

PERSONAL PROFILE

1	FULL NAME (Block Letters)	DR.REKHA VIJAYRAO KENE
2	QUALIFICATION	M.Sc.,M.Phil., Ph.D, B.Ed.
3	DESIGNATION	Head & Assistant. Professor
4	DEPARTMENT	Mathematics
5	COLLEGE	Rajarshee Shahu Science College, Chandur Rly
6	DATE OF BIRTH	02-05-1977
7	DATE OF JOINING	26-08-2019
8	RESIDENTIAL ADDRESS	Samta Colony, Kathora Road, Amravati
9	CONTACT No.	8080949725
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11	SPECIALIZATION	Integral Transform

PUBLICATIONS

A. DETAILS OF BOOKS / MONOGRAPH PUBLISHED & EDITED:

<u>Sl. No.</u>	<u>TITLE OF THE BOOK / MONOGRAPH</u>	<u>NAME OF THE PUBLISHER</u>	<u>YEAR & VOLUME OF PUBLICATION WITH ISBN NUMBER</u>
1	Elements of Algebra	Gyanpath	2023
2	Differential Equations (Ordinary and Partial)	Sonu Nilu Publication	2022
3	Some Properties and Inversion Theorem of Generalized Mellin Whittaker Transform,	Research Trends in Mathematical and Statistical Science, Bhumi Publication	2021 978-93-88901-17-8

B. DETAILS OF RESEARCH ARTICLES PUBLISHED IN REFREED JOURNALS :

Sr. No.	Title of the Paper	Name of Author	Name of Journals	Publisher	Vol. No	Page No	Year	Impact Factor	ISSN No.
1.	A Differential Equation Analysis of Pandemic Disease Spread	R.V.Kene	Multidisciplinary International Research Journal	B.Aadhar' Peer-Reviewed and Refeed Indexe	Issue NO, 287 (CCLX XXV)	53-56	2021	7.675	<i>ISSN : 2278-9308</i>
2.	Inversion Formula for Local Fractional Mellin –Fractional Double Laplace Transform	R.V.Kene	International Journal of Research and Analytical Reviews	Atman Research Centre co-published by Atman Publishing Academy, Gujarat.	Vol.8 Issue-1	288-290	2021	5.75	<i>E-ISSN: 2348-1269</i>

3.	Some Properties of Local Fractional Mellin –Fractional Double Laplace Transform	R.V.Kene	Aryabhatt Journal of Mathematics and Informatics	IJMR Publication in association with ARYAN RESEARCH AND EDUCATIONAL TRUST	Vol. 12 No. 2	173-180	2020	5.856	ISSN: 0975-7139
4	Some Properties of Generalised Mellin-Whittaker Transform	R.V.Kene & A.S.Gudadhe	Int. J.Contemp. math Sciences	Hikari Limited	7(10)	477-488	2012	0.224	ISSN: 1312-7586
5	On Asymptotic Expansion of Generalized Mellin-Whittaker Transform.	R.V.Kene & A.S.Gudadhe	Scientific. Reviews and Chemical Communications	Trade Science	2(3)	289-292	2012	3.011	ISSN: 2277-2669
6	Representation Theorem for the Distributional Mellin-Whittaker Transform	R.V.Kene & A.S.Gudadhe	Journal of Applied Mathematics and Bioinformatics	Scientific Press International	2(1)	81-XX	2012	1.327	ISSN: 1792-6602
7	Abelian Theorem for Generalized Mellin-Whittaker Transform	R.V.Kene & A.S.Gudadhe	IOSR Journal of Mathematics		1(4)	19-23	2012	7.583	ISSN: 2278-5728
8	On Generalized Finite Mellin Transformation	R.V.Kene & A.S.Gudadhe	Global Journal of Theoretical and Applied Mathematics Sciences	Research India Publication	2(1)	47-54	2012		ISSN: 2248-9916

9	Generalized Fractional Mellin-Whittaker Transform	R.V.Kene & A.S.Gudadhe	International Journal of Mathematics Research	International Research Publication House	4(5)	535-540	2012	1.08	ISSN: 0976-5840
10	Inversion Theorem for Generalized Finite Mellin-Whittaker Transform	R.V.Kene & A.S.Gudadhe	Acta Ciencia Indica	Pragati Prakashan	M(3)	XXXVIII	2012		ISSN: 0970-0455
11	Mellin Whittaker Transform and its Application	R.V.Kene & A.S.Gudadhe	Vidarbha Journal of Science	GVISH	7(3)	1-5	2012		ISSN: 0973-8932
12	Topology of the Spaces of Mellin-Whittaker Transformable Distribution	R.V.Kene & A.S.Gudadhe	Journal of science and arts	The Scientific Committee, Institute of Multidisciplinary research for science and Technology, Romania	1(17)	453-458	2011	0.675	ISSN: 1844-9581
13	On Distributional generalized Mellin-Whittaker Transform	R.V.Kene & A.S.Gudadhe	Aryabhata Res. J. of Physical Sciences.	Bihar V K S University	12(5)	45-48	2009		ISSN: 0972-2432

