

Professor Tejraj M. Aminabhavi, PhD
Associate Editor
Chemical Engineering Journal, Elsevier, (USA)
International Advisory Board Member
Journal of Applied Polymer Science (USA) &
Polymer Plastics Technology and Engineering (USA)
Emeritus Professor and Research Director
College of Pharmacy, Dharwad 580 002, India
AICTE Emeritus Fellow (2012-2014), New Delhi, India
CSIR Emeritus Scientist (2009-2012), New Delhi, India
Scientific Advisor (2007-2011), Reliance Life Sciences, Navi Mumbai
Director (2002-2007), Center of Excellence in Polymer Science
Karnatak University, Dharwad, India

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(Date of Birth: 16th January, 1947)

[Updated on 08th July, 2013]

Education

- Ph.D. (Polymer Science), 1979, University of Texas at Austin, Texas, USA (Aug. 1979)
- M.Sc. (Physical Chemistry), 1970, First Class, Karnatak University, Dharwad, India
- B.Sc. (Chemistry, Physics & Maths), 1968, First Class, Karnatak College, Dharwad, India
- S.S.L.C., 1964, First Class and First, Municipal High School, Gadag, Karnataka, India

Assignments of Post Superannuation

- Emeritus Fellow, All India Council for Technical Education, New Delhi, India (2012-2014).
- Visiting Professor (2010) to Cavendish Laboratory, University of Cambridge, UK and Department of Chemical Engineering, Qatar University, Doha, QATAR advising on "gas separation and water desalination membranes".
- CSIR Emeritus Scientist, New Delhi, India (2009-2012).
- Research Director, Soniya College of Pharmacy, Dharwad, India (2011-).
- Honorary Visiting Professor, PPISR, Bangalore (2011-).
- Visiting Professor, National Taiwan University, Taiwan, October, 2009: Collaboration with Professor Chen.
- Scientific Advisor, Reliance Life Sciences, Navi Mumbai, India (2007-2011)
- Superannuated as Professor of Chemistry, Karnatak University, Dharwad, India (31-1-2007)

Academic/Research Assignments

- Founder Director Center of Excellence in Polymer Science, Karnatak University, Dharwad (2002-2007).
- Visiting Professor, Schinchu University, Taiwan, January, 2005: Collaboration with Professor Sung on Drug Delivery.
- Lecturer (1982-1985), Reader (1985-1994) and Professor (1995-2001) of Chemistry, Karnatak University, Dharwad, India
- Visiting Professor, Chonnam National University, Korea (2006, 2007/2008): Collaboration with Prof. K.S. Yang
- Visiting Professor, University of Texas at Dallas, USA (2005): Collaboration with Professor Alan G. MacDiarmid, Nobel Laureate, Year 2000 in Chemistry
- Visiting Professor UT Southwestern Medical Center, Dallas, USA (1995, 2002, 2003 and 2004): Collaborations with Professor P. Antich, Prof. J. Bonti and Prof. P.V. Kulkarni
- Team Delegate Member, Indo-French Centre for Advanced Research, France (April 1994),

- Adjunct Research Professor of Chemistry, Lamar University, Beaumont, Texas, USA (1989, 1990, 1991, 1992, 1993, 1994, 1995 and 1996): Collaborations with Keith Hansen and J.D. Ortego
- Visiting Research Fellow, Texas State University, San Marcos, USA (1981-1982, 1986, 1987, 1988, 1999, 2000 and 2001): Collaborations with Prof. P.E. Cassidy and Prof. W.E. Rudzinski
- NSF Postdoctoral Fellow (1980-1981), Clarkson University, Potsdam, New York, USA: Collaboration with Professor J.P. Kratochvil
- Robert Welch Research Assistant (1975-1979), The University of Texas, Austin, USA: PhD Supervising Professor Petr. Munk
- Lecturer in Chemistry (1970-1975), Karnatak College, Dharwad

Research Interests

- Molecular transport processes, membrane-based separations, pervaporation, gas separation, electro dialysis, micro, ultra and nanofiltrations and reverse osmosis
- Controlled release polymeric devices (micro/nanoparticles, transdermal patches and hydrogels) for drugs, proteins, peptides, genes, pesticides and polymer-drug conjugates
- Molecular modeling on polymeric surfaces, prediction of polymer blend compatibility, drug diffusion and gas transport
- Polyurethane coatings, polymer composites, dendrimers, heat resistant and conducting polymers
- Liquid state properties, polymer solution theories and metal complexation chemistry

