BIODATA

:: **Name of Institute: Anandrao Dhonde Alias Babaji Mahavidyalaya, Kada.**

Full Name	**Dr, Dattatray Shankar B**odkhe
Name of Post	**Sarate wadgaon**
Subject	**Mathematics**
Specialisation	**Integral transform**
UG/ PG Teacher	**UG and PG**
Address & Contact Details	**Plot no.42,Audumbar Bangla , Lekha Nagar, Juna Malvi Pimplegaon Road, Savedi, Ahmednagar,414003**
Gender	**Male**
Date of Birth	**04/07/1966**

:: **Educational Qualification**

Name of Exam	Board/University	Passing Month-Year	Stream/Subject	% or Grade Point
Ph.D.	**Aurangabad**	**29 August 2016**	**Mathematics**	**Awarded**
M.Sc.	**Pune**	**1992**	**Mathematics**	**58%**
B.Sc.	**Pune**	**1990**	**Mathematics**	**56%**
H.S.C.	**Pune**	**1987**	**Eng, Mar, PCMB**	**43.83%**
S.S.C.	**Aurangabad**	**1985**	**General Subjects**	**62.42%**

:: Research Paper Published in Journals/e-Journal

Year of Publication (From 2022 to Joining Date)	Title of the paper	Authors	Name of Journal with ISSN/ ISBN No.	Volume/Issue/ Page No.	Index and Impact Factor
2020-21	On Solution of Homogeneous Liouville Fractional Differential Equations By Sumudu Transform	Principle Author	**The International journal of analytical and experimental modal analysis** **ISSN NO: 0886-9367**	**Volume XII, Issue VIII, August/2020 Page No. 558-570**	Peer reviewed I.F. 6.3
	The Solution of Miller-Ross sequential Fractional Differential Equations By Sumudu Transform	Principle Author	**International Journal of Scientific Research in Engineering and Management (IJSREM)** ISSN: 2582-3930	**Volume: 04 Issue: 11 |Nov - 2020. Page No. 1-11**	Peer reviewed
	Method of Solving Fractional Differential Equations By Samuda Transforms	Principle Author	GIS SCIENCE JOURNAL ISSN NO : 1869-9391	VOLUME 7, ISSUE 12, 2020 Page No.1566-1574	Peer reviewed I.F. 6.1
	Samuda Transforms and the Mittag-Leffer Function	Principle Author	GIS SCIENCE JOURNAL ISSN NO : 1869-9391	VOLUME 8, ISSUE 1, 2021 Page No.424 - 432	Peer reviewed I.F. 6.1
	Comparative Study Between Riemann-Liouville & Caputo fractional Derivatives	Principle Author	Compliance Engineering Journal ISSN NO : 0898-3577	VOLUME 12, ISSUE 4, April 2021 Page No.537-543	Peer reviewed I.F. 6.2
	Caputo Fractional Derivative And Its Applications To Fractional Differential Equations By Transform Method	Principle Author	Science, Technology and Development ISSN : 0950-0707	VOLUME X, ISSUE V, May 2021Page No.428- 434	Peer reviewed I.F. 6.1