C. YOUTUBE VIDEOS, ONLINE COURSES & MOOC COURSES CREATED / COMPLETED:

<u>Sr. No.</u>	<u>YEAR</u>	<u>TITLE OF THE TOPIC CREATED / COMPLETED BY USING YOUTUBE VIDEOS, ONLINE COURSES & MOOC</u>	<u>LINK</u>
1	2021-22	Congruence	https://drive.google.com/file/d/1ugVbNqGZpBUKr9jUumT-MNs9lt4Dnqtz/view?usp=share_link

2	2021-22	Matrix	https://drive.google.com/file/d/1Tdvmh9rQCzxcbmWdpJGOpBuROfwTik8Q/view?usp=sharing
3	2020-21	Modules of Bridge Course	https://docs.google.com/document/d/1q-6gAmgKUCx8yukFDG1MScpekhhk-C5tJ/edit?usp=sharing&ouid=112870429795593733960&rtpof=true&sd=true
4	2020-21	Set Theory	https://youtu.be/8yHkAnZ-EQE

ACADEMIC PARTICIPATION & PRESENTATION

A. PARTICIPATION @ STATE / NATIONAL / INTERNATIONAL – CONFERENCE / SEMINAR / WORKSHOP / SYMPOSIUM:

<u>S.L. NO.</u>	<u>DATE</u>	<u>TITLE OF STATE / NATIONAL / INTERNATIONAL – CONFERENCE / SEMINAR / WORKSHOP / SYMPOSIUM</u>	<u>VENUE</u>
2023-24			
1			
2			
2022-23			
1	06/08/2022	Workshop on Research organized by Internal Quality Assurance Cell & Department of Mathematics	Sant Gadge Baba Amravati University , Amravati
2	16/07/ 2022	“NAAC Preparation: Quality Enhancement Techniques” organized by Internal Quality Assurance Cell of Gopikabai Sitaram Gawande Mahavidyalaya, Umarkhed	Online
2021-22			
3	14/01/2022	National Level Webinar On Opportunities In R&D and Scientific Organization	Online
4	31/08/2021	State Level Workshop on e-Content Development : SWAYAM, e-PG Pathshala & Vidya-Mitra organized by Library Department & IQAC, Rajarshee Shahu Science College, Chandur Rly	Online
5	29 & 30 /10 2021	Two Days National Webinar on Teaching Methodologies jointly organized by Rajarshee Shahu Science College Chandur Rly, Jagadamba Mahavidyalaya Achalpur City & Vinayak	Online

		Vidnyan Mahavidyalaya Nandgaon Khandeshwar in association with IQAC Cluster India	
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2020-21			
6	31/07/ 2020	University Level online workshop of NSS	Online
7	6/10/2020	National Webinar on “ Overcome your fear for Mathematics with Dr.H.K.Pathak” organized by Shri Vaishnav Institute of Management, Indore(M.P)	Online
8	15/07/2020 to 17 /07/2020	Online International lecture series “ Bridging Research Perspective-2020 organized by research group GVISH,Amravati.	Online
9	7/07/2020 - 8/07/2020	Two Days National online workshop on Designing and implementation of outcome Based Education (OBE)Model Organised by Muktanand college,Gangapur in collaboration with IQAC ,Dr.Babasaheb Ambedkar Marathwada	Online
10	27/03/2021	National e-Conference on Recent Mathematical Innovation and Skills in 21 st Century organized by Department of Mathematics IQAC, S.G.B.A. University and R.D.I.K and K.D. College, Badnera Amravati	Online
11	26 /05/ 2021	Webinar on Blended Teaching and Learning: A Joyful Experience Jointly organized by Vinayak Vidnyan Mahavidyalaya Nandgaon Khandeshwar, Rajarshee Shahu Science College and Jagadamba Mahavidyalaya ,Achalpur City	Online
12	28 & 29/05/21)	Two days Webinar on Laboratory Management System Jointly organized by Vinayak Vidnyan Mahavidyalaya Nandgaon Khandeshwar, Rajarshee Shahu Science College and Jagadamba Mahavidyalaya Achalpur City	Online
13	26/06/2021 to 28 /06/ 2021	Three Days online workshop on “ Advance gardening techniques and Management “ organized by Amravati Garden Club	Online
14	29/07/2021	One Day International Webinar on Tiger Day organized by Department of Zoology Rajarshee Shahu Science College, Chandur Rly	Online

