

SATYENDRA KUMAR

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PROFESSIONAL CAREER

2016 - Present Associate Vice President for Research, University at Albany, NY
1997 - Present Professor of Physics, University at Albany, NY
2016 - Present Professor Emeritus, Kent State University, Kent, OH
2016 - Present Honorary Professor, Amity University, Noida, India
1997 - 2016 Professor, Kent State University, Kent, OH
2009 - 2013 Associate Vice President for Research
Jan 09 - Jul 2009 Interim Associate Vice President for Research
2005 - 2008 Program Director, Division of Materials Research,
National Science Foundation
2004 - 2012 Past President, International Liquid Crystal Society
2004 - 2008 President, International Liquid Crystal Society
Fall 1999 Visiting Professor, Raman Research Institute, Bangalore, India
1991 - 1997 Associate Professor, Kent State University, Kent, OH
Fall 1993 Visiting Scientist, Massachusetts Institute of Technology, MA
1987 - 1991 Assistant Professor, Kent State University, Kent, OH.
1984 - 1987 Senior Physicist, Tektronix Incorporated, Beaverton, OR.
1981 - 1984 Research Associate, Massachusetts Institute of Technology, MA

EDUCATION

1981 Ph.D. University of Illinois at Urbana-Champaign, Champaign, IL
1975 M.S. (Physics), University of Nebraska, Lincoln, NE
1974 M.Sc. (Physics Honors School), Panjab University, Chandigarh, India
1973 B.Sc. (Physics Honors School), Panjab University, Chandigarh, India

PROFESSIONAL RECOGNITION, ACHIEVEMENTS AND HONORS

- *Distinguished Award of Council* by the Akron Council of Engineering and Scientific Societies, 2013. [http://xray.kent.edu/index_files/Page2596.htm]
- Kent State Representative, University Clean Energy Alliance of Ohio
- Councilor, Physics Division, Council on Undergraduate Research, 2008-2011.
- *Distinguished Scholar Award*, Kent State University, Sept. 21, 2007.
- *NSF Director's Award for Merit Review Excellence*, Interdisciplinary Condensed Matter Physics Team, June 2007.
- Research on *the Nematic to Smectic-A phase transition* performed by advisee, Dr. Andrew Primak, was awarded the Glenn Brown Prize for Outstanding Dissertation by the International Liquid Crystal Society, July 3, 2002.

- Recognition of Innovative Research, by Northeast Ohio. Technology Consortium (NORTEC), May 6, 2002.
- “Best *Basic Research Leading to Applications*” Award by the Ministry of Science and Technology, S. Korea, August 29, 2001.
- Book Editor/Author
 1. *Liquid Crystals in the Nineties and Beyond*, World Scientific (1995).
 2. *LIQUID CRYSTALS: Experimental Study of Physical Properties and Phase Transitions*, Cambridge University Press, November (2000).
- Editorial

Associate Editor: *Journal of Renewable and Sustainable Energy* [2008 – Present]
 Co-Editor: *Europhysics Letters* [2008 – 2011]
 Member Editorial Board: *Crystals* [2010 – Present),
International J. of Magnetism and Nuclear Science [2016-Present],
Liquid Crystals [1998-2010], *Modern Physics Letters B* [1998-2011],
International Journal of Modern Physics B [1998-2011].
- Guest Editor

Proceedings of the 16th International Liquid Crystal Conference published in *Molecular Crystals and Liquid Crystals*, Volumes 299, 301-304 (1997).
- Member, Professional Societies

The American Physical Society, American Assoc. for the Advancement of Science, International Union of X-ray Crystallography, International Liquid Crystal Society, Society for Information Display, and Neutron Scattering Society of America.