

**Biodata
of
Vinod Kumar Singh**



Current Position

Director, Indian Institute of Science
Education and Research (IISER) Bhopal
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Professor, Department of Chemistry
Indian Institute of Technology Kanpur
Kanpur - 208016

Mentor Director, Indian Institute of Science
Education and Research (IISER) Berhampur

Personal

Date & Place of Birth	September 9, 1959; Azamgarh (U.P.)
Nationality	Indian
Marital status	Married

Education

M.Sc.	Banaras Hindu University, Varanasi	1980
Ph.D.	Multi-Chem Research Centre, Nandesari (Degree: M.S. University; Supervisor: Dr Sukh Dev)	1986
Post-doctoral	University of Calgary, Canada	1985-1986
	University of British Columbia, Canada	1986-1987
	<u>Harvard University</u> , U. S. A.	1987-1990
	(Advisor: Professor E. J. Corey, Nobel laureate)	

Positions Held

Director	IISER Bhopal	12.06.2008 – present
Mentor Director	IISER Berhampur	12.11.2015 – present
Director (additional charge)	SPA Bhopal	28.07.2014 – 26.10.2015
Chairman, BoG	NITTTTR Bhopal	01.05.2009 – 24.10.2009
Director (additional charge)	SPA Bhopal	06.10.2008 – 29.07.2009
Umang Gupta Chair Professor	IIT Kanpur	01.06.2007 – 30.05.2010
Professor	IIT Kanpur	13.09.2001 – present
Associate Professor	IIT Kanpur	24.05.1997 – 12.09.2001
Assistant Professor	IIT Kanpur	26.12.1990 – 23.05.1997
Senior Scientist	Neurogen, USA	01.03.1990 - 15.12.1990

Awards & Honors

- **Padma Shri** (2014)
- CRSI Silver Medal (2014)
- Distinguished Alumnus Award from BHU (2012)
- DSc (*Honoris Causa*) from Jabalpur University (2012)
- JC Bose Award (2011)
- Goyal Prize (2011)
- Pt Jawahar Lal Nehru National Award (2010)
- J.C. Bose fellowship (2009-2019)
- Vigyan Ratna Award of U.P. (2006)
- Ramanna Fellowship (2006-2009)
- Bhagyatara Award (2006)
- **Shanti Swarup Bhatnagar Prize** (2004)
- CRSI Bronze Medal (2003)
- Rajib Goyal Prize (2002)
- Swarnajayanti Fellowship Award (1998)

Academy Fellowship

- Fellow, Indian National Science Academy (FNA)
- Fellow, Indian Academy of Sciences (FASc)
- Fellow, National Academy of Sciences (FNASc)
- Fellow, The World Academy of Sciences (FTWAS)

Editorial Board of Journals

- Regional Editor, Tetrahedron Letters (2014 -)
- International Advisory Board of the Asian Journal of Organic Chemistry (2012 -)
- Associate Editor, Synthetic Communications (2010 - 2014)

Current Professional Services

- Member, Executive Council, Central University of Kerala (2016 – present)
- Chairman, Project Advisory Committee, SERB, New Delhi (2015 – present)
- Member, Executive Council, Dr Harisingh Gaur Sagar University (2015 – present)
- Member, Executive Council, University of Jammu (2015 – present)
- Member, AIIMS Bhopal Board (2013 - present)
- Member, Research Council, AMPRI Bhopal (2013 - present)
- Member, Scientific Advisory Committee, CBMR, Lucknow (2012 - present)
- Non-Executive Director, MPMK Vidyut Vitran Company Ltd. (2010 - present)
- Member, Executive Council, Sharda University, Greater Noida (2009 – present)

Past Professional Services

- Member, INSA Council (2014 - 2016)
- Vice President, CRSI (2014 - 2017)
- Member, Research Council, ICT Hyderabad (2010 - 2016)
- Member, Scientific Advisory Council to the PM (2009-2014)
- Visitors nominee, Central University of Bihar (2013 - 2015)
- Member, Sectional Committee, IAS Bangalore (2010 - 2012)
- President, Chemical Sciences Section, Indian Science Congress (2010 - 2011).
- Member, Task Force on Health & Education, M.P. Government (2008-2009)
- Chairman, IIT K REACH Symposium (2008)
- Member, Technical Advisory committee for TDDP of DSIR, Gov of India (2008).
- Convener, Education Policy Committee, IIT Kanpur (2007-2008)
- Invited Member, Research Council, CDRI Lucknow and IHBT Palampur.
- Member, Selection Board for Recruitment (Director, faculty & scientists) at various places.
- Member, Fast Track Project Evaluation Committee, DST (2003-2005)
- Member, Departmental Faculty Affair Committee (2004-2005)
- Member, R&D Committee, IIT Kanpur (2004-2006)

Visiting Appointments

Visiting Professor	University of Goettingen, Germany	(May - June, 2005)
Visiting Scientist	Neurogen Corp, CT, U.S.A.	(June 1997 – July 1998)
Visiting Scientist	University of Western Ontario, Canada	(May - June, 1994)
Visiting Scientist	University of Illinois at Chicago, U.S.A.	(May - July, 1993)
Visiting Scientist	University of Waterloo, Canada	(May - June, 1992)

Distinguished Lectures

- 1st Convocation Address as a Chief Guest of ITI Berhampur (28.12.2016)
- 1st Foundation Day Lecture of Institute of Science, BHU (16.12.2016)
- CSIR-CDRI Foundation Day Lecture (24.09.2014)
- Convocation address as a Chief Guest at Jabalpur University (2012)
- Dr. G.P. Chatterjee Memorial Lecture at ISCA (2011)
- Dr. A.V. Rama Rao Foundation Lecture at JNCASR Bangalore (2009)
- Prof. N. S. Narsimhan Endowment Lecture at Pune University (2002)

Research Interests

Synthetic Organic Chemistry: Design of New Catalysts/Ligands for Enantioselective Reactions and Synthesis of Biologically Important Natural Products

Invited Lectures

Delivered lectures in India and abroad (U.S.A., Russia, Canada, Japan, Germany, Italy, France, Spain, South Korea, China, Singapore, Taiwan, etc).

Research Fund Generation

Sponsored Research Projects from DST, CSIR, and DAE: 21 projects worth Rs 7 crores
Consultancy Project: US\$ 1.2 million from pharma companies from USA

Students Guided 30 Ph.D. students. Several students and post-docs are currently working.

Publications: published >140 research articles and patents.

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