

Faculty Profile



General information

Name (in Block Letters)	:	DR. MAMATA T. SANGOLE
Qualification	:	M.Sc., M.Phil., Ph.D.
Department	:	Chemistry (Science)
Current Designation	:	Assistant Professor
Date of Joining	:	28/02/2012
Name of Institution	:	Shri Shivaji College of Arts, Commerce and Science, Akola
Phone No.	:	09763378293
Email	:	sangolemamata@gmail.com

Academic Qualification

Sr.No.	Degree	Name of University/Board	Year	Division
1	Ph.D.	S. G. B. Amravati University, Amravati	Mar -2011	NA
2	M. Phil.	Madurai Kamaraj University	Apr-2007	I
3	B.Ed.	Amravati University	Mar-1999	I
4	M.Sc.	Amravati University	Mar-1998	I
5	B.Sc.	Amravati University	Mar-1996	I

Research degree (s) particulars

Degrees	Title	Date of award
M. Phil.	Synthesis of 1-hepta -O-benzoyl - β -D-maltosyl-3-aryl thiocarbamides	26 th Nov. 2007
Ph.D.	Studies in the synthesis of <i>N</i> -Maltosylated thioamides and related compounds	21 st April 2011

Teaching and Research Experience

Teaching Experience	Experience in Years
Teaching Experience at Degree Level	10 yrs.
Teaching Experience at Post-Graduate Level	20 yrs.
Research Experience	13 yrs.

Membership of professional bodies

- 1 The Indian Science Congress Association, Kolkata
- 2 Member of Amravati University Chemistry Teachers Association, Amravati
- 3 Member of Indian Chemical Society, Kolkata
- 4 Nagpur University Chemistry Teacher Association (NUCTA) Nagpur
- 5 Indian Council of Chemists, Agra (ICC)
- 6 Member of Association of Chemistry Teachers (ACT)', Mumbai

Research papers published in journals

Sr. No.	Title with page nos.	Journal	DOI	ISSN ISBN No.	Whether peer Reviewed Impact Factor, if any	No. of Co-authors	Whether you are the main author
1	"Synthesis and in vitro antimicrobial activity of 3-hepta- <i>o</i> -benzoyl- β -D-maltosylimino-4-aryl-5-phenylimino-1,2,4-dithiazolidines (hydrochloride)", Page : 2158-2164.	<i>Int. J. Chem. Sci.</i> , 7 (3), 2009,		ISSN 0972-768 X	Peer Reviewed IF : 0.078	One	Yes
2	"Synthesis of 2-phenylimino-3-aryl-4-S-benzyl-6-hepta-O-benzoyl- β -D-maltosylimino-2,3-dihydro-1,3,5-thiadiazines (hydrochloride)", Page: 739-742.	<i>J. Indian Chem. Soc.</i> , 88, May, 2011.		ISSN 0019-4522	Peer Reviewed IF : 0.359	One	Yes
3	"Synthesis and characterization of 1-hepta-O-benzoyl- β -D-maltosyl-5-aryl-2-S-benzyl-2, 4-isodithiobiurets", Page: 743-746.	<i>J. Indian Chem. Soc.</i> , 88, 2011,		ISSN 0019-4522	Peer Reviewed IF : 0.359	One	Yes
4	"Synthesis and antimicrobial activity of novel <i>N</i> -maltosylated thiocarbamides, benzothiazolyl thiocarbamides and thiocarbamates", Page: 689-694.	<i>J. Indian Chem. Soc.</i> , 89, 2012,		ISSN 0019-4522	Peer Reviewed IF : 0.251	One	Yes
5	"Synthesis, Characterization and in vitro antimicrobial activity of maltosyl-1,2,4-dithiazolidines (hydrochloride)"	<i>International Journal of Pure and Applied Chemistry</i> , (2)17, 2012		ISSN 0973-3876	Peer-reviewed	One	Yes
6	Preliminary phytochemical screening of medicinal plants used in traditional medicine Pg. No. 76-78	<i>International Journal of Applied Research</i> , 76-78, 2016		ISSN 2394-7500 (P) ISSN 2394-5869 (O)	Peer Reviewed	One	Joint author
7	Phytochemical screening of selected medicinal plants of the family Lamiaceae Pg. No. 63-66	<i>International Journal of Life Sciences</i> , 63-66, 2017		ISSN 2320-7817 (P) ISSN 2320-964X (O)	Peer Reviewed IF : 4.23	One	Joint author
8	Role of Physico-Chemical analysis in Soil Quality and Management Pg. No. 181-184	<i>International Journal of Pure and Applied Research in Engineering and Technology</i> , 6 (2), 181-184, 2017		ISSN 2319-507X	Peer Reviewed IF:4.226	-	Yes

