

BRIEF RESUME

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I am presently working as a Associate Professor & Head in Civil Engineering Department at Central University of Haryana, Mahendergarh. I am having 20 years 6 months teaching experience. I did B.E. in Civil Engineering in 1996, M.Tech (Water Resources Engineering) in 1999 and Ph.D in 2005 on the topic of *Scour Protection around Bridge Piers* from NIT Kurukshetra/Kurukshetra University.

I am a recipient of **Indian Patent** from **Ministry of Commerce & Industry** for developing “**Multiple Collar Plates: A Composite scour Protection Device**” in 2006. Another Patents are filed on “A system for remotely visual inspection and monitoring of road surfaces for cracks and method thereof”, Application no. 201811009289, 2018 & “**EROSION DETECTION BY WPAN BASED EROSION MOITORING DEVICE**” in October 2016. I got **G M. Nawathe** award for **Best Research Paper** by **Indian Society for Hydraulics at CWPRS PUNE on 8-10th December, 2016**. I had been honored with **Young Engineer Award** by **Institution of Engineers (India)** in **2008**. I had been awarded as a **Young Researcher** in **Lisbon** and awarded with a scholarship of **1450 €** to attend river flow conference in **Lisbon, Portugal in 2006**. Received **G M NAWATHE AWARD** from Indian Society for Hydraulics (ISH) for the BEST RESEARCH PAPER in **HYDRO – 2005**. My Name was Nominated for **HARYANA YUVA VIGYAN RATAN AWARD** by Department of Science and Technology Haryana, for the year 2009. I had visited nearly seven countries visited **Iran, Portugal, Turkey, Bangladesh, Mauritius, Bangkok and Taiwan** for my research work. I have published **48 research papers** in my research area In National Journal/International Conferences/ National Conferences. Recently, A book is published on “**Development of Water Resources**”(https://www.amazon.in/Development-Water-Resources-India-ikas/dp/3319551248) for the conference proceeding on **National Conference on Water Resources and Hydropower** on 17-18th June, 2016 at UPES, Dehradun. Recently, I am selected as Executive Council member of Indian Society for Hydraulics, Pune for 2018-20.

I had delivered a talk on “*EIA study of hydropower projects*” & “*Environment Clearance of Hydropower projects*” in **Role of Environmental Impact Assessment** in Civil Engineering Projects at **DCRUST, Murthal on 30th August, 2016**. Delivered lecture for **L & T Graduate Engineering Trainee** on the topic of “*Significance of Hydrology & Hydrogeology in Metro Railways*” on **10th March, 2016**. I had delivered talk on “*Scour Protection around bridge pier*” in **National Cheng Kung University Taiwan (2011)**. Delivered lecture during Master Classes in International Conference on **River Flow-2008 (Turkey)**. Delivered lecture on Scouring in **IIT Kharagpur in April 2008**. I had handled one research project of **Rs 10 lacs** on **Modernization of Fluid Mechanics Laboratory** grant sanctioned by **AICTE 2007-09**. I submitted one project on **Scour Protection around Bridge Pier in boulder rivers of Uttarakhand in UCOST**. I am reviewer of National & International Journals including **Journal of Pipeline, ASCE** and Institution of Engineers.

I had organized Second National Conference on **River Hydraulics** in association with Indian Society for Hydraulics (ISH, Pune) & AICTE New Delhi, on 22-23 March 2012. I had organized as a Co-Chairman **National Conference on Hydraulics, Water Resources, Coastal and Environmental Engineering (HYDRO 2010)** in association with **International Association for Hydro-Environment Engineering and Research (IAHR), Indian Society for Hydraulics (ISH, Pune), DST, CSIR, MoES & NABARD on 16th to 18th December, 2010** at M M University Mullana. National Specialty Conference on **River Hydraulics** in association with Indian Society for Hydraulics, on 29-30 Oct 2009. I had organized Two weeks Training Program on **Teaching Methodology in Engineering and Technology** from **26th May to 6th June, 2008** sponsored by AICTE. I had organized **National Conference on Civil Engineering: Advancement and Challenges** on 9th to 11th March 2007. I had **Organized as a Principal Coordinator ‘National Level Induction Training Program in Engineering and Technology’**, sponsored by AICTE on **1st to 12th December 2003** in Jind Institute of Engineering and Technology, Jind. I had completed **Consultancy Work of more than 60 Lacs Rupees** which includes **Design of Weir, Infiltration Well, Rainwater Harvesting Structures** and various **Highway projects, Concrete Testing and in Soil Testing**.

(Dr. Vikas Garg)