



Anil Mahadik

**MTech (Structures), C.Eng.
Structural Consultant**

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Anil has over 22 years' experience in structural and civil engineering. He specialises in design and consultancy of high rise residential, commercial and industrial projects for domestic and overseas clients. He is also well versed with project management and the design of water supply, hydropower projects. He has worked for different clients within USA, New Zealand, Middle East and India.

Anil's experience relates primarily to the design of civil structures including all types of high rise buildings, wet infrastructure and industrial buildings. Also his experience is into the design of stadiums and different automobile industrial structures including conventional and pre-engineered steel buildings. He has worked through all phases of projects from budgetary estimates, concept development, detailed design and site supervision.

Over the past years Anil has completed Chicago's visit regarding the Cannelton hydroelectric power project and Abu Dhabi visit regarding high rise building and pumping station project. Anil has given number of technical presentations in current and previous companies. Anil has also presented and published International and National papers in journals on following subjects:

- Structural audit of buildings
- Value Engineering Tool for Sustainability in Construction
- Value Engineering in construction projects.

SPECIALISATIONS

- High Rise Buildings
- Design Build
- Preliminary and Detailed Design
- Structural Design
- Water Treatment Plants

SOFTWARE PROFICIENCY

- STAAD, ETABS, SAP, SAFE, TEDDS, PLANWIN, RCDC, AUTOCAD

DESIGN CODES

- IS, BS, UBC, ACI, AUS AND NZ

CAREER SUMMARY

- Structural Consultant, SCCC Pvt. Ltd.(India), 2015 to present.
- Senior Structural Engineer , MWH Resource NET, (India) Pvt. Ltd, 2011 to 2015
- Manager (Structural Design) , Synefra, (Formerly Suzlon Infrastructure Pvt. Ltd) ,Pune, India, 2011 to 2011
- Manager (Structural Design) , Shapoorji & Pallonji Co. Ltd (Design & Build), Mumbai, India, 2009 to 2011
- Associate Lead Engineer (Structural) , Neil soft Ltd .Pune, India, 2008 to 2009
- Manager (Structural) , Tata Motors Ltd. Pune, India, 2007 to 2008
- Senior Structural Engineer , Eco Designs India Pvt. Ltd. Pune, India, 2003 to 2007
- Junior Civil Engineer , Gera Developments Pvt. Ltd. Pune, India, 2002 to 2003

QUALIFICATIONS

- M-Tech, Structural Engineering (COEP, Pune)
- BE, Civil Engineering (COEP, Pune)
- Certificate, Chartered Engineer, India
- Certificate, Member of Indian Society of Structural Engineers, India
- Certificate, Member of Institution of Engineers, India
- Structural Auditor (PCMC)

Anil Mahadik A SELECTION OF PROJECT SUCCESSES

G+12 RBI Residential Buildings at Mumbai, Chennai & Delhi, Reserve Bank of India, 2009 to 2010

As a Structural Manager, Anil was responsible for reviewing engineering design and documentation of outsourced projects. He was also involved in coordination and communication with contractor, client, structural and other consultants. He has been also involved in providing structural design and drawings for tendering purpose as a leading team member.

Sinogulf Capital Centre Tower 1, C-18, C-19, Sinogulf, Abu Dhabi 2008 to 2009

As a Lead Engineer, Anil was responsible in leading the team of engineers and detailers, reviewing the analysis, design and drawings of high rise commercial and residential building located at Abu Dhabi. He was also involved in monitoring and maintaining the quality and timeliness of the project. He has shown effective leadership and motivate team members for high efficiency. He also provided assistance to the discipline management team in relation to streamlining processes and practices. The structures included 30 to 40 story high rise buildings along with basement rafts, post tension flat slabs, overhead and underground water tanks.

Tata Morcopolo Industrial Project, Tata Motors Ltd., 2007 to 2008

As a Structural Manager, Anil has engineered and managed projects for clients in commercial and manufacturing industries. Technical design work included concept development, modification and evaluation. Project management scope encompassed identifying and developing clients, preparing proposals and managing projects through to completion. He was responsible for project planning, including resourcing and establishment of project deadlines. He conducted peer reviews and verify engineering designs and drawings for other engineers/designers. He was involved in liaison with sub-consultants, contractors and other discipline vendors. The structures included different RCC buildings, automobile industrial steel structures, pipe racks, generator house, water treatment plants.

Foundry Building at Talegaon, Shrinivas Engineering Auto Component Pvt. Ltd., 2006 to 2007

As a Senior Structural Engineer, Anil was responsible for analysis and design of miscellaneous RCC structures of foundry building viz. foundry area, furnace area, charging area, sand plant area, moulding area, water tank, pump rooms, LT rooms and RCC pedestrian bridge.

International Cricket Stadium at Nerul, Navi Mumbai., Dr. D.Y. Patil Sports Academy, Navi Mumbai, 2005 to 2006

As a Structural Engineer Anil was responsible for analysis, design, drawing checking and site visits required for the project. The project details are Cricket Stadium in 4 levels of 55,000 persons capacity. Other structures included Media Centre, Club House, Suspended Fabric Roof Structure in steel (5000 Sq. meters). He also designed miscellaneous projects like olympic racing pool, diving pool, badminton court, squash court, substations, pump rooms, entrance Gates etc.

Sewage Treatment plants, Thane Municipal Corporation, India, 2014

As a Senior Structural Engineer, Anil was responsible for check and review of 3 different STP projects of capacity 8.5 MLD, 22MLD and 23 MLD, guiding team of engineers and detailers. He was involved in overall ownership of the project including quality, interdisciplinary co-ordination and timeliness of the project.

DS162/2 Sewage Pumping Station, Abu Dhabi, 2014

As a Senior Structural Engineer, Anil was responsible for design, review of different structures like wet well dry well, electrical substation, MCC and odour control building, combined chamber and underground tanks. He is well versed with analysis and design of substructures and superstructures, pumping stations, discharge chambers, wet well and thrust blocks.

Cannelton Hydroelectric Project, American Municipal Power, 2011 to 2013

As a Senior Structural Engineer, Anil was responsible for reviewing of contractors submittals of shop drawings, RFIs. He was also involved in similar kind of 3 more hydroelectric projects in USA.

Pines Waste Water Treatment Plant, Selwyn District Council, 2011

As a Senior Structural Engineer, Anil was responsible for analysis and design of water treatment units and electrical Building of this New Zealand project.