9	A methodical study of physicochemical characterization of farmland soil of Markand village located in Nanded District in Maharashtra, India Pg. No. 473-475	<i>International Journal of current Engineering and scientific Research (IJCESR)</i> , 5(1) 473-475, 2018		ISSN 2393-8374 (P) ISSN 2394-0697(O)	Peer Reviewed IF:3.241	Two	Yes
10	Monitoring Airborne Fungal Mycoflora in College Laboratory Pg. No. 571-573	<i>Aayushi International Interdisciplinary Research Journal (AIIRJ)</i> 26, 571-573,2018		ISSN 2349-638X (P) ISSN 2394-0697(O)	Peer Reviewed IF:4.574	One	Joint author
11	Synthesis and antimicrobial activity of lactosyl triazino substituted benzothiazole (hydrochloride) Pg. No. 183-187	<i>International Journal of Pure and Applied Chemistry IJPAC</i> , 13 (3-4), 183-187,2018		ISSN 0973-3876	Peer Reviewed	One	Joint author
12	Silica-Boric Acid (SiO ₂ -H ₃ BO ₃): A Mild, Efficient and Reusable Heterogeneous Catalyst for Boc Protection of Amines Pg. No. 1128-1131	<i>International Journal of Current Engineering and Scientific Research (IJCESR)</i> , 6 (1), 1128-1131, 2019		ISSN 2393-8374, (P) ISSN 2394-0697(O)	Peer Reviewed IARC (JCRR)=0.916 SJIF:6.263 GIF=0.695 SIF=0.73, JIF=0.9	Two	Joint author
13	Physico-Chemical analysis of drinking water quality of different schools in Akola city Pg. No. 177-180	<i>RESEARCH JOURNEY International E-Research Journal</i> ,110 (B),177-180, 2019		ISSN 2348-7143	Peer Reviewed IF:6.261 CIF=3.452 SIF=0.676	-	Yes
14	Synthesis and biological studies of some new N-maltosylated carbamides Pg. No. 18-22	<i>AJANTA</i> , VIII(I),18-22, 2019		ISSN 2277-5730	Peer Reviewed IF:5.5	Two	Yes
15	An efficient and cost-effective synthesis of acetamides catalyzed by calcium chloride Pg. No. 1125-1130	<i>Indian Journal of Chemistry</i> , Vol. 58B,1125-1130, 2019		ISSN 0975-0983 (O) ISSN 0376-4699 (P)	Peer Reviewed IF:0.592	Five	Yes
16	Bio Medical Waste Management, Pg. No. 256-258	<i>RESEARCH NEBULA</i> , 256-258, 2020		ISSN 2277-8071	Peer Reviewed IF 5.411	One	Joint author
17	Synthesis of 1,3,4-Thiadiazole Lactosylamino Derivatives as Antimicrobials Pg. No. 71-75	<i>Indian Journal of Heterocyclic Chemistry</i> , Vol. 31 - Number 01 (Jan-Mar 2021) 71-75		ISSN 0971-1627 (P) ISSN 2456-4311(O)	Peer Reviewed IF:0.11	One	Joint author
18	Investigation of Physicochemical and Medicinal Properties of Oil Seed of Certain Wild Plant Species of Gadchiroli District of Maharashtra Pg. No. 9-12	<i>Juni Khyat</i> , 11 (04), No.01 April 2021, 9-12		ISSN 2278-4632	Peer Reviewed	Two	Joint author

