



Sanjay Karkhanis
B.E. (Civil), MIE
Principal Structural Engineer

Sanjay has over 35 years experience in structural and civil engineering. He specializes in the design of industrial structures, high rise buildings, retaining structure, project management and construction supervision for domestic clients.

His structural engineering experience relates primary to the design of civil structures including industrial structures, high rise residential and commercial buildings. He has worked through all phases as a principal consultant of projects from pre-tenders, post tenders concept development, detailed design, detailed drawings, approval from sanctioning authorities, site supervision and solutions.

Over the previous year's Sanjay has worked in earthquake engineering, dynamic analysis and high rise structures. He has also presented different structural engineering topic software training to the institutions, universities and in-house structural team.

- ETABS software training
- Seminar on earthquake resisting high rise building
- STAAD software training

SPECIALISATIONS

- Industrial structures
- High-rise buildings
- Structural design
- Water retaining structures
- Value engineering

SOFTWARE PROFICIENCY

ETABS, SAFE, STAAD, AUTOCAD,
DESIGN SPREADSHEETS

DESIGN CODES

- Indian standards
- British standards
- UBC

CAREER SUMMARY

- Principal engineer, SCCC Pvt Ltd, Pune
- Senior structural engineer , K.P. Jain and Associates
- Coach, Learning Beyond...

QUALIFICATIONS

- M.Tech (Structures), College of Engineering Pune (COEP), India
- BE (Civil), College of Engineering Pune (COEP), India
- Certificate, Member of Institution of Engineers, India
- Member Indian Society of Structural Engineers

SANJAY KARKHANIS

A SELECTION OF PROJECT SUCCESSES

As a principal engineer, Sanjay is responsible for review of designs and drawings of different high rise buildings, industrial and water retaining structures. He is involve in mentoring team of engineers and detailers. He is involve in overall ownership of the project including quality, interdisciplinary co-ordination and timeliness of the project.

Industrial shed structure at Unique Electrotech, Chakan 2017

As a principal engineer, he has managed projects for clients in 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 of other engineers/designers. He was involved in liaise with sub-consultants, contractors and other discipline vendors. The structures included different RCC buildings, industrial steel structures, pipe racks, generator house, water treatment plants.

B+P+18 storey high rise residential building at Pune for Padmawati Group.

As a senior structural engineer, Sanjay was responsible in mentoring the team of engineers and detailers, reviewing the analysis, design and drawings of high rise residential building located at Pune. He was also involved in monitoring and maintaining the quality and timeliness of the deliverables. He has shown effective leadership and has motivated team members for high efficiency. He also provided assistance to the principal consultant in relation to streamlining processes and practices. The structure is 18 story high rise building which included special moment resisting frame coupled with shear wall, along with basement rafts, overhead and underground water tanks.

Effluent Treatment Plant, Dr. D.Y. Patil Pratihthan, Pune.

As a senior structural engineer, Sanjay was responsible for check and review of ETP projects of capacity 10 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.

Effluent Treatment Plant, Cadila Healthcare Ltd, Ahmadabad.

As a senior structural engineer, Sanjay was responsible for check and review of design and drawings prepared by the team of engineers and mentoring them. He was involved in overall ownership of the project including quality, interdisciplinary co-ordination and timeliness of the project. He was also involved in technical and managerial query solving.

P+17 storey high rise residential building at Pune for Lalit Oswal and Associates.

As a senior structural engineer, Sanjay was responsible for reviewing the analysis, design and drawings of high rise residential building located at Pune. He was also involved in monitoring and maintaining the quality and timeliness of the deliverables. He has shown effective leadership and motivate team members for high efficiency. He also provided assistance to the principal consultant in relation to streamlining processes and practices. The structure included 17 story high rise building included special moment resisting frame coupled with shear wall, along with basement rafts, overhead and underground water tanks.