

DHARGALKAR TECHNOESIS (I) PVT. LTD.

Structural Engineering • Project Management • Professional Training • Mediation

D-104, Radha Govind, Radha Residency CHS, Near Siddharth Nagar
Off W. E. Highway, Borivali (E), Mumbai 400 066, India
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COMPANY PROFILE

- Name:** **DHARGALKAR TECHNOESIS (I) PVT. LTD.**
- Status:** Private Limited Company incorporated in 1997
Service Enterprise (MSME-Micro), Govt. of India (UDYAM-MH-18-0052111)
- MD & CEO:** Umesh Dhargalkar, B.Tech. (Civil), M.Tech. (Struct.) IIT-Bombay
- Office:** D-104, Radha Govind, Near Siddharth Nagar, Off W.E. Highway
Borivali (E), Mumbai 400 066, India
Phone: 022 62517858, Mobile: +91 9819732195
Email: technoesis@gmail.com Website: www.technoesis.co.in
- Consulting:
Services**
1. Project Management - Redevelopment & Construction
 2. Structural Audit, Rehabilitation & Retrofitting of Buildings
 3. Structural Design of Buildings, Transmission Lines & Special Foundations
 4. Professional Training in Construction Industry
 5. Commercial Mediation (Alternate Dispute Resolution)
- Accreditation:**
1. Accredited by CDC, DSIR, Ministry of Science & Technology, Govt of India
 2. Accredited Mediator, Indian Institute of Arbitration & Mediation (Director)
- Empanelment:
& Licenses**
1. Structural Engineer's License, Municipal Corp. of Greater Mumbai
 2. Surveyor License, Municipal Corporation of Greater Mumbai
 3. Licensed Struct Engineer, MCGM, Govt of Maharashtra
 4. Empanelled as Mediator & Arbitrator with Indian Institute of Arbitration & Mediation (Director)
- Associates:**
- Structural: Pedanekar & Associates
Legal: Krishna Tanna & Associates
Testing: Aaryan Engineers
- Major Clients:** MCGM, MMRDA, MSEB, Jyoti Structures Ltd., Videsh Sanchar Nigam Ltd.
University of Mumbai, Leela Scottish Lace Ltd., Army Welfare Housing
Organization, Indian Railways Welfare Organization, Indian Oil Corporation,
Konkan Railway Corporation Ltd., MHADA, Kamat Hotels (I) Ltd., Hotel Leela
Kempinski, Aga Khan Education Service, Kvaerner Power gas, Bank of India,
Aga Khan Planning & Building Service, India, National Housing Bank, Somaiya
Polytechnic, Wacker Chemie India Pte Ltd, LIC, ACG Associated Capsules Pvt.
Ltd., private developers & housing societies
- Overseas:
Projects**
- National Electric Power Authority of Nigeria, Dept of Electrical Services, Brunei
Ministry of Elect & Water, Dubai & Research Project for Purdue University-USA.

