

Curriculum Vitae



Name : Dr. Yuoraj Shivdas Tamgadge
Qualification : M.Sc., NET, Ph.D.
Designation : Assistant Professor
College : Mahatma Fule Arts, Commerce & Sitaramji Chaudhari
Science Mahavidyalaya, Warud, Dist. Amravati-444906.
Address : C/O Haridas Lanjewar, Saibaba Colony, Pandhurna Road,
Warud-444906, Dist Amravati.
Cell No. : +91-9156448340
E-Mail : ystamgadge@gmail.com
Date of Birth : 31-07-1982
Nationality : Indian
Academic Qualification Details :

Examination passed	College/ Institute	Board/ University	Subject/ Specialization	Year of passing	Division/G rade
S.S.C.	RTM School, Wardha	Divisional Board Nagpur	Maths, Science, Social Science, English, Marathi	1999	I Distinction
H.S.S.C. (10+2)	JBSC Wardha	Divisional Board Nagpur	Maths, Science, Social Science, English, Marathi	2001	I Distinction
B.Sc.	AMV Yavatmal	Amravati University	Physics, Maths, Computer Science	2004	I Distinction
M.Sc.	PGTD of Physics, SGBAU, Amravati	SGB Amravati University	Physics	2006	I
Ph.D.	PGTD of Physics, SGBAU, Amravati	S.G.B. Amravati University	Physics	2017	

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NET	--	UGC-CSIR	Physics	2006	Qualified
GATE	--	IIT Kanpur	Physics	2007	AIR-767
DRDO-SET	--	DRDO	Physics	2007	Qualified

Experience: Teaching : UG: 10.5 Yrs PG: 03 Yrs

Research : 10 Yrs

Ph.D. Thesis Title : Design & Development of Nanocomposites for Nonlinear Optical Applications

Ph.D. Supervisor : Dr. G. G. Muley

Area of Research : Nonlinear Optics, Nanophotonics, Biosensors

Ph.D/M.Phil Guidance : Nil

Paper Published : 30

Paper Presented : International 04 National 18

Book Published : Nil

Articles Published : 01

Invited Talk & Guest Lectures : 06

Conference/Workshop Attended : International 03 National 20

Research Project Completed :

Minor Research Project : 01

Major Research Project : 00

Position Held :--

Awards/Scholarships :--

Works on Various University Committees:

1. Member of Souvenir and Proceeding Committee, National Conference on "Lasers and Advanced Materials", organised by Department of Physics, SGB Amravati University, Amravati during May 29-30, 2012.

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2. Member of Invited Talk Arrangement Committee, National Conference on “Lasers and Advanced Materials”, organised by Department of Physics, SGB Amravati University, Amravati during May 29-30, 2012.
3. Organising Secretary, National Seminar on “Current Trends In Material Sciences”, NSCTMS-2011, organized by Department of Physics, Shri. Dr. R. G. Rathod, Arts and science College Murtizapur, Dist Akola in association with International Society of Science and Technology (ISST), Mumbai on December 03, 2011.
4. Member, Transport Committee, National Conference on “Polymeric Materials in Defence”, POMADE-2011, organized by Naval Materials Research Laboratory, Ambarnath, Mumbai during Feb 4-5, 2011.
5. Member, Reception Committee, International Symposium on Snow Sciences held at HQ-Snow & Avalanche Studies Establishment, Manali (HP), India during 2009.

