

Curriculum Vitae



Name : Mr. Sanjay Ambadas Salve

Qualification : M.Sc. (Mathematics), B. Ed., NET.

Designation : Assistant Professor & Head, Dept. of Mathematics

College : Shri Shivaji Science and Arts College, Chikhli,
Dist. Buldhana 443 201

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Nagar, Yelgaon Parisar, Chikhli Road, Buldhana 443 002

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Date of Birth : 30/06/1977

Date of joining : 04/04/2012

Nationality : Indian

Academic Qualification Details :

Examination Passed	College/ Institute	Board / University	Subject / Specialization	Year of Passing	Division / Grade
S.S.C.	S.V.M., Aurangabad	Aurangabad	Eng., Mar, Hindi-Sans, Science, Social Science, Mathematics	1992	I
H.S.S.C. (10+2)	V. N. Mahavidyalaya, Aurangabad	Aurangabad	Eng., Mar., Phy., Chem., Bio, Math.	1995	II
B.Sc.	V. N. Mahavidyalaya, Aurangabad	Dr. B.A.M.U., Aurangabad	Physics, Electronics, Mathematics	1998	I
M.Sc.	M. A. College, Aurangabad	Dr. B.A.M.U., Aurangabad	Mathematics	2002	II
NET	-	CSIR	Mathematical Sciences	June - 2011	AIR - 91
GATE	-	-	-	-	-

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Experience: Teaching : 10 Yrs.

Research : 08 Yrs.

Ph.D. Thesis Title : Investigations of Cosmological Models of the Universe with Deceleration Parameters in Theories of Gravitation

Ph.D. Supervisor : Dr. Vilas B. Raut (Principal, Mungsaji Maharaj Mahavidyalaya, Darwha, Dist. Yavatmal, Maharashtra)

Area of Research : Relativity, Cosmology, Modified theories of gravity.

Paper Published : 19

Paper Presented : International 10 National 12

Invited Talk & Guest Lectures : 04 & 03

Conference/Workshop Attended : International 04 National 19

Research Project : 01 (Submitted)

(Minor Research Project)

Research Patent : 01 (Published)

Position Held : Head of the Department

Google Scholar Link : <https://scholar.google.com/citations?user=WWYCGdoAAAAJ&hl=en>

RESEARCH PROFILE

1. Research Papers published in Journals:

Sr. No	Title	Name of Authors as mentioned in paper	Journal, Vol. No., Page No. Year	Impact Factor if any	ISSN/ ISBN No.
1	(n + 2) Dimensional Kaluza-Klein String Cosmological Model in Brans-Dicke Theory of Gravitation	H. R. Ghate, Atish S. Sontakke, Sanjay A. Salve	International Journal of Phys. & Math. Sciences, Vol. 4(1), pp. 202-208, 2014	--	ISSN: 2277-2111
2	Kaluza-Klein Dust Filled Universe with Time Dependent Λ in Creation Field Cosmology	H. R. Ghate, Sanjay A. Salve	Research Journal of Recent Sciences Vol. 3 (ISC-2013), pp. 53-57, 2014.	--	ISSN: 2277-2502
3	N- Dimensional Kaluza-Klein Dust Filled Universe with Time Dependent Λ in Creation Field Cosmology	H. R. Ghate, Atish S. Sontakke, Sanjay A. Salve	Mathematical Sci. Int. Res. Jour Vol. 3, Issue 1, pp. 34-38, 2014	--	ISSN: 2278-8697
4	LRS Bianchi Type-V Dust Filled Universe with Varying $\Lambda(t)$ in Creation Field Theory of Gravitation	H. R. Ghate, Sanjay A. Salve	Prespacetime Journal Vol. 5, Issue 3, pp. 198-206, 2014	--	ISSN: 2153-8301

