

1. **Full Name:** Mr. Haniph Allabaksha Mujawar
2. **Designation:** Professor
3. **Official Address:** Department of Chemistry
Dr. Babasaheb Ambedkar
Technological University, Lonere-
402103 Dist-Raigad, Maharashtra
Phone: 9420057976
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4. **Residential Address:** Kaveri-03, University campus,
Dr. Babasaheb Ambedkar
Technological University, Lonere-
402103
Phone: 9423283052
5. **Educational Qualification:** M.Sc. Ph.D. (Chemistry)
6. **Field of Specialization:** Inorganic Chemistry, Environmental
Pollution and Control
7. **Name of Research Topic:** Electrochemical Synthesis of Bismuth
Based Alloyed films.
8. **Experience (in number of years):**
- Teaching:** 28 Years
- Research:** 15 Years
9. **Winter/Summer Schools attended:**
10. **Publications:**
- International/National Journals: 30
- International/National Conferences: 22
11. **Number of Ph.D. Students guided:** 02
12. **Number of M.Tech Students (Project guided)** 09
- Subject: Environmental Engineering**

Symposium, Seminar and Conference Attended and Presented Papers:

1. Electrodeposition of Bi-based alloyed films and their possible use in Superconductors
S. H. Pawar, H. A. Mujawar and et. Al.

- Fourth International Conference on Frontiers of Electrochemistry (1989)
2. Preparation and Characterization of Bi-based alloyed films.
H. A. Mujawar, B. M. Todkar and et. al.
Fourth International Conference on Frontiers of Electrochemistry (1989)
3. Effect of complexing agents on electrodeposition Bi-Sr-Ca-Cu thin films.
S. H. Pawar & H. A. Mujawar
International Conference on Superconductivity, Bangalore (1989)
4. Electrodeposition of Bi-Sr-Ca-Cu alloyed films from DMSO bath.
S. H. Pawar & H. A. Mujawar
2nd AGM of MRSI, Delhi (1989)
Agency-M. R. S. I
5. Electrodeposition of Bi-Sr-Ca-Cu alloyed films on conducting polycrystalline MgO substrate.
S. H. Pawar & H. A. Mujawar
Solid State Physics Symposium, Madras.
Agency-D. A. E
6. Studies on MgO substrate for deposition of Superconducting Films.
S. H. Pawar, H. A. Mujawar and et. al.
Solid State Physics Symposium, Madras. (1989)
Agency-D. A. E.
7. Structural studies of electrodeposited Bi-Sr-Ca-Cu oxide films
S. H. Pawar & H. A. Mujawar
National Conference on Oxide Ceramics Technology, Kolhapur (1991)
Agency-Shivaji University, Kolhapur
8. Pulse Electrodeposition of Bi-Sr-Ca-Cu alloyed films for high-T_c Superconductivity
S. H. Pawar, V. N. Shinde and H. A. Mujawar
Solid State Physics Symposium, Varanasi (1991)
Agency-D. A. E
9. Preparation of MgO substrate for their suitability in high-T_c Superconductivity
S. H. Pawar, V. N. Shinde and H. A. Mujawar
3rd AGM of MRSI, Bangalore. (1992)
Agency-M. R. S. I
10. Studies on Electrodeposition of Sr, Ti and Sr-Ti alloyed films
S. H. Pawar, P. N. Pawaskar and H. A. Mujawar
3rd AGM of MRSI, Bangalore. (1992)
Agency-M. R. S. I
11. Biological Nitrogen removal from wastewater using sequential batch reactor.
N. D. Deshmukh, P. B. Lokhande, H. A. Mujawar
National Conference on Environmental Technology held at Mumbai University during 9-10 Feb. 2006.

