



Aslam Basha

Head of Operations

Tata Engineering Consultants Saudi Arabia

EDUCATION

- BE (Mechanical Engineering)

DOMAIN KNOWLEDGE

1. Powerplant Engineering & System Design
2. Thermal, Renewable and Nuclear Power Systems
3. Project Management & Delivery
4. Energy Transition & Advanced Technologies
5. Business & Operations Leadership
6. Innovation & Engineering Excellence

ACHIEVEMENTS

- Some of the contributions through Industry – Academia collaboration towards Green/ ESG are:
 - Integrated design of Solar CSP with sCO₂ cycle
 - Transcritical CO₂ cycle for air-conditioning of confined/ critical areas
- Won Innovators Award in GE
- Holder of 4 Patents in GE
- Six Sigma Green Belt certification

SOCIAL

<https://www.linkedin.com/in/aslam-basha-146227294/>

PERSONAL

Reading topics of worldwide events, economy, technology and general interests.

Aslam Basha is a seasoned engineering leader currently serving as Associate Vice President at Tata Consulting Engineers. With over 35 years of experience across power generation and engineering consulting, he has built a strong track record in system design, project delivery, and leading large, complex programmes across domestic and international markets.

Aslam has deep expertise in the design and engineering of main plant systems and equipment for gas and coal based power plants. Over the years, he has progressed from design engineering roles to leadership positions, gaining extensive exposure across thermal, renewable and nuclear power sectors. His experience reflects a strong ability to manage end to end project lifecycles while ensuring technical excellence and operational efficiency.

Currently, he leads the operations of TCE's subsidiary, TECSA in Saudi Arabia, where he is responsible for driving business performance and strengthening the organisation's presence in the region. He plays a key role in building high performing teams, enhancing technical capabilities, and aligning project delivery with broader business objectives.

Aslam is recognised for his ability to analyse complex engineering challenges and translate them into practical, effective solutions. His strengths include problem analysis, innovation, cross functional collaboration, and strategic thinking. He has consistently worked with multidisciplinary teams and stakeholders to deliver outcomes that create sustained value for clients and the organisation.

Over the course of his career, he has contributed to advancing engineering practices through innovation and knowledge development. His work includes industry academia collaboration initiatives focused on sustainability and ESG, along with contributions to advanced systems such as solar CSP integrated with sCO₂ cycles and transcritical CO₂ applications.

His prior experience includes key roles at GE Power and Mitsubishi Heavy Industries, where he contributed to engineering design, project execution, and process development across global power projects. He joined Tata Consulting Engineers in 2009 and has since held multiple leadership roles within the organisation.

His achievements include innovation awards and multiple patents, reflecting his commitment to engineering excellence and continuous improvement. He is also a certified Six Sigma Green Belt, with a strong focus on quality and process optimisation.