

CURRICULUM VITAE

NAME: HIMANSHU JOSHI

DATE OF BIRTH: July 26, 1958

NATIONALITY: Indian

PROFESSION: Teaching, Research & Consultancy

DESIGNATION: Associate Professor,
Deptt. of Hydrology, I.I.T. Roorkee,
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SPECIALIZATION: Environmental monitoring, modeling,
Impact assessment & management.

PROFESSIONAL EXPERIENCE:

1988 till date at Department of Hydrology, Indian Institute of Technology, Roorkee:

Curriculum development, Teaching, Research & Consultancy in Pollutant transport, Water quality modeling and Environmental Assessment.

1984 to 1988 at Department of Civil Engineering, University of Roorkee:

Participated as Research Scientist – C in a Research program on water quality monitoring and modeling of Ganga river system in Upper plains region under Ganga Action Plan of Ministry of Environment & Forest, Govt. of India.

1980 to 1984 at consulting Engineering Services (India) Pvt. Ltd., New Delhi:

Environmental Consultancy.

EDUCATION:

- (i) Bachelor of Engineering, 1978, Civil with Specialization in Environmental Engg. U.O.R., Roorkee.
- (ii) Master of Tech. 1981, Civil Engg. (Env. Engg.), I.I.T., Kanpur.
- (iii) Ph.D., 1995, Civil Engg. (Env. Engg.), U.O.R., Roorkee.

PROFESSIONAL HIGHLIGHTS:

- (1). M.Tech. Dissertation supervised: 20
- (2). Ph.D. supervised: 7 (under progress)
- (3). Publications in journal/conferences: over 20
- (4). Research/Consultancy projects handled: 10

MAJOR TASKS UNDERTAKEN:

List of Major Tasks

- (i). Monitoring, Assessment & Management of Water Quality
- (ii). Environmental Impact Assessment
- (iii). Infrastructure Development & Training in Environmental Engineering/Hydrology

Project experience

- (a). Water quality monitoring and modeling of Ganga river – Ganga Action Plan of Ministry of Environment & Forest, Govt. of India (1984-1988).
- (b). Assessment of Yamuna river quality – Director of Industries, Agra (1986).
- (c). Inventorisation of pollution sources/ Assessment of Groundwater quality – UGC Dept. Research Support (SAP), 1998 onwards.
- (a). Rapid EIA Studies for expansion of Titawi Sugar complex, Muzaffarnagar, U.P. (1995).
- (b). Rapid EIA Studies for expansion of Mawana Sugar Complex, Meerut, U.P. (1996).
- (c). Impact of fertilizer and pesticide residues in the irrigation return flows on the groundwater quality of Roorkee Tehsil (1999).
- (a). Served as Water Quality Consultant to DHV Consultants BV, The Netherlands – World Bank Aided Hydrology Project (1996 to 1998).
- (b). Conducted training course on Biomonitoring for CPCB personnel, 1986.
- (c). Conducted training course on Environmental Hydrology, 1996.
- (d). Conducted training course on Groudwater recharge and quality assessment, 2000.

TRAINING COURSES ATTENDED:

1. Indo – Dutch training program on ‘Environmental Impact Assessment’ in 1989.
2. Training program on ‘Water quality monitoring and modeling’, 1992.

VISITS ABROAD:

1. U.S.A. in 1985 to participate in Rotary International’s Group Study Exchange Program.
2. Japan in 1996 to present a Research Paper in International Conference on Water Resources & Environment at Khoto.

MEMBERSHIP OF SOCIETIES:

1. Life member, Indian Association of Hydrologists.
2. Life member, Indian Association for Environmental Management.
3. Life member, Indian Water Resources Society.
4. Fellow, Institution of Engineers (India).
5. Member, International Association for Environmental Hydrology.

Place: ROORKEE

(HIMANSHU JOSHI)

Signature: