



Atul Choudhari

Chief Technology Officer
Tata Consulting Engineers Limited

EDUCATION

B. E. Chemical Engineering

DOMAIN KNOWLEDGE

1. Process Design & Optimisation
2. Energy Transition Technologies
3. Refining and Petrochemicals Technologies
4. Knowledge Management
5. Value Engineering & Innovation

SOCIAL

www.linkedin.com/in/atul-choudhari-27a5661a

- Member of American Chemical Society.
- Member of American Institute of Chemical Engineers.
- Fellow Engineer & Chartered Engineer at Institute of Engineers India

PERSONAL

In his free time, Atul enjoys reading Marathi literature. He is also a music student plays 'Tabla'

With more than 30 years of experience in engineering, Atul is the Chief Technology Officer at Tata Consulting Engineers, a wholly-owned subsidiary of Tata Sons. Atul is a process engineer with experience in petroleum refining, petrochemical and chemical processes. He is a renowned thought leader in energy transition and a trusted technology advisor in new energy markets including hydrogen, natural gas and low-carbon fuels.

Atul joined TCE in 2017 and currently leads a team of domain experts to create innovative solutions and prepare the organisation for adopting new and futuristic technologies. He is also responsible for knowledge management, developing value addition and innovation culture, academia and other strategic technological partnerships and is actively involved in technology roadmap studies, evaluation and selection.

Before joining TCE, Atul served Aker Solutions for more than two decades and was involved in the engineering of several complex megaprojects. His specialised experience includes basic/detailed engineering of several petroleum refining processes, process flowsheet synthesis and simulations. He has also worked on petrochemical and gas processing technologies. With his vast experience in process engineering, Atul has chaired several HAZOP sessions and actively contributes towards process safety management studies.

Atul has contributed several technical papers addressing various issues related to process design engineering both in national & international journals. He is an active contributor and a thought leader participating in several industry forums, conference and technical panels.

Atul is actively involved with academia by developing curricula and mentoring undergraduate chemical engineers in various colleges. His areas of interest include process simulations, new emerging energy markets, green hydrogen, green chemicals and sustainable industrial energy transition technologies.

As a gold medalist and 1st rank holder in chemical engineering graduation, he is passionate about emerging technologies and has significantly contributed towards creating solutions for 'Energy Transition' related technologies at TCE.