of J.T. College Gadag from July 2014 to June 2019

Membership for Various Academies

- Donor life Member KRVP
(Karnataka Rajya Vignyan Parishat) Bangalore.
- Rotarian for ROTARY CLUB (3170) GADAG –BETAGERI
(From 2011 to 2017)
- Member of Kannada Sahity Parishath
- Life member of Dr. S. Radhakrishnan Teacher’s Welfare Association .Mumbai.