BIO DATA

Prof. (Dr.) Vikas Narendra Telvekar
Dean, Faculty of Science & Technology (Punyashlok Ahilyadevi Holkar Solapur University, Solapur)
Former, Head-Department of Pharmaceutical Sciences and Technology (ICT Mumbai)
Former, Dean-IQA (ICT Mumbai)

Fellow of Maharashtra Academic of Sciences
Fellow of Indian Chemical Society
Raman Fellow
BOYSCAST Fellow
DST fast Track Fellow



EDUCATION:

- Post-Doctoral, University of Missouri-St. Louis, USA, 2017
- Post-Doctoral, St. John's University, New York, USA, 2011
- Ph. D. (Tech.) in Pharmaceutical Chemistry, University of Mumbai (UDCT), 2003
- M.Sc. (Tech.) in Pharmaceutical Chemistry, University of Mumbai (UDCT), 1998
- B.Sc. (Tech.) in Pharmaceutical and Fine Chemicals, University of Mumbai (UDCT), 1995
- B.Sc. (Chemistry), Mumbai University, 1992

AWARDS & HONORS:

- Mid-Career Award UGC-BSR (2021-23)
- Elected, Fellow of Indian Chemical Society (2021)
- Coordinator of Pandit Madan Mohan Malaviya National Mission on Teachers Teaching (2018)
- Raman Post-Doctoral Fellowship for USA, Awarded by UGC, India, USA (2017)
- Bentham Publication Published Video on the based on Anti-TB research (2014)
- Elected, Fellow of Maharashtra Academy of Science (2013)
- BOYSCAST Fellowship for USA, by Ministry of Science and Technology, Government of India, (2011)
- Awarded SERC Fast Track Proposal for Young Scientist by Department of Sciences and Technology (2010)
- John Wiley & Sons Publication honorably invited to write chapter in "Encyclopedia of Reagents for Organic Reactions" 2nd Edition (2009)
- Awarded TEQIP fellowship for Research/training in USA (Three months) (2007)

INDUSTRIAL APPOINTMENTS:

- **R & D Manager,** Gharda Chemicals Ltd., Dombivali, June 2002 to May 2003
- **R & D Manager,** Khandelwal Laboratories Pvt. Ltd. Thane, May 1998- Dec 1998
- **Production Manager**, Nivedita Chemicals Pvt Ltd, Andheri, June 1995 to Dec 1995

ADMINISTRATIVE APPOINTMENTS:

- ► Head, Department of Pharmaceutical Sciences and Technology (ICT, 1st Jan 2025-17 August 2026)
- ► Appointed as Vice Chancellor's nominee (University of Mumbai) in the Board of Studies of SVKM BNCP College under Autonomous Status. (01/3/2025 to 28/2/2028)
- ► Dean, Internal Quality Assurance (ICT, 1st Nov, 2021 to 31st Dec, 2024)
- ► Appointed as Vice Chancellor's nominee in the Academic Council of SVERI's College of Engineering, Pandharpur under Autonomous Status. (01/02/2024 to 31/01/2027)
- ► Appointed as Member of Research Recognition Committee by K. G. Somaiya College of Sciences and Commerce, Mumbai (1/02/2024 to 31/01/2029)
- ► Chairman, Undergraduate admission Committee (ICT, 2021-2022)
- ► Coordinator, PMMMNMTT Faculty Development Center (2018-till date)
- ► Coordinator, RUSA (2018-till date)

RESEARCH GUIDENCE:

Degree	Completed	Ongoing	Total
Ph.D. (Tech.)	18	08	26
Ph.D. (Sci.)	10	00	10
Total	28	08	36

Degree	Completed	Ongoing	Total
M. Pharma	33	08	41
M. Tech	14	02	16
M. Sc.	03	00	03
Total	50	10	60

PATENTS GRANTED and Commercialized (As inventor)

- ► **Title**: Method for Production of 2,3-Dihydroxy-1,2-benzisothiazole-3-one-1,1-dioxide
  Granted No: 311632 (Date; 25/04/2019)

- ► **Title:** Process for producing 2-hydroxy-3,5-diiodobenzoic acid
  Granted No: 274805 (Date: 10/08/2016)