CV OF UMESH DHARGALKAR

- Name:** **UMESH DHARGALKAR**
Managing Director, Dhargalkar Technoesis (I) Pvt. Ltd.
- Educational:** B. Tech. (Civil), IIT Bombay, May 1982
- Qualifications:** M. Tech. (Structures), IIT Bombay, Jan 1985
- Fields of Practice:** Civil-Structural Engineering, Construction Project Management
Structural Rehabilitation, Professional Training and Commercial Mediation
- Accreditation & Empanelment:**
1. Senior Professional Engineer, Engineering Council of India & CIDC
 2. Accreditation from Consultancy Development Center, DSIR, Ministry of Science & Technology, Govt of India (For the Company)
 3. Accredited Arbitrator & Mediator, Indian Inst. of Arbitration & Mediation
 4. Empanelled as a Mediator/Conciliator with MCA, Government of India
 5. Empanelled as a Neutral, Indian Institute of Arbitration & Mediation
 6. Accredited Mediator & Arbitrator, Mediation & Conciliation Network
 7. Fellow of Indian Institution of Technical Arbitrators
- Prof Licenses:**
1. Structural Engineer's License, Municipal Corp. of Greater Mumbai
 2. Surveyor License, Municipal Corporation of Greater Mumbai
 3. Licensed Struct Engineer, MCGM, Govt of Maharashtra
- Memberships:**
1. Advisory Trustee of the Indian Society of Structural Engineers
 2. Fellow of the Institution of Engineers (I): Chartered Engineer
 3. Life Member of the American Concrete Institute
 4. Life Member of the Indian Concrete Institute
 5. Life Member of the Association of Consulting Civil Engineers
 6. Life Member of Indian Association for Structural Engineering
 7. Member of Practicing Engr, Arch & Town Planners Association
 8. Life Member of Indian Geotechnical Society, Mumbai Chapter
- Awards:**
- Recipient of CIDC Vishwakarma Award as an "Innovator" in 2017 and for "Construction Education" in 2019 (for the Company) from Construction Industry Development Council
- Recipient of CREDAI-MCHI "Master in Redevelopment" Award 2025 (for the Company) from CREDAI-MCHI
- Recipient of ECI "Outstanding Achievement Award 2026" from Engineering Council of India
- Publications:** He is a co-author of a Manual of Practice "*Professional Services by Structural Design Consultants*" published by the Indian Society of Structural Engineers.

Technical Papers Published:**A] Construction Project Management**

Title of Paper	Name of Journal/ Conference	Date of Publication
1. A Management Information System for Monitoring Construction Projects	Proceedings of 6 th National Conference on Construction, CIDC, New Delhi	Nov 2003
2. A Model for Evaluation of Item-Rate Bids	Proceedings of 6 th National Conference on Construction, CIDC, New Delhi	Nov 2003
3. Essentials of Redevelopment of Infrastructure – An Indian Scenario	International Conference on "Recent Advances in Civil and Environmental Engg, Walchand College, Sangli	Mar 2017

B] Structural Design & Detailing

Title of Paper	Name of Journal/ Conference	Date of Publication
1. Guidelines for a Structural Engineer for Practicing as Design Consultant	The Indian Concrete Journal	Jan 2002
2. Quick Calculations of Steel for Singly Reinforced Section	Journal of the Indian Society of Structural Engineers	Jan-Mar 2002
3. Generalized Approach for Designing RC Beams	The Indian Concrete Journal	Dec 2002
4. Ready Formulae for Calculating stress in Steel	Journal of the Indian Society of Structural Engineers	Jul-Sep 2002
5. Effects of Distribution of Rebars on Design of Columns	Journal of the Indian Society of Structural Engineers	Apr-Jun 2003
6. Design of Simply Supported One-Way Slab loaded by Strip Load along Span	The Indian Concrete Journal	Feb 2004
7. Post Tensioned Slabs	Journal of the Indian Society of Structural Engineers	Oct-Dec 2004
8. Understanding Quenched & Tempered Rebars	Journal of the Indian Society of Structural Engineers	Oct-Dec 2006
9. Structural Design Using Quenched & Tempered Rebars	Journal of the Indian Society of Structural Engineers	Jan-Mar 2007
10. Corrosion of Reinforcement	Journal of the Indian Society of Structural Engineers	Oct-Dec 2007

C] Structural Assessment & Rehabilitation

Title of Paper	Name of Journal/ Conference	Date of Publication
1. Regulating Alterations within Apartments in a Co-op Housing Society	The Indian Concrete Journal	Aug 2003
2. Seismic Assessment of Buildings: A Suggested Methodology	The Indian Concrete Journal	Aug 2002, Special Issue
3. Structural Rating of RC Buildings using Qualitative Parameters	Proceedings of the 12 th Symposium on Earthquake Engineering, IIT-Roorkee	Dec 2002
4. A Structural Distress Scenario for the City of Mumbai	Proceedings of the National Seminar on "Repair and Rehabilitation of Structures", ACI-IC, Mumbai	Jan 2004
5. Seismic Rating of Buildings using Qualitative Parameters	Proceedings of the International Conference on "Managing Seismic Risk in Developing Countries", Bhopal	Mar 2004
6. A Web-Based Model for Rapid Seismic Assessment of Buildings	Proceedings of the 19th Indian Engineering Congress, The Institution of Engineers (I), Mumbai	Dec 2004