Research papers presented in conferences / seminars / workshops /conventions

Sr. No.	Invited Talk/ Paper presented	Title of Conference / Seminar	Event Organized by	Whether international /national / state/ regional /college or university level
1	"Synthesis of <i>N</i> -maltosylated thioamides and related compounds, PP-26	5 th National Symposium and Conference on Solid State Chemistry and Allied Areas	Department of Chemistry, R.T.M. Nagpur University Nagpur in Association with Hislop College and Indian Association of Solid-State Chemists and Allied Scientist held on Nov.28-30, 2007	National
2	Synthesis of 1-hepta-O-benzoyl- β -D-maltosyl-3- aryl thiocarbamides, Abstract no. 110.	95 th Session of Indian Science Congress Association	ISCA and Andhra University, Visakhapatnam held on Jan. 3-7, 2008	International
3	Synthesis of 3-hepta-O-benzoyl-b-D-maltosyl imino-S-benzyl-1,2,4-dithiazolidines (hydrobromide) DDPP-115	International Conference on Drug Discovery and Nanotechnology, Nanded	Department of Chemistry, Yeshwant Mahavidyalaya, Nanded (M.S.) held on Jan. 27-29, 2008	International
4	Synthesis of <i>N</i> -maltosylated benzothiazoyl thiocarbamides .OG-36	National Conference on Green Chemistry and its Perspective, Amravati	Department of Chemistry, S. G. B. Amravati University, Amravati held on Feb. 11-12, 2008	National
5	Sugar isothiocyanates : Synthesis and Characterization by means of IR, ¹ H NMR and mass spectral studies Pg. no. 37	Regional seminar on Recent trend in heterocyclic compound in chemical, medicinal and pharmaceutical sciences, Amaravati	Department of Chemistry, Botony and Zoology, Mahatma Fule Arts, Commerce & Sitaramji Chaudhari Science Mahavidyalaya, Warud, Dist. Amaravati held on Mar.2 nd 2008	Regional seminar
6	Synthesis of 2-phenylimino-3-aryl-4-S-benzyl-6-hepta-O-benzoyl- β -D-maltosyl imino-2,3-dihydro-1,3,5-thiadiazines (hydrochloride) PP-48	3 rd National Conference on Thermodynamics of Chemical and Biological System, NCTCBS-2008, Nagpur	Department of Chemistry, R.T.M. Nagpur University, Nagpur in Association with S.K. Porwal College, Kamptee under the auspices of the Indian Thermodynamics Society. held on Octo.16-17, 2008	National
7	Synthesis of 1-hepta-O-benzoyl- β -D-maltosyl-5-aryl-2-S-benzyl-2,4-isodithiobiurets	45 th Annual Convention of Chemists and International Conference on Recent Advances in Chemistry	Karnatak University Dharwad, Karnataka held on Nov.23-27, 2008,	International
8	Study of synthesis of 1,2,4-dithiazolidines (hydrochloride) by using maltosylisothiocyanate Abstract no. 98	96 th Session of Indian Science Congress Association,	North-Eastern Hill University. Shillong, Meghalaya held on Jan. 3-7, 2009,	International
9	Synthetic and structural studies on maltosyl dithiazolidines (hydrochloride) Abstract no.PP-128.	National Conference on Recent Advances in Chemical Research, Hyderabad	Department of Chemistry, University College of Science, Osmania University, Hyderabad held on Feb. 6-7, 2009	National
10	Antimicrobial activity of some newly synthesized <i>N</i> -maltosides Abstract no.11	97 th Session of Indian Science Congress Association, Thiruvananthapuram	ISCA and cohosted by the Indian Space Research Organization (ISRO) and University of Kerala, Thiruvananthapuram held on Jan. 3-7, 2010	International
11	An Expedient synthesis, spectral and antimicrobial study of <i>N</i> -maltosides Abstract no. PP-94	98 th Session of Indian Science Congress Association, Chennai	ISCA and cohosted by SRM University. Chennai held on Jan. 3-7, 2011	International