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.	Optical limiting in Sr and Cd doped CuO-PVA nanocomposites colloidal suspension under 808nm CW excitation	Y. S. Tamgadge , G. G. Muley, M. A. Mahure, P. P. Gedam, A. L. Sunatkari	Research Journey International E Research Journal Special Issue 110 (1)-Physics, (2019), 280-283.		2348-7143
2.	Optical Limiting properties of Sr and Cu doped ZnO-PVA nanocomposites colloidal suspension	Y. S. Tamgadge , G. G. Muley, S. S. Arsad, N. B. Thakare, R. P. Ganorkar	Research Journey International E Research Journal Special Issue 110 (1)-Physics, (2019), 50-53.		2348-7143
3.	Z-scan studies of Sn doped CuO nano-colloidal suspension	Y.S. Tamgadge , G.G. Muley, R.P. Ganorkar	Opt. Mater. 89 (2019), 591-597	2.320	0925-3467
4.	Synthesis and nonlinear optical properties of Zn doped TiO ₂ nano-colloids	Y.S. Tamgadge , G.G. Muley, K.U. Deshmukh, V.G. Pahurkar	Opt. Mater. 86 (2018), 185–190	2.320	0925-3467
5.	SYNTHESIS AND CHARACTERIZATION OF L-VALINE CAPPED MgO NANOPARTICLES	Y. S. Tamgadge , V. G. Pahurkar, S. S. Talwatkar, G. G. Muley	International Journal of Advance and Innovative Research, 6 (1) (XIX) (2019), 22-		2394 - 7780

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			24.		
6.	DEVELOPMENT AND MPD SENSING STUDY OF FIBER OPTIC POA/GOX MODIFIED BIOSENSOR FOR THE DETECTION OF GLUCOSE	V. G. Paturkar, Y. S. Tamgadge , P. M. Wankhade, A. B. Gambhire, G. G. Muley	International Journal of Advance and Innovative Research, 6 (1) (XIX) (2019), 22-24.		2394 - 7780
7.	NONLINEAR REFRACTIVE INDEX, ABSORPTION COEFFICIENT AND THIRD ORDER NONLINEAR SUSCEPTIBILITY OF GOLD NANO COLLOIDS	A. L. Sunatkari, S. S. Talwatkar, Y. S. Tamgadge , G. G. Muley	International Journal of Advance and Innovative Research, 6 (1) (XIX) (2019), 102-105		2394 - 7780
8.	PHOTO LUMINE SCENCE AND FTIR STUDY OF CDS NPS CO-DOPED WITH Li+AND Cs+	S. S. Talwatkar, A. L. Sunatkari, Y. S. Tamgadge , G. G. Muley	International Journal of Advance and Innovative Research, 6 (1) (XIX) (2019), 123-126.		2394 - 7780
9.	CO-DOPANT (LI+-CS+) DEPENDANT STRUCTURAL AND OPTICAL STUDY OF CDS NPS	S. S. Talwatkar, A. L. Sunatkari, Y. S. Tamgadge , G. G. Muley	International Journal of Advance and Innovative Research, 6 (1) (XIX) (2019), 127-130.		2394 - 7780
10.	Optical Limtingin Gelatin Stabilized Cu-PVP nanocomposite colloial suspension	Y.S. Tamgadge , P.P. Gedam, N. B. Thakare, S.S. Talwatkar, A.L. Sunatkari, G.G. Muley	AIP Conference Proceedings (2018), 1953, 030002		0094-243X
11.	Synthesis and Characteization of Ni doped ZnO Nanoparticles	Y.S. Tamgadge , P.P. Gedam, R.P. Ganorkar, M.A. Mahure, V.G. Paturkar, G.G. Muley	AIP Conference Proceedings (2018), 1953, 030003		0094-243X
12.	Reduced Graphene Oxide-Zn Composites based Gas Sensors: A Review	N. B. Thakare, F.C. Raghuwanshi, V.S. Kalyamwar, Y.S. Tamgadge	AIP Conference Proceedings (2018), 1953, 030057		0094-243X
13.	Nonlinear Refraction of Nd ³⁺ -Li co-doped CdS-PVP Nanostructures	S.S. Talwatkar, A.L. Sunatkari, Y.S. Tamgadge , G.G. Muley	AIP Conference Proceedings (2018), 1953, 060004		0094-243X
14.	Enhanced Nonlinear Optical Properties of L-arginine	A.L. Sunatkari, S.S. Talwatkar, Y.S.	AIP Conference Proceedings (2018),		0094-243X

