

Dr. H. L. Tiwari, Professor, Civil Engg. Department, MANIT, Bhopal. India

Academic qualification:

B.E. (Hons) Civil Engg. Govt. Engg. College Rewa MP-1990

M.Tech. Civil Engg. MANIT Bhopal, MP- 1992

Ph. D. Civil Engg, MANIT Bhopal, MP- 2012

Area of specialization

Hydraulics & Water Resources Engg.

Professional / Working Experience

More than 30 years (Teaching/ Research/Administration/Industry)

PUBLICATIONS

- Books- - 07(4 as author & 3 as Editor)
- Book Chapters - 29
- International Journals - 106
- National Journals -07
- International Conferences - 154
- National Conferences - 38
- Total papers (Journals & conference) - 305**
- Writing of project/Technical Reports- **235**

. Awards/Honour/Recognition

- **Out Standing Engineer Personalities”** committee member (2022-2024) IEI M.P. State Centre Bhopal
- **Vice president- Indian Society for Hydraulics (2024-2026)**
- **Lifetime Achievement Award on Engg Science.** Coimbtour 2021
- GM Nawathe best paper puraskar Hydro 2019 International Conference Hyderabad
- **Best Paper presentation** award Hydro 2019 International conference NIT Patna

- **Appreciation letter** from Registrar MANIT for library work 2017
- **Best paper** award in International conference at AISECT University Bhopal 2016.
- National award for guiding the **best M. Tech. thesis** in the field of water resources by The Indian Society for Hydraulics Pune in 2014.
- **Bharat Gaurav Award** in New Delhi Aug. 2016
- **Fellow** of ISH, IAH, ISCA, IAEME & IEI
- EC member of Indian Society for Hydraulics (ISH) Pune from 2016 to 2020, 2022-2024
- Chairing Technical; session in many International/National level conferences of repute
- Reviewer of some reputed journals
- Honoured by Udyog Sangh Ujjain in 2004.
- Honour by MP government on republic day 2004 for best performance in the field of Entrepreneurship Development.
- National Scholarship during BE programme (1985-1990)
- GATE qualified 1990.
- AICTE, MHRD scholarship (1990-1992).
- Editorial board member of three reputed Journals
- National Innovation Club member in Rastrapati Bhavan New Delhi (March 2015)
- Editor of monthly MANIT News Wagon (2014-2015)
- Many Certificates have been awarded to me as an appreciation **of my workability**

Technical Accomplishments:

- Guided 08 Ph.D. Dissertations (including 3 in progress)
- Guided 54 M. Tech. dissertations, including 2 in progress
- Published 7 books and 29 book chapters
- Published 113 + technical papers in refereed national and International Journals;
- Published 192+ technical papers in National and International seminar/conferences proceedings
- Drafted 235+ Technical reports.
- Handled 105+ sponsored consultancy projects (over 60 as Principal Investigator) with a total financial outlay of over Rs. 205 lakh
- Carried out 5 research projects (3 as PI and 2 as co-PI)
- Organized 68+ sponsored short term courses /workshop/training programmes.
- Prepared Fluid Mechanics lab. Manuals

- Organized six international conferences (five as organizing secretary and two as Co organizing secretary) and one national conference as organizing secretary.
- Expert member in different selection committee.
- Reviewer & external examiner M Tech & PhD thesis
- Delivered many expert lectures in Govt & reputed Private organizations

Visit to Abroad and Premier Institutions in India

- A. **Foreign Visit- Izmir (Turkey)** For presenting the paper in 6th International Perspective on Water Resources conference (IPWE-2013), during 7-9, Jan. 2013. organized by The Environmental & Water Resources Institute (EWRI) of the American Society of Civil Engineers (ASCE), the Turkish Water Foundation, Dokuz Eylul University, Georgia Tech, and Auburn University.
- B. In India visited premier educational Institutes and Research organization like; IIT Kharagpur, IIT Roorkee, IIT Delhi, IIT Madras, IIT Bombay, IIT Guwahati, IIT Indore, NIT, Warangal, NIT Karnataka, NIT Kurukshetra, VNIT Nagpur, SVNIT Surat, MNNIT Allahabad, CWPRS Pune, AMPRI Bhopal, MPCST Bhopal, NITTTER Bhopal, IISER Bhopal, IISER Pune, etc.

Other Relevant Information

- Certified National trainer in the field of Entrepreneurship Development, trained from EDII Ahmedabad from 1996
- Handled various projects/ programmes in the field of entrepreneurship development and rural development to promote small scale industries during 1996 to 2005
- Member of selection committee and other college/ state govt. committees
- Developed A .M .lab, surveying lab and building material testing lab at LNCT Bhopal in 1994 and upgraded FM and Hydraulics lab at MANIT Bhopal in 2012
- Developed and designed new M.Tech. course in Water Resources Engg., which started from July 2012
- Observer in various National and State level examinations.
- M.Tech./PhD thesis examiner of various universities.
- ***Reviewer of several journals like***

KSCE journal of Civil Engg. Korea,
International journal of Dam engg.(UK),
AJCEA America
IJCE Iran,
ISH Journal of Hydraulic Engg. etc.

Association with professional bodies

- Fellow - The Institution of Engineers , India (FIE), NO. F 1291447
- Fellow - Indian geotechnical society, New Delhi,(FIGS)
- Fellow - International Science Congress Association (FISCA) No. FM-199
- Fellow - Indian Association of Hydrologists (FIAH) No.FM-301.
- Fellow - Indian Society for Hydraulics (FISH). No. 678.
- Fellow- International Association for Engineering and Management Education (FIAEME)-FM 10104.
- Life member of the Indian Society for Technical Education (ISTE) No. 66336.
- Life member of Indian Water Works Association. (IWWA). No. 6331.
- Life member of the Indian Society of Remote Sensing (ISRS) No. L- 3741.
- Life member of the Indian society of theoretical & applied mechanics (ISTAM) No.L/695
- Life member of The Indian Science Congress Association (ISCA)No. L26683.
- Life member of The Institute of Urban Transport, India(IUT) No. M--1558.
- Life member of Association of Agrometeorologists Anand Gujrat, India(AAM) No. LM—1284
- Life member of Indian geotechnical society New Delhi .(IGS) No.LM 4926
- Life member of The Institution of Engineers , India (IEI). No. 1318335.
- Life member of Indian Water Resources Society (IWRS) .No. 6758.