

CORPORATE SOCIAL RESPONSIBILITY

Over the years, Tata Consulting Engineers (TCE) has dedicated itself to enhancing community well-being by strategically reinforcing our core competencies. Our Corporate Social Responsibility (CSR) initiatives, known as TCEndeavour, is meticulously crafted to elevate current living standards and lay the groundwork for resilient communities in the future. These initiatives have not only made a significant impact on the lives of the community members but have also set the stage for a more sustainable and prosperous future. We aim to foster holistic community engagement through precisely targeted interventions, driving lasting changes across diverse facets of life.

TCEndeavour


CSR INITIATIVE OF TATA CONSULTING ENGINEERS LIMITED

TCEndeavour program is categorised into distinct impact areas, each aligned with our overarching policy at TCE: Education, Sustainable Livelihood, Infrastructure Development, and Healthcare. These initiatives encompass a spectrum of interventions, from enhancing STEM education at grassroots levels to bridging the opportunity divide through employability programs. Additionally, we address fundamental community challenges to foster sustainable income streams and elevate living standards. Our commitment also extends to disaster recovery efforts, focusing on restoring educational institutions in affected regions.


Collaboration with external partners and our dedicated workforce is at the heart of our initiatives' effectiveness. Initiatives such as Tata Volunteering Week 19 & 20 and ProEngage 18 & 19 epitomise our collaborative ethos, uniting the collective efforts of our employees as volunteers with those of our partners.

Reflecting on our CSR journey, we remain steadfast in our commitment to driving meaningful change and nurturing resilient communities for generations. We are inspired by our progress and hopeful for the future, knowing that we can continue to make a difference together.



Education 
81,370
 Lives Touched



Health & Hygiene 
36,244
 Lives Touched



Infrastructure Development 
39,660
 Lives Touched



Sustainable Livelihood 
11,080
 Lives Touched

EDUCATION PROJECTS

Vigyaan

Recognising the critical need to address disparities in STEM education, TCE embarked on the Vigyaan initiative in FY 2023-24. This program aims to bolster STEM education in secondary government schools through a collaborative partnership with the Nehru Planetarium. The project spans all Navi Mumbai Municipal Corporation schools and is implemented in a phased manner over consecutive years.



Objectives:

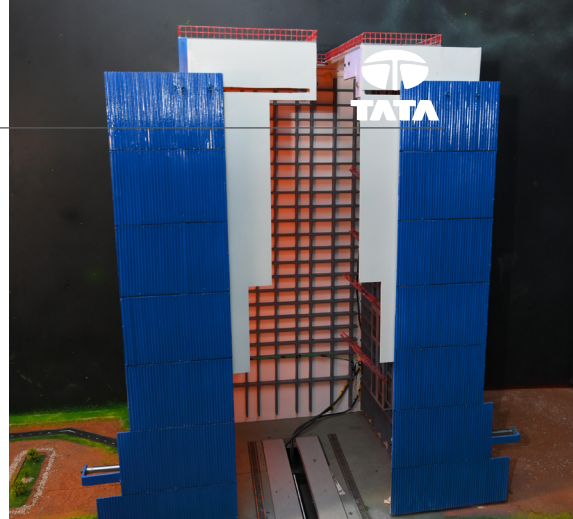
- Inspire interest and encourage exploration of Science, Technology, Engineering, and Mathematics (STEM) disciplines among school students.
- Complement formal science curriculum in schools by providing opportunities for students to engage in STEM learning beyond the classroom.
- Promote Citizen Science through public engagement in scientific research and raise public awareness of Astronomy and India's Space Research.

Approach to Bridge the Gap:

1. School Program: Workshops for students and teachers focused on hands-on learning and interactive teaching methods to bridge the gap and provide equitable opportunities for STEM education.
2. Citizen Science Program: Installation of a fully functional prototype of the Chandrayaan Mission 3 at the Nehru Planetarium, attracting over 7,000 weekly visitors.

