

Raghuvir Salkar

Co-Founder, Partner

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Key Skills

Project & Design Management

Steel, PEB, RCC & Timber Design

Leadership Skills

Interpersonal Skills & Collaboration

Expertise in Indian, American and

International Design Codes

Design of Marine Structures

Memberships

American Institute of Steel Construction
(AISC)

American Concrete Institute (ACI) – Past
President of India Chapter

Institution of Engineers, India (IE)

Goa State Higher Education Council

Board of Studies, Goa University

Campus Development Committee of Goa

Institute of Management (GIM)

Languages

English

Hindi

Konkani

Marathi

Certifications

Engineering Council of India
Professional Engineer

Institute of Engineers (India)
Chartered Engineer

Bombay Municipal Corporation
Structural Engineer for Unlimited Floors

Summary

An established structural engineer (with a Ph. D. in US) in the industry with over 30 years of experience in various projects all over India and abroad. He has won various awards for his works and has also served as the President of American Concrete Institute (ACI) – India Chapter.

He has designed various kinds of structures including warehousing facilities, industrial buildings ranging from chemical plants, iron ore beneficiation plants, FMCG, F&B, computer assembly, etc. He has also designed shipyards, minor ports, roads, bridges, and other infrastructure facilities.

Significant Technical Papers

“Web Crippling Under Edge Loading”, Elgaaly M. and Salkar R. (1991), *Proceedings of AISC National Steel Construction Conference*, Washington D.C.

“Crippling of Webs with Partial-Depth Stiffeners under Patch Loading”, Salkar R., et al (2015), *AISC Engineering Journal*, 4th Quarter, 2015, 221, USA.

Recommendations in the above Papers have been adopted in the U.S. Steel Design Code (2016 AISC Specification). Use of this Code is mandatory for all practicing structural engineers in the US, in the design of steel structures.

In addition, presented several papers at conferences in Singapore, Japan, Canada, USA.

Education

University of Maine, Orono
Ph.D. in Structural Engineering

University of Poona
M.E. in Structural Engineering

University of Bombay
B.E. in Civil Engineering

Noteworthy Mentions

Past President of American Concrete Institute (ACI) – India Chapter.

Awarded the ACI Chapter Activities Award during his stint as President (given annually to 3 to 5 people worldwide).

Awarded the “Outstanding Concrete Engineer” award by the Indian Concrete Institute (ICI) and UltraTech Cement Limited for his immense contributions to the Construction Industry.

Original research work cited in the AISC (American Institute of Steel Construction) Design Code (only a handful of Indians have managed this).

Consultant to Industrial Development Corporation of Goa.

Consultant to Economic Development Corporation of Goa.

Consultant to Government of Gujarat's Alcock Ashdown (India) Ltd., Bhavnagar, for development of their Chanch and Bhavnagar yard.

Presented and published technical papers at International conferences in USA, Canada, Czech Republic, Singapore and Japan.