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	Stabilized Gold Nanoparticles Embedded in PVP polymer	Tamgadge, G.G. Muley	1953, 100008		
15.	Nonlinear Refraction of Nd ³⁺ -Li co-doped ZnS-PVP Nanostructures	S.S. Talwatkar, A.L. Sunatkari, Y.S. Tamgadge, G.G. Muley	AIP Conference Proceedings (2018), 1942, 080060		0094-243X
16.	Passive optical limiting studies of nanostructured Cu doped ZnO-PVA composite thin films	Y.S. Tamgadge, A.L. Sunatkari, S.S. Talwatkar, V.G. Pahurkar, G.G. Muley	Opt. Mater. 51 (2016) 175-184.	2.062	(ISSN: 0925-3467)
17.	Studies on nonlocal optical nonlinearity of Sr-CuO-polyvinyl alcohol nanocomposite thin films	Y.S. Tamgadge, S.S. Talwatkar, A.L. Sunatkari, V.G. Pahurkar, G.G. Muley	Thin Solid Films, 595 (2015) 48-55.	1.922	(ISSN: 0040-6090)
18.	Thermally Stimulated Nonlinear Refraction in Gelatin Stabilized Cu-PVP Nanocomposite Thin Films	Y. S. Tamgadge, D. V. Atkare, V.G. Pahurkar, S. S. Talwatkar, A. L. Sunatkari, G. G. Muley	AIP Conference Proceedings, 1728, 2016, 020112-1-020112-4		(ISSN: 0094-243X)
19.	Fabrication of polyaniline-HCl cladding modified fiber optic intrinsic biosensor for glucose detection	Vikas Pahurkar, Yuoraj Tamgadge and Gajanan Muley	AIP Conference Proceedings, 1728, 2016, 020432-1-020432-4		(ISSN: 0094-243X)
20.	Synthesis, Characterization and Properties of L-arginine Passivated Silver Nanocolloids	A L Sunatkari, S S Talwatkar, Y S Tamgadge, G G Muley	AIP Conference Proceedings, 1728, 2016, 020663-1-020663-4		(ISSN: 0094-243X)
21.	Thermo-Optical Properties of Amino Acid Modified ZnO-PVA Colloidal Suspension under CW Laser Illumination	Y.S. Tamgadge, V.G. Pahurkar, A.L. Sunatkari, S.S. Talwatkar, G.G. Muley	Macromole. Symp, 2016, 362, 73-81.	0.913	(ISSN: 1521-3900)
22.	Cladding Modified with PANI-oxalic acid composite Glucose Oxidase Immobilized Fiber Optic Intrinsic Glucose Biosensor,	V. G. Pahurkar, S Dagdale, Y. S. Tamgadge, V Nagale, G. G. Muley	Macromole. Symp, 2016, 362, 149-151.	0.913	(ISSN: 1521-3900)
23.	Thermally stimulated third order optical nonlinearity in Cd doped CuO-PVA thin films under cw laser illumination	Y. S. Tamgadge, V.G. Pahurkar, S. S. Talwatkar A. L. Sunatkari, G. G. Muley	Applied Physics B (Lasers and Optics) (Springer Publication) (2015) 120:373-381	1.634	1432-0649
24.	Surface passivation by L-arginine and enhanced	S. S. Talwatkar, A. L. Sunatkari, Y. S.	J NanostructChem Vol (Springer	Yes	2193-

