



PERSONAL PROFILE

Name : Dr. Ashok Sahebrao Mhaske

Address : At:Dahigaon, Post: Sheradon, Tal: Nagar , Dist: Ahmednagar, 414002

E-mail Id : mhaske.math@gmail.com

Mobile No : 9420749154

Date of Birth : 02 November 1984

Languages known : Marathi, English, Hindi.

Nationality : Indian

Domain of Research : Fuzzy Mathematics

Marital Status : Married

ACADEMIC PROFILE

Class	Year	University	Percentage	College/School
Ph.D	2018	S. R. T. M. U. N Nanded	Awarded	S. R. T. M. U. N Nanded
NET (Mathematics)	2010	CSIR	Passed	CSIR
M.Sc. (Mathematics)	2007	Savitribai Phule Pune University, Pune	72.80%	New Arts , Commerce and Science College, Ahmednagar
B.Sc. (Mathematics)	2005	Savitribai Phule Pune University, Pune	74.66%	New Arts , Commerce and Science College, Ahmednagar
HSC	2002	Maharashtra State Board	60.77%	New Arts , Commerce and Science College, Ahmednagar
SSC	2000	Maharashtra State Board	79.45%	Jilha Maratha Shriram High School, Dahigaon

WORK EXPERIENCE

Sr. No.	Name of College/Institute	Designation	Duration	
			From	To
1.	Dada Patil Mahavidyalaya, Karjat	Asst. Professor	26/07/2019	Till today

PUBLICATIONS

Sr No	Name of the research paper	Journal Name	Volume	Year/ Month	ISSN /ISBN	Page No	Impact Factor	Type	Link
19	Fuzzy database and Fuzzy logic Using Triangular and Trapezoidal Fuzzy Number for coronavirus disease - 2019 diagnosis	Mathematical Statistician and Engineering Applications	Vol. 71 No. 4	2022	ISSN: 2094- 0343 2326- 9865	8196- 8207		Scopus	https://drive.google.com/file/d/1nXTReKMGHwY7DFUssv9BMK2JCqmTRVu/view?usp=share_link
18	New Methods for Ranking of Trapezoidal Fuzzy to Obtained Optimum Solution to Fuzzy Transportation Problem	Computer Integrated Manufacturing Systems	Vol.28 No.11	Nov 2022	ISSN:100 6-5911 DOI: 10.24297/ j.cims.20 22.11.017	257-264		Scopus	https://drive.google.com/file/d/1mMH3uAfiM2IIJZRqwyS-G1nZusUAeUoQ/view?usp=share_link
17	OPTIMUM SOLUTION TO FUZZY TRANSPORTATION PROBLEM USING DIFFERENT RANKING TECHNIQUES TO ORDER TRIANGULAR FUZZY NUMBERS	Stochastic Modeling & Applications	Vol. 26 No. 3	(January - June, Special Issue 2022 Part - 4	ISSN: 0972- 3641	35-40		UGC CARE APPROVED JOURNAL	https://drive.google.com/file/d/1MmuX6J43oNvsVU1LHooYXrE1xFB0a_i8/view?usp=sharing

16	New Ring and Vector Space Structure of Compatible Systems of First Order Partial Differential Equations	International Journal of Mathematics Trends and Technology	Volume 68 Issue 9,		ISSN: 2231-5373/ https://doi.org/10.14445/22315373/IJMTT-V68I9P509	60-65,		UGC Approved	IJMTT-V68I9P509 (2).pdf
15	OPTIMUM SOLUTION TO FUZZY GAME THEORY PROBLEM USING TRIANGULAR FUZZY NUMBERS AND TRAPEZOIDAL FUZZY NUMBER	Journal of Information and Computational Science	Volume 12 Issue 3	2022	ISSN: 1548-7741	199-211		UGC Care	https://drive.google.com/file/d/1FJfclClKhPwTIT-DeJKHqyQlgvmOkfWo/view?usp=sharing
14	Statistical Analysis of COVID-19 Impact on Indian trade due to the supply chain industry	An International Multidisciplinary Research Journal Genius	Vol 2 Issue 2	Feb July 2022	ISSN 2279 - 0489	18-23	6.631	UGC Approved	https://drive.google.com/file/d/1YWnBJeYYqmlmDehbMYghlh2WOU2bS20o/view?usp=sharing
13	New Group Structure of Compatible Systems of First Order Partial Differential Equations	International Journal of Mathematics Trends and Technology	Volume 67 Issue 9,	September, 2021	ISSN: 2231 – 5373/doi :10.14445/22315373/IJMTT-V67I9P513	114-117		UGC Approved	https://drive.google.com/file/d/1JprjHuwvB68Mm-BRRhAxPZOBNownNrn/view?usp=sharing
12	Fuzzy Transportation Problem By Using Triangular Fuzzy Numbers With Ranking Using Area Of Trapezium, Rectangle And Centroid At Different Level Of α -Cut	Turkish Journal of Computer and Mathematics Education	Vol.12 No.12	May 2021	3941-3951	3941-3951	0.33	UGC Care	https://drive.google.com/file/d/129vBrFiPIbwQFMfuZ5cvn5R/view?usp=sharing

11	Statistical Analysis of Covid-19(SARS-Cov-2) Patients Data of Ahmednagar District, Maharashtra, India	An International Multidisciplinary Research Journal Ajanta	Volume - 10 Issue-2	April-June 2021	ISSN 2277-5730	117-121	6.399	UGC Approved	https://drive.google.com/file/d/1H8VFORHsoR5lhKqwhClFjhJzPGbIOVRD/view?usp=sharing
10	Difference between Fuzzy and Crisp Transportation Problem Using Pentagonal Fuzzy Numbers with ranking by α -cut Method	Journal of Emerging Technologies and Innovative Research (JETIR)	Volume 8, Issue 3	March 2021	(ISSN-2349-5162)	2143-2150	7.95	UGC Approved	https://drive.google.com/file/d/1ehAYcuIdaW43OuJ7zu8T8TmqMpGRtUOg/view?usp=sharing
9	Ranking Triangular Fuzzy Numbers Using Area of Rectangle At Different Level Of α -Cut for Fuzzy Transportation Problem	Journal of Emerging Technologies and Innovative Research (JETIR)	, Volume 8, Issue 3	March 2021	ISSN-2349-5162	2202-2209	7.95	UGC Approved	https://drive.google.com/file/d/1SjNN8R4RpFLgwi7CAp5APdzaVWrf6EpR/view?usp=sharing
8	Fuzzy Transportation Problem by Using Triangular, Pentagonal and Heptagonal Fuzzy Numbers With Lagrange's Polynomial to Approximate Fuzzy Cost for Nonagon and Hendecagon	International Journal of Fuzzy System Applications	Volume 9 • Issue 1 •	January -March 2020	ISSN: 2156-177X DOI: 10.4018/IJFSA.2020010105	112-129	-	UGC Care 2	https://drive.google.com/file/d/1gwdAlFwNMoeYWlScSihD5XwJr3mDDKZi/view?usp=sharing
7	FUZZY UNBALANCED TRANSPORTATION PROBLEM BY USING MONTE CARLO METHOD	Aayushi International Interdisciplinary Research Journal (AIIRJ)	Special Issue No. 25	2018	ISSN 2349-638x	6-10	7.149	UGC Approved	https://drive.google.com/file/d/1J16Zxh2WzDmkPZ8NtsUjI89woSouSA-/view?usp=sharing

6	FUZZY TRANSPORTATION PROBLEM BY USING TRAPEZOIDAL FUZZY NUMBERS	IJRAR- International Journal of Research and Analytical Reviews	VOLUME 5 ISSUE 3	I JULY – SEPT 2018	e ISSN 2348 – 1269 ISSN 2349-5138	261-265	5.75	UGC Approved	https://drive.google.com/file/d/1xDmcSov7EdNvNrOLk_uw7V3-Fjp2qMm9/view?usp=sharing
5	FUZZY TRANSPORTATION PROBLEM BY USING FUZZY RANDOM NUMBER	International Review of Fuzzy Mathematics,	Volume 12, No. 1	June 2017	0973-4392	81-94	-	UGC Approved	https://drive.google.com/file/d/1nh_G97ijBZm-r5kiY3DA3qraK8Dtqq/view?usp=sharing
4	Fuzzy Transportation by Using Monte Carlo method	Advances in Fuzzy Mathematics.	Volume 12, Number 1	(2017)	ISSN 0973-533X	pp. 111-127	-	UGC Approved	https://drive.google.com/file/d/1_RRjiBLv3omIcRQitVG3BjIckCFgNpHR/view?usp=sharing
3	Fuzzy Database and Fuzzy Logic for Fetal Growth Condition	Asian Journal of Fuzzy and Applied Mathematics	Volume 03 – Issue 03,	June 2015	(ISSN: 2321 – 564X)	95-104	0.588	UGC Approved	https://drive.google.com/file/d/1oXof1DNAIGvCrVIDkk_JuqDfO-e2Z9g4/view?usp=sharing
2	Fuzzy Transportation Problem with Error by Using Lagrange's Polynomial	The Journal of Fuzzy Mathematics Los Angeles	Vol. 24, No. 4,	2016	1066-8950	825-832	-	UGC Approved	https://drive.google.com/file/d/1psgvYhXIHoOo1XqfmpzKgMBUY1hyKbTL/view?usp=sharing