Seminars/ Workshops: He has conducted/ given talks at the following seminars/ workshops:

Seminar/ Workshop Topic	Date	Venue	Remarks
1. Seismic Design and Detailing of RCC Framed Structures	Feb 2002	Mumbai	For Indian Society of Structural Engineers
2. Software Tools for Structural Design of Buildings	Feb 2003	Mumbai	For Indian Society of Structural Engineers
3. Seismic Aspects for Design of Buildings	Oct 2003	Bhiwandi	For Municipal Corporations of Mumbai and Bhiwandi
4. Structural Audit: Methodology, Guidelines and Related Issues	Nov 2003	Mumbai	For Indian Society of Structural Engineers
5. Structural Audit/ Assessment	Nov 2003	Mumbai	For Indian Society of Structural Engineers
6. Structural Audit/ Assessment	Apr 2004	Pune	For Indian Society of Structural Engineers
7. Post Tensioned Slabs	Oct 2004	Mumbai	For Indian Society of Structural Engineers
8. Structural Audit/ Assessment	Dec 2004	Mumbai	At K.J. Somaiya Polytechnic
9. Rapid Seismic Assessment of Buildings	Jun 2005	Dubai	For Aga Khan Planning & Building Service
10. Structural Detailing In RCC Buildings	May 2007	Mumbai	For Indian Society of Structural Engineers

Seminar/ Workshop Topic	Date	Venue	Remarks
11. Seismic Isolation and Column shortening of High-rise	Sep 2008	Mumbai	For Indian Society of Structural Engineers
12. Structural Audit/ Assessment	Sep 2008	Pune	For Indian Society of Structural Engineers
13. Structural Audit/ Assessment	Apr 2009	Pune	At Sinhgad College of Engineering
14. Structural Detailing Using Software	Jun 2009	Mumbai	For Indian Society of Structural Engineers
15. Structural Design of Multistoried RCC Buildings	Jul 2009	Mumbai	With Sardar Patel College of Engineering
16. Design of Steel Structures Using IS 800: 2007	Nov 2009	Mumbai	With Sardar Patel College of Engineering
17. Effective Property Management in the 21st Century	Dec 2009	Mumbai	At K.J. Somaiya Institute of Management Studies
18. Planning & Designing Earthquake Resistant Buildings	Feb 2010	Mumbai	With IES College of Architecture
19. Structural Audit & Rehabilitation of Buildings	Mar 2010	Mumbai	At VJTI
20. Structural Audit/ Assessment	Feb 2011	Pune	At Sinhgad College of Engineering
21. Structural Audit/ Assessment	Mar 2011	Solapur	For Indian Society of Structural Engineers
22. Structural Audit/ Assessment	Jan 2012	Mumbai	At VJIT
23. Redevelopment of Buildings – Role of Various Agencies	Dec 2014	Mumbai	At VJIT
24. Process of Redevelopment, Roles of Different Agencies & Selection of a PMC	Jan 2015	Mumbai	For Institute of Chartered Accountants of India
25. Structural Audit & Non-destructive of Buildings	Mar 2016	Mumbai	At CETTM
26. Construction of Civil works: Reinforcement	Jul 2016	Mumbai	Industry Readiness Program for Fresh Engineers
27. Effective Supervision of Projects: Site Records, Communication and Reporting	Aug 2016	Mumbai	Industry Readiness Program for Fresh Engineers
28. Structural Audit: Concept, Scope & Procedures	Aug 2016	Amravati	For Government College of Engineering, Amravati
29. Mediation for Dispute Resolution in Construction Projects	Sep 2016	Mumbai	At Big5 Construct India Exhibition
30. Deal Mediation	Feb 2017	Mumbai	Professional Mediation Training Program at CETTM
31. Mediation for Dispute Resolution in Construction Projects	Feb 2017	Pune	For Indian Society of Structural Engineers, Pune
32. RCC Design using Spreadsheet Applications	Apr 2017	Mumbai	CPD Program approved & supported by ECI & CIDC