12	A novel approach for the synthesis and biological properties of sugar based 1,2,4-dithiazolidines Abstract no. PC-3.	International Conference on Chemistry for Mankind: Innovative ideas in life Sciences, Nagpur	Department of Chemistry R.T.M. Nagpur University, Nagpur in association with Institute of Science, Nagpur and St. Francis de Sales' College, Nagpur under the auspices of Indian Society of Chemists and Biologists (ISCB) held on Feb.9-11, 2011,	International
13	Design, synthesis and antimicrobial activities of maltosyl-1,2,4-dithiazolidines (hydrochloride) PP-117	99 th Indian Science Congress held at KIIT University, Bhubaneswar,	ISCA and cohosted by KIIT University, Bhubaneswar held on January 3 to 7, 2012	International
14	Fourier Transform Infrared Spectroscopy, Detection, Identification of Newly Synthesized Maltosyl Isodithiobiurets ORG (PP)-52	49 th Annual Convention of Chemists 2012, Bhopal	Department of Applied Sciences, National Institute of Technical Teachers Training and Research Shamla Hills, Bhopal held on December 12-15, 2012	International
15	Biological Studies of some newer benzoylated maltosyl-1,3,5-Thiadiazines (Hydrochloride) P-22	100 th Indian Science Congress, Kolkata	Calcutta University, Kolkata held on January 3 to 7, 2013	International
16	Synthesis of maltosyl-O-alkyl thiocarbamates OP-16	National Conference on Frontiers Areas in Chemistry & Workshop on Quantum Mechanics & Research Methodology, Amravati	Department of Chemistry, Shri Shivaji Science College, and Amravati held on Octo. 23 & 24 th , 2013	National
17	Synthesis of 3-[(3)-aryl thiocarbamide] -5-glycosylimino-1, 2, 4-thiadiazolines (ORG) PP-47	50 th Annual Convention of Chemists 2013, Chandigarh	Department of Chemistry, Panjab University, Chandigarh held on Dec. 04-07, 2013	International
18	Synthesis of lactosyl-1,3,5-oxadiazines, PP-268	International Conference on Global Opportunities for Latest Developments in Chemistry and Technology Jalgaon	School of Chemical Sciences, North Maharashtra University, Jalgaon February 06-08, 2014	International
19	Synthesis and antimicrobial studies of maltosyl tetrazino benzothiazoles ORG(PP)-17	III ICC International Conference, Dubai & Abu Dhabi-2014	Indian Council of Chemist, Agra held on June. 11 & 13 th , 2014	International
20	Synthesis and Structural Elucidation of 3-aryl-4-S-benzyl-6-p-tolyimino-2-phenylimino-2,3-dihydro-1,3,5-oxadiazine .PP-56	51 th Annual Convention of Chemists 2014, Kurukshetra	Kurukshetra University, Kurukshetra held on Dec. 9-12, 2014	International
21	Analysis of chemical and physical properties as indicators of soil quality AP-37	102 th Session of Indian Science Congress Association ,Mumbai	Mumbai University, Mumbai held on Jan. 3-7, 2015	International
22	Synthesis and structural elucidation of maltosyl 1, 3, 4-thiadiazoles PP-107	National Conference on Sustainable Chemistry: Frontiers & Challenges, Amravati	Biyani Science College, Amravati held on Jan. 30 & 31, 2015	National

23	Soil Chemical and physical Analysis as a Tool for Evaluating Nutrient Availability PL-36	International Conference on Futuristic Materials and Emerging Trends in Forensic and Life Sciences, Nagpur	Post Graduate Teaching Department of Chemistry, R. T. M. Nagpur University, Nagpur, S. K. Porwal College, Kamptee & Institute of Forensic Science Nagpur, India held on 5-7 th February 2015	International
24	Assessment of soil profile supplemented by chemical and physical analysis ANL-PP- 20	National Conference on Chemical Sciences: Emerging Scenario and Challenges, Amravati	Department of Chemistry S. G. B. Amravati University, Amravati held on Jan. 29-30, 2016	National
25	A chemical and physical analysis of soil for monitoring changes in soil productivity AP-16	XXXA Annual National conference of Indian Council of Chemists (ICC), Pune	Haribhai V. Desai College, Pune in association with College of Engineering, Pune held on Dec. 22-24, 2016	National
26	Extraction of Celastus Paniculatus Wild Seed using n-hexane and ethanol: Studies of physicochemical properties	National Conference on Materials and Environmental Science (NCMES-2017), Solankur	Yashwantrao Patil Science College, Solankur held on Feb. 15, 2017	National
27	Role of Physico-Chemical analysis in Soil Quality and Management	International Conference on Advances in Science, Technology and Management, (IC-ASTM, Akola)	College of Engineering and Technology, Babhulgaon, Akola held on ,10 Oct., 2017	International
28	Synthesis and Biological Characterization of some new <i>N</i> -maltosylated carbamides	54 th Annual Convention of Chemists, Bardoli	Indian Chemical Society, Kolkatta and held at Department of Chemistry, Uka Tarsadia University, Maliba Campus, Bardoli-394 350, Surat, Gujarat held on, Dec.23-25, 2017	National
29	A methodical study of physicochemical characterization of farmland soil of Markand village located in Nanded District in Maharashtra, India ORG (PP-)	NCRDFMDS-2018, Sakharkherda	Late. Bhaskarrao Shingane Arts, Prof. Narayanrao Gawande Science and Ashalata Gawande Commerce College, Sakharkherda held on 13 th Sept. 2018	National
30	An efficient and cost effective synthesis of acetamides catalyzed by calcium chloride Abstract no. ORG (PP-)	UGC sponsored National Conference on Recent Advances in Chemical Sciences, Akola	Department of Chemistry and IQAC Shri Shivaji College of Arts, Commerce and Science, Akola held on February 26 & 27 th , 2018	National
31	Monitoring Airborne Fungal Mycoflora in College Laboratory	UGC (CPE) and DST sponsored International Conference on Recent Trend in Sciences and Technology	S.S.S.K.R. Innani Mahavidyalaya Karanja Lad, Dist-Washim held on March 22 - 23 rd , 2018	International
32	Silica-Boric Acid (SiO ₂ -H ₃ BO ₃): A Mild, Efficient and Reusable Heterogeneous Catalyst for Boc Protection of Amines	International Conference on Multifunctional Advanced Materials (ICMAM-2018), Karanja Lad	Kamla nehru Mahavidyalaya, Nagpur and Dharampeth M. P. Deo Memorial Science College, Nagpur was to organized an ICMAM-2018) in association with Solid State Chemists and Allied Scientists, Jammu held on 5 th to 7 th Oct. 2018.	International
33	Physico-Chemical analysis of drinking water quality of different schools in Akola city	UGC sponsored National Conference on Emerging Trend in Science, Amravati	Vidya Bharati Mahavidyalaya, Amravati held on 1 st - 2 nd of Feb 2019	National
34	Synthesis and biological studies of some new <i>N</i> -maltosylated carbamides	National Conference on Recent Advances in Science and Technology (RAISAT), Umarchhed	G. S. G. College, Umarchhed, Dist-Yavatmal held on 5 th - 6 th of March 2019.	National