1	Fuzzy Linear Programming Problem Using Monte Carlo Method	International Journal of Mathematics Trends and Technology	Volume 8 Number 2	April 2014	ISSN: 2231-5373	Page no. 147-153	2.53	UGC Approved	https://drive.google.com/file/d/1aZ48xzj51zMpZQ_wkiptv_b1Xf4qHLdh/view?usp=sharing
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RESEARCH PROJECT:

Sr. No.	Title	Funding agency	Year
1	Fuzzy Transportation Problem Using Monte Carlo Method	UGC	2015-16
2	Fuzzy Transportation Problem Using Fuzzy Numbers and Fuzzy Random Numbers	Institute (Seed Money)	2020-21

BOOK PUBLICATIONS

Sr. No.	Title of the Book	Publications	ISSN / ISBN No.	Year	Link
1	Group Theory	Success Publications	978-93-24457-52-3	2021-2022	https://drive.google.com/file/d/174bgTQc45UW4xo_mbvnoct6qFVqegdiC/view?usp=sharing
2	Number Theory	Success Publications	978-93-24457-52-5	2021-2022	
3	Ordinary Differential Equations	Success Publications	978-93-24457-52-6	2021-2022	
4	Real Analysis-I	Success Publications	978-93-24457-52-2	2021-2022	
5	Laplace Transform and Fourier Series	Success Publications	978-93-24457-52-4	2021-2022	
6	Fuzzy Transportation Problem	Nitya Publications	978-93-91669-21-8	2021-2022	
Book Chapter					
7	Advances in Computer Science and Information Technology	Bhumi Publication	978-93-91768-28-7	January, 2022	

“New Group Structure of Compatible Systems of First Order Partial Differential Equations”				
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REFRESHER/ORIENTATION/ FDP/WORKSHOP

Sr. No.	REFRESHER/ORIENTATION/ FDP/WORKSHOP	Publications	Date
Orientation			
1	UGC Orientation (HRDC)	Sardar Patel University Vallabh Vidyanagar	08/05/2017 to 04/06/2017
Refresher			
1	Refresher Course In Mathematics	Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching in collaboration with Department of Mathematics, Ramanujan College	31/08/2021 to 14/09/2021
2	Refresher Course In Mathematics	Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching in collaboration with Department of Mathematics, Ramanujan College	16/03/2021 to 30/03/2021
3	Two Weeks Faculty Development Programme On "MANAGING ONLINE CLASSES and CO-CREATING MOOCS"	Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching in collaboration with Department of Mathematics, Ramanujan College	20/04/2020 to 06/05/2020
4	Refresher Course in Environmental Studies	Savitribai Phule Pune University Pune	12/11/2018 to 12/12/2018
SWAYAM/MOOC			
5	Mathematics for Economics -I	Swayam	July to October 2021
6	The Joy of Computing of Using Python	Swayam	July to October 2021
FDP			
7	Awareness workshop NIRF INDIA RANKINGS - 2021 for Higher Educational Institutions	Institute for Academic Excellence in collaboration with Collegiate Education & Technical Education Department, Govt. of Telangana.	18th & 19th January 2021

8	MATLAB based Teaching-Learning in Mathematics, Science & Engineering	Department of Electronics Engineering, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai in collaboration with DesignTech Systems Pvt. Ltd.,	18th to 22nd May 2020.
9	Swami Ramanand Teerth Marathwada University, Nanded	ICT Tools for Effective Teaching Learning	11 th to 16 th May 2020
10	Introduction to MATLAB and its Applications in Climate Smart Agriculture	Centre for Advanced Agricultural Science and Technology (CAAST) for Climate Smart Agriculture and Water Management (CSAWM) Mahatma Phule Krishi Vidyapeeth, Rahuri	April 25-30, 2020
11	Faculty Development Program on “ SCILAB”	S. K. Somaiya College of Arts, Science and Commerce Vidyavihar, Mumbai - 400 077. (Affiliated to University of Mumbai) Department of Information Technology in association with Spoken Tutorial, IIT-Bombay	21st April 2020 to 25th April 2020

