



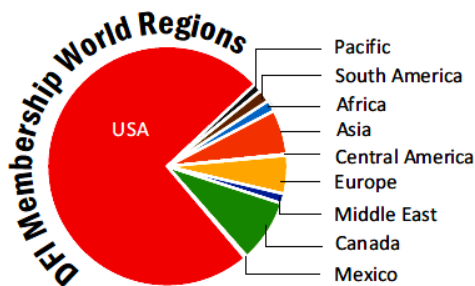
DFI India Overview

Who we are

DFI of India (DFII) is a non-profit organization and is a chapter of Deep Foundations Institute (DFI), a US-based international non-profit organization established with the goal of advancing the deep foundation construction industry.

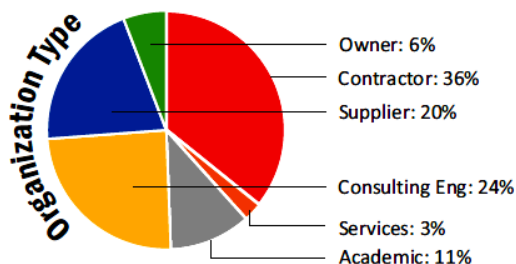
DFI is an international association of **Owners, Contractors, Consultants, Specialized Contractors, Manufacturers, Suppliers, Service Providers, and Academia** in the deep foundations industry. Our multidisciplinary membership creates a consensus voice and a common vision for continual Improvement in the planning, design and construction of deep foundations and excavations. DFI is committed to ensuring safety, promoting quality, enhancing durability and increasing sustainability of foundation projects.

DFI brings together members through networking, education, communication and collaboration. DFI promotes the advancement of the deep foundations industry through technical committees, educational programs, seminars, webinars, workshops and conferences, publication of guides and specifications, a peer-reviewed journal, a flagship magazine, research, government relations and outreach.



History

DFI has a rich history of 45 plus years. DFII was formed in 2013 following the success of the “Deep Foundation Technologies for Infrastructure Development in India” Conference held in Chennai, India, in 2012. It established its full-time office in December 2017.



Membership

DFI has more than 4,000 involved, knowledgeable and committed members making an impact in the deep foundations industry worldwide. The diverse membership encompasses all disciplines of the foundation industry and performs the various specialties that comprise deep foundations. The Regional Chapter provides joint membership in DFI and DFII and the added benefit of a local DFI presence.



FINDING COMMON GROUND®

What we do

Our Vision, Purpose, Mission

India has set its sights on becoming a \$5 trillion economy by year 2024. As a first step in this direction, Government of India appointed task force which firmed up plans for investing INR 111 lakh crores in infrastructure projects over next five -year period. This development augurs well for future prospects of the Indian construction industry.

There is ample scope for advancing foundation construction practices in India to reach the global best level on technology and skill development fronts by deploying modern equipment and good work practices. These advancements will mitigate severe time/cost overruns in implementing major infrastructure projects on account of recurring geotechnical and foundation issues in Indian scenario. Improvements will add huge financial savings to the government/owners/contractors and others on major infrastructure projects.

DFII's mission is to support the Indian foundation industry on a continuous and sustained basis in measured and measurable steps, become very professional, and embrace new technologies for India's faster development. The chapter looks to provide a platform for continuous interaction among the Indian foundation industry stakeholders, including those international agencies with an India focus.

Conferences, workshops, seminars, and webinars are conducted regularly by involving the global level's best expertise for propagating good practices in the Indian geo foundation industry by presenting interesting case studies. Interesting case studies and panel discussion are presented to raise technical awareness and propel the state-of-practice in foundation design, construction, testing, contracting methods, and risk-sharing in the India foundation industry.

Current Programs

CFA Pile Technology Implementation Committee

Three years' consistent efforts of this committee resulted in installing six numbers of Continuous Flight Auger (CFA) piles and testing them for vertical compression, tension and lateral capacities. Reports on design and construction, installation, and load testing records shared with major stakeholders in India and available on the DFII website. CFA pile guidelines document developed and referred to BIS piling committee for consideration of IS Code.