REFEREE FOR INTERNATIONAL PRE-REVIEWED JOURNALS

- ► Tetrahedron Letters
- ► Current Organic Chemistry
- ► Chemical Biology & Drug Design
- ► Medicinal Chemistry Research
- ► J. of Enzyme Inhibition and Medicinal Chemistry
- ► J. of Organic Chemistry
- ► Synthesis
- ► Synthetic Communication
- ► European J. of Medicinal Chemistry
- ► Computer Drug Design Letters
- ► Bioorganic Medicinal Chemistry
- ► Immunological Techniques in Infectious Diseases
- ► ChemistrySelect
- ► J of Organic Preparative Procedure

INVITED TALK / RESOURCE PERSONE

- ► ResearchFora - International Conference on Science, Engineering & Technology - ICSET. "Application of Hypervalent Iodine Reagents in Chemical Synthesis" Paris, France on 25- 26th January, 2019.
- ► Guest speaker in the seminar entitle, Iodine reagents in Organic Synthesis, organized by Department of Chemistry and Biochemistry, University of Missouri-St Louis, 13 Feb 2017

- Research and Developments in Synthetic Chemistry, National Conference, Organized by Agasti Arts, Commerce & Dadasaheb Rupwate Science Gollege, Akole, Sponsored by Savitribai Phule Pune University, 29-30th Dec, 2017
- New Research Trends in Chemistry and its Application in Environmental Chemistry, National Conference Organized by Department of Chemistry, SNJBs KKHA Arts, SMGL Comm. and SPHJ Sciences College, Chandwad Sponsored by University Grants Commission (WRO), Pune, 26-27th Feb, 2016
- Chemical Science-Challenges and Opportunities, State seminar, Organized by Department of Chemistry, Arts, Science and Commerce College, Saikheda and B.C.U.D Savitribai Phule Pune University, 9th Jan 2016
- Chemistry for Overall Development of Human Being, National Seminar, Organized by K.S.K.W, Nashik, Sponsored by Savitribai Phule Pune University, 16 -17th January, 2015

WORKED AS CONSULTANT TO VARIOUS INDUSTRIES:

Developed new products and processes developments for industries. Name of few Industries as follows:

- DSM Sinochem Pharmaceuticals India Pvt. Ltd.
- Ajanta Pharma Limited
- Aarti Drugs Limited
- Gharda Chemicals Limited
- AMRI India Private Limited
- Sharon Biomedicine Ltd.
- Viswa Laboratories Ltd
- Arch Pharmalabs Limited
- Optimus Pharma (P) Limited
- Glenmark Pharmaceuticals Ltd
- Dr. Reddys' Laboratories Ltd
- Diversey India Pvt. Ltd.
- B. J. Corporation
- Bal Pharma Limited

ORGANIZED FACULTY DEVELOPMENT PROGRAM (Two weeks) AT VARIUOS PLACES under the Scheme of PMMMNMTT

- Faculty development program in Clinical Data Management, at Institute of Chemical Technology, 17-27 Dec, 2018
- Faculty development program in Clinical Data Management, at Institute of Chemical Technology, 23-1 Sep, 2019
- Faculty development program in Marketing Management, at Institute of Chemical Technology, 6-15 Jan, 2019
- Faculty development program in Marketing Management, at Yashwantrao Bhonsale College of Pharmacy, Sawantwadi, 18-27 Sep, 2019
- Faculty development program in Industry Pharmacy I, at Rajaram and Tarabai Bandekar College of Pharmacy, Goa, 16-25 Sep 2019
- Faculty development program in Industry Pharmacy I, at Rajarshi Shahu College of Pharmacy, Buldhane, 15-24 Nov, 2019
- Faculty development program in Industry Pharmacy I, at Krishna Medicinal Sciences, Karad, 20-29 Nov, 2019
- Faculty development program in Industry Pharmacy II, at Marathwada Mitramandal College of Pharmacy, Pune 18-27 November 2019
- Faculty development program in Industry Pharmacy III, at Tatyasaheb Kore College of Pharmacy, Kolhapur, 9-18 Dec, 2019

