



Dr. Pravin Pralhad Deshpande

Adjunct Professor in Metallurgical Engineering, Department of Metallurgy and Materials Engineering, COEP Technological University (A Unitary Public University of Government of Maharashtra) (Formerly College of Engineering Pune), Shivajinagar, Pune- 411005 (M.S.) INDIA, E mail- ppd.meta@coeptech.ac.in and pravinpd@hotmail.com, Cell- +91 9372810108

Academics: Post Graduate Teacher and PhD guide recognition by SPPU Pune University. Three students received their PhDs and three ongoing PhD students.

Research: Corrosion protection of low carbon steel and Metallurgy in Ancient India.

Expertise: Electrochemical Techniques, Mathematical modeling & simulation using COMSOL and Artificial neural network.

Projects: Seven research projects (AICTE+ UGC+ DRDO- ISRO + INSA+ University of Pune+ TEQIP II + COEP Alumni Association). Total grants received Rs 50.64 lac (2008- 2015).

SCI+ Scopus indexed Journal Publications: 46, International conference presentations : 20

Goggle scholar citations - 819, H index- 10 (30 Dec 2023)

International consultancy: Development of Conducting Polymer based paints for corrosion protection and antifouling applications, EATON, USA (2012-13).

Reference Books / Text Books : 1) Two reference books ' Corrosion Protection of Metals by Inherently Conducting Polymers' and ' Smart Coatings- Fundamentals, Development and Applications', CRC Press USA. 2) 'Design and Drawing of Auto Components', Vrinda Prakshan, Jalgaon.

Industry- Institute Collaboration: Established 'Advanced Materials Technology Lab' in the Department of Metallurgy and Materials Engineering, COEP funded by EATON Technologies, Pune (2013- 2014).

Conferences and FDP courses organized: 1) Materials Technology in Ancient India, March 2009 and Corrosion Science, Engineering and Technology , Feb 2012 2)TEQIP course on 'Corrosion and Surface Engineering '10-15 December 2012 and 3-8 Jan 2014 Department of Metallurgy and Mat Sc, College of Engineering Pune (COEP).

Awards: 1) Maharashtra Sahitya Parishad, Pune for translating a book on Delhi Iron Pillar with Dr. Balasubramaniam, IIT Kanpur. 2) Maharashtra Grantho tyejyak Sanstha Pune for a book on ' Metallurgy in Ancient and Medieval India' published by Rajya Marathi Vikas Sanstha, Mumbai.

Out Reach Activities: 1) UGC Visiting Fellow, School of Physical Sciences, Swami Ramanand Teerth Marathwada University, Nanded (2011-12). 2) Govt of Maharashtra-Marathi Vishwakosh Project Coordinator (Metallurgy)(2019-22), work is continued up to this date 3) Invited member of Study Group on 'Metallurgical Heritage of India' formed by Indian National Academy of Engineering (INAE), New Delhi. 4) **Visiting Professor, Dept of Nuclear and Heat Power Engineering, Saint Petersburg University, Russia(2016 -17)**