Based on interest being shown by some of the major contracting/ consultancy companies, DFII is hopeful to see this technology implemented in few projects in 2021. This initiative can pave the way for executing more projects in India with CFA pile in future and in enhancing the productivity of piling jobs significantly (possible to achieve 400 m piling per day).

For progress details, visit <http://www.dfi.org/commhome.asp?ICFA>

DFII Committee on Geo-technical Characterization for Foundation (DCGCF)

Improvements to the geotechnical investigation practices in India will advance the implementation of large-scale infrastructure projects and modern foundation technologies.

Under this committee's leadership, DFII is developing skill training and certification programs relevant to geo-technical investigation for lab technicians and field supervisors and in implementing good work practices. The dedicated efforts of this committee over the last two years will result in launching short term training and certification program catering to already employed lab technicians during 2021 in major cities like Delhi, Mumbai, Bangalore, Chennai and Hyderabad.



For progress details visit <http://www.dfi.org/commhome.asp?IGCF>

Current Programs

Women in Deep Foundation (WiDF) India Team

The program aims to encourage and empower women practitioners to take on key roles in the deep foundations, civil engineering and construction industry.

A core group of more than 20 women professionals is involved in developing and organizing professional development programs, and networking sessions for helping the women and young professions community.



Students Outreach Program 'Groundwork'



The main goal of the DFI Groundwork is to supplement academic coursework with practical design, construction methods, QC/QA topics for providing overall professional development of a civil engineering student. Helping the students on personal growth by discussing business topics, highlighting various project roles in the deep foundations' industry, describing different career options and introducing companies in deep foundations is envisaged by the program.

The students will become aware of the DFI activities and the resources available. The professors from various IITs and field experts shape the programs with the DFI India team's help.

For more details visit: <http://www.dfi.org/groups.asp?isi>

Educational Series / Training Programs

Commencing from 2020, DFI started implementing webinar programs as an educational series covering various deep foundation solutions. Based on demand from major organizations, training programs for the geotechnical and foundation industry planned from 2021 will help them understand the finer points of foundation construction in meeting major implementation challenges, including time/cost overruns. Professionals from the industry will be regularly updated about these programs.



Current Programs

Conferences and Workshops

DFII annual conference programs are very popular in India for its rich content, deliberations/case studies from global experts on topics of interest and technological advancements. Workshops on specific topics are also very educative and professionals from the industry look forward to attending these programs. The schedules of conferences/workshops are updated from time to time in DFI website and also shared with all members.

Novotel Hyderabad	IIT Bombay	IISC Bangalore	IIT Madras	NAC Hyderabad	2021	DFI India 10th Anniversary Conference
2011	2013	2015	2017	2019		
2012	2014	2016	2018	2020		
IIT Madras	IIT Delhi	IEST Shibpur	IIT Gandhinagar	Virtual Conference		



How we work

Collaborative Approach

DFII regularly interacts and collaborates with experts/professionals from major organizations in India and abroad for implementing its various initiatives. There are currently about 50 professionals representing more than 30 Indian and international organizations, involved in different DFII initiatives.

DFII cooperates with other similar organizations like The Indian Geotechnical Society and premium educational institutes like IITs, NITs to conduct its various programs.

DFI and Chennai Metro Rail Ltd (CMRL) have established a collaborative working group of global experts who will facilitate the formulation and implementation of guidelines covering planning, design, contractual issues, equipment management, and construction testing aspects of phase 2 of the project. Such guidelines will mitigate time and cost overrun risks based on geotechnical and foundation issues, which is a common challenge in most metro rail project.



Alliances

- ◆ DFII has signed a 5-year MOU with Chennai Metro Rail Limited to provide value based solutions corresponding to geotechnical and foundation scope of their second phase project
- ◆ DFII has signed a 5-year MOU with National Academy of Construction (NAC), a Government of Telangana Organisation at Hyderabad to implement skill development programs related to geotechnical investigation.
- ◆ DFII is working towards a viable skill development program for rig operators and in discussions with Infrastructure Equipment Skill Council (an initiative of CII, ICEMA & NSDC) to put joint efforts to achieve this goal.