	Riemann-Liouville Fractional Derivative And Its Applications To Fractional Differential Equations By Transform Method	Principle Author	Journal of Huazhong University of Science and Technology ISSN-1671-4512	VOLUME 50, ISSUE 5, May 2021 Page No.01- 09	Peer reviewed I.F. 6.2
2019-20	Exact Solution of Linear Fractional Differential Equations by Sumudu Transform	Principle Author	*Studies in Indian Place Names* **ISSN: 2394-3114**	**Vol-40-Issue-55-March - 2020** *Pages 507-514*	**Peer reviewed**
2018-19	An effective use of ICT in teaching and learning evaluation	Principle Author	**Research Journey International Multidisciplinary E- research Journal ISSN: 2348--7143**	**Page no. 132-135 Dec. 2019**	**Peer Reviewed I.F. 6.625**
	Application of Sumudu Transform In Cryptography	.D.S.Bodkhe & Dr. S.K. Panchal	Elsevier journal ISBN NO- 978-93-5107--261-4	**Pages No.** From 928 To 931 July 2014	**Peer reviewed**
	Use of Sumudu transform and Applications	D.S.Bodkhe & Dr. S.K. Panchal	Bulletin of marathwada Mathematical Society ISSN NO.0976-6049	**Pages No.** From 1 To 6 June 2015	**Peer reviewed**
	On Sumudu transform of fractional derivatives and its applications to fractional differential equations	D.S.Bodkhe & Dr. S.K. Panchal	Asian Journal of Mathematics and Computer Research ISSN No. 2395-4205	**Pages No.** From 69 To 77 Jan. 2016	**Peer reviewed**
	on the solution of some fractional differential equations by Sumudu transform	D.S.Bodkhe & Dr. S.K. Panchal	International journal of Scientific and Innovative Mathematical Research ISSN NO. 2347-307X	**Pages No.** From 615To 619 July. 2017	**Peer reviewed**

	The solution of Caputo fractional differential equations by Sumudu transform	D.S.Bodkhe & Dr. S.K.	Proceeding of NCRTM-2016 ISBN No. 97-81-932712-0-9 .	**Pages No.** From 20To 27 Jan. 2017	

:: Refresher /Orientation / Short Term Courses/FDP Attended

Name of the Course	Place	Duration	Sponsoring Agency
Orientation course	Dr. B. A. University Aurangabad	02/05/1995 to 27/05/1995	Academic Staff College , A'bad
Refresher course	Mathematics Dept.Aurangabad	15/011/1999 to 14/12/1999	Dr. B. A. University Aurangabad
Refresher course	New Arts, Science College, A'nagar	29/10/2003 to 18/11/2003	Pune University Pune
Refresher course	Mathematics Dept.Goa University	31/01/2006 to 20/02/2006	Goa University, Goa
Faculty Development Program on Cyber Security	Smt. S. K. Gandhi Arts, Amolak Science & P.H. Gandhi Commerce College, Kada.	02/12/2019 to 07/12/2019	Shivaji University, Kolhapur (PMMMNMTT of MHRD)
Faculty Development Program on Scilab	Rajarshri Shahu Mahavidyalaya,Lature and Spoken Tutorial Project, IIT Bombay. (PMMMNMTT.)	01/05/2020 to 07/05/2020	Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching.
Faculty Development Program on " ICT Tools for effective Teaching Learning"	Swami Ramanand Teerth Marathwada University ,Nanded.	11/05/2020 to 16/05/2020	Swami Ramanand Teerth Marathwada University ,Nanded.
Faculty Development Program on " R Software"	Thakur College of Science& Computer	18/05/2020 to 25/05/2020	Spoken Tutorial Project, IIT Bombay. (PMMMNMTT.)
Faculty Development Program on " Evolution from Offline to Online Teaching"	Satish Pradhan Dnyanasadhana College, Thane.	30/05/2020 to 03/06/2020	Yashwantrao Chavan Maharashtra Open University , Centre Mumbai.

:: Working Experience:

Name of Employer	Designation	Nature of Post	From-To
Dr, Dattatray Shankar Bodkhe	Associate Professor	Full Time	27/07/1993 To Till date

:: Research Publications- Books, Chapters, Articles.

