

1. Profile Information:

- Name of Faculty: Dr. Suhas Shamrao Mohite
- Position: Associate Professor
- Name of College: Yashwantrao Mohite College of Arts, Science and Commerce, Pune.
- Teaching Experience: 21 Years
Research Experience: 10 Years
- Institute Email ID: suhas.mohite@bharativedyapeeth.edu
Personal Email ID: drsuhasmohite2015@gmail.com
ORCID Link: <https://orcid.org/0000-0001-8549-7367>
Research Gate Link: <https://www.researchgate.net/profile/Suhas-Mohite-3>
Google Scholar Link:
<https://scholar.google.com/citations?hl=en&user=6FOKcOsAAAAJ>
- Profile (Bio): Dr. Suhas Mohite is Associate Professor at Bharati Vidyapeeth (Deemed To be) University, Yashwantrao Mohite College of Arts, Science and Commerce, Pune. He is a faculty in Department of Chemistry. So far, he has published more than 13 research articles in Scopus indexed international journals which has received citations of more than 63 & h-index of 3.

2. Education:

- Ph.D. in Chemistry, 2015
Department of Chemistry, Bharati Vidyapeeth (Deemed to be University), Pune, India.
- M.Sc. in Chemistry, 2000
Savitribai Phule Pune University, Pune, (Abasaheb Garware College, Pune)
- B.Sc. in Chemistry, 1998
Savitribai Phule Pune University, Pune, (Yashwantrao Mohite College, Pune)

3. Experience:

Working experience of 21.08 years in Bharati Vidyapeeth (Deemed to be University) Pune 43 in the following designations.

Sr. No.	Designation	Service Period	Name of College
1.	Assistant Professor in Chemistry	02/09/2002 to 31/07/2015 (12.11 years)	BVDU College of Engineering, Pune
2.	Associate Professor in Chemistry	01/08/2015 to 20/02/2020 (04.06 years)	BVDU College of Engineering, Pune
3.	Assistant Professor in Chemistry	21/02/2020 till date	BVDU Yashwantrao Mohite College, Pune
	Total Experience	21.08 yrs.	

4. Research:

- Citations: 63
- h-Index: 03
- i10-Index: 01
- RG Score: 62.2
- Research Papers Published (International): 13

5. Conferences/Workshops/FDPs Attended/Presented:

1.	Participated in 5th International congress of chemistry and environment held at Port Dickson, Malaysia on 27 to 29 May 2011, organized by Research journal of chemistry and environment.
2.	Participated and successfully completed a 4-Week Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from June 04 - July 01, 2020 and obtained grade B+ which was organized by Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of Ministry human resource development Pandit Madan Mohan Malaviya National Mission on teachers and training.
3.	Participated and successfully completed one week online National faculty development programme/Refresher course on "Enhancing quality of chemistry education in India" and obtained A grade which was organized by Guru Angad Dev teaching learning centre S.G.T.B. Khalsa College, University of Delhi under PMMMMNMTT, Ministry of education, New Delhi from 25 th February -3 rd March 2021
4.	Participated and successfully completed one week online National faculty development programme /Refresher course on "Assessment and Evaluation in higher education" and obtained B grade which was organized by Guru Angad Dev teaching learning centre S.G.T.B. Khalsa College, University of Delhi under PMMMMNMTT, Ministry of education, New Delhi from 14 th -20 th July 2021
5.	Participated and successfully completed AICTE Training and Learning (ATAL) Academy one week online Elementary faculty development programme on "Innovation Management" from 20/09/2021 to 24/09/2021 at Bharati Vidyapeeth (Deemed to be university) Institute of Management and Entrepreneur Development, Pune
6.	Participated and successfully completed Two Week online faculty development programme in "Chemical Sciences" from 01 February to 15 February 2022 and obtained A+ grade which was organized by Teaching Learning Centre, Ramanujan College, University of Delhi in collaboration with IQAC, Miranda house, University of Delhi under the aegis of Ministry human resource development Pandit Madan Mohan Malaviya National Mission On Teachers and training
7.	Participated and successfully completed Two Week online Refresher course on Chemistry from 29 th November to 13 th December 2022 and obtained A+ grade which was organized by Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of Ministry Education Pandit Madan Mohan Malaviya National Mission on teachers and training
8.	Participated and successfully completed Two Week online Refresher course on Chemistry from 15 th December to 29 th December and obtained A grade which was organized by Teaching Learning Centre, Ramanujan College, University of Delhi in collaboration with Kandaswami Kandars college, Velur, Tamilnadu under the aegis of Ministry Education Pandit Madan Mohan Malaviya National Mission on teachers and training
9.	Participated in One Day Online National Workshop entitled "ICT Tools For Chemistry Teachers" 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 (PMMMMNMTT) of Ministry of Education on 22 nd February 2021. (This is equivalent to a regular National Workshop)