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5	LRS Bianchi Type-V Cosmological Model For Barotropic Fluid Distribution With Varying $\Lambda(t)$ In Creation Field Theory Of Gravitation	H. R. Ghate, Sanjay A. Salve	International Journal of Scientific & Engineering Research Vol. 5, Issue 6, pp. 254-259, 2014	3.2	ISSN: 2229- 5518
6	Bianchi Type-IX Dust Filled Universe with Time Dependent $\Lambda(t)$ in Hoyle- Narlikar's Creation Field Theory of Gravitation	H. R. Ghate, Atish S. Sontake, Sanjay A. Salve , Arvind S. Patil	Bull. Cal. Math. Soc., 107, (1), pp. 79-88, 2015	--	ISSN: 0008- 0659
7	Some Dust Cosmological Model with Time Dependent $\Lambda(t)$ in Creation Field Cosmology	H.R. Ghate, Sanjay A. Salve	Global J. Sci. Frontier Res.: A Phys. And Space Sci. Vol. 15, Issue 1, Ver.1, pp. 21-31, 2015	--	ISSN 2249- 4626
8	Bianchi Type-III Domain Walls with Variable deceleration Parameter in Creation Field Cosmology	H.R. Ghate, Sanjay A. Salve	Int. J. Sci. Ino. Mathe. Res., (IJSIMR), Vol. 3, Special Issue 2, pp. 501-508, July 2015	--	ISSN: 2347- 307X
9	LRS Bianchi type-V Cosmological model for Barotropic Fluid distribution with Bulk Viscosity and Decaying Vacuum Energy $\Lambda(t)$ in Creation Field Theory of Gravitation	H.R. Ghate, Sanjay A. Salve	Prespacetime Journal Vol. 5, No. 8, pp.1150-1164, 2016	--	ISSN: 2153- 8301
10	LRS Bianchi Type I Cosmological Model in Creation Field Theory of Gravitation with a Special Form of Deceleration Parameter	Arvind S. Patil, Anil M. Metkar, Sanjay A. Salve	Interlink Research Analysis, Issue XVII, Vol. II, pp. 33-43, July-Dec, 2017	4.55	ISSN: 0976- 0377
11	Bianchi type-V Minimally Interacting Holographic Dark Energy Cosmological Model with Special form of Deceleration Parameter in $f(R,T)$ Gravity	Arvind S. Patil, Anil M. Metkar, Sanjay A. Salve	Interlink Research Analysis, Issue XVII, Vol. II, pp. 23-32, Jan-June, 2018	4.95	ISSN: 0976- 0377
12	Bianchi Type-III Interacting Holographic Polytropic Gas Model of Dark Energy with Hybrid Expansion Law in General Relativity	Arvind S. Patil, Sanjay A. Salve	Universal Research Analysis, Issue XVII, Vol. III, pp. 22-32, Sept.-Feb., 2019	3.00	ISSN: 2229- 4406
13	N- Dimensional FRW Barotropic Fluid Cosmological Model with Time Dependent $\Lambda(t)$ in Creation Field Cosmology	Vilas B. Raut, Sanjay A. Salve	Jour. Emer. Tech. & Inno. Res. (JETIR) Vol. 9, Issue 5, pp. 57-62, May 2022	7.95	ISSN: 2349- 5162

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2. Full Papers in Conference Proceedings:

Sr. No.	Name of Conference	Level	Title of Paper	Name of Authors as mentioned in Paper	Place & Date	ISSN / ISBN No.
1	Pratibimb: A Mirror Approach to the Women's Problems.	National	Innovation of Empowerment of the Rural Women , The Revolution has begun ...	M. T. Nikam, S. A. Salve	Shri Shivaji Science and Arts College, Chikhli, Dist. Buldhana, Maharashtra January 03, 2013	ISBN: 978-93-831171-99-8
2	International Conference on Mathematical Sciences	International	Bianchi Type-VI Dust Filled Universe with Varying $\Lambda(t)$ in Hoyle-Narlikar's Creation Field Theory of Gravitation	H. R. Ghate, S. A. Salve	Sathyabama University, Chennai, Tamilnady July 17-19, 2014	ISBN: 978-93-5107-261-4
3	International Conference on Recent Trends & Research in Engineering & Science 2015	International	N-Dimensional FRW Dust Filled Universe with Time Dependent $\Lambda(t)$ in Creation Field Theory of Gravitation	H. R. Ghate, A.S. Sontakke, S. A. Salve	Padmshri Dr. V. B. Kolte College of Engineering, Malkapur, Dist. Buldhana, Maharashtra. March 21-23, 2015	ISSN: 2250-0804
4	Recent Trends in Mathematics & Statistics	National	Bianchi type-V Bulk Viscous String with Time Dependent Deceleration Parameter in Creation Field Theory of Gravitation	H. R. Ghate, S. A. Salve	Maharshi Dayanand College of Arts, Science & Commerce, Mumbai, Maharashtra. September 5, 2015	ISBN: 978-81-925005-4-6
5	International Conference on Recent Trends in Science & Technology 2018	International	Kantowski-Sach Bouncing Cosmological Model with Viscous Fluid	H. R. Ghate, A.S. Sontake, Y. D. Patil, A. S. Patil, S. A. Salve.	S.S.S.K.R. Innani Mahavidyalaya, Karanja (Lad), Dist. Washim, Maharashtra. March 22-23, 2018	ISSN: 2349-638x
6	National Conference on Recent Advances in Physical & Mathematical Sciences	National	Bianchi Type I Cosmological Model with Linearly Varying Decelerator Parameter and Varying Cosmological Constant in C-field Cosmology	H. R. Ghate, A. S. Patil, S. A. Salve.	Shri Shivaji College of Arts, Commerce & Science, Akola, Maharashtra. January 18, 2020	ISSN: 2349-638x

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3. Papers presented in Conferences / Seminar / Symposia / Workshop:

Sr. No.	Title of Paper	Title of Event	Level	Date	Organizer
1	Innovation For Empowerment of the Rural Women: The Revolution Has Begun...	National Conference on A Mirror approach Women Empowerment	National	January 03, 2013	Shri Shivaji Science & Arts College, Chikhli, Dist. Buldhana, Maharashtra
2	LRS Bianchi type-V cosmological model for Barotropic fluid with variable Λ in C-field Cosmology	1 st International Conference on Mathematical Modelling and Optimization Techniques in Science and Engineering	International	July 26-27, 2013	SSBT's College of Engineering and Technology, Bambhori, Jalgaon, Maharashtra
3	Bianchi type-IX Magnetized dark energy model in Saez-Ballester theory of gravitation	National Conference on Recent Trends in Mathematics	National	September 21, 2013	Smt. Gopikabai Sitaram Gawande Mahavidyalaya, Umardhed, Dist. Yavatmal, Maharashtra
4	Kaluza-Klein Dust Filled Universe with varying Λ in Creation Field Cosmology	3 rd International Science Congress	International	December 08-09, 2013	International Science Congress Association & Karunya University, Coimbatore, Tamilnadu.
5	Bianchi type-IX Radiating cosmological model in Self- Creation Cosmology	National Conference on Statistics, Mathematics and their Applications	National	January 03-04, 2014	Institute of Science, Nagpur, Maharashtra
6	(n + 2) Dimensional Kaluza-Klein String Cosmological Model in Brans-Dicke Theory of Gravitation	International Conference on Recent Advances in Mathematics	International	January 20-23, 2014	Department of Mathematics, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, Maharashtra.
7	N- Dimensional Kaluza-Klein Dust Filled Universe with Time Dependent Λ in Creation Field Cosmology	International Conference on Mathematics and Engineering Sciences	International	March 20-22, 2014	International Multi-disciplinary Research Foundation & Chitkara University, Chandigarh, Himachal Pradesh.
8	Bianchi type-VI Dust Filled Universe with Time Dependent $\Lambda(t)$ in Hoyle-Narlikar's Creation Field Theory of Gravitation	International Conference on Mathematical Sciences	International	July 17-19, 2014	University of Central Florida, USA, The Institute of Mathematical Sciences (IMSc), Chennai, Tamilnadu & Satyabama University, Chennai, Tamilnadu.

