

Curriculum Vitae

Name of Faculty:-Dr. Ajit Popat Ingale

Designation: - Assistant Professor

Qualifications: - M.Sc. Ph.D. NET.SET.GATE

Department: - Chemistry

Email: -ajitingale13@gmail.com.

Mobile No: - 9665892583



□ Academic Qualifications

Examinations	Board/University	Year of Passing	Percentage	Division/Class/Grade	Subject
SSC	Pune	2002	72.13%	First Class	English, Marathi, Hindi, Mathematics, Science, Social Science
HSC	Pune	2004	61.17%	First Class	English, Marathi, Chemistry, Biology, Physics, Mathematics
BSc	SPPU	2007	83.68%	Distinction	Chemistry
MSc	SPPU	2009	75.85%	Distinction	Organic Chemistry
NET	CSIR	2009	AIR-05	-	Chemical Science
SET	SPPU	2009	-	-	Chemical Science
GATE	IIT-Bombay	2013	AIR-486	-	Chemical Science

□ Research Degree(s)

Degrees	Title	Date of award	University
Ph.D	Development and Applications of novel Methodology for Synthesis of Organic Compounds	21/05/2019	Swami Ramanand Teerth Marathwada University, Nanded

□ Research Recognition

- Recognized Ph.D. Research Guide of Savitribai Phule Pune University under Science faculty and for the Chemistry subjects.

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□ **Human Resource Development Center Orientation/Refresher Course/FDP**

Sr. No.	Name of the Course / FDP/Summer School	Place	Duration	Sponsoring Agency
1	General Orientation Programme	ASC-SPPU, Pune	03/10/2013 to 30/10/2013	UGC, New Delhi
2	Refresher Course in chemistry	ASC-SPPU, Pune	01/12/2014 to 21/01/2014	UGC, New Delhi
3	Online Refresher Course In Chemistry For Higher Education	University of Delhi-Sri Guru Tegh Bahadur Khalsa College, Delhi	01/09/2019 to 31/12/2019	MHRD under PMMMNMTT, Delhi
4	One Week Faculty Development Program “Multimedia enriched e-Content Development”	SGTB Khalsa College, University of Delhi	21/05/2020 to 26/05/2020	MHRD under PMMMNMTT, New Delhi
5	One Week Faculty Development Program “Online Teaching & Learning in India”	Bodoland University, Assam	17/06/2020 to 22/06/2020	MHRD under PMMMNMTT, New Delhi
6	One Week Faculty Development Program “Development of Careers in Higher Education in India in the 21 st Century”	St. John’s College, Agra	23/06/2020 to 27/06/2020	MHRD under PMMMNMTT, New Delhi
7	One Week Virtual International Faculty Development Programme “Advanced Topics in Chemical Sciences”	N. G. M. College, Coimbatore, Tamil Nadu	15/05/2020 to 21/05/2020	N. G. M. College, Coimbatore, Tamil Nadu
8	Two Week Interdisciplinary REFRESHER COURSE on “Advanced Research Methodology”	TLC, Ramanujan College, New Delhi	22/03/2022 to 05/04/2022	MHRD under PMMMNMTT, New Delhi
9	Two Week Faculty Development Programme (equivalent to Refresher Course) in “Chemical Sciences”	TLC, Ramanujan College, New Delhi	01/02/2022 to 15/02/2022	MHRD under PMMMNMTT, New Delhi
10	Two - Week Inter-disciplinary Refresher Course on “Research Methodology”	TLC, Ramanujan College, New Delhi	20/02/2022 to 06/03/2022	MHRD under PMMMNMTT, New Delhi

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☐ **Research Papers in Scopus Peer- Reviewed or UGC listed Journals**