10.	Attended webinar on “Guidelines for writing Research Paper” organized by ARASU Engineering college, Kumbakonam on 22 nd May 2020.
11.	Participated in One day International Conference on "Innovative Thinking in Science and Technology" organized by Internal Quality Assurance Cell (IQAC) and Institution’s Innovation Council (IIC) of BV(DU)Yashwantrao Mohite College of Arts, Science and Commerce, Pune, India held on Tuesday, 23 rd February 2021
12.	Participated and presented a paper in oral session of International E Conference on “Sustainable Development in Chemistry and Scientific Applications 2021” on topic, Brönsted acid hydrotrope combined catalysis in water: A green approach for the synthesis of indoloquinoxalines and bis-tetronic acids, organized by Department of Chemistry, Sadguru Gadage Maharaj college, Karad during 16 th -17 th December 2021.
13.	Participated in IP Awareness/Training program under NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION on April 27,2022 Jointly Organized by Intellectual Property Office and MoE's Innovation Cell, India
14.	Attended one day National webinar on “Green Chemistry” organized by Department of Chemistry, Ramkrishna Paramhansa Mahavidyalaya, Osmanabad on 12 th March 2023.
15.	Attended Two-day workshop on “Academic Leadership and Governance” organized by Bharati Vidyapeeth and Bharati Vidyapeeth (deemed to be University), Pune on 11 th and 12 th March 2023 in Pune.

7. Publications:

No. Sr.	Title of the Paper	Journal, ISSN, IF and Publisher	Year, Vol. No., Page No.	Author / Co-author
1	“Low temperature synthesis of novel MoBiCuSe ₄ nanowire thin films by vacuum deposition method and their characterization”	<i>Research Journal of Chemistry and Environment</i> , 15 0972 0626 IF: 0.323 Pub in International congress of Chemistry and Environment	June 2011 15/02 653-657	Suhas S. Mohite, Kharade R. R., Mali S. S., Kanase D. G., Patil P. S., Bhosale P. N.
2	Hybrid physicochemical synthesis & electrochromic performance of WO ₃ /MoO ₃ thin films.”	<i>Electroanalysis</i> , 26 1040 0397 IF: 2.5 Wiley VCH publishing	Nov 2014 26/11 2388-2397.	Suhas S. Mohite, R. R. Kharade , S. S. Mali , V. V. Kondalkar, P. S. Patil, P. N. Bhosale