Industrial Consultancies

- Reliance Life Sciences, Navi Mumbai (2007-2011)
- Bharath Heavy Electricals Limited (BHEL), Bangalore, India (2004-2007)
- Gujrat State Fertilizers Corporation, Vadodara, Gujarat, India (1996-2002)
- Texas Research Institute, Austin, Texas, USA (2006,2007 and 2008)

Awards

- 18th Nikkei Asia Prize, Japan received on 22nd May 2013 for the contributions in Applied Polymer Science area under the category of Science, Technology and Innovation. Cash Prize of three million JPY and Citation.
- Laureate of 22nd Kwarizmi International Award (KIA) from the Ministry of Science, Research and Technology, Iranian Research Organization for Science and Technology (IROST), Tehran, Iran for 2008-2009: Received a cash prize of US\$ 5000 and citation from the President of Iran in a ceremony held on Feb. 9th 2009 at Tehran.
- Madurai Kamaraj University, Indian Science: Received a cash prize of Rs. 30,000 from the Vice Chancellor, Madurai Kamaraj University, Madurai (April, 2007)
- Listed as the 4th Most Productive Scientist of India by the National Institute of Science, Technology & Development Studies on "Status of India in Science and Technology as Reflected in its Publication Output in Scopus International Database" for the period 1996-2006.

International Advisory Board Memberships

- Journal of Applied Polymer Science, Wiley Interscience, New York, USA (1998-)
- Polymer Plastics Technology & Engineering, Marcel Dekker, New York, USA (2000-)
- Column Editor, Polymer News, Gordon Breach, New York, USA (1997-2006)
- Alan MacDiarmid Energy Research Institute, Chonnam National University, Korea (2006)

Presidentship/Membership (India)

- Founder President, Society for Polymer Science, India (2003-2008)
- Vice-President, Indian Membrane Society (1996-2003)
- Member, Program Advisory Committee (Physical Chemistry), Department of Science and Technology, New Delhi (1999-2007)

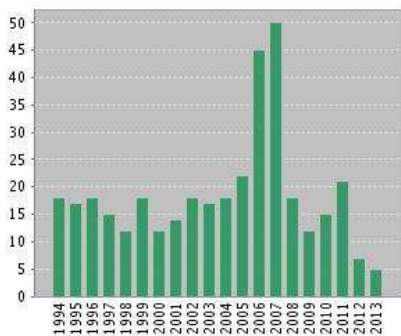
- Member, Centres for Potential of Excellence UGC for Calcutta and Madurai Universities (2006-2007).
- Member, Standing Committee AICTE, New Delhi (1997-2000)
- Member, Apex Committee, Water Technology Mission, Karnataka State (1999-2000)

Panorama of Scientific Contributions

- Scientific papers : 569
- Review papers : 50
- Popular articles in polymer science : 66
- Conference presentations : 145
- Chapters in Books and Encyclopedia : 5
- Patents : 7 = 3 US (accepted) and 4 Indian (filed)
- Book: Polymer Science, Wiley, New York, 2002 : one
- Individual H Index : 50
- PhD degrees supervised : 40
- Post doctoral and project fellows supervised : 10
- Number of Indian coauthors on papers >150
- Number of Foreign coauthors on papers >100
- Research grant money received (total) : Rupees Six Crores

H Index Chart and Citations as on 08th July, 2013

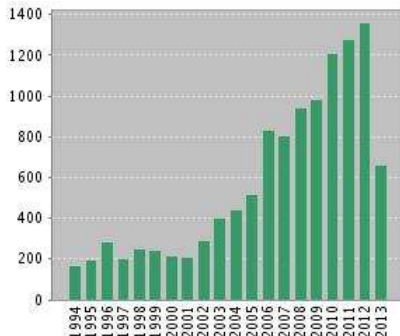
Published Items in Each Year



The latest 20 years are displayed.

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Citations in Each Year



The latest 20 years are displayed.

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Results found: 569
 Sum of the Times Cited 12391
 [?]
 Sum of Times Cited without self-citations [?] 9824
 :
 Citing Articles [?] : 7353
 Citing Articles without self-citations [?] : 6909
 Average Citations per Item [?] : 21.78
 h-index [?] : 50

Listing of Books, Patents, Chapters and Reviews

Book (1)

Petr Munk (University of Texas at Austin, USA) and Tejraj M. Aminabhavi (Karnatak University, Dharwad), "Introduction to Macromolecular Science", Wiley, New York, USA, 2nd Ed., 2002.