12. Seasonal variation of the Volatile organic compounds (BTEX) in the surface water of Savitri River
P. B. Lokhande, V. V. Patil, H. A. Mujawar
INDO-ITALIAN International Conference on Green and Clean Environment. MIT College of Engineering, Kothrud, Pune. 20-21 March 2008
13. Graphic interpretation of surface water quality of Savitri river in Konkan region of India
P. B. Lokhande, V. V. Patil, H. A. Mujawar
International Congress of Environmental Research
Govt. Geetanjali Girls P. G. College, Bhopal, 28-30th December, 2007
14. Photodegradation of Rhodamine 6G dye by Cd, Sr Doped ZnO, Synthesized by Mechanochemical Method
Sneha S. Salvi, Dr. P. B. Lokhande, Dr. H. A. Mujawar
1st International Conference on Materials, Manufacturing and Design Engineering (iCMMD 2016), 20-21 Dec. 2016
15. A Review: Recent Trends in Synthesis of Photocatalyst
Sneha S. Salvi, P. B. Lokhande, H. A. Mujawar
New Horizons In Chemical and Environmental Science (NS-NHCES-2016) held at Karmaveer Bhaurao Patil College, Vashi, 30 Jan. 2016
16. Study of Zr and Sn doping on photoluminescence Property of Cadmium Sulphide.
Madhuri M. Bhagat, P. B. Lokhande, H.A. Mujawar, 1st International Conference on Materials Manufacturing and Design Engineering held at Dr. Babasaheb Ambedkar Technological University Lonere, Raidad, dated December 20-21, 2016
17. A Review : Advance photocatalysts and its applications.
Madhuri M. Bhagat, P. B. Lokhande, H.A. Mujawar,
New Horizons in Chemical and Environmental Sciences, National seminar on, at Karmveer Bhaurao Patil College Vashi, Dated 30 Jan 2016
18. Photocatalytic activity of Doped Cadmium sulphide.
Madhuri M. Bhagat, P. B. Lokhande, A. V. Dinde
Recent Developments in Chemical and Material Science , at Dapoli Urban Co-operative Bank Science College, Dapoli, on 5-6 Feb 2016
19. Study of Photocatalytic Activity of Sr and Sn Doped Cadmium Sulphide Photocatalyst, M. M. Bhagat, P. B. Lokhande, H.A. Mujawar, Science for Sustainable Development, ISBN 978-81-920431-3-5, page no. 153-155,
At APK college Nagothane , dated 19 Dec 2016.
20. A Review: Efficiency of essential oil extraction methods of genus Blumea and its therapeutic values.
Mr. A.V. Dinde, Dr. P.B.Lokhande, Dr.H.A.Mujawar
Mainstreaming the Marginalized: Perspectives in humanities commerce and science Book VIII, 6 (21), ISBN 978-93-83871-46-9
21. Attended 103th Indian Science Congress held at Mysore University, Mysore during 3-5 Jan 2016.

Workshop/Seminar Attended:

1. National Seminar on Solar Energy & Rural Development. 29-31st May 1987. Shivaji University, Kolhapur.
2. Seminar on Biomass Energy 25th March 1989, Shivaji University, Kolhapur.
3. Workshop on oxide ceramic Superconducting materials. S. N. I. P. Calcutta, 28th Dec. 1989-6th Jan. 1990
4. Workshop on Recent Trends in Analytical Chemistry, Bombay. June 3-5 (1992)
5. Workshop on some advanced techniques in Analytical Chemistry. N. Wadia College, Pune 3-5 March 1994
6. National Seminar on Advances in Science and Technology of Polymeric Materials. Indian Institute of Technology, Madras, 19th -20th Dec. 1997
7. Recent trends in Desalination and water management. B. A. R. C. Mumbai, 20th Feb 1998
8. Attended three days workshop on “Synergogy” Dr. B. A. Tech. University, Lonere.
9. Attended 6th Annual convention of ISTE Maharashtra & Goa section Dr. B. A. Tech. University, Lonere
10. Attended three days Annual convention of ISTE. Congu Engineering College, Erode. 10-12 Dec. 1999.
11. Program on Creativity & Innovation Techniques & Patenting in India & Abroad under TEQIP at Dr. B. A. Tech. University, Lonere 20th -21st April 2006.
12. Attended Five days workshop on Intellectual Property Rights. Dr. B. A. Tech. University, Lonere. 17-21st April 2000 Agency-MHRD, New Delhi.
13. UGC Sponsored National Seminar on the Role of Material Science in Electronic Industry and Information Technology. 9-10th March 2007 DM’S College Assagao Bardez-Goa.
14. One week STTP on “Outcome Based Education” held at Dr. BATU, Lonere, during 23 to 28 June 2016.
15. One day workshop on “Intellectual Property Rights” conducted by RUSA at Dr. BATU, Lonere on 2nd September 2016.
16. One day workshop on Chemical Process Safety at Dr. B. A. T. U, Lonere, Sept. 2016.

