

Name : Dr.MANDAKINI N. MUCHANDI
Designation : ASSISTANT PROFESSOR
Qualification : M. Sc., M.Phil., Ph. D.
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Date of joining the Institution : 08-07-2024

Experience :

Teaching	Research
17 Years	10 years

No. of papers published in Conferences:

international	National	State
00	01	00

No. of papers published in Journals:

international	National	State
07	02	00

No. of students guiding for Ph. D. :

Ongoing	Awarded	Total
00	00	00

Responsibilities Shared in the College:

Awards:

- Was awarded with Dr.S.S.Bhoosnurmath gold medal at M.Sc.(Mathematics) for securing highest marks in complex analysis.
- Ranked second to Karnataka University Dharwar at M.Sc.(Mathematics)
- Presented a Research paper at 9th world conference on Applied Sciences, Engineering and Management organized by The American Business School of Paris, France on 17-18th Dec 2020.

Grants received for Research:

UGC/DST : Completed/Ongoing Title:.nil

Grant No.:

Total Grant:

Duration:

Memberships of Academic Bodies: Member of BoS

CONFERENCES:

International

Sl.no.	Name of Seminars, Conferences, Symposia	Year
1.	International conference on VLSI,Signal Processing,Power Electronics,IOT,Communication And Embedded Systems	2023
2.	3 rd International Conference on Recent Trends in Applied and Computational Mathematics	2022
3.	International Conference On Emerging Trends In Applied Mathematics	2022
4.	2nd International Conference on Recent Trends in Applied and Computational Mathematics	2021
5.	International Conference on Sustainable Innovation in Science and Technology	2021
6.	9th world conference on Applied Sciences,engineering and Management	2020
7.	webinar on Spreading Positivity and Hope in Times of Covid-19	2020
8.	International conference on emerging trends in science and technologies for engineering system	2020
9.	Tools and Techniques for Effective Online Teaching and Learning,	2020
10.	“Two Days International Webinar on Complex Analysis and Its Applications”	2020
11.	“Isoperimetric Inequality	2020.
12.	webinar on Graph Theory Applications in Online Social Networks, , on 16th June, 2020.	2020.
13.	FDP on Skill Enhancement for Academicians	2020
14.	International webinar on Discrete Mathematics	2020
15.	Webinar on Interpersonal Skills for Engineers	2020
16.	Webinar titled “Searching for extraterrestrial life”	2020
17.	one week online Certificate Course on DIGITAL TEACHING TECHNIQUES	2020.

18.	Faculty Development Program (FDP) on “System Modeling – Mathematics to Describe Engineering Applications	2020
19.	32nd Annual Conference of Ramanujan Mathematical Society	2017
20.	Two days workshop on “Graph Theory and its Applications for Scientists,Engineers and Mathematics	2017
21.	Faculty development program on “ Research- Integral part of Engineering Education “	2016.
22.	Two Day Workshop for Under Graduate Mathematics Teachers	2015
23.	“Training of Trainers” Programme on HR Intervention	2015
24.	International Conference on “Emerging Trends of Engineering, Science,Management and its Application”	2015
25.	Workshop on “ Professionalism”	2015
26.	FDP on “Mathematical &Computational in Engineering”	2015
27.	23 rd International Conference of Forum for Interdisciplinary Mathematics	2014
28.	FDP on “Research Methodology”	2014
29.	Two day workshop on “Differential Equation &Geometry”	2014
30.	Workshop for Mathematics Faculty SEAM-2013	2013
31.	One day symposium on”Advanced Graph Theory”	2011
32.	Staff development Programme on “High Impact Teaching Skills” KLE MISSION 10X	2010
33.	Two Day Workshop Mathematicsfor Science, Engineering &Polytechnic Lecturers.	2010
34.	One day workshop on”Semigraphs”	2010
35.	Faculty Development Programme”	2010

