

Brief introduction of Dr. A. K. Tyagi

Joined BARC through BARC-Training School (1985-86 Batch) after MSc

PhD: In 1991 from BARC / Mumbai University

Postdoctoral Research : Max-Planck Institute, Stuttgart, Germany (1995-96)

Present Designation : Associate Director, Chemistry Group
Bhabha Atomic Research Center
Mumbai, India

and

Senior Professor (Chemistry)
Homi Bhabha National Institute (HBNI), Mumbai

Research interests: Functional materials, Nuclear materials and Nanomaterials

Ph.D. students: 40 (Awarded: 28; Currently working: 12)

Publications: About 600 publications in international journals, five books
and a patent

Awards:

- Max-Planck Fellowship, Germany (1995-1996)
- Dr. Laxmi Award by Indian Association of Solid State Chemists (2001)
- Rheometric Scientific-ITAS award by Indian Thermal Analysis Society (2002)
- Gold Medal of Indian Nuclear Society (2003)
- MRSI Medal (2005)
- CRSI Bronze Medal (2006)
- Dr. Tarun Datta Memorial Award from IANCAS (2007)
- Homi Bhabha Science and Technology Award (2008)
(*Conferred by Dr. APJ Abdul Kalam, former President of India*)
- Indian Chemical Society's RD Desai Memorial Award (2009)
- DAE-SRC Outstanding Researcher Award (2010)
- Rajib Goyal Prize in Chemical Sciences (2010)
- DAE Group Achievement Award (2012)

- CRSI - Prof. CNR Rao National Prize in Chemical Sciences (2012)
- ISCB Award for excellence in Chemical Sciences (2013)
- MRSI-ICSC Materials Science Senior Award (2014)
- Coastal Chemical Research Society Award (2014)
- ISCA-Platinum Jubilee Lecture Award (2015)
- Metallurgist of the Year Award (2017)
(*National award from Ministry of Steel, GOI*)
- CRSI-Silver Medal (2018)
- MRSI-CNR Rao Prize in Advanced Materials (2018)
- National Prize in Solid State and Materials Chemistry (2018)
- Acharya PC Ray Memorial Prize from Indian Science Congress (2020)

Fellow of the National and International Science Academies

- Fellow, Maharashtra Academy of Sciences (2003)
- Fellow, National Academy of Sciences, India (2004)
- Fellow, Royal Society of Chemistry (2011)
- Fellow, Indian Academy of Sciences (2013)
- Fellow, Asia Pacific Academy of Materials (2013)

Member, INSA-National Committee for Crystallography

Member, DST Project Assessment Committee (PAC)

Member, Board of Studies (Chemical Sciences), HBNI, DAE

Visits abroad: Germany, USA, France, Canada, Japan, Russia, China, Portugal, Singapore, Australia, Sweden, Italy, Spain, Israel, Malaysia, South Africa