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## **VIDYADHAR VENGURLEKAR**

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Over 23 years experience in Sewerage and Water industry with special contribution to trenchless technology since its inception in India in mid-nineties. Have designed and implemented many sewerage masterplans. Involved in trenchless technology covering over 40 km of sewer lines and water mains. Visiting faculty for various institutions.

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### **Educational and Professional Status**

- Chartered Engineer (India)
  - BE (Hons) Civil Engineering, University of Mumbai, 1986
  - Qualifications in GIS, Construction Management
  - Member of Institution of Engineers (India)
  - Member of the Indian Society of Trenchless Technology
  - Member of Expert Group on Composites for GRP pipes, Technology Infrastructure Financing and Consulting (TIFAC), Government of India
  - Member Task Force- Trenchless Technology under JNNURM, Government of India
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### **Key skills**

- Trenchless technology covering microtunneling and trenchless sewer rehabilitation and renovation.
  - Sewerage masterplanning
  - GIS
  - Contract management and techno-legal inputs
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### **Key Achievements and Projects and Activities**

- First slurry microtunneling project in India for installation of sewers
  - Detail Engineering and PMC for microtunneling over 20 km length covering sewers and water mains
  - Detailing Engineering and PMC for trenchless rehabilitation over 20 km length
  - Masterplanning of sewerage systems
  - Sewerage system assessment and evaluation
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### **Employment Record**

**2010 – present    MOTT MACDONALD GROUP**

**Expert - Sewerage Rehabilitation – IWU**

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**2008 – 2010      MOTT MACDONALD GROUP  
Subconsultant**

Sub consultancy services in connection with sewer rehabilitation and microtunneling:

**2008 – 2010      FREELANCE CONSULTANT**

PMC and Expert Advice on trenchless technology  
Technical services for microtunneling project:  
Technical services for HDPE PE 100 pipes:  
PMC services for trenchless technology of HDD:

**1987 – 2008      MUNICIPAL CORPORATION OF GREATER MUMBAI (MCGM)**

**2008 – 2005      Executive Engineer In Charge (Microtunneling)**

Installation of Sewers at various locations in Mumbai by Microtunneling  
Geotechnical Investigations in connection with microtunneling works  
Diversion of water mains by microtunneling method

**1995 – 2005      Assistant Engineer**

Installation of Sewers at various locations in Mumbai by Microtunneling  
Sewerage Master planning for Mumbai  
Implementation and upgrading of GIS for Sewerage in Mumbai  
Formulation of IT roadmap for MCGM

**1987 – 1995      Sub Engineer**

Sewerage planning and design for Mumbai

**1986 – 1987      DAVY POWERGAS INDIA LTD (Now AKER KVERNEAR)  
Trainee Engineer (Civil)**

Detailed engineering in connection with various process plants in India and abroad

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**PUBLICATIONS**

- Application of trenchless technology in India- Microtunneling in Mumbai, India, 1998
  - Technical guidelines for microtunneling projects in India, Florida, USA, 1999
  - On-site sewerage treatment arrangements for tropical climates like Mumbai, Great Mumbai Licensed Plumber's Association (GBLPA), Mumbai 1999
  - Microtunneling experience in Mumbai, No-Dig India, New Delhi, 2002
  - First Microtunneling Project in India, World Bank Seminar, Mumbai 2001
  - A new Era- Microtunneling- Advance Technology in water and Sewerage and Public Private Partnerships, Central Public Health Engineering Organization (CPHEEO), Government of India
  - Sewerage in Mumbai- Past Present and Future- GBLPA, 2001
  - Policy for trenchless technology, Civic Training Institute and Research Center (CTIRC), MCGM, Mumbai
  - Appropriate trenchless technology- Seminar on utility infrastructure development and management, Bangalore, 2003
  - Microtunneling for installation of underground services, IIT, Mumbai 2003
  - Buried Services Management and trenchless technology, CTIRC, 2003
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- Business development challenges for trenchless technology in India, No-Dig Asia 2003
  - Trenchless Technology and rehabilitation techniques at IFAT, 2004
  - Asset Management using GIS for sewerage system in Mumbai, ESRI User Conference, 2006
  - Use of GRP in rehabilitation of sewers in Mumbai, ICERP, Chennai, 2006
  - Trenchless Technology in Indian Perspective and present scenario (SWOT analysis) No-Dig India, 2008