3	“Single source precursor for vacuum evaporation of MoBi ₂ Se ₅ photoactive thin films”	<i>Journal Materials Science: Materials in Electronics</i> , 0957 4522 IF: 1.966 Springer Publishing	May 2015	Suhas S. Mohite , Sawanta S. Mali, Rohini R. Kharade, Chang Kook Hong, Dhanaji G. Kanase, Pramod S. Patil, Popatrao N. Bhosale
4	Bronsted acid hydrolysis combined catalysis in water: a green approach for the synthesis of indoloquinolines and bis-tetronic acids	Research on Chemical Intermediates 0922 6168 IF: 2.3 Springer Publishing	June 2021 47 2263-2278	Suhas S. Mohite , A Kumbhar, D. G. Kanase, T. Lohar
5	An efficient Cu ₂ Zn _{1-x} In _x Sn(S,Se) ₄ multicomponent photocathode via one-step hydrothermal approach for thin film solar cell	Journal of Materials Chemistry C 2050 7526 IF: 7.393 Royal Society of Chemistry	Feb 2022 09/2022 https://doi.org/10.1039/D1T04942A 3447-3460	Suhas S. Mohite , Satish S. Patil, Sameer N. Nadaf, Kishorkumar V. Khot, Rahul M. Mane, Sawanta S. Mali, Chang Kook Hong Popatrao N. Bhosale

No. Sr.	Title of the Paper	Journal, ISSN & IF	Year, Vol. No., Page No.	Author / Co-author
6	Analysis of Mula-Mutha river water for its Physico- chemical characteristics, Pune (INDIA)	Pollution research EM International 0257-8050	March 2022 41/03 1112-1115	Suhas S Mohite , S D Jadhav
7	Role of aromatic ring spacer in homo-coupled conjugated microporous polymers in selective CO ₂ separation	Journal of Applied Polymer 1097 4628 IF: 3.125 Wiley publishing	June 2022, 139/28	Suhas S Mohite , Sachin Tanaji Mane, D. G. Kanase
8	One Drop Organocatalyzed Multicomponent Synthesis of Pyrazolo[1,2-b]phthalazine-diones and Pyrazolophthalazinyl Quinolines	Research On Chemical Intermediates 1097-4628 IF:3.125 Springer Publishing	June 2022	Suhas Mohite , <u>Madhuri Barge</u> , <u>Gajanan Rashinkar</u> , <u>Dhanaji Kanase</u> ., <u>Trushant Lohar</u>

9	Recent Study on Fluorescent Organic Nanoparticles as Chemosensors for Recognition of Metal Ions	Journal of Emerging Technologies and Innovative Research (JETIR) 2349-5162	Oct-22 09/10 99-112	Shilpa Y. Salunkhe, Dhanaji G. Kanase, Suhas S. Mohite, Sachin T. Mane, Prashant V. Anbhule
10	Development of a Bioanalytical Method for the Determination of Aureofungin and Its Sodium Salt Derivative Using HPLC: an Application to Pharmacokinetic Studies	Journal of Analytical Chemistry 1061-9348 IF: 3.205 Elsevier Publishing	July 2023 78/08 1029-1040	Suhas S Mohite Sathiyarayanan Lohidasan, Sandeep Sankaran; Raj Soni; Arulmozhi S; Sahebrao M More;
11	Stimuli-Responsive Design of Metal–Organic Frameworks for Cancer Theranostics: Current Challenges and Future Perspective	ACS Biomaterials Science and Engineering 4497-4526 IF:02	Aug-23	Jidnyasa Pantwalawalkar, Prachi Mhetar, Sopan Nangare, Rushikesh Mali, Anil Ghule, Pravin Patil, Suhas Mohite, Harinath More, and Namdeo Jadhav*
No.	Title of the Paper	Journal, ISSN & IF	Year, Vol. No., Page No.	Author / Co-author
12	Nano-antimicrobial Materials: Alternative Antimicrobial Approach	Nanomaterials for Sustainable Development Opportunities Book Chapter	May-23 137-171	Rashmi P. Sharma, Shubhangi D. Shirsat, Pritamkumar V. Shinde, Suhas S. Mohite, and Rajaram S. Mane
13	Solution-processed Sb ₂ O ₃ : A promising electrode material for high-performance supercapacitors and electrocatalysts	Journal of Energy Storage 2352-152X IF:9.4	25-Apr-24 89	Zeenat A. Shaikh a, Siddheshwar D. Raut b, Hamdan M. Danamaha a, Chetan Kamble c, Pritamkumar V. Shinde d, Shoyebmohamad F. Shaikh e,*, Suhas S. Mohite f, Harshada A. Barve a, Krishna Chaitanya

