

Resume

Vinod K Singh

Chair Professor
Department of Chemistry
IIT Kanpur - 208016
Phone: 0512-259 7291/7577
Mobile: 99811-44455
E-mail: vinodks@iitk.ac.in, vinod4056@gmail.com



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
	Harvard University, U. S. A. (Advisor: Professor E. J. Corey, Nobel laureate)	1987-1990

Research Interests

Synthetic Organic Chemistry: Asymmetric Synthesis

Academic Positions

Professor (HAG)	IIT Kanpur	18.08.2009 – Present
Professor	IIT Kanpur	13.09.2001 – 17.08.2009
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

Founder Director	IISER Bhopal	12.06.2008 – 04.09.2018
Director (additional charge)	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 (additional charge)	SPA Bhopal	28.07.2014 – 26.10.2015
Chairman, BoG	NITTTR Bhopal	01.05.2009 – 24.10.2009
Director (additional charge)	SPA Bhopal	06.10.2008 – 29.07.2009

Awards & Honors

- Padma Shri (2014)
- Shanti Swarup Bhatnagar Prize (2004)
- Samman Patra by UP Government (2018)
- Swarnajayanti Fellowship (1998)
- TWAS-CASAREP Award for Building Scientific Institutions (2020)
- Distinguished Alumnus Award, BHU (2012)
- J.C. Bose fellowship (2009 -)
- Goyal Prize (2011)

- Rahul and Namita Gautam Chair, IIT Kanpur (01.09.2019 –)
- CRSI Silver Medal (2014)
- Vigyan Ratna Award of U.P. (2006)
- Director's Chair Professor, IISER Bhopal (01.01.2019 –)
- Adjunct Professor, NIPER Hyderabad (12.10.2019 –)
- Bhagyatara Award by Panjab University (2006)
- CRSI Bronze Medal (2003)
- Rajib Goyal Prize (2002)
- S. Ranganathan Memorial Medal by INSA (2018)
- DSc (*Honoris Causa*), Jabalpur University (2012)
- Pt Jawahar Lal Nehru National Award by MP Govt (2010)
- Umang Gupta Chair Professor, IIT K (01.06.2007 – 30.05.2010)
- Ramanna Fellowship by DST (2006-2009)

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 (FRSC)

Editorial Board of Journals

- Editor, *Tetrahedron Letters* (1.9.2014 – 31.12.2023)
- Member, Advisory Board, *Organic Chemistry Frontiers* (13.11.2020 – current)
- Member, Editorial Advisory Board, *Org. Lett.* (1.4.2018 – current)
- Member, Editorial Advisory Board, *J. Org. Chem.* (1.4.2018 – current)
- International Advisory Board of the *Asian J. Org. Chem.* (2012 - current)
- Associate Editor, *Synthetic Communications* (2010 - 2014)

Professional Services

As a Chairperson

- Chairman, Recruitment & Assessment Board (RAB), CSIR (15.10.2023 -)
- Chairman, RC of CSIR-AMPRI Bhopal (1.9.2023 -)
- Mentor, CSIR-IIIM Jammu (2023 -)
- Mentor, CSIR-AMPRI Jammu (2023 -)
- Chairman, Monitoring committee of FTT & FTC projects of CSIR (2023 -)
- Chairman, Degree Formulation committee of UGC (2023 -)
- Chairman, Governing Council, IACS Kolkata (18.01.2022 -)
- Chairman, Expert Committee in Chemistry for Inspire Fellowship (21.01.2022 –)
- Chairman, CSIR monitoring committee of NCP and FBR projects (24.03.2021 – 2023)
- Chairman, CSIR, RC of Organic and Chemical Technology (28.12.2018 – 2023)
- President, Chemical Research Society of India (2020 – 2023)
- Chairman, Director selection of various institutes
- Chairman, SERB-STAR (2019 – 2022)
- Brand Ambassador, MP State Open School Education Board (2020 – 2021)
- Convener, INSA Sectional Committee III (2017 - 2019)
- Chairman, Project Advisory Committee, SERB, New Delhi (2015 – 2018)
- Convener, Education Policy Committee, IIT Kanpur (2007-2008)
- Chairman, IIT K REACH Symposium (2008)

As a Member

- Member, CSIR Society chaired by PM (16.2.2023 –)
- Member, PAC, SERB New Delhi (2020 –)
- Member, PAC of SERB – SUPRA (2019 –)
- Member, Council, JNCASR Bangalore (2018 –)
- Member, Planning & Monitoring Board, IIS University Jaipur (2018 –)
- Member, Academic Council, Sharda University (2020 – 2023)
- Member, Expert Group on one Theme for the implementation of NEP-2020 by UGC (2020)
- Member, Review Committee of Ramanujan Fellowship (2019 – 2021)
- Member, Indian National Commission for Cooperation with UNESCO (2020 – 2023)
- UGC nominee, Planning & Monitoring Board, ICT Mumbai (2019 – 2022)
- Member, Governing Council, UGC-DAE Consortium for SR, Indore (2018 – 2021)
- Member, Standing Committee, UPE of UGC (2018 – 2021)
- Brand Ambassador, MP State Open School Education Board (15.2.2020 – 2021)
- Vice President, CRSI (2014 - 2019)
- Member, Scientific Advisory Committee, CBMR, Lucknow (2012 - 2019)
- 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, AIIMS Bhopal Council (2013 - 2019)
- Member, Executive Council, Central University of Kerala (2016 – 2019)
- Member, Executive Council, University of Jammu (2015 – 2018)
- Member, Executive Council, University of Jammu (2015 – 2018)
- Member, INSA Council (2014 - 2016)
- Vice President, CRSI (2014 - 2017)
- Member, Research Council, AMPRI Bhopal (2013 - 2017)
- Member, Research Council, IICT 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)
- Member, Technical Advisory Committee for TDDP of DSIR, Gov of India (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 Göttingen, 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

- Foundation Day Lecture at CSIR-IIIM Jammu (9.10.2023)
- Foundation Day Lecture at CSIR-AMPRI Bhopal (16.10.2023)
- Lecture on Science Day at IICT Hyderabad (2022)
- Lecture on Science Day at Lupin, Pune (2021)
- CNR Rao Lecture, IIT Kanpur (11.06.2021)

- Prof. Asima Chatterjee Life Time Achievement Award Lecture-2020
- P.C. Dutta Memorial Lecture at IACS Kolkata (22.08.2019)
- S. Ranganathan Memorial Medal Lecture at CBMR Lucknow (21.6.2018)
- 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 Fund Generation

Sponsored Research Projects from DST, CSIR, and DAE: 22 projects worth ~Rs 8 crores
Consultancy Project: >US\$ 1.2 million from pharma companies from USA

Students: Guided 41 Ph.D. students.

Publications: published >185 research articles and patents.

H-index: 56