Refresher Course , Summer/Winter School Participated:

1. AICTE-ISTE Sponsored two week short term course on solid state materials held at Indian Institute of Technology, (I. I. T) Chennai during December 8th to 19th 1997.
2. U. G. C. Sponsored three week Refresher course in Chemistry held at Shivaji University, Kolhapur during 2nd March to 21st March 1998.
3. U. G. C. Sponsored Three week Refresher course in Chemistry held at North Maharashtra University, Jalgaon during 28th October to 18th November 1998.

4. AICTE-ISTE Sponsored two week short term course on Environmental Management at R. I. T. Sakhrle 22nd May to 2nd June 2000.
5. Attended two weeks Training Program on Sludge Treatment and Membrane Technology at Dr. B. A. Tech. University, Lonere. During 16th -25th Jan 2001.
6. Attended Ten weeks Higher Education Link program on Waste Water Treatment at Cranfield University, Cranfield, UK. During 25th June to 31st Aug. 2001.

**After Placement in the selection grade on 17th September 2002 following
AICTE/UGC/TEQIP approved short term courses attended.**

1. AICTE-ISTE Sponsored two weeks short term course on High Manufacturing Vision-2020. During 18th to 30th November 2002.
2. AICTE-ISTE Sponsored two weeks short term course on “Campus Wide Network Administration” during 13th to 25th jan.2003
3. U. G. C. Sponsored Three weeks Refresher Course in Environmental Science held at Academic Staff College, Goa University, Goa during 22nd November to 13th December 2007.
4. One week short term course on “Advances in Materials and Manufacturing Processes” held at Dr. B. A. Tech. University, Lonere. During 27th June to 1st July 2011 under TEQIP.
5. UGC Sponsored one week short term course on “Advances in Chemical Engg: Recent trends held at B. A. Tech. University, Lonere. During 26th to 30th March 2012
6. One week short course on “Nanotechnology” held at Dr. B. A. Tech. University, Lonere during 10-14 Dec. 2012 under TEQIP.
7. MHRD, NITTTR Sponsored one week short term course on Nanotechnology: Opportunity and challenges held at NITTTR, Pune centre during 1st Dec. 2014 to 5th Dec. 2014

Chairman/Member of Academic/Professional Bodies:

1. Life Member of Indian Society for Technical Education (ISTE) New Delhi.
2. Chairman: Board of Studies in Chemistry/Chairman of Research Committee in Chemistry
3. Member: Academic Council of Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad.
4. Member: Executive Council of Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad.
5. Member: Research Program Committee
6. Member: Indian Chemical Society-Kolkata.
7. Member: The Society for Advancement of Electrochemical Science and Technology, Karikudi (Madrass)
8. Associate Member: International Congress of Chemistry &

- Environment
9. Life Member: International Congress of Chemistry & Environment
 10. Life Member: Indian Journal of Environmental Protection
 11. Life Member: The Indian Science Congress
 12. Member: Consultancy, R & D and Faculty Development Committee of Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad
 13. Member: Central Admission Process of First Year Degree (Konkan Region)
 14. Member: Board of Examination of Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad
 15. Chairman: Board of Sports DBATU, Lonere

Academic Distinctions/Responsibilities:

1. Head, Department of Chemistry, since 1993. Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad
2. Since last fifteen years has been working as officer-In Charge/Exam Coordinator for semester examinations.
3. Recognized as a Ph. D. guide in the area of Chemical Sciences, Environmental Sciences/Engineering
4. Worked as additional responsibility of Rector of the University Boy's Hostel of Capacity 350 students.
5. Teaching M. Tech Environmental engineering classes, since 2002
6. Coordinator-Tribal Development program of TEQIP (World Bank Project)
7. Worked as overall coordinator for First Year B.Tech Programme

Award & Fellowships:

1. Indian Cryogenic Council's Sponsored Prof. M. C. Joshi award for the Development Research Work in the area of Cryogenic (Superconductivity) Year 1989-90.
2. Department of Science and Technology, Government of India, National Superconductivity Fellowship.
3. Council of Scientific and Industrial Research (C. S. I. R.), New Delhi, Senior Research

Fellowship.

