

Dr. OM VIKAS

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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 B. Tech, MCA, M. Tech and Ph.D levels. He has a patent to his credit. He contributed significantly in Technology Development for Indian Languages, Human Resource Development, Curriculum design, Technology Innovation Management, and International Co-operation. He Steered development of CS & IT 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, Knowledge Engineering, Industrial Informatics, Engineering Education etc.

Possesses B. Tech (EE). M. Tech (EE), Ph.D (CSE) all from IIT, Kanpur and experience in Academia, Government, Industry and Diplomatic Mission. Formerly Director (VC), ABV-IITM (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 Incharge CLASS Project at NCERT, and Director, ABV-IITM 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 Technical University and Mewar University, and the Mentor Faculty of Eminence at NIT. Kurukshetra. He had been on AC / EC / FC / BOS of Banasthali University, UP Tech. University, GGIP University, Mewar University. NS Institute of Technology. Currently, he is on Court and Executive Council of Central University of Haryana.

He often visits as Chairman of experts peer team for NAAC and NBA for assessment & accreditation of Institutions / Technical Programmes. He has served as expert member of various Committees of NCST & TDB of DST, MEITY, Skill Dev Group of DGE&T, CBSE, NIOS, IGNOU, AICTE, CIL of IGNCA etc. He had been member of the organising and Programme Committee of the World Summit on Accreditation (WOSA) 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". He had been on Editorial boards of the periodicals : Localisation Focus (Ireland), International Journal of Modern Education etc.

He authored the first book on Computer in Hindi and several technical articles in Hindi that have been published in various magazines and some journals. He is also Chief Editor of Research Journal “Vigyan Prakash” in Hindi. For his distinguished contributions in the field of “ICT for Masses”, he has 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 India Embassy, Tokyo, he had many firsts to his credit : Nine Inter-Institution co-operation MoUs, CSIR and AIST (Japan) MOU for Joint R & D, DST-JSPS MOU for co-operation in Science. In DIT/MCIT, promoted co-operation with Russia, France, Netherlands, USA and Japan in ICT and Language Technology.

He conceptualised and co-ordinated the National Mission Programme 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) Programme 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 92001-2005) (@Website : <http://tdil.mit.gov.in>). He conceptualized new Integrated Diploma and Dual Degree (B. Tech. & MBA /M. Tech) Programme 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 complaint course on Cultural Informatics that is AICTE approved for implementation at IGNCA.

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 Trans-creation for bridging the sprawling knowledge-divide in Science & Technology.

To sum up, Dr. Om Vikas has multi-faceted experience and exhibited innovative initiatives.