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9	Bianchi Type-IX Dust Filled Universe with Time Dependent $\Lambda(t)$ in Hoyle-Narlikar's Creation Field Theory of Gravitation	International Conference on Current Developments in Mathematics and Mathematical Sciences ICCDMMS-2014	International	December 19-21, 2014	Calcutta Mathematics Society, Kolkata, West Bengal
10	N-Dimensional FRW Dust Filled Universe with Time Dependent $\Lambda(t)$ in Creation Field Theory of Gravitation	International Conference on Recent Trends & Research in Engineering and Science 2015 ICRTRES-2015	International	March 21-23, 2015	Padmashri Dr. V. B. Kolte College of Engineering & Polytechnic, Malkapur, Dist. Buldhana, Maharashtra
11	Bianchi Type-III Domain Walls with Variable deceleration Parameter in Creation Field Cosmology	International Conference on Mathematical Sciences	International	July 13-15, 2015	Department of Mathematics, Shri Venkateswara University, Tirupati, Andhra Pradesh.
12	Bianchi Type-V Bulk Viscous String with Time Dependent Deceleration Parameter in C-Field Theory of Gravitation	National Conference on Recent Trends in Mathematics and Statistics	National	September 05, 2015	M.D.E's Society's Maharshi Dayanand College of Arts, Science and Commerce, Mumbai, Maharashtra
13	Bianchi Type-V Minimally Interacting Holographic Dark Energy Cosmological Model with Special Form of Deceleration Parameter in $f(R, T)$ Gravity	National Conference on Recent Trends in Mathematics and It's Applications	National	September 12-13, 2015	Mungsaji Maharaj Mahavidyalaya, Darwaha Dist. Yavatmal, Maharashtra
14	Bianchi Type-III Interacting Holographic Polytropic Gas Model of Dark Energy with Hybrid Expansion Law in General Relativity	International Conference on General Relativity-2015	International	November 25-28, 2015	Department of Mathematics, Sant Gadge Baba Amravati University, Amravati, Maharashtra
15	LRS Bianchi Type-I Dust Filled Universe with Time Dependent $\Lambda(t)$ in Creation Field Theory of Gravitation	National Seminar on Recent Trends in Life Sciences & Material Sciences	National	March 14-15, 2016	Rashtrapita Mahatma Gandhi Arts & Science College, Nagbhid, Dist. Chandrapur, Maharashtra
16	LRS Bianchi Type-V Ghost Dark Energy Cosmological Model with Specific Hubble Parameter in $f(R, T)$ Gravity	National Conference on Recent Advances in Mathematical Sciences	National	June 17-18, 2016	Department of Mathematics, Sant Gadge Baba Amravati University, Amravati, Maharashtra

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17	LRS Bianchi Type-I Cosmological Model in Creation Field Theory of Gravitation with Special Form of Deceleration Parameter	National Conference on Recent Advances in Sciences-2017	National	March 09, 2017	Late Pushpadevi Patil Arts and Science College, Risod, Dist. Washim, Maharashtra
18	Kantowski-Sach Bouncing Cosmological Model with Viscous Fluid	International Conference on Recent Trends in Science and Technology	International	March 22-23, 2018	S.S.S.K.R. Innani Mahavidyalaya, Karanja (Lad), Dist. Washim, Maharashtra
19	Bianchi Type I Cosmological Model with Linearly Varying Decelerator Parameter and Varying Cosmological Constant in C-field Cosmology	National Conference on Recent Advances in Physical and Mathematical Sciences	National	January 18, 2020	Shri Shivaji College of Arts, Commerce and Science, Akola, Maharashtra
20	Kaluza Klein Cosmological Model for Barotropic Fluid Distribution with Varying Cosmological Constant in Creation Field theory of Gravitation	National e-Conference on Recent Mathematical Innovation & Skills in 21 st Century	National	March 27, 2021	R.D.I.K. & K.D. College, Badnera (Rly.) & Department of Mathematics, SGBAU, Amravati, Maharashtra
21	Minimally Interacting Holographic Dark Energy Cosmological Model with BVDP in Modified Theory of Gravity	National e-Conference on Recent Advances for Innovative Research in Mathematics	National	September 28, 2021	Indira Gandhi Kala Mahavidyala, Ralegaon, Dist. Yavatmal & R.A. Arts, Shri M. K. Commerce & S. R. Rathi Science College, Washim, Maharashtra
22	N-Dimensional FRW Barotropic Fluid Cosmological Model with Time Dependent $\Lambda(t)$ in Creation Field Theory of Gravitation	National Multidisciplinary Research E-Conference (NMRC) 2022	National	May 28, 2022	Bapumiya Sirajoddin Patel Arts, Commerce & Science College, Pimpalgaon Kale, Dist. Buldhana, Maharashtra

