

QUALIFICATIONS

- ✓ Master of Technology-Structural Engineering from Malnad College of Engineering, Visvesvaraya Technological University, Karnataka, India. (2007)
- ✓ Bachelor of Engineering-Civil Engineering from Gogte Institute of Technology, Visvesvaraya Technological University, Karnataka, India.

Software Proficiency

- ✓ ROBOT
- ✓ ETABS
- ✓ SAFE
- ✓ STAAD Pro
- ✓ 3Muri
- ✓ Ansys
- ✓ MS Office
- ✓ Revit, AutoCad
- ✓ C, Fortran, Matlab

Personal Details

- ✓ Nationality: Indian
- ✓ Languages: English, Kannada, Hindi, Konkani, Marathi
- ✓ Date of Birth: 20.10.1982
- ✓ Place of Birth: Karwar

Key Experience and Background

- ✓ Over 10 years of experience in the analysis and design of Civil infrastructure works consisting of Airport Buildings, Airport Airside works, Carparks, Luxury hotels, Corporate parks, Seismic Retrofitting of Existing Structures, UG Structures, Gas Insulated Substations, Water and Wastewater Treatment Plants, Liquid and Earth Retaining Structures, Piled Foundations, Cable Supporting Trenches and steel structures.
- ✓ Conversant in analysis and design of structures for Seismic and Wind.
- ✓ Proficient in design of structures to Indian, British and Euro codes.
- ✓ Highly professional, proactive individual with strong organizational and interpersonal skills.

Professional History (10 yrs)

- ✓ Feb 2017 - ongoing – Design Engineer, **ARCADIS Consulting India Pvt Ltd** (1 year)
- ✓ Jan 2008-Jan 2017 – Asst. Engineering Manager, **Larsen & Toubro Ltd** (9 years)

Work Profile

- ✓ Key member in structural Analysis and Design team
- ✓ Planning for structural system in accordance with other disciplines like HVAC, Architecture, Electrical, PHE etc & performing analysis for the prototype.
- ✓ Preparation of design document with detailed structural calculations.
- ✓ Giving inputs to CAD team for preparation of GA and RC drawings and checking.
- ✓ Design and Quality reviews with clients and getting the approval
- ✓ Preparation of Design Basis Report, Structural Specifications, Scope of Work document and Bill of Quantities.
- ✓ Documentation and auditing as per ISO 9001/Company standards.
- ✓ Co-ordination with site to facilitate proper Construction.
- ✓ Review and approval of vendor submissions

Projects History

Arcadis Consulting India Pvt. Limited — Design Engineer (UK WATERS)

Arcadis is the leading global Design & Consultancy firm for natural and built assets, Headquartered in Amsterdam, Netherlands. It is active in over 70 countries that generate €3.3 billion in revenues.

Assen Seismic Project | Client: Centre for Safe Living, Netherlands

Project involves seismic evaluation of existing dwelling units due to increased seismic activity as a result of petroleum exploration and suggesting suitable retrofitting measures. Non linear static analysis (Push-over) was carried out using 3Muri software and suitable retrofitting measures are suggested.

Eleclink, UK | Client: Siemens A.G.

Eleclink is a project to design, install and operate an HVDC 1000MW electricity interconnector between France and Great Britain via the EuroTunnel. It involved design of foundations for various equipments including Gas Insulated Switchgear, AC cables and other miscellaneous structures. Foundations are supported by group of precast piles installed in the soil. The foundations were analysed and designed using the ROBOT software and HAC pro spread sheets as per Eurocodes. Design documents were prepared as per the Arcadis standards.

Selly Park South Flood Alleviation Scheme, Birmingham, England | Client: Environment Agency, UK

As part of the Selly Park South Flood Alleviation Scheme, there are proposed flood defence cantilever retaining walls along the left and right banks of the River Rea. Analysis and Design of retaining walls was carried out by manually prepared spread sheets conforming to relevant British and Eurocodes.

The Crowhill MCC Kiosk | Client: Capital Delivery Alliance, UK**North Plymouth WTW - Botl Filter | Client: South West Water, H₂O**

These projects involved design of chambers which are partly underground. The chambers were analysed using the ROBOT software and designed using the spread sheets as per Eurocodes.

Larsen & Toubro Ltd. - Asst. Engineering Manager

L&T is a USD 15 billion Technology, Engineering, Construction & Manufacturing Company with global operations.

Terminal-2 Building, Chhatrapati Shivaji International Airport (CSIA), Mumbai | Client: GVK

Analysis and design of G+4 story terminal building with 4lac sq. meters area | Structural framing consisting of conventional beam slab system with pile foundations | Structural steel roof resting on composite columns | Structural modelling was done using ETABS | Design of structural elements using in-house spreadsheets.

Airside works for Chhatrapati Shivaji International Airport (CSIA), Mumbai | Client: GVK

Analysis and design of various underground utilities including trenches, sumps, ductbanks and chambers subjected to aircraft/tug loading | Slab on grade inside the building designed for equipment loadings such as AHU, transformers etc. | Also included design of peripheral works such as design of boundary walls, blast fence etc.

Multi level car park building, Chhatrapati Shivaji International Airport (CSIA), Mumbai | Client : GVK

Nine storied building of 2 lac sq. meters area with four basements with a capacity of 5200 cars | Structural framing with banded beam system supported on raft foundations.

Electrical and HVAC Building , Chhatrapati Shivaji International Airport (CSIA), Mumbai | Client : GV

G+1 storey buildings with with 6000 sq. mts of built up area | Structural framing is conventional beam slab system with open foundations | Design of thirty mts height structural steel exhaust stack for DG using STAAD Pro. | Block type machine foundation design for 320 kVA DG set.

Taj Santacruz, Mumbai | Client : GVK

G+9 storey building with 50000 sq. mts of built up area and 183 luxury rooms | Structural framing is conventional beam slab system with open foundations | Design of façade supporting structural steel framing | Review of vendor submissions for façade works

Basement Car Park, Taj Santacruz, Mumbai | Client : GVK

Underground 2 storied building with with 5000 sq. mts of built up area | Structural framing is conventional beam slab system with raft foundations | Design of rock anchor capacities for uplift | Coordination with geotechnical team for contiguous pile system due to constrained excavation at site

Radar building, CSIA, Mumbai | Client : GVK

G+3 storied building with dual system with ductile shear wall and RC moment resisting frame to support the Radar Antennae and related services.

Corporate business park, Hyderabad | Client: Cognizant Technology Services, India

G+14 storied building with post tensioned slabs and isolated footings. | As a Design coordinator ensured smoother execution at site and effective solution of site related queries wrt structure, architecture and MEP services.

Tendering works

Tender Jobs for Termial-1 expansion program of Bengaluru International Airport (BIAL), Goa International Airport.
