

Om Vikas (dr.omvikas@gmail.com , Mob: +91 – 98 6840 4129)

Possesses BTech (EE), MTech (EE), Ph.D (CSE) all from IIT Kanpur and experience in Academia, Government, Industry and Diplomatic Mission. Formerly Director (VC), ABV-IIITM (Indian Institute of Information Technology & Management), Gwalior (Deemed University).

His first experience was at Tata Consultancy services (TCS) as System Engineer. Then he served in National Informatics Centre and the Department of Electronics (now MEITY), Government of India at various levels wherein notably he steered the national mission on Technology Development for Indian Languages (TDIL). On deputation, he was Counsellor (Science & Technology) in Indian Embassy, Tokyo, visiting professor at IIT/Kanpur, professor in-charge CLASS project at NCERT, and Director, ABV-IIITM Gwalior. His association with academics continues as adjunct professor at IIT/Delhi and NSIT; Director, IP Engineering College, DG(R&D) Krishna Group of Institutions, Advisor to C-DAC, Professor-Emeritus at Mahamaya Tech Univ and Mewar Univ. He had been on AC / EC / FC / BOS of Banasthali Univ, UPTechUniv, GGIP Univ. Delhi, Mewar Univ, NS Institute of Technology. He is on Court and Executive Council of Central University of Haryana, and the Mentor Faculty of Eminence at NIT Kurukshetra. Currently he is Honorary Advisor to Bharatiya Vidya Bhavan, Delhi.

He often visits as chairman of experts' peer team for NAAC and NBA for assessment & accreditation of institutions / technical programmes. He is mentor for some Institutions under TEQIP (Technical Education Quality Improvement Programme) of MHRD. He has served as expert member of various committees of NCST & TDB of DST, MEITY, Skill Development Group of DGE&T, CBSE, NIOS, IGNOU, AICTE, CIL of IGNOU, etc. He had been member of the organizing and program committees of the "World Summit on Accreditation", 2012 & 2014.

Dr. Om Vikas is Member of various Professional Societies: Senior Member - IEEE (USA); IEEE Engineering Management Society, IEEE Computer Society, IEEE Education Society, Fellow of Russian Academy of Informatization of Education, Fellow- IETE, Fellow- Institution of Engineers, Life Member – ISTE & CSI. He is also Trustee Member of the International Forum of Interdisciplinary Mathematics (FIM). He is president of Lok Vigyan Parishad (People's Science Society) and Chief Editor of its publication of the S&T research journal "Vigyan Prakash" विज्ञान प्रकाश. He had been on Editorial boards of the periodicals: Localisation Focus (Ireland), Intl Journal of Modern Education, etc.

His research interests include Semantic Web, Language Technology, Computer Architecture, Data Design, Knowledge Management and Engineering Education. He has publications in international and national Journals. He has guided students' research projects at BTech, MCA, MTech and PhD levels. He has a patent to his credit.

His research interests include *Technology Development for Indian Languages, Human Resource Development, Curriculum Design, Technology Innovation Management, and International Cooperation.*

He steered development of CS & IT academic stream curricula at Secondary and Higher Secondary levels for CBSE and NIOS, at Vocational Competency levels for ITIs, NSQF compliant ICT curricula for NIELIT (DoEACC), UG & PG curricula – Computer Applications (MCA & DCA), Knowledge Engineering, Industrial Informatics, Engineering Education, etc.

He authored the first book on Computer in Hindi "कंप्यूटर से बातचीत" and several technical articles in Hindi that have been published in various magazines and some journals.

For his distinguished contributions in the field of 'ICT for Masses', he was given several awards and honours – "Atmaram"(1989), "Vishisht Padak"(1989), "Indira Gandhi Rajbhasha" (1991), "Vigyan Bhushan"(2001), "VASVIK Industrial Research Award" (2002), World Medal of Honour by American Bibliographic Institute Inc. (2003), "Vigyan Shiromani" (2007), "IFFCO Hindi Sevi Samman" (2007),

Aksharam Vishwa Hindi Vaigyaanik Samman, “Vishwa Hindi Samman” (New York, 2007), President’s Award for best paper in Hindi (2013), Panini Award 2015 (by Super Computing Consortium of India), etc.

As Counsellor (Science & Technology) in Indian Embassy, Tokyo he had many firsts to his credit: Nine Inter-Institution cooperation MoUs , CSIR and AIST (Japan) MoU for joint R&D, DST-JSPS MoU for cooperation in Science, In DIT/MCIT, promoted cooperation with Russia, France, Netherlands, USA and Japan in ICT and Language Technology.

He conceptualised and coordinated the national mission program on TDIL (Technology development for Indian Languages). He represented India in UNESCO on Experts Committee on Multilingualism in Cyberspace, UNICODE and W3C.

Many firsts: Launch of TDIL (Technology Development for Indian Languages) Program, Language Technology Business Meet, UNICODE & W3C membership, CD Launch of core technologies for Indian languages for free use; and founder editor of quarterly magazine VishwaBharat@tdil (2001-2005) { @Website: <http://tdil.mit.gov.in>}. He conceptualised new *Integrated Diploma and Dual Degree (BTech & MBA/MTech) program* at Mewar University that admits ITI pass-outs with 10+2 entry. He prepared a report for C-DAC to set up a new Innovation University. He steered design of new NSQF compliant course on “Cultural Informatics” that is AICTE approved for implementation at IGNC, and recently coordinated design of new skill-intensive curriculum on “Holistic Sciences in Sanskrit” and 3-credit course on “Essence of Indian Knowledge Tradition” at Bharatiya Vidya Bhavan, Delhi. These have been approved by AICTE. He co-edited books “भारतीय विद्या सार-1 & -2” for this course. He also successfully coordinated workshop on *Knowledge Technology for Sanskrit: R&D Prospects* supported by ME&ITy.

He has also contributed innovatively towards Technical Hindi: Published articles on technology trend and new approaches of Translation, Prepared Curricula for Language Studies & Research; Proposed first IT terminology that prompted CSTT to further develop it; new curriculum for Functional Hindi; a new concept of Transcreation (अनुसृजन) for bridging the sprawling knowledge-divide in Science & Technology;

To sum up, Dr. Om Vikas has multi-faceted experience as academician, technocrat and diplomat, and exhibited innovative initiatives. He envisions the Future Happy Society that is enriched with technology augmented value-based cultural practices.