4. Conferences / Seminar / Symposia / Workshop Attended:

Sr. No.	Theme	Level	Date	Organizer
1	National Conference on Need Of Commercial Management For The People Of Arts and Science	National	July 27-28, 2012	Shankarlal Khandelwal Arts, Science & Commerce College, Akola, Maharashtra
2	University level Research Oriented Workshop.	University	September 08, 2012	Department of Mathematics, Sant Gadge Baba Amravati University, Amravati, Maharashtra

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3	National Conference on Recent Trends in Physics	National	October 26-27, 2012	Mungsaji Maharaj Mahavidyalaya, Darwha, Dist. Yavatmal, Maharashtra
4	International Conference On Mathematical Sciences	International	December 28-31, 2012	S.S.E.S. Amravati's Science College, Nagpur, Maharashtra
5	National Conference on Mathematical Sciences	National	January 18-19, 2013	Shri Dr. R. G. Rathod Arts and Science College, Murtizapur, Dist. Akola, Maharashtra
6	University Level Research Oriented Workshop On Theory of Relativity	University	February 09-10, 2013	Department of Mathematics, Sant Gadge Baba Amravati University, Amravati, Maharashtra
7	National Conference on Recent Advances in Mathematics & its Applications to Science and Engineering	National	April 29-30, 2013	Shri Sant Gajanan Maharaj College of Engineering, Shegaon, Dist. Buldhana, Maharashtra
8	12 th University Level Seminar Competition in Mathematics 2014	University	February 19, 2014	Mungsaji Maharaj Mahavidyalaya, Darwha, Dist. Yavatmal & SGBAU Mathematics Teachers Association, Amravati, Maharashtra
9	S.G.B. Amravati University Level Workshop On Mathematics Syllabi	University	15 March, 2015	Dept. of Mathematics, R.D.I.K. & K.D. College, Badnera (Rly.) & SGBAU Mathematics Teachers Association, Amravati, Maharashtra
10	State Level Workshop on Number Theory	State	October 15, 2016	Department of Mathematics, Sant Gadge Baba Amravati University, Amravati, Maharashtra
11	National Level Workshop on e-governance	National	February 21, 2018	Shri Shivaji Science & Arts College, Chikhli, Dist. Buldhana, Maharashtra
12	National Workshop on Number Theory	National	January 19, 2019	Shri Dr. R. G. Rathod Arts and Science College, Murtizapur, Dist. Akola, Maharashtra
13	State Level Workshop on Women Empowerment	State	March 08, 2019	Shri Shivaji Science & Arts College, Chikhli, Dist. Buldhana, Maharashtra
14	State Level Workshop on Intellectual Property Rights (IPR)	National	April 03-04, 2019	Shri Shivaji Science & Arts College, Chikhli, Dist. Buldhana, Maharashtra
15	National Workshop on Recent Research Trends In Mathematics	National	December 05-06, 2019	Government Vidarbha Institute of Science and Humanities, Amravati, Maharashtra
16	International E-Conference on "Strategies & Challenges in Higher Education during COVID-19 Lockdown Period in India with reference to the World"	International	May 15-17, 2020	Government Vidarbha Institute of Science and Humanities, Amravati, Maharashtra
17	An Online National Level Faculty Awareness Program on Research Methodology	National	May 30, 2020	Department of Lifelong Learning & Extension, SGBAU, Amravati in collaboration with Indira Gandhi

