

Resume

Vinod K Singh

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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. (Advisor: Professor E. J. Corey, Nobel laureate)	1987-1990

Academic Positions

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

Administrative Positions

Founding Director	IISER Bhopal	12.06.2008 – present
Director (<i>additional charge</i>)	MANIT Bhopal	13.05.2017 – 24.07.2017
Mentor Director	IIIT Bhopal	13.05.2017 – 24.07.2017
Mentor Director	IISER Berhampur	12.11.2015 – 09.10.2017
Director (<i>additional charge</i>)	SPA Bhopal	28.07.2014 – 26.10.2015
Chairman, BoG	NITTTTR Bhopal	01.05.2009 – 24.10.2009
Director (<i>additional charge</i>)	SPA Bhopal	06.10.2008 – 29.07.2009

Awards & Honors

- Samman Patra by UP Government (2018)
- **Padma Shri** (2014)
- CRSI Silver Medal (2014)
- Distinguished Alumnus Award, BHU (2012)
- DSc (*Honoris Causa*), Jabalpur University (2012)
- JC Bose Award (2011)
- Goyal Prize (2011)
- Pt Jawahar Lal Nehru National Award by MP Govt (2010)
- J.C. Bose fellowship by DST (2009-2019)
- Vigyan Ratna Award of U.P. (2006)
- Ramanna Fellowship by DST (2006-2009)
- Bhagyatara Award by Panjab University (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)
- Fellow, Royal Society of Chemistry

Editorial Board of Journals

- Editor, Tetrahedron Letters (1.9.2014 - present)
- International Advisory Board of the Asian J. Org. Chem. (2012 - present)
- Associate Editor, Synthetic Communications (2010 - 2014)
- Member, Editorial Advisory Board, Org. Lett. (1.4.2018 – 31.12.2020)
- Member, Editorial Advisory Board, J. Org. Chem. (1.4.2018 – 31.12.2021)

Current Professional Services

- Member, Council, JNCASR Bangalore (1.4.2018 – present)
- Convenor, INSA Sectional Committee III (2017 - present)
- Member, Executive Council, Central University of Kerala (2016 – present)
- Chairman, Project Advisory Committee, SERB, New Delhi (2015 – present)
- Member, Executive Council, University of Jammu (2015 – present)
- Vice President, CRSI (2014 - present)
- Member, AIIMS Bhopal Council (2013 - present)
- Member, Scientific Advisory Committee, CBMR, Lucknow (2012 - present)

Past Professional Services

- Non-Executive Director, MPMK Vidyut Vitran Company Ltd. (2010 - 2018)
- Member, Executive Council, Sharda University, Greater Noida (2009 – 2017)
- Member, Executive Council, Dr Harisingh Gaur Sagar University (2015 – 2016)

- Member, INSA Council (2014 - 2016)
- Vice President, CRSI (2014 - 2017)
- Member, Research Council, AMPRI Bhopal (2013 - 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, BoG of IIT Guwhati (2008 – 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)
- Member, Selection Board for Recruitment (Director, faculty & scientists) at various places.
- Member, Fast Track Project Evaluation Committee, DST (2003-2005)

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

- T.R. Seshadri Memorial Lecture at Delhi University (14.01.2018)
- 1st Convocation Address as a Chief Guest, ITI Berhampur (28.12.2016)
- 1st Foundation Day Lecture, Institute of Science, BHU (16.12.2016)
- CSIR-CDRI Foundation Day Lecture (24.09.2014)
- Convocation address as a Chief Guest, Jabalpur University (2012)
- Dr. G.P. Chatterjee Memorial Lecture at ISCA (2011)
- Dr. A.V. Rama Rao Foundation Lecture, JNCASR Bangalore (2009)
- Prof. N. S. Narsimhan Endowment Lecture, Pune University (2002)

Research Interests

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

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 32 Ph.D. students. Several students and post-docs are currently working.

Publications: published ~150 research articles and patents.

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