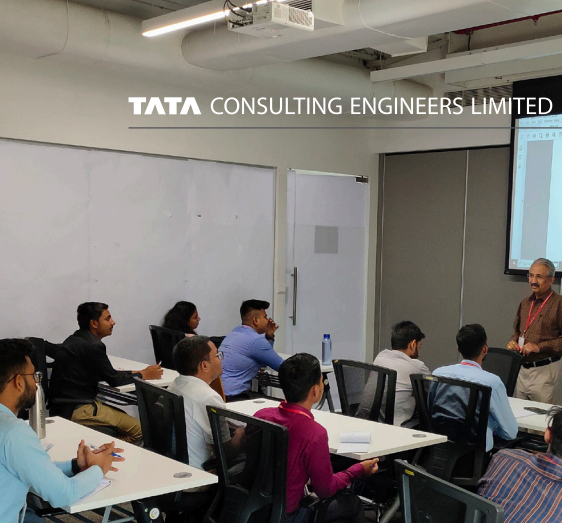
Major Outcomes:

- 600 students and 25 teachers participated in 25 workshops supported by 120 TCE volunteers.
- 100% of schools reported a positive impact on student learning outcomes.
- 96% of students showed improvements in concepts after the workshop.
- 48% of participating students were girls, with 66% from marginalised backgrounds.
- 25 teachers trained, indirectly impacting 3,500 students.



Vigyaan





Utkarsh



Utkarsh

Utkarsh aims to address the skill gap among diploma engineering students, ensuring their readiness for employment aligns with industry demands. The program enhances technical skills and employability through collaboration with academia and industry experts.



Phased Approach:

1. **Expectation Gathering Survey:** Involving 50 industry experts and 5000 students.
2. **Curriculum Gap Analysis:** Conducted by a cross-functional team of subject matter specialists.
3. **Content Creation and Validation:** Collaboration with TCE, technical partners, and MSBTE.
4. **Training:** Hands-on training sessions for faculty members.

Social Impact:

- 162 marginalised youth trained, with 98% securing full-time employment.
- 73 faculty members trained, indirectly benefiting 15,000 students.

TCEndeavour program is categorised into distinct impact areas, each aligned with our overarching policy at TCE: Education, Sustainable Livelihood, Infrastructure Development, and Healthcare.

INFRASTRUCTURE PROJECTS

In partnership with other Tata Group companies, TCE reconstructed seven government school buildings in Odisha and Hyderabad, providing site supervision and design engineering support services.

1,760
Students

Major Outcomes:

- Two schools in Odisha and one in Hyderabad were handed over to the Education Department, benefiting 1,760 students.



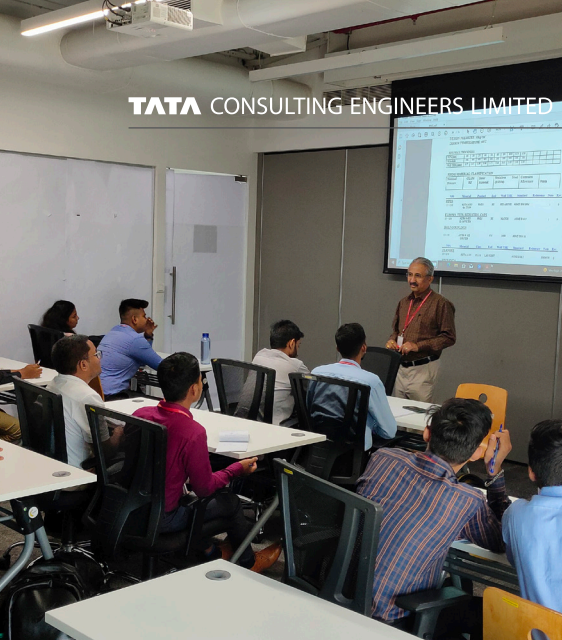
RESEARCH AND DEVELOPMENT

Through CSR funding, TCE supports basic research in sustainable technologies, aligning with UN Sustainable Development Goals.

Key Projects:

- **IIT Bombay:** CO₂ to syngas conversion, green hydrogen production, eco-efficient concrete.
- **Indian Institute of Science, Bangalore:** Research of renewable energy and green chemicals.
- **National Chemical Laboratory, Pune:** Artificial photosynthesis for methanol production.
- **National Institute of Advanced Studies, Bangalore:** GIS technologies for small modular reactors.





VOLUNTEERING INITIATIVES

TCE's participation in Tata Sustainability Group initiatives highlights our commitment to sustainability. Our volunteers contributed a total of 17,443 hours through various programs.



Major Programs:

- **Tata Volunteering Week 20 and 21:** 4,239 volunteers reached 51,672 beneficiaries 17,443 Hours.
- **Tata ProEngage:** Long-term projects like proposal writing, mentoring, and literacy programs. 78 volunteers and 2604 volunteering hours

AWARDS AND RECOGNITION

- TCE won three prestigious awards within the Tata Group for active volunteering.
- TCE received the HR Excellence in CSR award at the CHRO Vision & Innovation Summit in 2023.

TATA VOLUNTEERING WEEK 20 & 21