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				Kala Mahavidyalaya, Ralegaon, Dist. Yavatmal, Maharashtra
18	International Webinar on Pandemic Covid-19, Changes and Challenges in Society with Special Reference to Higher Education	International	June 05, 2020	B.B. Arts, N.B. Commerce and B.P. Science College, Digras, Dist. Yavatmal, Maharashtra
19	One Day National Level Webinar on Application of Algebra and Analysis	National	June 14, 2020	Department of Mathematics, Shri Muktanand College, Gangapur, Dist. Aurangabad, Maharashtra
20	National Webinar on NAAC “Recent Quality Enhancement, Initiatives; Changing Scenario of Indian Higher Education	National	June 24, 2020	Mungsaji Maharaj Mahavidyalaya, Darwha, Dist. Yavatmal, Maharashtra in collaboration with IQAC, Sant Gadge Baba Amravati University, Amravati, Maharashtra
21	National e-Conference on Recent Trends and Skills for Innovative Teaching-Research in Mathematics	National	June 25, 2020	Department of Mathematics, Smt. Radhabai Sarda Arts, Commerce & Science College, Anjangaon Surji, Dist. Amravati, Maharashtra
22	Two Days National E- Conference On “Interdisciplinary Recent Research Trends”	National	July 03-04, 2020	Shri R.R. Lahoti College, Morshi, Dist. Amravati, Maharashtra
23	Online International Lecture Series on Bridging Research Perspectives-2020	International	July 15-17, 2020	The Research Group, Government Vidarbha Institute of Science and Humanities, Amravati, Maharashtra
24	National Level Webinar on Universe, Black hole, Wormhole – A Bird’s Eye View	National	February 01, 2021	Department of Mathematics, Arts, Commerce & Science College, Arvi, Dist. - Wardha, Maharashtra
25	National Webinar on Intellectual Property Rights (IPR) and Research Ethics	National	March 02, 2021	Jijamata Mahavidyalaya, Buldhana, Maharashtra
26	National Level Webinar on Intellectual Property Rights (IPR)	National	March 24, 2021	Shri R.R. Lahoti College, Morshi, Dist. Amravati, Maharashtra
27	National Level Workshop on IPR - Intellectual property Rights	National	July 10, 2021	Shri Shivaji Science & Arts College, Chikhli, Dist. Buldhana, Maharashtra
28	National online Workshop on Intellectual Property Rights & Patent Filling	National	August 31, 2021	Shri R. L. T. College of Science, Akola & IPR Cell, Sant Gadge Baba Amravati University, Amravati, Maharashtra
29	National Level Workshop on NAAC Revised SSR Filling Process	National	December 12, 2021	Shri Shivaji Science & Arts College, Chikhli, Dist. Buldhana, Maharashtra
30	One Day Workshop on Reforms in National Assessment and Accreditation Process	--	March 21, 2022	Shri Shivaji Education Society, Amravati and Shri Shivaji Science College, Amravati, Maharashtra

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31	One Day Program on CBCS- NEP Executors' Training Program	University	September 17, 2022	SGBAU, Amravati and Shri Shivaji Science & Arts College, Chikhli, Dist. Buldhana, Maharashtra
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5. Invited Lectures & Session Chairmanship:

Sr. No.	Title	Academic Session	Event	Level	Date	Organizer
1	Chaired the Session	2014-15	UGC Sponsored University Level Student Seminar Competition	University	September 20, 2014	Smt. Gopikabai Sitaram Gawande Mahavidyalaya, Umardhed, Dist. Yavatmal, Maharashtra
2	Delivered a Talk during Workshop	2014-15	University Level Research Oriented Workshop	University	January 10-11 , 2015	Shri Dnyaneshwar Maskuji Burungale Science and Arts College, Shegaon, Dist. Buldana, Maharashtra
3	Worked as Referee	2014-15	University U. G. Level Seminar Competition	University	February 18, 2015	Matoshri Nanibhai Gharphalkar Science College, Babhulgaon, Dist. Yavatmal, Maharashtra
4	Worked as Subject Expert	2015-16	University U. G. Level Seminar Competition	University	March 05, 2016	Adarsh Science, J. B. Arts & Birla Commerce Mahavidyalaya, Dist. Amravati, Maharashtra
5	Talk on Career Opportunities to Students of Mathematics	2015-16	Invited Talk / Guest Lecture	Department	March 21, 2016	Department of Mathematics, Sant Gadge Baba Amravati University, Amravati, Maharashtra
6	Worked as Resource Person	2015-16	University level Research Oriented Workshop	University	March 29, 2016	Department of Mathematics, Sant Gadge Baba Amravati University, Amravati, Maharashtra
7	Talk on Student Career Opportunities after Graduation in World Wide Area	2020-21	Invited Talk / Guest Lecture	College	October 19, 2020	Model Degree College of Arts, Science & Commerce, Buldana, Maharashtra
8	Worked as Subject Expert	2020-21	University Level U. G. Students Seminar Competition on Algebra	University	March 09, 2021	Vidnyan Mahavidyalaya, Malkapur, Dist. Buldana, Maharashtra
9	Guest lecture on Limit & Continuity	2021-22	Invited Talk / Guest Lecture	College	December 21, 2021	Late. Bhaskarrao Shingne Arts, Prof. Narayanrao Gawande Science & Ashalata Gawande Commerce College,

