



TATA CONSULTING ENGINEERS LIMITED

CSR Annual Action Plan FY 24-25

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 & inclusive Education	(ii)	Mumbai	Through Nehru Planetarium and Navi Mumbai Municipal Corporation	<p>STEM Workshop to be conducted at Nehru Planetarium to increase scientific temperament amongst govt school children through hands-on activities. Focused training for teachers in pedagogy and use of new learning material. Workshops will help teachers to deliver science concept more meaningfully in a participative and hands-on way. Set up mini science centers equipped with Science Kit.</p> <p>Work at the district and state levels to build an ecosystem of inclusion for Children with Disability (CwD). Ensure comprehensive education for the overall development of a child.</p>
2	Utkarsh – Skill Development	(ii)	Mumbai & Pune, Maharashtra Jamshedpur, Jharkhand	Through MSBTE, Suvidya Institute of Technology and	<p>Promoting skill development and creating a future-ready talent pool in collaboration with academia i.e MSBTE, to make it a sustainable solution. The objective of the program is to bridge the skill gap (futuristic and technological) for diploma engineering students from marginalised background to make them employable as per industry needs by giving them direct training as well as building a pool of Faculty members to implement it in the curriculum in a sustainable way. Providing skill development opportunity to youth with disability from the underprivileged sections of society by aiming to create an inclusive society and providing them with equal opportunities and dignity</p>



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3	Research & Development Project with IIT-B	(ix) (b)	Mumbai, Maharashtra	Through Indian Institute of Technology (IIT), Bombay	Project 1 - 3D printing of housing using construction waste Project 2 - Sustainability assessment of e-fuels Project 3 - Module sequencing and logistics for sustainable 3D printing of concrete structures (with BIM) Project 4- High-rate electrochemical CO2 conversion to Methanol Project 5 - Sea water electrolysis for green hydrogen Project 6- Designing a sustainable low energy consuming and modular CO2 capture and utilisation
4	Research & Development Project with IISc-FSID	(ix) (b)	Bangalore, Karnataka	Through Indian Institute of Science (IISc) & Foundation for Science Innovation and development	Project 1 - Lab support and development of novel CO2 based energy-based applications for data centers. Project 2 - Analysis of thermophysical and transport properties of gaseous mixtures for catalytic synthesis of alcoholic and non-alcoholic higher Hydrocarbons - Experimental and numerical investigation
5	Research & Development Project with NCL	(ix) (b)	Pune, Maharashtra	Through National Chemical Laboratory, Pune	Artificial Photosynthesis of C1- Oxygenates with predominant Methanol: Prototype and scale up.



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6	Research & Development Project with NIAS	(ix) (b)	Bangalore, Karnataka	Through National Institute of Advanced Studies (NIAS), Bangalore	GIS studies for installing indigenous Small Modular Reactors to create a Low Carbon Development pathway for India to reach Net Zero by 2070.
7	Disaster Management Programs	(xii)	Puri, Odisha and Hyderabad, Telangana	Through Tata Community Initiatives Trust (TCIT) & Tata Consultancy Services Foundation (TCSF)	<p>Project Title1: Fani Cyclone Response Programme.</p> <p>Project Objective: TCE to support TSG & TCIT in the design and PMC services for construction of 2 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).</p> <p>Project Title2: Hyderabad Flood Response Program.</p> <p>Project Objective: TCE to support TSG & TCSF in the design and construction supervision for reconstruction of dilapidated buildings of 2 government schools in Hyderabad damaged due to the heavy rains.</p>
8	Rejuvenation of Mathura Kund	(iv)	Mathura, Uttar Pradesh	Through Arinem	<p>Project Title: Rejuvenation of Mathura Kund</p> <p>Project Objective: The main objective of the project is to improve and sustain the kund water quality to a very high level thereby ensuring environmental sustainability, ecological balance, protection of flora and fauna and conservation of natural resources</p>



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9	Tata Engage	(ii)	Maharashtra Gujarat Uttar Pradesh Karnataka West Bengal Jharkhand Orissa	Direct	Under this project various volunteering activities are conducted under themes of Education, Health and hygiene, Environment, and Livelihood.

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)