



TATA CONSULTING ENGINEERS LIMITED

CSR Annual Action Plan FY 23-24

Sr. No.	Name of the Project	Item from the list of activities in Schedule VII	Location of the Project	Mode of implementation	Project description
1	Vigyaan – Promoting STEM Education and Astrofest	(ii)	Mumbai & Pune, Maharashtra Bengaluru, Karnataka Noida, Uttar Pradesh Surat, Gujarat, Jamshedpur, Jharkhand, Kolkata, West Bengal	Through Indian Institute of Science Education and Research (IISER) and Astrofest	STEM education kits to 94 schools and chemistry kits to 168 schools who has lack of resources. Astrofest: TCE to create Science gallery to provide opportunities for students to engage in STEM beyond the classroom in Nehru Planetarium campus. Promote Citizen Science- general public engagement in scientific research, raise the general public awareness in the field of Astronomy & India Space Research.
2	Utkarsh – Promoting Skill Development	(ii)	Mumbai & Pune, Maharashtra Bokaro & Dhanbad, Jharkhand, Vaishali, Bihar, Hanumangarh, Rajasthan, Sambalpur, Odisha	Through Tata Strive, Suvidya Institute of Technology and MSBTE	Enhance practical skills of Diploma students in core engineering disciplines. Orientation on soft skill to trainees to gain employment opportunities. TCE to bridge gap of quality talent demand & supply in collaboration Accademia to design & deliver industry specific training courses.
3	Disaster Management Programs	(xii)	Puri, Odisha and Hyderabad, Telangana	Through Tata Community Initiatives Trust (TCIT) & Tata Consultancy Services Foundation (TCSF)	Project Title1: Fani Cyclone Response Programme. Project Objective: TCE to support TSG & TCIT in the design and PMC services for construction of 4 government schools affected due to natural calamity of cyclone Fani in the district of Puri, Odisha as part of Fani Cyclone Response Programme from Tata Community Initiatives Trust (TCIT).



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					Project Title2: Hyderabad Flood Response Program. Project Objective: TCE to support TSG & TCSF in the design and construction supervision for reconstruction of dilapidated buildings of 3 government schools in Hyderabad damaged due to the heavy rains.
4	Research & Development Project with IISc	(ix) (b)	Bangalore, Karnataka	Through Indian Institute of Science (IISc) & Society for Innovation and Development	Project 1 - Super Critical CO ₂ and Energy Storage: Alternatives to battery-based storage using a combination of heat and pressure. Project 2 - Renewable Energy: Non-linear Stability Analysis based Dynamic PQ Capability Estimation for PV plant
5	Research & Development Project with IIT-B	(ix) (b)	Mumbai, Maharashtra	Through Indian Institute of Technology (IIT), Bombay	Project 1 - Circularity: Continue - Prototype and POC for 3D printed structure using 100% recycled waste material. Project 2 - Green Hydrogen: Prototype development for high-efficiency Electrolyser for hydrogen generation through water electrolysis using wastewater and inexpensive, locally available, non-Nobel metal catalyst. Project 3 - Sustainable Pathways for making useful products and fuels from captured CO ₂
6	Research & Development Project with NCL	(ix) (b)	Pune, Maharashtra	Through National Chemical Laboratory, Pune	Green Chemicals: Study Photoelectrochemical water splitting for hydrogen and Methanol generation



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Manner of CSR Projects' Execution:

The project would largely be executed per the approval of the CSR committee and MCA guidelines. However, each project is unique and will be executed as per its timelines, outcomes and framework agreed by both parties (TCE and implementing partners) in the memorandum of understanding.

Monitoring and reporting mechanism of the projects:

The above projects will be monitored and reported based on:

1. We will conduct stringent Bi-annual reviews
2. Dipstick studies with project beneficiary
3. Frequent field visits and interaction with beneficiaries
4. A formal assessment by Tata Sustainability Group (to be conducted every 3 years as sustainability projects cannot be measured for effectiveness in very short term)