Research Papers Published in National/International Journals:

1. Electrodeposition of Bi-based alloyed film and their possible use in the superconductors.
S. H. Pawar, H. A. Mujawar and et. al.
Bulletin of Electrochemistry.
Vol. 06 (1990) 315—317
2. Preparation of MgO substrate for superconducting films.
S. H. Pawar, H. A. Mujawar and et. al
Materials Research Bulletin.
Vol. 25 (1990) 503-508.
3. Electrodeposition of Bi-Sr-Ca-Cu alloyed films from non-aqueous bath.
S. H. Pawar and H. A. Mujawar
Materials Research Bulletin.
Vol. 25 (1990) 1443-1451
4. Role of complexing agents in electrodeposition of Bi-Sr-Ca-Cu alloyed films.
S. H. Pawar and H. A. Mujawar
Materials Letters.
Vol. 10 (1991) 355-360
5. Mechanism of Electrodeposition of Bi-Sr-Ca-Cu alloyed films.
S. H. Pawar and H. A. Mujawar
Materials Chemistry and Physics.
Vol. 28 (1991) 259-266.
6. Electrodeposition of Sr-Ti alloyed films from an aqueous bath.
S. H. Pawar, P. N. Pawaskar and H. A. Mujawar
Materials Chemistry and Physics
Vol. 36 (1994) 235-240
7. Study of physicochemical parameters of surface water in the Mahad Industrial Area.
A. D. Gawas, P. B. Lokhande and H. A. Mujawar
Journal of Pollution Research
Vol. No. 25 (01) 109-114 (2006)
8. Study of Physico-chemical Parameters of Surface Water from Kundalika River Near Roha MIDC, Raigad

N. J. Patil, D. B. Patil, P. B. Lokhande and H. A. Mujawar
Indian Journal of Environmental Protection 26 (2) 169-174 (2006)

9. Multivariate statistical analysis of ground water in the vicinity of Mahad industrial area of Konkan region, India
P. B. Lokhande, V. V. Patil and H. A. Mujawar
International Journal of Applied Environmental Sciences, Volume 3 Number 2 (2008)
pp. 149-163
10. Multivariate statistical study of Seasonal variation of BTEX in the surface water of Savitri River
P. B. Lokhande, V. V. Patil, Dr. H. A. Mujawar
Environmental Monitoring and Assessment (Springer) 157 (1-4), 51-61
11. Study of metal contamination in Savitri River by Multivariate Statistical Analysis
P. B. Lokhande, V. V. Patil, H. A. Mujawar
Indian Journal of Environmental Protection
Vol. 29 No-02(2009) pp 159-166
12. Assessment of seasonal variation in surface water quality of Savitri River, India by using multivariate statistical techniques
P. B. Lokhande, V. V. Patil and H. A. Mujawar
Asian Journal of water, Environmental and pollution 8 (2), 105-112
13. Characterization of waste water by correlation and regression method
A. D. Gawas, P. B. Lokhande and H. A. Mujawar
Indian Journal of Environmental Protection 27 (12): 1117-1120 (2007)
14. Study of water quality parameters of River water in Konkan Region
A. D. Gawas, P. B. Lokhande and H. A. Mujawar
Indian Journal of Environmental Protection
Vol. No. 25(03) 212-217 (2005)
15. Study of Physico-chemical Parameters of Surface Water from Kundalika River Near Roha MIDC, Raigad
N. J. Patil, D. B. Patil, P. B. Lokhande, M. Shoba, R KSSSN, S. S. Bagchi....
Environmental Management 32 (3), 181-183