National

Sr No.	Name of the Conference	Year
1.	National conference on “Pure and Applied Mathematics”	2018
2.	National Conference on Recent Advances in Mathematics	2017
3.	National Conference on “Recent Analysis & Application in Discrete Mathematics”	2015
4.	National Conference on “Applied Mathematics”	2015
5.	One Day National Seminar on “Topology & Mathematical Modelling” on	2014
6.	Two Days National Level Seminar on “The Frontiers of Mathematics and Some Recent Advances”	2014
7.	National conference on Analysis and applications of Mathematics”	2013
8.	National Seminar on Recent Trends in Mathematics & its Application	2014
9.	National conference on “Discrete Mathematics”	2012
10.	Two days National Workshop on P. D. E’s.	2011
11.	Two days National workshop on applications of Mathematics	2010

INVITED SPEAKER/RESOURCE PERSON:

- Invited as subject expertise to conduct interview at VSMIT, Nippani.
- Invited as a Judge for the Interschool ATL Fest “DER NEUERER” 2K22-23.

Publications List: International Journals:

Sr No.	Title and Publication	Year
1.	Title: " Cooperative Sensing Assisted Cross layer QoS Assured Routing in Cognitive Radio Adhoc Networks: Ensuring Security and Privacy. " Authors : Muchandi, Niranjana, Rajashri Khanai, and Mandakini Muchandi. Publisher: <i>International Journal of Intelligent Engineering & Systems</i> 17.1 (2024).	2024
2.	Title: “ Closure, Interior, Neighborhood, Limit Point Of Generalized Maximal Closed Sets In A Topological Space ” Authors: Mandakini Desurkar, Suwarnlatha Banasode Balachandra B Diggewad and Niranjana R Muchandi, Publishers: chapter for the Book <i>Recent Trends in Medical Pharmaceutical (Volume 6)Chapter1471/Vol-6(191-201)</i> .	2022

3.	Title: “Cognitive Radio: Energy Detection Spectrum Sensing Under Awgn And Rayleigh Channel” , publication: <i>Turkish Journal of Computer and Mathematics Education (TURCOMAT)</i> vol. 12 1357-1363	2021
4.	Title: “T-gma separation Axioms” . Authors: Mandakini Desurkar, Balachandra B Diggewadi and Niranjan R Muchandi Publication: <i>Indian Journal of Natural Sciences</i> , vol .13, 1128-1133	2022
5.	Title: “Closure, Interior, Neighborhood, Limit Point Of Generalized Maximal Closed Sets In A Topological Space” Authors: Mandakini Desurkar, Suwarnlatha Banasode Balachandra B Diggewadi and Niranjan R Muchandi, Publication: <i>European Journal of Molecular & Clinical Medicine</i> , vol. 7, 3078-3084.	2020
6.	Title: “Generalized Maximal Closed Sets in Topological Space” Authors: Suwarnlatha Banasode and Mandakini Desurkar Publisher: <i>Annals of Pure and Applied Mathematics</i> , 2018 vol. 16, 413-418.	2018
7.	Title: “Generalized Minimal Closed Sets in Bitopological Spaces ” Authors: Suwarnlatha Banasode and Mandakini Desurkar Publisher: <i>Annals of Pure and Applied Mathematics.</i> , vol 14, 269-276	2017
8.	Title: “Generalized Minimal Homeomorphism maps in Topological Spaces” Authors: Suwarnlatha Banasode and Mandakini Desurkar Publisher: <i>International Journal of Computer & Mathematical Science</i> , Vol 4, Special Issue (March 2015) 209-212.	2015
9	Title: “Generalized Minimal Closed Maps In Topological Spaces” , <i>Proceedings of National Conference on Applied Mathematics, organized by K.L.E. Society’s Gudleppa Hallikeri College, Haveri held on 30th and 31st January 2015. ISBN: 978-81-930850-2-8.</i>	2015
10	Title: “Generalized Minimal Continuous Maps In Topological Spaces” Authors: Suwarnlatha Banasode and Mandakini Desurkar, Publisher: <i>International Research Journal of Pure Algebra</i> , 4(12) (2014) 644-647. (ISSN 2248–9037).	2014