Seminar/ Workshop Topic	Date	Venue	Remarks
33. Rehabilitation & Strengthening of Structures	May 2017	Mumbai	CPD Program approved & supported by ECI & CIDC
34. Construction Cost Management - A Modern Approach: Billing, Bill Checking and Certification	Jul 2017	Mumbai	CPD Program approved & supported by ECI & CIDC
35. Construction Cost Management - A Modern Approach: Engineer's & Architect's Certificates as per RERA	Jul 2017	Mumbai	CPD Program approved & supported by ECI & CIDC
36. RERA - New Challenges & Opportunities	Sep 2017	Mumbai	CPD Program approved & supported by ECI & CIDC
37. RERA - Introduction to Dispute Resolution Methods	Sep 2017	Mumbai	CPD Program approved & supported by ECI & CIDC
38. Mediation & Conciliation for Resolution of Construction Disputes	Nov 2017	Mumbai	CPD Program approved & supported by ECI & CIDC
39. Conciliation & ADR in Construction	Jan 2018	Mumbai	For NICMAR, Mumbai
40. Structural Audit & Non-destructive Testing	Jun 2018	Mumbai	CPD Program approved & supported by ECI & CIDC
41. RCC Design Using Spreadsheet Applications	Dec 2018	Mumbai	CPD Program approved & supported by ECI & CIDC
42. Construction Cost Management Using Spreadsheet Applications	Jan 2019	Mumbai	CPD Program approved & supported by ECI & CIDC

Public Awareness Programs:

Topic	Date	Venue	Remarks
1. Understanding Essentials of Redevelopment Projects	Sep 2014	Mumbai	For General Public
2. Understanding Essentials of Redevelopment Projects	Mar 2015	Mumbai	For General Public
3. Understanding the Process of Redevelopment	Jun 2018	Mumbai	For General Public
4. Avoiding Pitfalls & Failures in Redevelopment	Jun 2018	Mumbai	For General Public
5. Understanding the Process of Redevelopment	Jul 2018	Mumbai	For General Public
6. Understanding the Process of Redevelopment	Aug 2018	Mumbai	For General Public
7. Understanding Self-redevelopment	Sep 2018	Mumbai	For Girnar CHS, Borivali (W)
8. Understanding Self-redevelopment	Sep 2018	Mumbai	For Aram Nagar Meena CHS, Andheri (W)
9. Process of Selecting a Developer for Redevelopment	Oct 2018	Mumbai	For Yoganand CHS, Borivali (W)
10. Understanding Self-redevelopment	Dec 2018	Mumbai	For Sheetal CHS, Borivali (W)
11. Roadmap for a Successful Redevelopment Project	Feb 2019	Mumbai	At Shanbhag Hall, Vile Parle (E) For General Public

TECHNICAL TEAM**Directors:****Umesh Dhargalkar**

Designation: Managing Director
 Qualifications: B. Tech. (Civil), IIT Bombay
 M. Tech. (Struct.), IIT Bombay
 Experience: 40 years

Rupali Joshi

Designation: Director
 Qualifications: B E (Civil)
 Experience: 25 years

Project Coordinators:**Shivaji Wandre**

Designation: Sr. Project Coordinator
 Qualifications: B E (Civil), M E (Construction Management)
 Experience: 28 years

Laxmikant Umarji

Designation: Sr. Project Coordinator
 Qualifications: B E (Civil)
 Experience: 50 years

Other Technical Staff:

Name	Designation	Qualification	Experience
1. Shruthi Argekar	Sr. Project Engineer	B E (Civil)	18 yrs
2. Aditya Dandekar	Sr. Architect	B Arch, M Tech	21 yrs
3. Rupesh Hatankar	Project Coordinator & Supervisor	Diploma in Bldg & Con., B Com, CBM	10 yrs
4. Abhishek Shirke	Project Engineer	B E (Civil)	5 yrs
5. Harita Chavan	Project Engineer	Diploma (Civil)	Trainee Engineer

Associates:

- Structural: Pedanekar & Associates
- Legal: Krishna Tanna & Associates
- Testing: Aaryan Engineers