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	optical properties of CdS quantum dots co-doped with Nd ³⁺ –Li ⁺	Tamgadge , V. G. Pahurkar, G. G. Muley	Publication) 5 (2015) 205–212		8865
25.	Glucose oxidase immobilized PANI cladding modified fiber optic intrinsic biosensor for detection of glucose	V. G. Pahurkar, Y. S. Tamgadge , A. B. Gambhire, G. G. Muley	Sensors and Actuators B (Elsevier Publication) 362–368 Vol. 210 (2015)	Yes 4.101	0925-4005
26.	Influence of Li ⁺ and Nd ³⁺ co-doping on structural and optical properties of L-arginine-passivated ZnS nanoparticles	S. S. Talwatkar, A. L. Sunatkari, Y. S. Tamgadge , V. G. Pahurkar, G. G. Muley	Appl. Phys. A (Springer Publication) 675-682 118 (2015)	Yes 1.694	1432-0630
27.	Evanescent wave absorption based polyaniline cladding modified fiber optic intrinsic biosensor for glucose sensing application	V.G. Pahurkar , Y.S. Tamgadge , A.B. Gambhire, G.G. Muley	Measurement (Elsevier Publication) 61 (2015) 9-15.	Yes 1.526	0263-2241
28.	Amino acids (L-arginine and L-alanine) passivatedCdS nanoparticles: Synthesis of spherical hierarchical structure and nonlinear optical properties	S.S. Talwatkar, Y.S. Tamgadge , A.L. Sunatkari, A.B. Gambhire, G.G. Muley	Solid State Sciences. (Elsevier Publication) 38 (2014) 42-48.	Yes 1.883	1293-2558
29.	Nonlinear absorption of L-arginine capped ZnO nano-suspension	Y. S. Tamgadge , R. V. Salodkar, S. B. Sawarkar, A. L. Sunatkari, G. G. Muley	International Journal of Basic and Applied Research, Special Vol no. 4, 49-52.	Yes	ISSN-2249-3352
30.	Linear and nonlinear optical properties of nanostructured Zn(1-x)SrxO-PVA composite thin films	Y.S. Tamgadge , A.L. Sunatkari, S.S. Talwatkar, V.G. Pahurkar, G.G. Muley	Optical Materials Elsevier 37 (2014) 42-50	Yes IF: 1.918	ISSN: 0925-3467

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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.	National Conference on Recent Trends in Synthesis and Characterization of Futuristic Materials in Science for Development of Society	National	Synthesis and Characterization of CdO Nanoparticles by microwave assisted irradiation technique	N. B. Thakare, F.C. Raghuwanshi, V.S. Kalyamwar, Y.S. Tamgadge , S.N. Mendhe	2018 Sakharkherda	ISSN: 2394-0697
2.	National Conference on Recent Trends in Synthesis and Characterization of Futuristic Materials in Science for Development of Society	National	ULTRAVIOLET-VISIBLE STUDIES OF L-VALINE CAPPED CuO NANOPARTICLES	R. P. Ganorkar, D. A. Patil, S. D. Kadu, Y. S. Tamgadge , M. A. Mahure, N. B. Thakare	2018 Sakharkherda	ISSN: 2394-0697
3.	National Conference on Recent Trends in Synthesis and Characterization of Futuristic Materials in Science for Development of Society	National	SYNTHESIS AND CHARACTERIZATION OF L-VALINE CAPPED SN DOPED CUO NANOPARTICLES	Y. S. Tamgadge , R. P. Ganorkar, A. B. Malpe, A. V. Rewatkar, P. P. Gedam, G. G. Muley	2018 Sakharkherda	ISSN: 2394-0697
4.	National Seminar On Recent Trends In Life Sciences & Materials Science	National	Recent progress in the CdO nanostructure-based sensors: A Review	N. B. Thakare, F. C. Raghuwanshi, V. S. Kalyamwar, Y. S. Tamgadge	2016	ISSN: 2394-8426
5.	National Conference on Recent Developments in Material Science and Technology (RDMST-2014)	National	Effect of dopant on the nonlinear optical absorption properties of ZnO-PVA nanocomposite thin films	Y. S. Tamgadge , G. G. Muley, A. A. Pakhale, G. B. Harde, V. G. Paturkar	2014 Arts, Commerce & Science College, Koradi	ISBN: 978-81-926487-3-6