				Gunturu g, Rajaram S. Mane a,*
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PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL CONFERENCES:

Sr. No.	Title
1	Vacuum Annealing Effect on Opto-structural and Morphological Properties of Evaporated MoBiCuSe ₄ Chalcopyrite Thin Films Suhas S. Mohite , S. S. Mali, R. R. Kharade, D. G. Kanase, P. S. Patil, P. N. Bhosale 2 nd International Conference on Physics of Materials and Materials Based Device Fabrication, (ICPM-MDF-2014) Dept. of Physics, Shivaji University, Kolhapur. 13 th – 15 th Jan 2014.
2	Combined Model of nucleation and growth of MoBiCuSe ₄ thin films for photovoltaic application. Suhas S. Mohite , R. R. Kharade, S. S. Mali, C. K. Hong, D. G. Kanse, P. S. Patil, P. N. Bhosale. International Conference on Green Chemistry Catalysis, Energy and Environment, (ICGC-2015), Department of Chemistry, Goa University, Goa. (22 th to 24 th Jan., 2015).
3	Morphology Tuning in Mixed Metal Chalcogenide Nanostructures Deposited by Physical Route. Suhas S. Mohite , R. R. Kharade, S. S. Mali, S. D. Kharade, V. B. Ghanwat, P. N. Bhosale. National Conference on Chemistry of Chalcogens (NC3-2013) organized by Department of Applied Chemistry, at Defence Institute of Advanced Technology (DIAT) Pune on 14 th and 15 th January 2013.
4	Tuning of Optical Band Gap and Structural Features of Single Phase Ag ₂ WO ₄ Thin Films: A Hybrid Synthesis R. R. Kharade, S. S. Mali, S. R. Mane, Suhas S. Mohite , S. V. Patil, V. V. Kondalkar, P. N. Bhosale. Proc. International Conference on Materials Processing and Characterization (ICPMC) GokarajuRangaraju Institute of Engineering and Technology 8-10 th March 2012, Bachupally, Hyderabad.
5	Tuning of Optical Band Gap and Structural Features of Single Phase Ag ₂ WO ₄ Thin Films: A Hybrid Synthesis R. R. Kharade, S. S. Mali, S. R. Mane, Suhas S. Mohite , S. V. Patil, V. V. Kondalkar, P. N. Bhosale. International Conference on Materials Processing and Characterization (ICPMC) 8-10 March 2012, GokarajuRangaraju Institute of Engineering and Technology, Bachupally, Hyderabad.
6	Effect of monovalent cation doping on electrochromic performance of WO ₃ thin films deposited by hybrid combinatorial synthesis.