ORGANIZED FACULTY DEVELOPMENT PROGRAM (One week) under MSFDA

- Faculty development program in "Innovation and Entrepreneurship" at Institute of Chemical Technology, 11-16 Sep, 2023
- Faculty development program in "Innovation and Entrepreneurship" at Institute of Chemical Technology, 18-23 March, 2024

CSR Donation from Organization Collected (***Rs. 42 Lakh***)

MONOGRAPH/CHAPTER WRITTEN IN REFERNCE BOOKS

No	Book	Title	Publisher
▸	Quality Standards of Indian Medicinal Plants, Vol-17 (2019) K. S. Laddha and **V. N. Telvekar**	Monographs (3) 1.*Caesalpinia bonduc* (Linn.) Roxb. 2.*Ficus lacor* Buch.-Ham. 3.*Pavetta tomentosa* Roxb. ex Sm	Published by Indian Council of Medical Research, Government of India, New Delhi ISSN: 0972-7213
▸	Quality Standards of Indian Medicinal Plants, Vol-16 (2018) K. S. Laddha and **V. N. Telvekar**	Monographs (13) 1.*Althaea officinalis* Linn. 2.*Anacyclus pyrethrum* DC 3.*Arnebia benthamii* 4.*Astracantha gummifera* (labill.) Podlech 5.*Borassus flabellifer* Linn. 6.*Commiphora caudate* (Wight & Arn.)Engl. 7.*Crateva religiosa* G. Forst 8.*Lobelia nicotianifolia* Roth ex Schult 9.*Maranta arundinacea* Linn. 10.*Parmelia perlata* (Huds.) Ach. 11.*Plectranthus amboinicus* (Lour.) 12.*Premna serratifolia* Linn 13.*Selinum vaginatum* (Edgew.) C. B. Clark	Published by Indian Council of Medical Research, Government of India, New Delhi ISSN: 0972-7213
▸	Quality Standards of Indian Medicinal Plants, Vol-15 (2017) K. S. Laddha and **V. N. Telvekar**	Monographs (13) 1.*Artemisia absinthium* Linn. 2.*Bauhinia racemosa* Lamk. 3.*Berberis aristata* DC. 4.*Blepharis edulis* (Forssk.) Pers. 5.*Carapichea ipecacuanha* (Brot) L. Andersso 6.*Cordia dichotoma* G. Forst. (Ripe fruit) 7.*Cordia dichotoma* G. Forst. (Stem bark) 8.*Diospyros exsculpta* Buch. –Ham 9.*Diospyros malabarica* (Desr.) Kostel. 10.*Flacourtia indica* (Burm. f.) Merr. 11.*Lantana camara* Lrnn. 12.*Punica granatum* Linn. 13.*Vitis vinifera* Ltnn.	Published by Indian Council of Medical Research, Government of India, New Delhi ISSN: 0972-7213
▸	Quality Standards of Indian Medicinal Plants, Vol-14 (2016) K. S. Laddha and **V. N. Telvekar**	Monographs (7) 1.*Alectra parasitica* Rich. ssp. 2.*Althaea fficinalis* Linn. 3.*Antiaris toxicaria* (Pers.) Lesch. 4.*Apama siliquosa* Lamk. 5.*Aristolochia indica* Linn.	Published by Indian Council of Medical Research, Government of India, New Delhi ISSN: 0972-7213