35	Chemical synthesis and structural analysis of <i>N</i> -lactosylated sulphanilamido thiocarbamides Pp 36	National Conference on Chemistry Materials (CHEM 2019) Under the Aegis of UGC-SAP DRS-I for High Efficiency (CHEM-2019), Nagpur	Teaching Department of Chemistry, Nagpur University Nagpur held on 26-27 th , March 2019	National
36	Development of Biobased Bioepoxy Resin from Ricebran Oil and their Applications in Thin Film PP-37	Sixth International Conference at Paris (France) and Brussels (Belgium)	Indian Council of Chemists (ICC) , Agra during 6 th -8 th June, 2019 at Paris (France) and Brussels (Belgium)	International (abroad)
37	Synthesis, Characterizations of Biobased Bioepoxy Resin from Ricebran Oil and Their Applications in Thin Film	International Conference "Asian Network for Natural and Unnatural Materials" (ANNUM VII), Ahmadabad	Department of Chemistry, L.D. College of Engineering, Gujarat University, , Ahmadabad held on 26-27 th , Sept. 2019	International
38	Biobased acids cross linking of Tamarind Seed Polysaccharide Films and their Coating Film PP-37	National conference on New Dimension in Chemistry and Chemistry Education and National Convention of Chemistry Teachers (NCCT -2019) , Amravati	Department of Chemistry, SGB Amravati University, , Amravati held on 5-6 th , Dec. 2019	National
39	An Efficient Synthesis of Acetamides using Urea as an Effective Organocatalyst under Solvent-Free Conditions	National conference on Innovative Research in Sciences and Technology (NCIRST -2019) , Amravati	Department of Chemistry, Shri Shivaji College of Science, Amravati held on 17-18 th , Dec. 2019	National
40	A FTIR spectroscopic study: Analysis of vibrational spectra of <i>N</i> -linked per- <i>O</i> -benzoylated maltosyl thiadiazines	NCRAPMS-2020, Akola	Department of Chemistry and IQAC Shri Shivaji College of Arts, Commerce and Science, Akola held on February 26 & 27 th , 2018	National
41	Nuclear magnetic resonance: A powerful tool to study <i>N</i> -Glycosides	National conference on Multidisciplinary Research in Sciences and Technology for Healthy Lifestyle Management (NCRMST-2020), Akola	Shri R. L. T. College of Science, Akola held on Jan. 24 th , 2020	National
42	Synthesis, characterization of polyester amide resin from rice bran oil (OP-17)	International Conference on Advances in Physical, Chemical and Mathematical Sciences, Nagpur	Department of Physics, Chemistry, Mathematics, Statistics, Computer Sciences & LIT, RTMNU Nagpur Nagpur held on 13-16 th , Feb. 2020	International
43	NMR Spectroscopy in the study of carbohydrates: Illustrating the structural complication	National conference on Recent Advances in Chemical Sciences (NCRACS-2020), Akola	Department of Chemistry, Shankarlal Khandelwal Arts, Science & Commerce College, Akola held on 18 th , March 2020	National