SEMINAR/CONFERENCES/WORKSHOPS:

Sr. No.	Date	Seminar/ Conference/ Workshop Title	Participated/ Paper Presented	Level National/ International/ State
1)	07/01/2023	One day online International Multidisciplinary Conference on Sustainable and Innovative Practices in Management, Science, Technology, Humanities and Higher Education	Participated	International
2)	17/12/2022	International Interdisciplinary Conference “Bharatiy Swatantryacha Amrut Mahotsava nimittane” Desh ani Videshatil Vividh Shetratil Purush Kartutvach Yogdan”	Paper Presented	International
3)	23/11/2022	One Day Seminar on “Revised Assessment and Accreditation Framework of NAAC”	Participated	
4)	01/06/2022	Idea cha Avishkar Competition and Exhibition-2022	Participated as Mentor	-

5)	15/09/2022	Avishkar Research Competition 2022-23	Participated as Mentor	
6)	18/01/2022 to 19/01/2022	International Conference on Fractional Calculus - 2022	presented a paper	International
7)	11 /07/ 2021	webinar on “Career Opportunities In Mathematics”	Organized and Participated	State
8)	26 /07/2021	Webinar on Research Opportunities	Participated	State
9)	03 /08/2021	Webinar on “Introduction to Python Programming”	Organized and Participated	National
10)	9 /10/2021	E-Conference on “Importance of Foreign Language In Science and Technology”	Organized and Participated	International
11)	18 /10/2021	“Introduction to Machine Learning With Python”	Participated	District
12)	23 /10/2021	“Intellectual Property Rights (IPR): Patents, Trademarks & copyrights”	Participated	International
13)	28-31 /01/2022	Webinar	Organized and Participated	National
14)	18-10-2021	Introduction to Machine Learning With Python	Participated	District Level Seminar
15)	12-13 /10/2021	Two Days State Level Seminar on Python Programming	Participated	State
16)	25 /03/ 2021	Crisis of covid-19 and India : Implications, Challenges and Remedies	presented paper	National
17)	13 -14 /08/2020	Python Software (Syllabus Restructuring)	Participated	
18)	15-16 /07/ 2020	Fascinating Application of Mathematics In Various Field	Participated	International
19)	13-14 /07/2020	Two Days International Conference on “India-China Relation”	Participated	International
20)	22 , 23 /03/2018	Recent Trends in Science and Technology	Paper Presented	International
21)	11 to 13 /01/ 2018	Pure and applied mathematics	Paper Presented	National Conference
22)	18,20 /12/2017	Reforms in Higher Education : Challenges and Opportunities	Participated	National seminar

23)	10, 11 /02/ 2017	Recent Advances In Mathematics	Paper Presented	National Conference
24)	20 and 21 /01/ 2017	National Workshop on Mathematical Software	Participated	Workshop
25)	28, 29 /09/ 2016	New Dimensions in Mathematics	Participated	State level
26)	21-22 /03/ 2016	Recent Trends In Mathematics and Statistics with Application to Commerce, Economics, Finance and Management	Paper Presented	National Conference
27)	3-4 /02/ 2016	Recent Trends In Mathematics	Participated	State level
28)	18-19 /12/ 2015	Recent Trends In Mathematics	Paper Presented	National Conference
29)	18,19 /08/ 2015	Recent Trends In life Science	Poster	National Conference
30)	20-21 /02/ 2015	Role Of Mathematics in Science Engineering and Technology.	Paper Presented	National Conference
31)	22 & 23 /01/ 2015	Recent Trends In Information Technology	Paper Presented	State level seminar
32)	24 /12/ 2013	Restructuring S Y B Sc syllabus	Participated	Workshop
33)	14,15 /03/ 2013	Green Approach in Applied Science.	Participated	National seminar

Co-curricular Activities

- ❖ Guest Lecture for M.Sc Mathematics Students on the topic “Fuzzy Mathematics” at YOGESHWARI MAHAVIDYALAYA. , AMBAJOGAI. DIST. BEED
- ❖ Guest Lecture for on the topic “Career Opportunities In Mathematics” at Rayat Shikshan Sanstha’s Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
- ❖ Resource Person”NET/SET Exam Guidance” Workshop N.E.S. Science College Nanded