16. Evaluation of Ground Water Quality of MIDC Area, Roha through Water Quality Index Assessment
S. M. Tandale, H. A. Mujawar, P. B. Lokhande.
17. Comparative Study of Efficiency of Cd and Sr doped ZnO Photocatalyst Synthesized by Mechanochemical Method and Coprecipitation Method
Sneha S. Salvi, Dr. P. B. Lokhande, Dr. H. A. Mujawar, Journal of Interdisciplinary and Multidisciplinary Research, July 2017, 11(7)
18. Photodegradation of Rhodamine 6G dye by Cd, Sr Doped ZnO, Synthesized by Mechanochemical Method
Sneha S. Salvi, Dr. P. B. Lokhande, Dr. H. A. Mujawar
Advances in Intelligent Systems Research, Atalntis Press , Vol. 137, Pp. 48-53
19. Photocatalytic degradation of carcinogenic rhodamine 6g dye by strontium and tin doped cadmium sulphide nanoparticles, Madhuri M. Bhagat, Dr. P. B. Lokhande, Dr. H. A. Mujawar, International Journal of Research Publications in Engineering and Technology, [IJRPET] ISSN: 2454-7875 VOLUME 3, ISSUE 6, Jun.-2017, 129-136
20. Study of Zr and Sn doping on photoluminescence Property of Cadmium Sulphide.
Madhuri M. Bhagat, P. B. Lokhande, H.A. Mujawar
Advances in Intelligent Systems Research, Atalntis Press, Vol. 137, Pp. 54-58.
21. Essential Oil Extraction, Charactarization and Antimicrobial Study of Cythocline Purpurea DC from Konkan Region
Mr. Abhijit V. Dinde, Dr. P. B. Lokhande, Dr. H. A. Mujawar
Journal of Pharmacy Research 2017, 11(5), 424-429, ISSN: 0974-6943
22. Effect of Cd, Ni codoping on Photocatalytic activity of Zinc Oxide, Synthesized by Citrate Gel Method
Sneha S. Salvi, Dr. P. B. Lokhande, Dr. H. A. Mujawar
International Journal of Research in Advent Technology, Vol. 5, No. 11, November 2017.
23. Essential oil extraction, characterization and antimicrobial study of Blumea Lacera D.C. from Konkan Region
Mr. Abhijit V. Dinde, Dr. P. B. Lokhande, Dr. H. A. Mujawar
Journal of Pharmacy Research
Vol. 12 (1) 2018, ISSN: 0974-6943.

24. Graphic interpretation and assessment of water quality in savitri river basin.
Dr. P. B. Lokhande, Dr. H. A. Mujawar
International journal of scientific and engineering research Vol. 7(3), March 2016
25. Effect of Tin and Strontium Doping on the Photocatalytic Activity of Zinc Sulphide Nanoparticles for the Photocatalytic Degradation of Resorcinol under Solar and Ultra-Violet Light, Bhagat M. M., Lokhande P., Mujawar H.A, j Nanosci
Curr Res 2018, Vol 3(2): 2 , ISSN: 2572-0813, DOI: 10.4172/2572-0813.1000121
26. "Essential Oil Extraction, Characterization and Antimicrobial Study of Blumea Lacera D. C. from Konkan Region"
Mr. Abhijit V. Dinde, Dr. P. B. Lokhande, Dr. H. A. Mujawar,
International Journal of Recent Scientific Research
Vol.09 (3) pp.24784-24789, March,2018 ISSN:0976-3031
27. Effect of Ln and Sn doping on photolytic activity of Cadmium Sulphide Photocatalyst .
Madhuri M Bhagat, Dr. P. B. Lokhande, Dr. H. A. Mujawar.
28. Sneha S. Salvi, Dr. P. B. Lokhande, Dr. H. A. Mujawar, "Structural, Optical and Photocatalytic study of Ni, Sr Doped ZnO on Degradation of Methyl Orange" presented in International conference on "New trends in commerce, Economics, Banking, Cooperation, Management, Computer science, IT and Environment held at Poona college, camp Pune 8th and 9th February 2019.
29. Mr. Abhijit V. Dinde, Dr. P. B. Lokhande, Dr. H. A. Mujawar, "Essential Oil Extraction, Characterization and Antimicrobial Study of Blumea laciniata D.C. from Konkan Region"
J.Biol.chem.chron.2018, 4(2),70-76. ISSN (Print):2454-7468.ISSN (Online):2454-7476.
30. Madhuri M. Bhagat, P. B. Lokhande, H.A. Mujawar, "Antimicrobial activity of Chemically Synthesized Sn and Sr Doped Cadmium and Zinc Sulphides Semiconductor Nanoparticles" Madridge Journal of Nanotechnology and Nanoscience, Vol. 4, Issue.1, ISSN:2638-2075.