Book/ Chapters/ Articles	Title of Book	Publisher Details with ISSN/ISBN	Published Year	Sole/ Co-author
Book	Integral Transform & Its Applications Nil	Novateur Publications, 466, Sadashiv Peth, Pune . 411030 (M.S.) 978-93-90753-35-2	2021	Dr. G. S. Jagtap

:: Research Guides and their Students

Sr. No.	Name of the Research Guides	Name of the Student	Date of Confirmation	Name of Research Topic	Status
1	Dr. D. S. Bodkhe	Chauhan V. S.	Oct 2021	Some Fuzzy Differential Equations & its Applications	On going
		Mrs. Gaddam M. M.		Study of Some Integral Transform and Their Applications	
		Mrs. Jirewar S. G.	19/03/22	A Study on interative methods of numerical fractional Differential Equations	

:: Paper Presentation Details :

Sr. No	Title of the paper	Level	Venue	Date
1	Application of Sumudu transform in Cryptography	International	Chennai	17-19 July, 2014
2	Sumudu transform and the Mittag-Leffler function	National	M. S.P. Mandal's Deogiri College, Aurangabad.	23-25 Dec,2014
3	Contribution of Sumudu transform for Cryptography	National	Science College, Nanded	09-11 Jan, 2014
4	Application of Sumudu transform in Cryptography	National	Vaijapur	27-28 Sept 2013
5	On the solution of some fractional differential equation by Sumudu transform	State	Aurangabad	12-13Mar 2015
6	The solution of Caputo fractional differential equation by Sumudu transform	National	Beed	21-23 Jan 2016
7	Solution of the fractional differential equation by using Sumudu transform and its application	National	Tuljapur	15-16 July 2016
8	On Solution of Homogenous Liouville Fractional Differential Equations by Sumudu Transform Method.	International	Latur	5-9 Mar.2017
9	The solution of Miller-Ross Sequential fractional differential equations by Sumudu transform	International	Jaipur, Rajasthan.	6-8 July 2018
10	Exact solution of some Linear fractional differential equations by Sumudu transform	National	Malegaon. Nashik	27 - 29 Dec 2018
11	The solution of the fractional differential equation by using Sumudu transform	National	Jalander Punjab	3-7 jan 2019
12	Exact solution of some Linear fractional differential equations .	National	Georai Beed	16 Feb 2019
13	Role of NAAC in the Educational Development of Higher Education in India.	National	Ashti	14-15 Sept 2019
14	NAAC: Revised Accreditation Framework and Quality Improvement Strategies in Higher Education.	National	Kada	20-21 Dec 2019
15	The solution of M.R. sequential fractional differential equations using Sumudu transform	National	Kada	16 – 18 Jan 2020
16	The solution of homogeneous Liouville fractional differential equations by transform method	International	Hyderabad	21-22 Dec. 2021

:: Details of Conference / Symposium / Workshop Attended :

Sr. No.	No. of workshop Attended	No. of State Seminar Attended	No. of National Conference Attended	No. of International Conference Attended	Total
1	03	10	25	06	44

:: Conferences / seminars, symposia and workshop organized as convener/ coordinator

Sr. No.	Designation	Name of the Conference / Seminar	Level	Period
1	Convener	Recent development in graduate and postgraduate mathematics	State	27 – 28 Jan.2008
2	Convener	Recent trends In Mathematics and Its Applications	National	16-18 Jan.2020
3	Convener	New Trends In Mathematics and Its Applications	National	22 Dec. 2021

:: Life Membership on various Associations

- **Indian Science Congress**
- **Marathwada mathematical Society, Aurangabad**

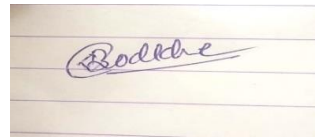 **:: Member of Editorial Board : No**

:: Awards and Recognitions received

Sr. No	Name of the activity	Name of the Awards/ Recognition	Name of the Awarding government/ government recognized bodies	Year of award
1	**State level workshop**	**Best paper awards**	**Dept. of mathematics, Dr. BAMU , Aurangabad.**	**2015**

:: Student related co-curricular, extension & field based activities :

:: Participation in academic & administrative committees & responsibilities.

- Board of Studies in Mathematics Dr. BAM University, Aurangabad.
- Chairman of Paper setting of B. Sc. I year
- Member of Redressal committee Dr. BAM University, Aurangabad
- Member of IQAC

Dr. D.S. Bodkhe

(Associate Professor)

Head Department of Mathematics