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						Sakharkherda, Tq. Sindkhed Raja, Dist. Buldhana, Maharashtra
10	Talk on Research Methodology	2021-22	One Day Workshop on Research Methodology	College	December 23, 2021	Late. Bhaskarrao Shingne Arts, Prof. Narayanrao Gawande Science & Ashalata Gawande Commerce College, Sakharkherda, Tq. Sindkhed Raja, Dist. Buldhana, Maharashtra
11	Talk on How to write references while writing a Research Paper	2022-23	University Level Workshop on Research in Mathematics	University	August 06, 2022	Department of Mathematics & IQAC, SGBAU, Amravati, Maharashtra

6. Research Projects (Minor/Small Grants):

Sr. No.	Title	Major / Minor	Funding Agency	Period	Amount Sanctioned	Sanctioned Letter	Status
1	Study of Cosmological Models in Creation Field Theory of Gravitation	Minor	UGC	2014-16	1,20,000/-	File No. 47-751/13 (WRO)	Completed

7. Research Patent Awarded / File :-

Sr. No.	Title of Patent	Application No.	Date of Filing Patent	Name of Agency	Status
1	Design and Analyze of Website Effectiveness Using Graph Theory	202241051826	11.09.2022	Indian Patent	Published

8. Training Courses, Teaching-Learning-Evaluation Technology Programmes, Faculty Development Programmes (not less than one week duration)

Sr. No.	Programme	Duration	Organized By
1	111 th Orientation Program	25/04/2016 to 20/05/2016	Human Resource Development Center, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra
2	Refresher Course in Computational Methods in Basic Sciences	06/08/2018 to 29/08/2018	Human Resource Development Center, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra
3	One Week (online) Faculty Development Program on LaTeX & Technical Report Writing	25/05/2020 to 30/05/2020	Department of Mathematics, Kakatiya University, Warangal, Telangana in association with Spoken Tutorial Project, IIT Bombay.
4	One Week (online) National Faculty Development Program on	28/06/2020 to	Deogiri Institute of Engineering and Management Studies, Aurangabad,

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	MATHEMATICS: A Practical Approach in Science and Technology	03/07/2020	Maharashtra
5	One Week (online) International Faculty Development Program on Applications of Mathematics in Science & Engineering	07/07/2020 to 11/07/2020	Vishnu Institute of Technology, Bhimavaram, West Godavari District, Andhra Pradesh
6	Refresher Course in Research Methodology	20/07/2021 to 03/08/2021	Teaching Learning Centre, Ramanujan College, Delhi under Ministry of Education, Pandit Madan Mohan Malviya National Mission on Teachers and Teaching
7	Refresher Course in Applicable Mathematics	26/07/2022 to 08/08/2022	Teaching Learning Centre, Ramanujan College, Delhi under Ministry of Education, Pandit Madan Mohan Malviya National Mission on Teachers and Teaching

9. Events Organized:

Sr. No.	Events	Level	Funded By	Date	Position
1	University Level Seminar Competition for UG Students on Calculus	University	Self	March 24, 2013	Convener
2	State Level General Knowledge Competition for UG and PG Students.	State	Self	February 26, 2020	Organizing Secretary
3	State level Poster Competition on Energy Awareness & Environment Conservation	State	Self	March 12, 2020	Organizing Member
4	National Webinar on Career Opportunities in Physical and Mathematical Sciences for U.G. and P.G. Student	National	Self	July 29, 2020	Convener
5	National Webinar on Laser as a Tool in Advance Technology & Research, Theory of Everything	National	Self	September 29, 2021	Organizing Secretary

10. Other Memberships:

- 1) Criteria Head, IQAC, Shri Shivaji Science & Arts College, Chikhli, Dist. Buldhana, Maharashtra.
- 2) Member Secretary, SC / ST Committee, Shri Shivaji Science and Arts College, Chikhli, Dist. Buldhana, Maharashtra
- 3) Member, Sant Gadge Baba Amravati Mathematics Teacher Association, Amravati, Maharashtra.