Research papers presented in international conferences abroad

Sr. No.	Title of the Paper Presented	Title of International Conference abroad	Organized by
1	Synthesis and antimicrobial studies of maltosyl tetrazino benzothiazoles ORG(PP)-17	III ICC International Conference, Dubai & Abu Dhabi-2014	Indian Council of Chemist, Agra held on June. 11 & 13 th , 2014
2	Development of Biobased Bioepoxy Resin from Ricebran Oil and their Applications in Thin Film PP-37	Sixth International Conference at Paris (France) and Brussels (Belgium)	Indian Council of Chemists (ICC) , Agra during 6 th -8 th June, 2019 at Paris (France) and Brussels (Belgium)

Conferences / seminars /workshops /conventions /webinars attended

Sr. No.	Title of Conference/ Seminar	Organized by	Whether international / national/state/ regional / college / or university
1	Workshop on SET and NET Examination	Vidya Bharati Mahavidyalaya Amravati during 2 nd to 5 th Oct. 2002 at Post Graduate of Department of Chemistry	Regional
2	94 th Session of Indian Science Congress Association	Annamalai University, Chidambaram (Tamil Nadu). held on Jan. 3-7, 2007	International
3	State level Conference on Environment-2007	Shri Shivaji College of Arts, Commerce and Science, Akola, on 4 th Feb.2007	State
4	UGC sponsored National Seminar on Current Trend in Chemical Sciences Research Environment-2007	Department of Chemistry, Shri Shivaji College of Arts, Commerce and Science, Akola, on 28 th March 2008	National
5	Comprehensive Certificate Programme on "Scope and Potential in Pharmaceuticals Industries for Science Students	Institute of Pharmaceuticals Education and Research and Shri Shivaji College of Arts, Commerce and Science, Akola, on 17 th Sept. 2010	Regional
6	UGC Sponsored National level Conference on Developing Frontiers of Physics, and Space Sciences	Department of Physics and Mathematics, R.L.T. College of Science, Akola, Sept. 24-25, 2010	National
7	Thirteenth Annual Convention and One day Seminar on Chemistry in our Lives	S. G. B. Amravati University, Amravati held on Sunday 25 th Sept. 2011	University
8	Amravati University Chemistry Teachers' Association organized one day Regional Workshop on Redesigning of Chemistry curriculum	Brijlal Biyani Science College, Amravati on 29 April, 2012	University
9	National Conference on Innovative Research Trends in Biological Sciences	Department of Botany, Shri Shivaji College of Arts, Commerce and Science, Akola, on 8-9 th Sept. 2012	National
10	One day workshop of Principal and IQAC Co-coordinators	Shri Shivaji College of Arts, Commerce and Science, Akola, on 08 th Sept. 2013	
11	UGC Sponsored National level Workshop on Enriching Textiles with Block Printing ETBP-2013	Department of Home Science, Shri Shivaji College of Arts, Commerce and Science, Akola, on 27-28 th Sept. 2013	National
12	Fifteenth Annual Meet and One day workshop on Research Methodology	Jagadamba Mahavidyalaya, Achalpur City, Dist. Amravati held on Sunday, and 20 th Octo. 2013	University
13	Rural Science Congress	J. D. Patil Sangludkar Mahavidyalaya, Daryapur during Jan. 13 th & 14 th , 2014	Rural
14	Workshop on Current Trends in Spectroscopic Techniques for Structural Elucidation	Department of Chemistry and IQAC (Under UGC C.P.E. Scheme) Shri Shivaji College of Arts, Commerce and Science, Akola during 14 th - 20 th July 2014	Regional
15	Two-day National Seminar on 'Institutional quality Improvement: Role of Governance, Leadership & Management'	Shivaji Science College. Nagpur 8 th - 9 th August 2014	National
16	Workshop on Coalescence of Chemical Sciences to Confront the Challenges of Sustainability jointly	Royal Chemical Society, UK ,West India Section , Department of Chemistry & Student Welfare Department , Sept. 19-20, 2014, held at S.G. B. Amravati University, Amravati	University
17	Sixteenth Annual Convention and Seminar on Role of Chemistry in Rural Industrialization	Dr. R.G. Rathod Arts and Science College, Murtizapur Dist. Akola held on Sunday, and 30 th Nov. 2014 at 11.00 am	University
18	State Level Seminar on Role of IQAC in Quality Enhancement in Higher Education	Shri Shivaji Education Society, Amravati and held at Shri Shivaji College, Akola, Friday 17 th April. 2015 at 11.00 am	State
19	Regional Seminar on Restructuring of Chemistry-Syllabi Challenges and Opportunities	Vidharbha Welfare Society Amravati's , R.D.I.K. & N.DK college Badnera in collaboration with AUCTA held on Sunday, and 4 th Octo. 2015 at 11.00	Regional
20	18 th Annual Convention and Seminar on Recent Advances in electrochemistry	Shri R.L .T. College of Science ,Akola in collaboration with AUCTA held on Sunday, 21 st August 2016 at 11.00 am	Regional
21	One day workshop on "I for Inclusion: Higher Education Module	Shri Shivaji College , Akola in association with Govt. of Maharashtra , RUSA 20 th Jan. 2017	Regional
22	'Milan' The Alumni Meet-2017(MAM-	Post Graduate Teaching Department of	University