Sr. No.	Title of the Article/ Paper	Name of the journal	Vol. No. & PP / Month and Year	No. of Coauthors	ISSN No.	Impact Factor
1.	Lanthanum Chloride Catalyzed Novel And Efficient Protocol For Synthesis Of Substituted Quinoxaline At Room Temperature	Heterocyclic Letter	Vol. 6/ No.2/233-239/ April-2016	02	2230-9632	-
2.	Catalyst-free, efficient and one pot protocol for synthesis of nitriles from aldehydes using glycerol as green solvent	Tetrahedron Letter	Vol. 58/No.52/4845-4848/ November-2017	02	0040-0403	2.379
3.	Chemoselective N-tert butyloxycarbonylation of amines in glycerol	New Journal of Chemistry	Vol. 42/ 10142-10147/ /May 2018	03	1369-9261	3.288
4.	ZnO-NPs catalyzed condensation of 2-aminothiophenol and aryl/alkyl nitriles: Efficient green synthesis of 2-substituted benzothiazoles	Synthetic Commun.	Vol. 51/No. 10/1588-1601/ March- 2020	04	0039-7911	1.796
5.	Nanoceria as an efficient and green catalyst for the chemoselective N-tert-butyloxycarbonylation of amines under the solvent-free conditions	Synthetic Commun.	Vol. 51/No. 11/1656-1668/ March 2021	03	0039-7911	1.796
6.	Sulfated tungstate: A highly efficient, recyclable and ecofriendly catalyst for chemoselective N-tert butyloxycarbonylation of amines under the solvent-free conditions	Synthetic Commun..	Vol. 51/No. 11/1656-1668/ March 2021	03	0039-7911	1.796
7.	Cetrimonium Bromide Promoted Efficient Multi-component Protocol for Synthesis of 1-Amidoalkyl-2-naphthols in Aqueous Medium	Asian Journal of Chemistry	Vol 33/No- 7/1620-1630/June 2021	02	0970-7077	0.70
8.	Ultrasound-assisted efficient and green synthesis of 2-substituted benzothiazoles under solvent-free condition using recyclable sulfated tungstate	Synthetic Commun.	Vol. 51/No. 23/3629-3641/ August 2021	02	0039-7911	1.796
9.	Ultrasound promoted environmentally benign, highly efficient, and chemoselective N-tert-butyloxycarbonylation of amines by reusable sulfated polyborate	Synthetic Commun.	Vol. 51/No. 24/3768-3780/ August 2021	02	0039-7911	1.796
10.	Thiamine hydrochloride as a recyclable organocatalyst for the efficient and chemoselective N-tert-butyloxycarbonylation of amines	Synthetic Commun.	Vol. 51/No. 24/3791-3804/ August 2021	02	0039-7911	1.796
11.	Silica Triflate Promoted Highly Efficient and Solvent-Free One-Pot Multicomponent Protocol for Synthesis of 2-Amino-4H-Chromenes	Polycyclic Aromatic Compounds	online	02	1563-5333	3.744
12.	Sulfated Tungstate as a Heterogeneous Catalyst for Synthesis of 3-Functionalized Coumarins under Solvent-Free Conditions	Polycyclic Aromatic Compounds	online	06	1563-5333	3.744
13.	Novel Cobalt-Supported Silica-Coated Ferrite Nanoparticles Applicable for Acylation of Amine, Phenol, and Thiols Derivatives under Solvent-Free Condition	Chemistry Select	7 (26), e202201590	04	2365-6549	2.307

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14.	Molecular Docking Studies and Application of 6-(1Arylmethanamino)-2-Phenyl-4H-Chromen-4-Ones as Potent Antibacterial Agents	Polycyclic Aromatic Compounds	online	06	1563-5333	3.744
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P.G dissertation-M.Sc Students Project List

Sr. No.	Name of the Scholar	Title of the Thesis	Awarded	Name of the University	Month and Year
1	Patil Shripad Mukundrao	Catalyst Free Synthesis Of Nitriles From Aldehydes By Using Glycerol As Green Solvent	Yes	SPPU, Pune	April 2017
2	Sarkale Harsha Nilkant	"Nanoceria: A novel, Efficient and Recyclable Catalyst for the N-Boc Protection of Amines under solvent-free Conditions"	Yes	SPPU, Pune	April 2017
3	Kute Pooja Managldas	Iodine Promoted Efficient Synthesis of 3,5-Disubstituted 1 <i>H</i> -Pyrazoles from Acetophenone Hydrazone And Aldehydes	Yes	SPPU, Pune	April 2017
4	Suryawanshi Nilesh Vikram	Sulfated tungstate catalyzed chemoselective <i>N</i> - <i>Tert</i> -butyloxycarbonylation of amines	Yes	SPPU, Pune	April 2018
5	Suryawanshi Rahul Shankar	Sulfated tungstate catalyzed chemoselective <i>N</i> - <i>Tert</i> -butyloxycarbonylation of amines	Yes	SPPU, Pune	April 2018
6	Pawar Anuradha Maruti	Thiamine Hydrochloride as Efficient and Green catalyst for Chemoselective <i>N</i> - <i>Tert</i> -Butyloxycarbonylation Amines	Yes	SPPU, Pune	April 2019
7	Randhavan Hema Sambhaji	Thiamine Hydrochloride as Efficient and Green catalyst for Chemoselective <i>N</i> - <i>Tert</i> -Butyloxycarbonylation Amines	Yes	SPPU, Pune	April 2019
8	More Vishal Kailas	Chemoselective <i>N</i> - <i>tert</i> -butyloxycarbonylation of amines in glycerol	Yes	SPPU, Pune	April 2019
9	Gangarde Uddhav Shahaji	Chemoselective <i>N</i> - <i>tert</i> -butyloxycarbonylation of amines in glycerol	Yes	SPPU, Pune	April 2019
10	Shinde Rupali Mahadeo	Iodine Promoted Efficient Protocol for Synthesis of 3,5-Disubstituted Pyrazoles from Acetophenone Hydrazone and Aldehydes	Yes	SPPU, Pune	April 2019
11	Thorat Komal Ashok	Iodine Promoted Efficient Protocol for Synthesis of 3,5-Disubstituted Pyrazoles from Acetophenone Hydrazone and Aldehydes	Yes	SPPU, Pune	April 2019