2019-20			
15	05-06 /12/ 2019.	National Workshop on Recent Research Trends in Mathematics	Department of Mathematics,GVISH, Amravati
16	08/05/2020	Online Faculty Development Programme on Examinations in wake of COVID-19 organized by Department of Commerce Patrician College, Chennai	Online
17	16 /05/2020.	National Level Webinar on Copyright Laws, Licensing of E-Contents and Fair use of open educational resources -.	Online
18	17 & 18/05/2020	Two day online national level workshop on LMS E-Content Development organized by IQAC and Department of computer science of Bhusawal Arts,Science & P.O. Nahata commerce college, Bhusawal on	Online
19	28/05/2020	Workshop on 'Unveiling Intellectual Property Rights' organized by Rajarshee Shahu Science College, Chandur Railway on Google Meet app at 4pm to 6.30 pm	Online
20	1 to 3/06/2020	National e-Webinar on 'Conquering less attended areas in NAAC and Outcome Base Education' organized by IQAC Cluster India & White code technology solution Pvt. Ltd. In Collaboration with Shri Jagdamba Vinkar Shikshan Sanstha Achalpur's Jagdamba Mahavidyalay Achalpur and Rajarshee Shahu Science College, Chandur Railway on Zoom app	Online

B. RESEARCH PAPER / ARTICLE PRESENTATIONS @ STATE / NATIONAL / INTERNATIONAL – CONFERENCE / SEMINAR / WORKSHOP / SYMPOSIUM:

<u>Sl. No.</u>	<u>DATE</u>	<u>TITLE OF THE RESEARCH PAPER / ARTICLE SUBMITTED</u>	<u>VENUE</u>	<u>Organizer</u>	<u>STATE / NATIONAL / INTERNATIONAL – CONFERENCE / SEMINAR / WORKSHOP / SYMPOSIUM</u>	<u>JOURNAL NAME & ISBN / ISSN No.</u>
1	27/03/2021	Application of Differential Equation in Spread Rate of Covid-19	Online	Department of Mathematics IQAC, S.G.B.A. University and R.D.I.K and K.D. College, Badnera Amravati	National e-Conference on Recent Mathematical Innovation and Skills in 21 st Century	-
2	23/03/2021	A Differential Equation Analysis of Pandemic Disease Spread,	Online	Rajarshee Shahu Science College, Chandur Rly	One Day Multidisciplinary E-conference on “Research in Science and Technology for Sustainable Development”	ISSN NO.-2278-9308
3	13/02/2020 to 16/02/2020	Fractional Mellin and Fractional Double Laplace Transform	RTM Nagpur University, Nagpur	RTM Nagpur University, Nagpur	International Conference on advances in physical, chemical and mathematical sciences	-

TRAINING PROGRAMMES

<u>Sr. No.</u>	<u>Course details</u>	<u>Name of the Course</u>	<u>Organizer/Sponsoring Agency</u>	<u>Duration From To</u>	
1	Refresher Course	“Skills for New Educational Architecture”	AICTE-SWAYAM, ARPIT-2020	01/12/2020	31/12/2020
2	Faculty development programme	Two weeks faculty development programme of ‘ Managing Online Classes and Co-creating MOOCs organized by Teaching learning centre, Ramanujan College, Delhi -	Govt.of India MHRD PMMMNMTT	20/04/2020	06/05/2020
3	Induction course	4 Weeks Faculty Induction / Orientation	Govt.of India	04/06/2020	01/07/2020

		Programme organized by Teaching learning centre, Ramanujan College, Delhi -	MHRD PMMMNMTT -		
4	One Week National Online Faculty Development Program on	ICT Tools for Effective Teaching Learning	Swami Ramanand Teerth Marathwada University,Nanded	27/04/2020	02/05/2020
5	One week National FDP.	One week National FDP and online training on Scilab organized by	Rajarshri Shahu Mahavidyalaya, Latur and Spoken Tutorial Project IIT, Bombay Sponsored by PMMMNMTT	1/05/2020	07/05/202