	2017)	Chemistry, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, 4 th February 2017	
23	20 th Annual Convention and Seminar on Recent Advances in electrochemistry	Shri Shivaji Science College , Amravati in collaboration with AUCTA held on Sunday, 02 nd September 2018 at 11.00 am	University
24	21 th Annual Convention & Seminar on Recent Trends in Chemistry Research of AUCTA	S.S.S.K.R. Innani Mahavidyalaya Karanja Lad, on Sunday, 08 th Dec. 2019	University
25	Online certificate course of in spectroscopic Techniques in chemistry	Shri R. L. T. College of Science, Akola on 5 th April 2020	Regional
26	Webinar on topic Cloud computing in teaching and learning	Sheth N.K.T. College of Commerce & Sheth J.T.T. College of Arts, Thane on 11 th April 2020	University
27	Webinar on Converting Lockdown Period into Golden Period-The Role of Women	Shri Shivaji College, Akola on 13 th April 2020	Regional
28	Edo talk Webinar on Effect of COVID-19 on Academic	Edoflip on 15 th April 2020	National
29	National Workshop on Operating Teaching of Scientific instruments in Laboratory	Shri R. L. T. College of Science, Akola on 11 th to 15 th , April 2020	Regional
30	National Workshop on Development of Teacher's e-Kit: Chemistry	GAD-TLC centre of MHRD, SGTB Khalsa College, Delhi University on 21 th , April 2020	National
31	Online Soft Skill Development Workshop	Shri R. L. T. College of Science, Akola. on 29 th April 2020	Regional
32	National webinar on Challenges & Opportunities before Indian Higher Education due to Covid- 19 Pandemic and Economic Challenges in India	GAD-TLC centre of MHRD, SGTB Khalsa College, Delhi University on 30 th , April 2020	National
33	National webinar on Challenges & Opportunities before Indian Higher Education due to Covid-19	GAD-TLC centre of MHRD, SGTB Khalsa College, Delhi University on 2 nd , May 2020	National
34	National webinar on Corona Pandemic and Economic Challenges in India	GAD-TLC centre of MHRD, SGTB Khalsa College, Delhi University on 3 rd , May 2020	National
35	A One-day National Online Seminar on Research Writing & Enhancing Visibility	jointly by IQAC & Library, supported by RUSA at Ramnarian Ruia Autonomous College, Mumbai on 21 st , May 2020	National
36	National webinar on Women in Higher Education: Issues and Challenges during Corona Pandemic	GAD-TLC centre of MHRD, SGTB Khalsa College, Delhi University on 27 th , May 2020	National
37	National webinar on Academic Integrity and Quality Measuring Tools in Research and Publication	Dr. Balkrisna Granthalaya and IQAC Govt. of Maharashtra's Rajaram College, Vidyanagar, Kolhapur on 31 st , May 2020	National
38	International Webinar on Role of Science & Technology for Developing Self-Dependent India	Department of Chemistry Janardan Rai Nagar Rajasthan Vidyapeeth (Deemed to be University), Udaipur & Indian Chemical Society, Kolkata (W.B.) June 3, 2020	International
	Quiz campaign of WORLD ENVIRONMENTAL DAY	Biodiversity club, Dept. of Botany and NSS unit of Shri Shivaji College of Agril. Biotechnology, Amravati on 5th June	
39	One Day National Webinar entitled "Teaching during and Post Corona Times	Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD held on 12 th June 2020	National
40	State level one day online Faculty Training Workshop on "Effective Ways of Online Teaching"	Conducted by First Year Engineering Department of PVPIT, Pune held on 12 th June 2020	State
41	One Day Premium Lecture/Webinar entitled "Curricula Reforms for 21st Century Higher Education"	Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD on 26 th July 2020	National
42	Two Day National Webinar entitled "Empowering Chemistry Teachers for 21 st Century Higher Education"	Jointly organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD and St. John's College, Agra on 28 th - 29 th July 2020	National