Research Projects Completed/ Ongoing

Sr. No.	Title of the Project	Funding Agency	Grant sanctioned	Duration	Project Status
1	Synthesis, Characterization and biological evaluation of 2,5-disubstituted 1,3,4-oxadiazole containing quinoxaline, pyrido-[2,3,b]-pyrazinemoiety	BCUD SPPU Pune	180000/-	2015-2017	Completed
2	Synthesis, Characterization and biological evaluation of 2,5-disubstituted 1,3,4-oxadiazole containing quinoxaline, pyrido-[2,3,b]-pyrazine and pyrazole moiety	WRO-UGC New Delhi	435000/-	2017-2019	Completed
3	Development of Novel Green Methodologies in Organic	Aspire Project	250000/-	2019-2021	Ongoing

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	Chemistry and their Applications in the Synthesis of Bioactive Compounds	SPPU, Pune			
4	Development of Catalyst-free and Solvent-free Methodology for Synthesis of Organic Compounds	IQAC Dada Patil College, Karjat	15000/-	2020-21	Completed

Invited lectures / Resource Person/ paper presentation in Seminars

Sr. No.	Name of the Programme	Name of Organizing Agency	Level	Title of the Paper	Date
1	Environment & Chemistry	BCUD, SPPU, Pune Mahatma Phule Nutan College, Mirajgaon	State	Application of green solvents & green catalyst in sustainable industrial development	29-30 September 2016
2	Recent Advances in Spectroscopic Methods of Structure Determination	BCUD, SPPU, Pune S. C. S. College, Shrigonda	National	Application of Mass spectrometry in organic chemistry	24-25 December 2016
3	Recent Trends in Synthesis & Application of Nanomaterials	BCUD, SPPU, Pune Dada Patil College, Karjat	National	Chemoselective <i>N</i> -tert-butylloxycarbonylation of amines	8-9 December 2017
4	Recent Trends in Nanotechnology	BCUD, SPPU, Pune M. J. S. College, Shrigonda	National	ZnO-NP catalyzed efficient & green synthesis of 2-substitute benzothiazoles	30-31 January 2019
5	Application of Green Catalyst & Green Solvents for Sustainable Industrial Development	BCUD, SPPU, Pune Dada Patil College, Karjat	National	Catalyst-free and efficient protocol for synthesis of aryl nitriles by using green solvent	23-24 January 2020
6	Interdisciplinary Research in Chemical & Life Sciences	BCUD, SPPU, Pune M. J. S. College, Shrigonda	National	Efficient protocol for synthesis of quinoxaline using recyclable sulfated tungstate	17-18 February 2020
7	New Pathways in Chemistry	N. G. Acharya & D. K. Marathe College of ACS, Chembur, Mumbai	International	Thiamine hydrochloride as efficient & Green catalyst For chemoselective <i>N</i> -tert-butylloxycarbonylation of amines	24-25 May 2020
8	Interdisciplinary Approaches In Chemical Sciences	Abasaheb Garware College, Pune	International	Sulfated tungstate: a highly efficient, recyclable and ecofriendly catalyst	21-23 October 2021
9	Recent Trends in Green and Sustainable Development in Chemical Sciences	K.R.T. Arts, B.H. Commerce and A.M. Science (KTHM) College, Nashik	International	Nanocerium as an efficient and green catalyst for the chemoselective <i>N</i> -tert-butylloxycarbonylation of amines under the solvent-free conditions	25-27 October 2021

I hereby declare that all the details furnished here are true to the best of my knowledge and belief.

Dr. Ajit P Ingale
(Assistant Professor)