ACADEMIC PERFORMANCE

A. INVITED AS RESOURCE PERSON @ WORKSHOPS / SEMINARS / CONFERENCES / SYMPOSIUMS & SPECIAL / GUEST LECTURES DELIVERED:

<u>Sl. No.</u>	<u>DATE</u>	<u>WORKSHOPS / SEMINARS / CONFERENCES / SYMPOSIUMS</u>	<u>VENUE / ORGANISERS</u>	<u>Responsibility</u>	<u>TITLE</u>
1	29/04/2023	Ramanujan Lecture Series	Department of Mathematics, GVISH, Amravati	Resource Person	Research Scope in Mathematics
2	28/02/2021	Badge Making Competition on National Science Day	Rajarshee Shahu Science College, Chandur Rly	Jury Member	
3	06/02/2020	State Level Seminar Competition for students on “Current Trends in Educational Development’	G.S.College, Khamgaon	Jury Member	
4	01/02/2020	Poster Competition on the occasion of Wetland Day	Department of Botany,Rajarshee Shahu Science College, Chandur Rly	Jury Member	
5	17/09/2019	Workshop	Adarsha College, Dhamangaon Rly	Resource Person	“Application of Equation editor in Mathematics”

B. WORKSHOPS / SEMINARS / CONFERENCES / SYMPOSIUMS / SPECIAL / GUEST LECTURES & OTHER EVENTS ORGANISED:

<u>Sl. No.</u>	<u>DATE</u>	<u>WORKSHOPS / SEMINARS / CONFERENCES / SYMPOSIUMS / SPECIAL / GUEST LECTURING</u>	<u>VENUE</u>	<u>THEME</u>	<u>RESPONSIBILITY</u>
1	23/12/2021	Guest Lecture	Online on Google Meet	Guest Lecture of Alumni on Mathematics	Convener
2	23/03/2021	One Day Multidisciplinary E-conference	Online on Zoom Platform	“Research in Science and Technology for Sustainable Development”	Convener
3	30/05/2021	workshop	Online on Zoom Platform	“Stress_Management”	Convener
4	12/03/2021	National Webinar	Online on Zoom Platform	Women’s Safety at Workplace and Management of Stress in Life	Co-Convener
5	22/12/2020	Webinar	Online on Google Meet	"Language of Mathematics" on the eve of National Mathematics Day	Convener
6	03/01/2020	Workshop	Rajarshee Shahu Science College	‘Workshop on Equation Editor in Mathematics’	Convener
7	07/10/2019	Guest Lecture	Rajarshee Shahu Science College	“Algebra”	Convener

MEMBERSHIP IN ASSOCIATIONS

INTERNATIONAL / NATIONAL / STATE LEVEL /UNIVERSITY LEVEL ACADEMIES / ORGANISATIONS ASSOCIATED WITH:

<u>Sr. No.</u>	<u>NAME OF THE ACADEMY / ORGANISATION</u>	<u>POSITIONS HELD</u>
1	NUTA	Member
2	Indian Science Congress	Member
3	Mathematics Teacher's Association	Member

UNIVERSITY EXAMINATION WORK & OTHER DETAILS

- 1) Exam Officer of University Examination for winter 2022 .
- 2) Answer Script Valuation of University Examination since 2019.

SOCIAL PARTICIPATION

- a) Organized Blood donation camp on 11/08/2019
- b) Organized Eye Check-up and Surgery Camp on 05 & 06/08/2019 at Rural hospital Chandur Rly and Dhamangaon Rly.
- c) Eye Checkup camp and Tree Plantation , Date:11/08/21
- d) Blood donation camp (Date:11/08/20)
- e) Health check up camp (Date: 18/12/2020)
- f) COVID-19 Vaccination camp (Date:-30/10/2021& 10/01/2022)
- g) Visit to Matoshri Vridhhashram & organized program of Grains Donation (Date:-23/02/2022)
- h) Health check up camp (Date: 08/03/2022).
- a) Dental Checkup Camp (Date:- 16/01/2023)

EXTENTION ACTIVITIES

- a) Environmental Awareness Through Eco-friendly Ganesh Idol Stall
- b) Workshop on Preparation of Ecofriendly Holi Colours (Date:- 6/03/2023)
- c) Tree Plantation at Kalamjapur (Date:-24/09/2021)

ANY OTHER INFORMATION

Worked as a Editor –

Name of Journal	Publisher	Year
. “Research in Science and Technology for Sustainable Development”	B. Aadhar Journal Peer-Reviewed & Refreed Indexed Multidisciplinary International Research Journal	April -2021 Issue No 287

Signature of the Teacher

Signature of the Principal