		6.*Brassica campestris* Linn. (Oil) 7.*Prosopis cineraria* (Linn.) Druce	
►	Quality Standards of Indian Medicinal Plants, Vol-13 (2015) K. S. Laddha and **V. N. Telvekar**	Monographs (4) 1.*Ammi visnaga* (Ltnn.) Lamk 2.*Bauhinia vahlii* Wight & Arn 3.*Brassica campestris* Linn. 4.*Ficus benghalensi* Linn.	Published by Indian Council of Medical Research, Government of India, New Delhi ISSN: 0972-7213
►	Quality Standards of Indian Medicinal Plants, Vol-12 (2014) K. S. Laddha and **V. N. Telvekar**	Monographs (13) 1.*Abrus precatorius* 2.*Aegle marmelos* 3.*Aesculus hippocastanum* 4.*Amaranthus tricolor* 5.*Buchanania lanzan spreng* 6.*Cassia fistula* 7.*Clerodendrum phlomidis* 8.*Derris indica* 9.*Dryopteris filix*-mas 10.*Eucalyptus globules* 11.*Lepidium dativum* 12.*Leptadenia reticulate* 13.*Sesamum oriental*	Published by Indian Council of Medical Research, Government of India, New Delhi ISSN: 0972-7213
►	Quality Standards of Indian Medicinal Plants, Vol-11 (2013) K. S. Laddha and **V. N. Telvekar**	Monographs (6) 1.*Adhatoda zeylanica* Medik 2.*Amorphophallus paeoniifolius* (Dennst.) 3.*Argyreia nervosa* 4.*Linum usitatissimum* 5.*Vitex negundo* 6.*Mucuna pruriens*	Published by Indian Council of Medical Research, Government of India, New Delhi ISSN: 0972-7213
►	Encyclopedia of Reagents for Organic Synthesis, 2nd Edition, pg. 4576, **2009** **V. N. Telvekar**	P_2I_4 (Diphosphorous Tetraiodide)	John Wiley & Sons Publication ISBN: 9780471936237

RESEARCH WORK HIGHLIGHTED IN ORGANIC CHEMISTRY PORTAL *(offers an overview of recent topics, interesting reactions, and information on important chemicals for organic chemists)*

► L-Proline: An efficient organocatalyst for the synthesis of 5-substituted 1H-tetrazoles via [3+2] cycloaddition of nitriles and sodium azide, S. B. Bhagat, V. N. Telvekar, *Synlett*, 2018, *29*, 874

► Synthesis of Nitro Imidazo[1,2-a]pyridines using Iodine Reagent, P. B. Jagadhane, V. N. Telvekar, *Synlett*, 2014, *25*, 2636

► A novel strategy for the construction of azole heterocycles via an oxidative desulfurization approach using iodobenzene and oxone, K. N. Patel, N. C. Jadhav, P. B. Jagadhane, V. N. Telvekar, *Synlett*, 2012, *23*, 1970

► A Novel System for the Synthesis of 2-Aminobenzthiazoles using Sodium Dichloroiodate, V. N. Telvekar, H. M. Bachhav, V. K. Bairwa, *Synlett*, 2012, *23*, 2219

►Oxidative Decarboxylation of 2-Aryl Carboxylic Acids Using (Diacetoxyiodo)benzene for Preparation of Aryl Aldehydes, Ketones, and Nitriles, V. N. Telvekar, K. A. Sasane, *Synlett*, 2010, 2778

PUBLICATIONS – INTERNATIONAL (Research Peer Reviewed only) as a **Principal Author (105)**

REPRESENTATIVE SELECTED PUBLICATIONS

No.	Name of the Journal	Title of the paper	Author (s) Name	Year and Page No.
1	*Organic Preparations and Procedures International*	Rapid efficient synthesis of 1,2,4-triazolidine-3-thiones in aqueous medium using multiphase bismuth iron oxide (mBFO) catalyst	KJ. Pawar, AY. Dhodi, PK. Bhadke, AA. Yadav, Seok-Won Kang, GS. Gund, VN. Telvekar*	**2026**,127
2	*Research on Chemical Intermediates*	Guanidine hydrochloride-catalyzed synthesis of hexahydroquinoline-3-carboxamide derivatives in aqueous medium: an efficient and expeditious approach	AB. Barkule, YU. Gadkari, SB. Lomte, SM. Ghodse, VN. Telvekar*	**2025**, 6225
3	*Organic Preparations and Procedures International*	Guanidine Hydrochloride Catalyzed Efficient and Expeditious One-Pot Synthesis of 2, 4, 5-triaryl Imidazole Derivatives	SB. Lomte, YU. Gadkari, AB. Barkule, VN. Telvekar*	**2025**, 281
4	*J. of Chemical Sciences*	Efficient and Expeditious one-pot multicomponent synthesis of Benzodiazepines using Thiamine hydrochloride under an aqueous environment	RD. Shanbhag, YU. Gadkari, AB. Barkule, SB. Lomte, VN. Telvekar*	**2025**, 35
5	*J. of Biomolecular Structure and Dynamics*	Comprehensive computational study in the identification of Novel potential cholesterol lowering agents targeting Proprotein Convertase Subtilisin/Kexin Type 9	D. Maliwal, RS. Pissurlenkar, VN. Telvekar*	**2024**,4656
6	*ChemistrySelect*	Guanidine Hydrochloride Catalyzed One-Pot Multi-Component Synthesis of Pyrazolopyranopyrimidine	AB. Barkule, YU. Gadkari, SS. Salim, SB. Lomte, VN. Telvekar*	**2023**,e0099
7	*Synthetic Communication*	β-cyclodextrin: Green catalyst for the efficient and expeditious synthesis of Benzodiazepines under aqueous conditions	LB. Masram, SS. Salim, YU. Gadkari, PB. Bhadke, VN. Telvekar*	**2022**, 2057
8	*J. of Heterocyclic Chemistry*	One pot synthesis of α-N- heteroaryl ketone derivatives from aryl ketones using aqueous $NaICl_2$	SM. Ghodse, NT. Hatvate, VN. Telvekar*	**2022**, 800
9	*Polycyclic*	One-Pot Multicomponent Synthesis of 3-Methyl-4-	AB. Barkule, YU.	**2022**, 5870