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

Sr. No.	Title of Paper	Title of Event	Level	Date	Organizer
1.	Thermally Stimulated Nonlinear Refraction in Gelatin Stabilized Cu-PVP nanocomposite Thin Films	International Conference on Condensed Matter & Applied Physics	International	30-31 Oct, 2015.	Government College of Engg., Bikaner (Rajasthan)
2.	Fabrication of polyaniline-HCl cladding modified fiber optic intrinsic biosensor for glucose detection	International Conference on Condensed Matter & Applied Physics	International	30-31 Oct, 2015	Government College of Engg., Bikaner (Rajasthan)
3.	Synthesis, Characterization and Properties of L-arginine Passivated Silver Nanocolloids	International Conference on Condensed Matter & Applied Physics	International	30-31 Oct, 2015	Government College of Engg., Bikaner (Rajasthan)
4.	Linear and Nonlinear Optical properties of L-arginine encapsulated ZnO nano-suspension	International conference on Nanotechnology	International	25-26 Oct, 2013	Haldia Institute of technology, Haldia (WB)
5.	SYNTHESIS AND CHARACTERIZATION OF L-VALINE CAPPED SN DOPED CUO NANOPARTICLES	National Conference on Recent Trends in Synthesis and Characterization of Futuristic Materials in Sciences for the development of society-(NCRTFMDS-2018)	National	13th January, 2018	Sakharkherda
6.	Linear and nonlinear optical studies of Sr doped CuO-PVA colloidal suspension	National Seminar on Applications of Nanobiotechnology in Medicine, Agriculture and Environment	National	16th March 2015.	Dept. of Biotechnology, SGB Amravati University
7.	Effect of dopant on the nonlinear optical absorption properties of ZnO-PVA nanocomposite thin films	National Conference on Recent Developments in Material Science and Technology (RDMST-2014)	National	11th Oct. 2014.	Arts, Commerce & Science College, Koradi, Dist. Nagpur
8.	Developments in	National Seminar on	National	Decembe	Department of

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	Nonlinear Optics-A Review	“Current Trends in Material Sciences”, NSCTMS-2011,		r 03, 2011	Physics, Shri. Dr. R. G. Rathod, Arts and science College Murtizapur, Dist Akola
9.	Synthesis and Characterization of Nano Structured Barium Peroxide by Chemical Co-precipitation Method at Room Temperature	National Conference on Lasers and Advanced Materials	National	May 29-30, 2012.	Department of Physics, SGB Amravati University, Amravati
10.	Study on the Variation of Particle Size of CdS with Different Amino Acids	National Conference on Lasers and Advanced Materials	National	May 29-30, 2012.	Department of Physics, SGB Amravati University, Amravati
11.	Effect of Capping Agents on the Particle Size of ZnO Quantum Dots	National Conference on Upcoming Trends in Chemical Science UTCS-2013	National	27-28 sept, 2013	Anand college, Pathardi, Dist Ammednagar
12.	Optical and Structural Properties of L-Alanine Capped ZnO Quantum Dots	National Conference on Upcoming Trends in Chemical Science UTCS-2013	National	27-28 sept, 2013	Anand college, Pathardi, Dist Ammednagar
13.	Nonlinear absorption of L-arginine capped ZnO nano-suspension	National conference on Materials Sciences, NCMS-2014	National	10-11 Jan, 2014	Bhartiya Mahavidyalaya, Amravati
14.	Effect of PVP as capping agent on the optical properties of ZnO nanoparticles	National conference on “Recent Trends in Mathematics, Physics and their Applications”, NCRTMPA-2014	National	March 19, 2014	Shri Khandelwal College, Akola
15.	Effect of L-arginine as capping agent on the optical properties of ZnO nanoparticles	National conference on “Recent Trends in Mathematics, Physics and their Applications”, NCRTMPA-2014	National	March 19, 2014	Shri Khandelwal College, Akola

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4. Conferences / Seminar / Symposia / Workshop Attended:

Sr. No.	Theme	Level	Date	Organizer
1.	National Conference on Recent Trends in Basic Sciences	National	1-2 February 2019	Vidyabharti Mahavidyalaya, Amravati UGC
2.	2 nd National Conference on Buddhist Philosophy-A Present day need.	National	2-3 February, 2018	Buddhist Studies Center, SGB Amravati University, Amravati
3.	National Conference on Recent Trends in Synthesis and Characterization of Futuristic Materials in Sciences for the development of society-(NCRTFMDS-2018)	National	13 th January, 2018	Sakarkherda, Dist. Buldhana
4.	National Conference on Buddhist Philosophy-A Present day need	National	12 th March, 2016	Buddhist Studies Center, SGB Amravati University, Amravati
5.	International Conference on Condensed Matter & Applied Physics	International	30-31 Oct, 2015	Government College of Engg., Bikaner (Rajasthan)
6.	International Conference on Nanotechnology held	International	25-26 Oct, 2013.	Haldia Institute of Technology, Haldia (WB)
7.	International Symposium on Snow Sciences	International	2009	HQ-Snow & Avalanche Studies Establishment, Manali (HP)
8.	National Seminar on Applications of Nanobiotechnology in Medicine, Agriculture and Environment	National	16th March 2015.	Dept. of Biotechnology, SGB Amravati University, Amravati
9.	National Conference On Recent Development in Material Science And Technology (RDMST-2014)	National	11th October 2014	Arts, Commerce & Science College, Koradi Dist. Nagpur
10.	National conference on "Recent Trends in Mathematics, Physics and their Applications", NCRTMPA-2014,	National	March 19, 2014	Shri Khandelwal College, Akola
11.	National conference on "Upcoming Trends in Chemical Sciences", UTCS-2013,	National	September 27-28, 2013	Aanand College, Pathardi, dist Ahmednagar
12.	National conference on "Recent Initiatives towards Green Electronics", NCRIGE-2013,	National	February 8-9, 2013	Brijlal Biyani College of Science, Amravati during
13.	National Conference on "Lasers	National	May 29-30,	Department of Physics, SGB

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	and Advanced Materials”, NCLAM-2012,		2012	Amravati University, Amravati
14.	National Seminar on “Current Trends in Material Sciences”, NSCTMS-2011,	National	December 03, 2011	Shri. Dr. R. G. Rathod, Arts and science College Murtizapur, Dist Akola
15.	Workshop on “Enhancement of Training & Placement Skills of Training & Placement Officers”	National	Aug 3, 2011	Department of Student’s Welfare, SGB Amravati University, Amravati
16.	National Conference on “Polymeric Materials in Defence”, POMADE-2011,	National	Feb 4-5, 2011.	Naval Materials Research Laboratory, Ambernath, Mumbai
17.	Workshop on “SONAR Transducer Technologies” under Continuing Education Program of DRDO	National	October 4-8, 2010	Naval Physical and Oceanographic Laboratory, Kochi
18.	National Conference on “Nanomaterials: Devices and Applications”	National	24-26 June, 2010.	Department of Physics, University of Pune
19.	National Seminar on “Current Trends in Physical Sciences & Electronics Research.”	National	March 28, 2010	Department of Physics & Electronics, Shri. Shivaji College Akola
20.	4th SERC School on Aviation Meteorology with special reference to “Modern Observational Techniques and Nowcasting”	National	Dec 1-20, 2008	AFAC College & Bharathiar University, Coimbatore
21.	“Post Induction Training for Scientists”, POINTS-11,	National	May 21 to Sept 26, 2008	DIAT, Defence Institute of Advanced Technology, Pune
22.	National Seminar on “Current Trends in Chemical Sciences Research”, CTCSR-2008,	National	March 28, 2008.	Department of Chemistry, Shri. Shivaji College Akola
23.	National Conference on its “Luminescence and Applications”, NCLA-2006,	National	Feb 7-9, 2006.	Department of Physics, SGB Amravati University, Amravati

