

DR. SUHAS SHAMRAO MOHITE
M.Sc., Ph.D., DCM.



BIO-DATA

A) PERSONAL INFORMATION :

1.	FULL NAME	:	DR. SUHAS SHAMRAO MOHITE
2.	RESIDENTIAL ADDRESS	:	Amey Bunglow, Plot No. 35, Survey No. 13/2, Sagar Cooperative Housing Society, Bavdhan Khurd, <u>Pune 411 021</u> Mob.: 88884 10999
3.	BIRTH DATE	:	10/07/1977
4.	MARITAL STATUS	:	Married
5.	LANGUAGES KNOWN	:	Marathi, Hindi and English

B) EDUCATIONAL QUALIFICATION :

Degree	Board / University	Year of Passing	Subject	Class
Ph.D.	Bharati Vidyapeeth (Deemed to be University), Pune	July 2015	Chemistry	
(Ph.D. Research - Preparation, Characterization and Applications of Nano-Crystalline Mixed Metal Chalcogenide thin film)				
M.Sc.	Savitribai Phule Pune University, Pune (Abasaheb Garware College, Pune)	2000	Analytical Chemistry	1 st (65.00%)
D.C.M.	Savitribai Phule Pune University, Pune	2001	Computer	1 st (62.66%)
B.Sc.	Savitribai Phule Pune University, Pune (Yashwantrao Mohite College, Pune)	1998	Chemistry	1 st (67.00%)
H.S.C.	Kolhapur Board	1995	Science	1 st 66.33
S.S.C.	Kolhapur Board	1993	-	Dist. 76.14%

C) **HOBBIES:** Reading, Trekking, Running and Social work

D. PUBLICATIONS

Sr. No.	Papers
1.	<p>Suhas S. Mohite, Kharade R. R., Mali S. S., Kanase D. G., Patil P. S., Bhosale P. N. “Low temperature synthesis of novel MoBiCuSe₄ nanowire thin films by vacuum deposition method and their characterization” <i>Research Journal of Chemistry and Environment</i>, 15 (2011) 653-657 (Impact Factor 0.323)</p>
2.	<p>Suhas S. Mohite, Sawanta S. Mali, Rohini R. Kharade, Chang Kook Hong, Dhanaji G. Kanase, Pramod S. Patil, Popatrao N. Bhosale “Single source precursor for vacuum evaporation of MoBi₂Se₅ photoactive thin films” <i>Journal Materials Science: Materials in Electronics</i>, 2014. (Impact factor 1.966) Springer Publishing</p>
3.	<p>R. R. Kharade , S. S. Mali , Suhas S. Mohite, V. V. Kondalkar, P. S. Patil, P. N. Bhosale “Hybrid physicochemical synthesis & electro-chromic performance of WO₃/MoO₃ thin films.” <i>Electroanalysis</i>, 26 (2014) : 2388-2397. Wiley publishing, Impact factor: 2.5</p>
4.	<p>Suhas S. Mohite, R. R. Kharade, S. S. Mali, C. K. Hong, D. G. Kanase, P. N. Bhosale “Combined model of nucleation and growth of MoBiCuSe₄ thin films for photovoltaic applications” <i>New Journal of Chemistry</i> (Communicated) RSC publishing (Impact factor 3.159)</p>
5.	<p>Suhas S. Mohite, Sawanta S. Mali, Rohini R. Kharade, Chang Kook Hong, Dhanaji G. Kanase, Pramod S. Patil, Popatrao N. Bhosale. Thermally Evaporated MoBiCuSe₄ Nanowires: Synthesis, Characterization, Application <i>Inorganic Chemistry Frontiers</i> (Communicated) RSC Publishing</p>
6.	<p>M. M. Salunkhe, N. B. Pawar, S. D. Kharade, S. M. Patil, Suhas S. Mohite, P. N. Bhosale Annealing Effect on the Structural and Electrical Properties of n-type MoBi₂(Se_{0.5}Te_{0.5})₅ Thin Film <i>Nano Materials Synthesis and Characterization</i>, (2012) 187-192.</p>
7.	<p>A Kumbhar, D. G. Kanase, S. Mohite, T. Lohar Bronsted acid hydrotrope combined catalysis in water: a green approach for the synthesis of indoloquinolines and bis-tetronic acids <i>Research on Chemical Intermediates</i> (2021) 2263-2278 IF: 2.3</p>