	<p>R. R. Kharade, S. S. Mali, S. R. Mane, S. P. Patil, Suhas S. Mohite, P. S. Patil, P. N. Bhosale.</p> <p>International conference on Physics of Materials and Materials Based Fabrication (ICPM-MDF) 18-21 Jan 2012, Department of Physics, Shivaji University.</p>
7.	<p>Opto-Structural and Morphological Studies of Nanoporous MoBiCuSe₄ Thin Films</p> <p>S. D. Kharade, M. M. Salunkhe, Suhas S. Mohite and P. N. Bhosale.</p> <p>International Conference on Nanomaterials and Nanotechnology (ICNANO)18-21 Dec. 2011, University of Delhi, Delhi 2011.</p>
8	<p>Simple Chemical Method for Porous Network of MoBiCuSe₄Nanoflakes and its Photoresponse Property.</p> <p>S. D. Kharade, M. M. Salunkhe, R. R. Kharade, V. B. Ghanwat, Suhas S. Mohite, and P. N. Bhosale.</p> <p>DAE-BRNS 4th Interdisciplinary Symposium on Materials Chemistry (ISMC-2012), held at Bhabha Atomic Research Center, Mumbai, during December 11-15, 2012.</p>
9	<p>Surfactant Assisted Synthesis of Nanocrystalline Wo₃ Thin Films and Their Electrochromic properties</p> <p>R. R. Kharade, S. V. Patil, S. R. Mane, Suhas S. Mohite, R. M. Mane, S. M. Patil, P. N. Bhosale.</p> <p>National Conference on Recent Trends in Nanotechnology, organized by Vivekanand College, Kolhapur, India, held on 14th and 15th Dec. 2012.</p>
10.	<p>Annealing Effect on the Structural and Electrical Properties of n-type MoBi₂(Se_{0.5}Te_{0.5})₅ Thin Film</p> <p>M. M. Salunkhe, N. B. Pawar, S. D. Kharade, S. M. Patil, Suhas S. Mohite, P. N. Bhosale.</p> <p>IUPAC- Sponsored International Symposium on Macro- and Supramolecular Architectures and Materials (MAM-12) 21-25 November 2012, at Le-Meridian Hotel, Coimbtore, Tamilnadu.</p>
11	<p>Synthesis and Characterization of MoBiCuSe₄ Nanoflakes-assembled Microflowers via a Simple Chemical Method.</p> <p>S. D. Kharade, N. B. Pawar, R. M. Mane, Suhas S. Mohite, P. N. Bhosale.</p> <p>National Conference on Chemistry of Chalcogens (NC3-2013) organized by Department of Applied Chemistry, at Defence Institute of Advanced Technology (DIAT) Pune on 14th and 15th January 2013.</p>
12	<p>Facile Single Phase, Crystalline Cu₃Se₂ Thin Films and Effect of Indium Doping: Chemosynthesis and Characterization.</p> <p>V. B. Ghanwat, S. D. Kharade, S. B. Pawar, M. M. Salunkhe, P. B. Patil, Suhas S. Mohite, S. M. Patil and P. N. Bhosale.</p> <p>National conference on current Research in chemical science(CRCS-2013), Department of Chemistry, Shivaji University, Kolhapur. Held on January 22nd& 23rd, 2013.</p>
13	<p>Ag nanoparticles embedded WO₃ thin films for smart window application and its colorimetric analysis.</p> <p>R. R. Kharade, S. S. Mali, S. V. Patil, S. R. Mane, Suhas S. Mohite, R. M. Mane, S. M. Patil and P. N. Bhosale.</p>

	10 th International Society Advancement of Electrochemical Science and Technology (iSAEST-10) Symposium, Hotel Green Park, Chennai held on 28 th - 30 th Jan. 2013.
14	Facile Chemosynthesis of p-type MoBiCuSe ₄ Thin Film for Heterojunction Solar Cell S. D. Kharade, N. B. Pawar, V. B. Ghanwat, S. P. Patil, Suhas S. Mohite , P. N. Bhosale. 10 th International Society Advancement of Electrochemical Science and Technology (iSAEST-10) Symposium, Hotel Green Park, Chennai held on 28 th - 30 th Jan. 2013.
15	Hybrid Physico-Chemical Synthesis and Electrochromic Performance of WO ₃ /MoO ₃ Thin Films R. R. Kharade, S. S. Mali, S. P. Patil, Suhas S. Mohite , R. M. Mane, V. V. Kondalkar, P. S. Patil and P. N. Bhosale Eleventh ISEAC International Discussion Meet on Electrochemistry and its applications. 20 th to 25 th February 2014
16	Synthesis and study of microbial action on Schiff base derivative in National seminar on Advances in Chemistry and Material Science on 28 th May2022 jointly organized by Department of Chemistry,prof N D PATIL mahavidyalay,Malakapur and IQAC