



## AJAYAN VINU

### **Professor and Group Leader**

Australian Institute for Bioengineering and Nanotechnology  
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### **Academic Highlights and Work Experience**

- 2011 to till date Professor, Group Leader and ARC Future Fellow**, Australian Institute for Bioengineering and Nanotechnology, The University of Queensland, Brisbane, Australia.
- 2009 to 2011 Research Director**, NIMS-India Materials Research Center, World Premier International Research Center, National Institute for Materials Science, Japan.
- 2007 to 2011 Senior Scientist**, International Center for Materials Nanoarchitectonics, World Premier International Research Center, National Institute for Materials Science, Japan.
- 2006 to 2007 Senior Scientist**, Fuel Cell Materials Center, National Institute of Materials Science, Japan
- 2004 to 2006 International Young Scientist Fellow**, National Institute of Materials Science, Japan
- 2000 to 2003: Doctor of Philosophy** in Chemistry (June 2003); Title: Pore size engineering and characterization of modified SBA-1, SBA-15, MCM-41 and mesoporous carbon molecular sieves: A study of protein adsorption Anna University, Chennai, India (in collaboration with **University of Kaiserslautern, Germany** under the exchange programme)
- 2003 to 2004: Post doctoral Researcher**, Technical University of Kaiserslautern, Kaiserslautern, Germany.
- 2001 to 2003: Research Scientist**, Technical University of Kaiserslautern, Kaiserslautern, Germany.
- 2000 to 2003: PhD student, Anna University, Chennai, India.**
- 1999 to 2001: Junior Research Fellow**, BRNS project, Anna University, India
- 1998 to 1999 Honors in Diploma of Computer Applications**, Computer Software Centre, Chennai, India
- 1996 to 1998: Master of Science** in General Chemistry from Manonmaniam Sundarnar University, Tirunelveli, India
- 1993 to 1996: Bachelor of Science** in Chemistry from Manonmaniam Sundarnar University, Tirunelveli, India

## Awards

My outstanding contributions in the field of nanoporous materials are well recognized by chemical and materials research societies from all over the world. The details of the some of these awards are given below:

É **Wilhelm Friedrich Bessel Award for the year 2010** by the Alexander von Humboldt foundation.

É **Australian Future Fellowship Award for the year 2010** by the Australian Research Council.

É **Scopus Young Scientist Award 2012, Runner-up, Australia**

É **Indian Society of Chemists and Biologists Award for Excellence, 2010.**

É **Catalysis Society of India award for the year 2010** by catalysis society of India.

É **Chemical Society of Japan Award for Young Chemists for the year 2008**

É **Khwarizmi International Award Iranian Top Science Prize** for the year 2008 for the Applied research in nanotechnology, “**Laureate of KIA**” by UNESCO, UNHO, IROST and WIPO. The award was given by the H.E. the president of Iran. Prof. CNR Rao has also been given this award for the year 2008.

É **Asian Excellent Young Researcher Lectureship Award, 2008**, by the president of chemical society of Japan (Prof. Nakanishi, President of CSJ, Japan).

É **ICYS Fellowship award**, which is the world most prestigious fellowship by the National Institute for Materials Science, Tsukuba, Japan (2004-2006)

É **Encouragement of Research in Materials Science Award, 2008**, at the IUMRS International Conference in Asia 2008 (Pavuluri Srinivasu and Ajayan Vinu)

É **Best paper award from STAM journal** for the year 2010.

É **Junior Research Fellowship (JRF, Department of Atomic Energy, India)** to pursue Doctoral studies at Anna University, India

## Honors

In response to my research performance and international standing, many top institutions have honored me with adjunct professor or director appointments. I have been also a committee member for reviews of several universities around the world and some of them are listed here:

É **NIMS Ambassador to India – 2006 to 2010.**

É **Editor-in-Chief, Advanced Porous Materials**

É **Associate Editor, Journal of Nanoscience and Nanotechnology**

É **Associate Editor, Nanosystems in Engineering and Medicine (ISSN 2167-5813)**

É **Adjunct Professor, Yonsei University, South Korea**

É **Adjunct Professor, EWHA Womans University, South Korea**

É **Adjunct Professor, Anna University, India**

É **Adjunct Associate Professor (2007 to till date), Hokkaido University, Hokkaido, Japan**

É **Adjunct Principal Researcher (2007 to till date), Korean Research Institute of Chemical Technology, Daejeon, South Korea.**

É **PhD thesis examiner** of Max Planck Institute, Postdam, Germany

É **Thesis examiner** of Cairo University, Egypt

É **PhD thesis examiner** of University of Pune, India

É **PhD thesis examiner** of Acharya Nagarjuna University, India

É**PhD thesis examiner** of Visva-Bharati, Santiniketan, India

É**PhD thesis examiner** of Anna University, India

É**PhD thesis examiner** of St. Joseph's college Trichy.

É**International Selection Committee Member for Future Fellowship, ARC, Australia.**

É**International Project Advisory Board member of ICBIN, Yonsei University, South Korea**

É**International Project Advisory Board member of Kent State University, USA.**  
Evaluation committee member of staff promotion of King Saud University

É**Project review committee member of Czech Science Foundation**

É**Project review committee member of King Fahd University of Petroleum & Minerals, Saudi Arabia**

É**Project review committee member of Chili Science and Technology, Chilli**

É**Selection Committee Member of Shanti Swarup Bhatnagar Prize** of India, which is the Top Science Prize in India

É**Poster award selection committee member**, AIBN conference, 2011.

É**Poster award selection committee member**, International conference on advanced materials 2008, BARC, Mumbai

É**Poster award (Young Scientist award) selection committee member**, IUMRS-2008, Nagoya, Japan

É Gave several **invited lectures** in the well reputed universities and national institutes in America, Australia, Canada, Germany, Netherland, Belgium, Italy, South Korea, South Africa, China, Czech Republic, India, Iran, Saudi Arabia, and Japan.

É Given a chance to meet and interact with the **Nobel Laureates** on a personal basis in the 52<sup>nd</sup> Nobel Laureates meeting held at Lindau, Germany, July 2002

É Selected as **Excellent P & G Intern Fellow** for the European Research Programme 2002, held at Schwalbach Technical Centre, Procter & Gamble, Germany (One among the total of 12 students were selected from all over the Europe)

É Visited as a **Guest Scientist** at the National Chemical Laboratory, Pune, November, 2002, India