8.	S. Mane, D. G. Kanase, S. Mohite Fabrication of Homocoupled Conjugated Microporous Polymers: The Role of Aromatic Ring Spacer in CO ₂ Capture New J. Chem (2021) 1369-9261, IF: 3.3
9.	Popatrao N Bhosale, Monika P. Joshi; Sawanta Mali; Rahul Mane; Suhas Mohite ; Chang kook Hong Influence of In ³⁺ ion concentration on the physio-chemical and optoelectronic properties of novel CuInSn(S,Se) ₄ thin films and its photoelectrochemical application Solar Energy (2021) In process IF: 4.608

E. 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) Gokaraju Rangaraju 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.

	<p>Kondalkar, P. N. Bhosale. International Conference on Materials Processing and Characterization (ICPMC) 8-10 March 2012, GokarajuRangaraju Institute of Engineering and Technology, Bachupally, Hyderabad.</p>
6	<p>Effect of monovalent cation doping on electrochromic performance of WO₃ thin films deposited by hybrid combinatorial synthesis. R. R. Kharade, S. S. Mali, S. R. Mane, S. P. Patil, Suhas S. Mohite, P. S. Patil, P. N. Bhosale. 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 S. D. Kharade, M. M. Salunkhe, Suhas S. Mohite and P. N. Bhosale. 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. S. D. Kharade, M. M. Salunkhe, R. R. Kharade, V. B. Ghanwat, Suhas S. Mohite, and P. N. Bhosale. 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 R. R. Kharade, S. V. Patil, S. R. Mane, Suhas S. Mohite, R. M. Mane, S. M. Patil, P. N. Bhosale. 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 M. M. Salunkhe, N. B. Pawar, S. D. Kharade, S. M. Patil, Suhas S. Mohite, P. N. Bhosale. 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 Microflowlers via a Simple Chemical Method. S. D. Kharade, N. B. Pawar, R. M. Mane, Suhas S. Mohite, 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 14th and 15th January 2013.</p>
12	<p>Facile Single Phase, Crystalline Cu₃Se₂ Thin Films and Effect of Indium Doping: Chemosynthesis and Characterization. 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. 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>

	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. 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

F. WORKSHOPS, SEMINARS AND CONFERENCE ATTENDED

1.	Successfully completed a 4-Week 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.
2	Participated in one week online National faculty development programme/Refresher course on "Enhancing quality of chemistry education in India" organized by Guru Angad Dev teaching learning centre under PMMMNMTT, Ministry of education, New Delhi. from 25 th February -3 rd March 2021
3	Participated in one week online National faculty development programme/Refresher course on "Assessment and Evaluation in higher education" organized by Guru Angad Dev teaching learning centre under PMMMNMTT, Ministry of education, New Delhi from 14 th -20 th July 2021
4	Participated in 5 th 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.
5.	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 (PMMMNMTT) of Ministry of Education on 22 nd February 2021. (This is equivalent to a regular National Workshop)

6.	Attended webinar on "Guidelines for writing Research Paper" organized by ARASU Engineering college, Kumbakonam on 22 nd May 2020.
7.	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

G. WORKING EXPERIENCE

Working experience of 18.11 years in Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune 43 in the following designations.

Sr. No.	Designation		Service Period
1.	Assistant Professor in Chemistry	:	02/09/2002 to 31/07/2015 (12.11 years)
2.	Associate Professor in Chemistry	:	01/08/2015 to 20/02/2020 (04.06 years)
3.	Assistant Professor in Chemistry	:	21/02/2020 till date
	Total Experience		18.11 yrs.

The above information is true to the best of my knowledge.

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