Brief CV

Ashok M. Raichur, FNAE, FRSC
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EDUCATION:

B.E., Malaviya Regional Engineering College, Jaipur, 1990
M.S., University of Kentucky, Lexington, USA, 1992
Ph.D., University of Nevada, Reno, USA, 1996

APPOINTMENTS:

- Professor, Materials Engineering, IISc, 2009 onwards
- Visiting Professor, University of South Africa, 2017 onwards
- Associate Faculty, Bioengineering Program, IISc, 2012 onwards
- Visiting Professor, University of Johannesburg, 2012-14
- Associate Professor, Materials Engineering, IISc, 2003-09
- Associate Faculty, Materials Research Center, IISc, 2007-10
- Associate Chairman, Center for Scientific and Industrial Consultancy, IISc, 2006-11
- Assistant Professor, Materials Engineering, IISc, 1997-2003
- Research Associate, University of Nevada, Reno, 1996-97
- Secretary, Karnataka State Council for Science and Technology (KSCST), Sep 2019

FELLOWSHIPS:

- Fellow, Indian National Academy of Engineering
- Fellow, Royal Society of Chemistry

AWARDS AND HONORS:

- Biotech Process Development and Commercialization Award, 2003, Department of Biotechnology, Government of India
- National Metallurgists Day Award, 2003, Ministry of Steel and Mines, Government of India
- INSA-DFG Visiting Fellowship, 2003, TU Cottbus
- Humboldt Research Fellowship, 2004-05, Alexander von Humboldt Foundation, Germany
- Prof. Satish Dhawan Young Engineers Award, 2006, Government of Karnataka
- MRSI Medal, 2007, Materials Research Society of India
- Visiting Research Fellow, 2008-11, University of New South Wales, Sydney
- National Bioscience Award, 2009, Dept of Biotechnology, Government of India
- MRSI - ICSC Prize, 2018, Materials Research Society of India

AREAS OF RESEARCH

Our research group is working on application of nanotechnology for biomedical and environmental applications. Currently we are working on the following topics:

- Developing new generation of drug delivery systems for gene and anticancer drugs
- Polyelectrolyte/nanoparticle multilayers for environmental applications
- Nanostructured multilayers for sensing applications
- Development of 2D and 3D structures as fillers in epoxy nanocomposites.