	Aromatic Compounds	(Hetero) Arylmethylene Isoxazole-5 (4H)-Ones Using Guanidine Hydrochloride as the Catalyst under Aqueous Conditions	Gadkari, VN. Telvekar*	
10	*Sustainable Chemistry and Pharmacy*	Solar energy as a renewable energy source for preparative-scale as well as solvent and catalyst-free Hantzsch reaction	YU. Gadkari, NT. Hatvate, VN. Telvekar*	**2021**, 100444
11	*Chemical Biology & Drug Design*	Novel peptidomimetic peptide deformylase (PDF) inhibitors of *Mycobacterium tuberculosis*	K. Gokhale, VN. Telvekar*	**2021,** 148
12	*New J of Chemistry*	Concentrated solar radiation as a renewable heat source for a preparative-scale and solvent-free Biginelli reaction	YU. Gadkari, VN. Telvekar*	**2020,** 8167
13	*European J. of Medicinal Chemistry*	Transferrin conjugates of antitubercular drug isoniazid: Synthesis and in vitro efficacy	YB. Sutar, JK. Mali, VN. Telvekar*, RS. Rajmani, A. Singh	**2019,** 111713
14	*Materials Science & Engineering C*	based copolymer-drug conjugate and its protein targeted polyelectrolyte complex nanoparticles to enhance the efficiency and specificity of low potency anticancer agent	YB. Sutar, VN. Telvekar*	**2018,** 393
15	*Tetrahedron Letters*	Transition metal free large-scale synthesis of vinyl chlorides from vinyl carboxylic acids using bleach	NT. Hatvate, BS. Takale, SM. Ghodse, VN. Telvekar	**2018,** 3892
16	*Synlett*	L-Proline: An efficient organocatalyst for the synthesis of 5-substituted 1H-tetrazoles via [3+2] cycloaddition of nitriles and sodium azide	SB. Bhagat, VN. Telvekar*	**2018**,874
17	*Medicinal Chemistry Research*	Design, synthesis and molecular docking study of novel pyrrole-based α-amylase and α-glucosidase inhibitors	NC. Jadhav, AR. Pahelkar, NV. Desai, VN. Telvekar*	**2017,** 2675
18	*RSC Advances*	Readily switchable one-pot 5-*exo-dig* cyclization using palladium catalyst	J. Mali, BS. Takale, VN. Telvekar*	**2017,** 2231
19	*Combinatorial Chemistry & High throughput Screening*	Synthesis and biological evaluation of Novel N' (4-phenoxybenzylidene)-1H-benzo[d]imidazole-2 carbohydrazide derivatives as anti-tubercular agents	AA. Siddiki, VK. Bairwa, VN. Telvekar*	**2014,** 630
20	*Bioorganic & Medicinal Chemistry Letters*	Novel N'-benzylidene benzofuran-3-carbohydrazide derivatives as anti-tubercular and anti-fungal agents	VN. Telvekar*, A. Bellubi, VK. Bairwa, K. Satardekar	**2012,** 2343