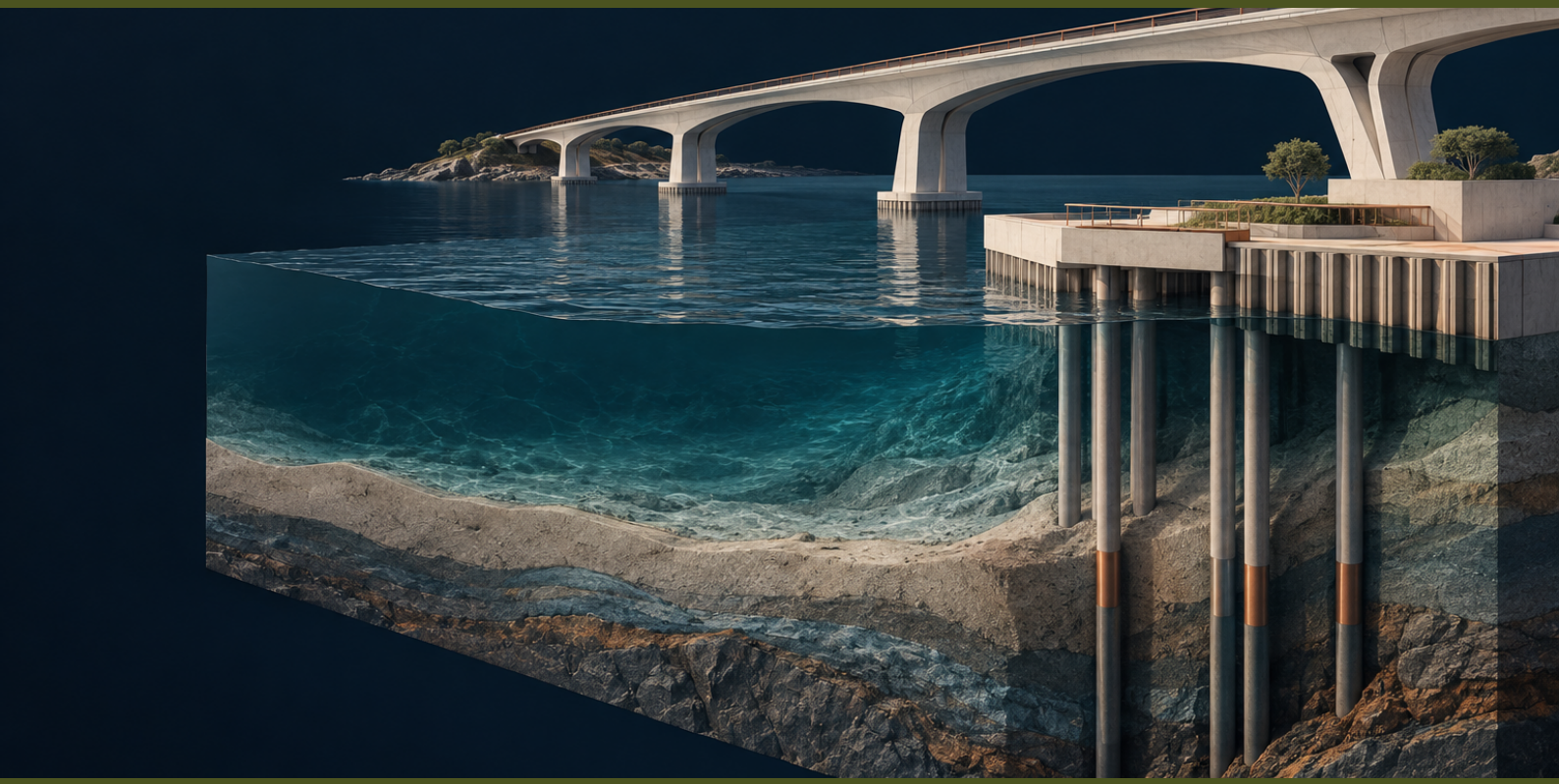
ARCHITECTURE AND ENGINEERING

Architecture and engineering consultancy

Onshore, nearshore and offshore project support



CONCEPT ILLUSTRATION

TDAC integrates architecture and master planning with geotechnical and structural engineering. Our discipline teams develop coordinated concepts, assess ground risk and pursue practical, optimal designs.

02 / ARCHITECTURE AND PLANNING

Concepts and master plans with engineering input

Full architectural services alongside site and infrastructure coordination.



CONCEPT ILLUSTRATION

Master planning

Site organisation, development layouts and planning concepts coordinated with infrastructure needs.

Concept design

Architectural concepts and options that respond to the client brief, intended use and site.

Architectural services

Design development and coordination with structural, geotechnical and other project disciplines.

Multidisciplinary interfaces

Coordinate layouts, foundation constraints, structures and construction considerations.

Architecture forms part of TDAC's coordinated consultancy offering, with the combined leadership team presented on the following pages.

03 / ENGINEERING CAPABILITIES

Ground, structures and construction

Specialist input on design, review and project interfaces.

Geotechnical engineering

Investigation interpretation, ground models, foundation design, settlement, stability and retaining structures.

Structural engineering

Buildings, bridges, abutments, industrial structures and complex civil works, including construction-stage assessment.

Nearshore and offshore

Jetties, waterfront foundations, offshore geotechnical interpretation and spudcan assessment.

Planning and value engineering

Infrastructure planning, construction sequencing and comparison of feasible designs, quantities and methods.

Client need	Representative outputs
Ground and foundation strategy	Interpretive report, parameters and foundation recommendations.
Structural and marine design	Design basis, calculations, coordinated drawings and specifications.
Review and value engineering	Option comparison, technical review and construction recommendations.

Sectors we support

Roads and bridges, buildings and townships, nearshore and offshore facilities, oil and gas, heavy industry, water and utilities.

04 / LEADING FROM THE FRONT

Leading from the front

Experienced leadership across TDAC's collaborating disciplines.

Name	Role	Experience
Jayakrishnan Menon	Chief Engineer	19 years
Komal H Davra	Environmental Engineer	19 years
Niya Merin Zachariah	Lead Geotechnical Engineer	10 years
Peter Chacko	Structural Lead	17 years
Ar. Anoopa Alex	Chief Architect	18 years
Karthik Raj	Project Management and Compliance	17 years
Gokul G	Chief Software Architect	18 years

Ar. Anoopa Alex is registered with the Council of Architecture, India.

Working as one team

Architectural, structural, geotechnical, environmental and project specialists coordinate around the agreed technical brief and deliverables.

TDAC in India and the United Kingdom

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