43	Workshop on Designing Quality Multiple Choice Questions	Organized by Association of Chemistry Teachers (ACT), c /o Homi Bhabha Centre for Science Education, Mumbai from 1 st to 10 th August 2020	National
44	Survey on topic Impact, Challenges and Probable Solutions for Education System amid COVID 19 Pandemic survey	Jointly organized by faculty of Department of Electronics, Hansraj College, University of Delhi, Delhi and Department of Chemistry, Hindu College, University of Delhi on 8/24/2020 7:29:04	National
45	One day international webinar on "Industrial Catalysis"	Catalysis Society of India (CSI), Mumbai Local Chapter in association with ICT – Mumbai & ACS India International Chapter, held on 3 rd October 2020	International
46	Virtual Meeting on "Chemistry in Ancient India"	Organized by three institutions, Prof. Vivek Polshettiwar (TIFR, Mumbai), Prof. Ayan Datta (IACS, Kolkata), and Prof. C. Malla Reddy (IISER, Kolkata), and supported by VIBHA, American Chemical Society (ACS), Royal Society of Chemistry (RSC), and Indian Chemical Society, Kolkata on 7 th November 2020	National
47	One Day Online Workshop on Intellectual Property Rights (IPR)	Shri Shivaji College of Arts, Commerce and Science, Akola, on 10 th Jan. 2021	Regional
48	Webinar on Catalysis for Sustainable Chemistry	Department of Chemistry, Shri Shivaji College of Arts, Commerce and Science, Akola on 20 th Mar. 2021	Regional
49	One Day State Level E-Workshop on Eco-Friendly Holi	Department of Botany, Shri R.L.T. College of Science, Akola on 27 th Mar. , 2021	State
50	One Day Online National Webinar entitled "Implementation of Academic Bank of Credits	Organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education on 10th July 2021	National
51	One day workshop on Performance-Based Appraisal System (PBAS)	Shri Shivaji College, Akola on 31 st July, 2021	Regional

Invited lectures and chairmanships at national or international conference / seminar

Sr. No.	Title of lecture	Title of Conference / Seminar	Organized by	Whether International / National
1	SUMMARY WRITING AND TIPS FOR OPEN DEFENCE VIVA	Online Short-term course on Research Methodology,	Shri R.L.T. college of science, Akola in collaboration with Ph. D. cell of SGB Amaravati University, Amaravati, AUCTA and microbiological society India on 13-16 th July 2020	National

Publications other than journal articles (Articles / Chapters published in books)

Book Title	Publisher	ISSN/ISBN No.
"A Text Book of Chemistry" of Fourth Semester of B.Sc. Part II, Unit V (4S Chemistry) (Colligative properties of Dilute Solution)	Prashant Publication, Jalgaon -2014	978-81-92613-4-6)

Research projects (Ongoing and Completed Research Projects)

Title	Funding Agency	Period	Grant (Rs lakh)
Glycosyl 1,3,4-thiadiazoles: Synthesis, Structure Elucidation and Antimicrobial Activity Relationship Investigation. (F47-1983/11 Date 21/02/2012) (Co-Investigator)	U.G.C., Ganesh Khind, Pune (Co-investigator)	(2012-2014)	1,35,000/-

Research guidance

Sr. No.	Number Enrolled	Degree awarded
Ph. D.	02	-

Fellowships and Awards

Fellowship/ Award	Award conferring Organization	Event Organized by
Best Poster Presentation	Regional seminar on Recent trend in heterocyclic compound in chemical, medicinal and pharmaceutical sciences, Amaravati	Department of Chemistry, Botony and Zoology, Mahatma Fule Arts, Commerce & Sitaramji Chaudhari Science Mahavidyalaya, Warud, Dist. Amaravati held on Mar.2 nd 2008

(DR. MAMATA T. SANGOLE)
(Assistant Professor)