5. Invited Lectures & session Chairmanship:

Sr. No.	Title	Academic Session	Event	Level	Date	Organizer
1.	Career for Science Students in DRDO	2018-19	Lecture delivered via video conferencing	National	October 10, 2018	Shri. Shivaji Arts, Commerce & Science College, Akot
2.	Career in Physics	2018-19	Inauguration of Physics	National	August 24, 2018.	Shri. Shivaji Arts, Commerce & Science

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			Society			College, Akola
3.	Future in Research	2017-18	Invited Guest	National	November 17, 2017	Bharti Krishna Vidya Vihar, Civil Lines Nagpur
4.	Theory of Everything	2016-17	Invited Guest	State	March 10, 2017.	Late Rajkamalji Bharti Arts, Commerce & Science College, Arni, Dist. Yavatmal
5.	Fiber Optics	2013-14	Invited Guest	National	16 Sept, 2013	G H Rasoni College of Engineering and Technology, Amravati during

6. Year wise Research Guidance:

Sr. No.	Year	Degree (M.Phil/PhD)	No. of Students		
			Enrolled	Awarded	Submitted

7. Research Projects (Minor/Small Grants):

Sr. No.	Title	Major/Minor	Funding Agency	Period	Amount Sanctioned	Sanctioned Letter	Status
1	Studies of Non Linear Optical Properties of some Metal and Metal Oxide Nanoparticles and Their Composites	Minor	UGC WRO Pune	2013-15	140000/-	File No. 47-411/12 (WRO)	Completed

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

Sr. No.	Programme	Duration	Organized By
1.	Post Induction Training for Scientists (POINTS) at Defence Institute of Advanced Technology (DIAT), Pune.	21 May to 26 Sept 2008	DRDO, Govt of India (Course includes overall basic information about DRDO, Scientific Skills, and Management Skills from Reputed Institutes like IIT Powai, IIPM etc)
2.	Ski Course at Manali.	2 Weeks	SASE, Manali
3.	Orientation Course	13 June to 11 July, 2015	Dr Babasaheb Ambedkar Marathwada University, Aurangbad
4.	Refresher Course in Physics	10 th July to 29 th July, 2017	Sant Gadge Baba Amravati University, Amravati
5.	NPTEL Online Certification Course on Electromagnetic Theory	12 Weeks course, (Jan-Apr 2018)	IIT, Kanpur MHRD, Govt. of India

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6.	NPTEL Online Certification Course on Experimental Physics I	12 Weeks (course, Jan-Apr 2019)	IIT, Kanpur MHRD, Govt. of India
7.	NPTEL Online Certification Course on Solar Photovoltaic Fundamentals Technology and Applications	08 Weeks course, (July-Sept 2019)	IIT, Kharagpur MHRD, Govt. of India

9. Book Published

Sr. No.	Title & Page No.	Authors	Type of Book	Publisher	ISSN/ISBN No	No. of Co- authors

10. Editorial Board Member:

Sr. No.	Title & Page No.	Type of Books	Publisher	ISSN/ISBN No	No. of Co- authors

11. Articles/Chapters published in Book:

Sr. No.	Title & Page No.	Book Title, Editor & Publisher	ISSN/ISBN No.	Authors	Whether Main authors
1	Chapter – 3 (Polarization)	A Textbook of Physics BSc Part II Fourth Semester	ISBN: 978-93- 87278-29-5	Y S Tamgadge	Yes

12. Events Organized:

Sr. No.	Events	Level	Funded By	Date	Position
1	National Seminar on “Current Trends In Material Sciences”, NSCTMS-2011, organized by Department of Physics, Shri. Dr. R. G. Rathod, Arts and science College Murtizapur, Dist Akola in association with International Society of Science and Technology (ISST), Mumbai.	National	Self-Financed	December 03, 2011	Organizing Secretary

13. Special Achievement:

14. Other Memberships:

1. Member of Optical Society of America (OSA) for year 2013-14, 2014-15 in teacher category.
2. Life Member, Materials Research Society of India, Bangalore.