(To know more visit <http://www.dfi.org/aboutdfiindia.asp?alliances>)

Organization

DFII is a non-profit company registered under Ministry of Company Affairs, Government of India, and has a board of directors. It has an executive committee with eminent members drawn from different stakeholders in the Foundation Industry.

Mr. IV Anirudhan, one of the Directors and a geotechnical consultant is the chairman of the executive committee. Mr. Mohan Ramanathan, Managing Director of Advanced Technologies Limited, Chennai, is acting as the vice chair. Dr. KS Rama Krishna, a foundation expert, was the chairman during the previous term.

DFI US leadership provides handholding to DFII team in all its activities, including securing global expertise. The DFII robust executive committee comprising experts in different domains and drawn from major owner, contractor, consultant, academic & geotechnical organizations, equipment manufacturers provides strategical direction and other support for the organization's success.

DFII full-time office staff, under the guidance of its director of operations Mr. G Venkata Prasad, implements DFII leadership-approved programs.

DFII Board

Dr. K S Rama Krishna, Ex L&T ECC, Director
 Mr. I V Anirudhan, Geotechnical Solutions, Director
 Mr. Mohan Ramanathan, ACT, Director
 Mr. G Venkata Prasad, Ex L&T ECC,
 Director Operations

DFI USA

Ms. Theresa Engler, Executive Director
 Ms. Mary Ellen Large, P.E., D.GE,
 Director of Technical Activities

Support Committee

Mr. Satyajit Vaidya, P.E., Langan Engineering
 Ms. Srilakshmi Nagarajan, Giken America
 Dr. Conrad Felice P.E., P.Eng., D.GE, C W Felice LLC
 Dr. Sastry Putcha, Smart Structures
 Mr. Gianfranco DiCicco, Bauer Foundations
 Mr. Jim Morrison, P.E., Cowi

DFII Office Team

DFII is working with a dedicated 2-member professionally qualified office team committed for the DFII Mission. We have plans to expand this team for playing bigger role for the benefit of Indian geo foundation industry.

Mr. T S Mahendran, MBA - Finance and System
 Manager - Accounts & Administration
 Email: dfiindiaoffice@gmail.com

Mr. Pranav Jha, B.E. - Civil Engineering
 Assistant Manager - Operations
 Email: activities@dfi-india.org

DFII Executive Committee

Mr. I V Anirudhan, Director, Chair
 Mr. Mohan Ramanathan, Vice Chair
 Dr. K S Rama Krishna, Director, Immediate Past Chair
 Mr. G Venkata Prasad, Director Operations
 Mr. Arvind Srivastava, NPCIL, Mumbai
 Mr. B. S. Srinivas, CMRL, Chennai
 Mr. K. Bairagi, L&T Ltd., Chennai
 Dr. Sunil S. Basarkar, Afcons Infrastructure Ltd., Mumbai
 Mr. Y. Harikrishna, Keller Ground Eng. P. Ltd, Chennai
 Mr. V. K. Panwar, EIL, New Delhi
 Dr. N Kumar Pitchumani, AECOM, Chennai
 Mr. Ravikiran Vaidya, Geo Dynamics, Vadodara
 Mr. Sanjoy Chakrabarty, Soilmec, Mumbai
 Prof. Amit Prashant, IIT Gandhinagar
 Prof. A. Boominathan, IIT Madras, Chennai
 Mr. K. Bikshapati, NAC, Hyderabad
 Prof. Shailesh R. Gandhi, SVNIT Surat
 Prof. N. K. Samadhya, President, IGS, New Delhi

For more details contact

Deep Foundations Institute of India

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44/17 'BHASKARA', 19 Usha Street, Dr. Seethapathy Nagar

Velachery, Chennai, TN, India

Email: dfiindiaoffice@gmail.com, www.dfi-india.org

M: +91-9710222444