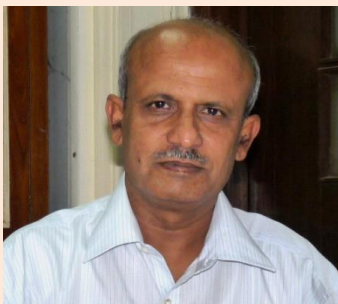


Brief Bio-Data



Prakash P. Wadgaonkar

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Polymer Science and Engineering Division,
B-104, Polymers & Advanced Materials Laboratory,
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Current Research Interests

- Controlled polymerization methods
- Monomers and polymers from renewable resources
- High performance polymers
- Polymers for optoelectronics
- Associating polymers
- Polymeric materials for gas separation studies
- Self-healing polymers
- Click chemistry
- PDMS elastomers for maxillofacial prostheses
- UV curable coatings

Education

- Ph.D., University of Pune, Pune (1985) [Research carried out at NCL, Pune]
- M.Sc., Shivaji University, Kolhapur (1979)
- B. Sc., Shivaji University, Kolhapur (1977)

Experience

- June 2019- Emeritus Scientist, Polymer Science and Engineering Division, NCL, Pune
- 2019-Till Date-Adjunct Faculty, School of Nanoscience and Technology, Shivaji University Kolhapur.
- 2011- 2019, Chief Scientist, Polymer Science and Engineering Division, NCL, Pune
- 2006- 2011, Scientist F, Division of Polymer Chemistry, NCL, Pune
- 2001-2006, Scientist E-II, Division of Polymer Chemistry, NCL, Pune
- 1997 – 2001, Scientist E-I, Division of Polymer Chemistry, NCL, Pune
- 1992-1997, Scientist C, Division of Polymer Chemistry, NCL, Pune
- 1987-1992, Scientist B, Division of Polymer Chemistry, NCL, Pune
- 1982-1987, Senior Scientific Assistant, Division of Polymer Chemistry, NCL, Pune

Awards/Honors

- Jeevan-Gaurav Purskar - (Life Time Achievement Award) 2017, Solapur University, Solapur
- NCL Research Foundation ‘Scientist-of-the-Year Award (2013-2014)’
- Fellow of Maharashtra Academy of Sciences (2008)
- Prof. M. Santappa Silver Jubilee Award in Polymer Science for the Year 2006 by the Society For Polymer Science (SPS), India
- Prof. Sukumar Maiti Polymer Award Foundation, 2004
- CSIR Technology Award 2003 for THPE Process: Team Member
- Dunlop Award for the Best Research in the Area of Rubber Chemistry and Technology,

Instituted by M/s Indian Rubber Manufacturers' Research Association (IRMRA), Mumbai, 1984.

- Junior Research Fellowship (JRF) of CSIR, New Delhi, 1980
- First Rank in M.Sc. Examination of Shivaji University, Kolhapur, 1979

Membership of Committees

- Member, Academic Council Shivaji University Kolhapur (2023)
- Member Research Council, KBC North Maharashtra University, Jalgaon (2023)
- Visiting Faculty, MIT World Peace University, Pune (2021-Till Date)
- Member, Technical Committee, Maharashtra Pollution Control Board (MPCB)
- Member of Committee of Peers, Rajiv Gandhi Science and Technology Commission (RGSTC, Shivaji University, Kolhapur) (2015-2017)
- Member, Laboratory Research Council (LRC), HEMRL, Pune (2015-2018)
- Member of the Senate, Yashwantrao Chavan Maharashtra Open University, Nashik (2015-2017)
- Member, Governing Body of Vishwakarma College of Arts, Commerce and Science, Pune (2013-2016)
- Member, Research Advisory Committee, Walchand College, Solapur (2013-2016)
- Member, Advisory Board, Suyash Gurukul, Solapur
- Member, Advisory Committee, Horizon Discovery Academy, Nanded
- Member, Intellectual Property Rights Committee, Shivaji University, Kolhapur (2014)
- Member, Advisory Committee, Centre of Excellence in Polymers, The Maharaja Sayajirao University of Baroda, Vadodara (2013)
- Member of the Senate, Solapur University, Solapur (2010-2014)
- Served/ Serving as Member of Board of Studies of several Universities
- Member, Advisory Committee, Horizon Discovery Academy, Nanded
- Member of Committee of Peers, Rajiv Gandhi Science and Technology Commission (RGSTC, Shivaji University, Kolhapur) (2015-2017)
- Member, ACRHEM-Progress Monitoring Committee, Advanced Centre of Research in High Energy Materials (ACRTEM), DRDO Centre of Excellence, University of Hyderabad
- Life Member, Society for Polymer Science, India
- Co-Convener, SPSI-MACRO-2018, (International Conference on Polymer Science and Technology), Pune.

Foreign Deputation

- Visiting Professor, LCPO, University of Bordeaux, France (June-July 2015)
- Visiting Professor, Institute of Charles Gerhard, Montpellier, France (May-June 2013) PET Day
- April-May 2011, Visiting Scientist, ESPCI, Universite Paris 6, CNRS, Paris, France
- March- April 2002, Visiting Scientist, ESPCI, Universite Paris 6, CNRS, Paris, France
- May 2000 – September 2000, Visiting Scientist, General Electric Corporate Research and Development, Niskayuna, New York State, USA
- 1996-1997, Research Scientist, J&K Environmental Limited, UCCB, Sydney, Nova Scotia, Canada
- 1988-1990, Research Associate, Department of Chemistry, University of Tennessee, Knoxville, USA

Consultancy Assignments

- AltReal Bio-Innovations Pvt. Ltd. Pune, India (2017)
- H & R Johnson (India), A Division of Prism Cement Ltd. Mumbai (2016)
- Starchem, Ludhiana (2016)
- Deepak Nitrile, Baroda (2015-2016)
- TraspekSilox, Baroda (2013)

- M/s Deepak Novochem, Pune (2012-2013)
- M/s Galaxy Surfactants, Mumbai (2009-2010)
- Dr. Reddy's Laboratories, Hyderabad (2007-2008)
- M/s Hemani Intermediates, Limited, Vapi, Gujarath (2007-2008)
- M/s ABR Organics Limited, Hyderabad (2006-2007,2007-2008)
- John F. Welch Technology Centre (General Electric Company, USA), Bangalore (2004-2005)

Editorial Board

- Guest Editor, Green Materials, ICE Publishing, UK
- Member, Editorial Board, Green Materials, ICE Publishing, UK
- Member, Editorial Board, Materials Technology: Advanced Performance Materials, Taylor & Francis, UK.
- Member, Editorial Board, Journal of Polymeric Materials (MD Publications Pvt. Ltd. New Dehli)

No. of Publications: 230; Review Articles: 03; Book Chapters: 02

h-index: 38; *i-10* index: 163 (Google scholar)

No. of Patents: International - 25 and Indian - 2

Ph.D. Thesis Supervised: 24,

Countries Visited: USA, Canada, France, Germany Italy, Belgium, The Netherlands, Switzerland, Brazil, South Korea, etc.