



ONGC TERI Biotech Limited www.otbl.co.in

ONGC TERI Biotech Limited

An ISO 9001:2015, 14001:2015, 45001:2018 Certified Company

Bioremediation of TPH contaminated soil

About OTBL

ONGC TERI Biotech limited ("OTBL") is a Public Limited company domiciled and incorporated in India having its registered office at DS block, IHC, Lodhi Road, New Delhi-110003. The company is engaged in provision of Biotechnological Solutions to Oil and Gas industry. OTBL today is providing large-scale bioremediation solutions, by application of 'OILZAPPER' for cleaning up oil spills, undertaking Microbial Enhanced Oil Recovery (MEOR) and WDP/PDB jobs for the prevention of paraffin deposition in oil well tubing and surface flow lines, to oil companies in India and abroad, especially in the Middle East Countries.

Vision

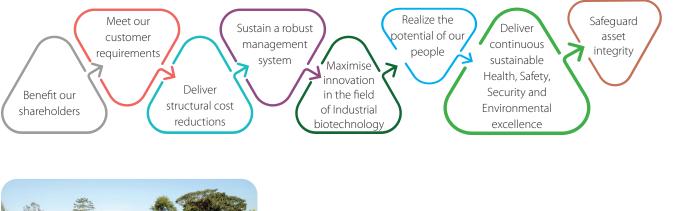
To be the premier company providing biotechnological solutions by harnessing the capability of microbes for the production of energy and controlling environment pollution and to create value and make a difference.

Mission

Attain the highest standards of business ethics and organizational values. To rapidly stride ahead with discoveries and innovations in the field of biotechnology.

Objective of OTBL

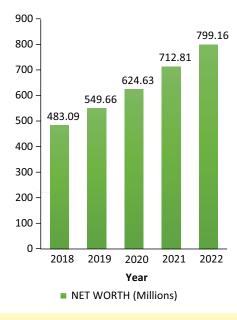
We are committed to deliver sustainable excellence in business performance by focusing on the following:

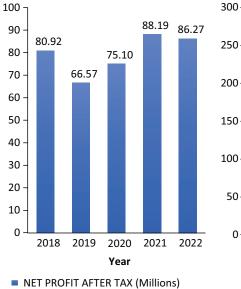


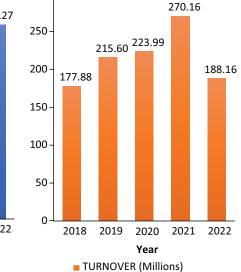


After restoration of oil spill sites in farmer's field, Assam

OTBL's Performance and Highlights in Last Five Years (Amount in INR Millions)









Before restoration of oil spill sites in farmer's field, Gujarat



After restoration of oil spill sites in farmer's field, Gujarat

OUR SERVICES

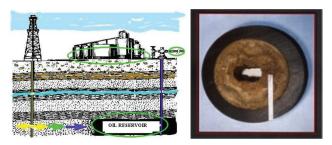
Microbial Enhanced Oil Recovery (MEOR)

Indian Patent No.197554 and US Patent no. 748456 MEOR technology has been applied in 107 wells



Prevention of Paraffin Deposition in oil well

Patent no. CBR 1955, 1437/DEL/2007



PDB technology has been applied in 317 oil wells of ONGC and Oil India



Wax deposition prevention (WDP)

WDP technology has been successfully implemented in 160.25 kms in different installations of ONGC and Oil India Ltd



Benefits of WDP

Prevention of paraffin deposition in flow lines Prevention of frequent HOC and flushing Decrease line pressure and increase flow efficiency Flow assurance from 90 days to 365 days Low cost operation

Restoration and Bioremediation of Oil Spils/Oil contaminated land (*In-Situ*)

Application of oilzapper



Application of Oilzapper for bioremediation on total petroleum hydrocarbon contaminated soil



Before restoration and bioremediation of oily sludge pit in oil field (western part of India)



After restoration and bioremediation of oily sludge pit in oil field (western part of India)

Restoration and Bioremediation of oil spill site in farmers' land (*Ex-situ*)



Before Clean up

After Clean up

Restoration and Bioremediation of total petroleum hydrocarbon contaminated land in oil field (Ex-Situ)



Before restoration of oil spill land

After restoration of oil spill land

CSR initiative of OTBL





Protectors of Environment Phase I An OTBL initiative towards safeguard environment



Biodigester toilet for improved sanitation facilities in schools in Nazira Block, Sivasagar district, Assam

2018-20

Protectors of Environment Phase II & III Shared Action to Combat Climate Change 2018-19 Awareness to Skill

Development

2019-20



Developing Green Cover (Plantation) for environmental Sustainability in rural Schools in Ahmedabad, Gujarat Greening in Schools for clean air (Phase-I)



Developing Green Cover (Plantation) for environmental Sustainability in rural Schools of Ahmedabad region, Gujarat Greening in Schools for clean air (Phase-II)



Construction of an Anicut/Checkdam in Katli River, Rajasthan for the socio-economic development and groundwater recharge

Last Five-Year Project

2017-18

ONGC Nazira

Bioremediation of TPH Contaminated Soil

Reliance Nagothan

Bioremediation of TPH Contaminated Soil

HPCL Mumbai Refinery

Bioremediation of TPH Contaminated Soil

ONGC Nazira

Line Leakage-**Bioremediation of** Crude oil flow at Radhika Nagar

ONGC Mehsana

Line Lekage-**Bioremediation of** Crude oil flow at Pirana, Gujarat

HPCL-Visakhapatnam

2018-19

Bioremediation of TPH Contaminated Soil

ONGC Ahmedabad

Cleaning & Line Leakage of TPH **Contaminated Soil**

ONGC Nazira

Cleaning/Lifting/ Excavation/ Transportation/ Refilling and **Bioremediation of TPH Contaminated Soil**

ONGC Jorhat

Bioremediation of TPH Contaminated Soil

ONGC Mehsana

Cleaning, **Bioremediation of TPH Contaminated Soil**

2019-2020

ONGC Jorhat Cleaning/Lifting/

Excavation/ Transportation/ Refilling and **Bioremediation of TPH** Contaminated Soil

Bharat Oman Refineries Limited

Bioremediation of TPH Contaminated Soil

Bioremediation of Soil

2020-2021

ETP -Sibasagar, Ongc Nazira,

Assam Construction of pit/Excavation/ Lifting/

ONGC Nazira

2021-2022

Bioremediation of TPH Contaminated Soil

ONGC Mehsana

Cleaning, **Restoration & Bioremediation of TPH** Contaminated Soil

ONGC Nazira

In-Situ **Bioremediation of TPH** Contaminated Soil

ONGC Nazira

In-Situ **Bioremediation of TPH** Contaminated Soil

ONGC Jorhat

In-Situ **Bioremediation of TPH** Contaminated Soil

2022-23

ONGC Jorhat

In-Situ **Bioremediation of TPH** Contaminated Soil

ONGC Nazira

In-Situ **Bioremediation of TPH** Contaminated Soil

ONGC Ankleshwar

Bioremediation of TPH Contaminated Soil

ONGC Ahmedabad

Land Restoration through bioremediation process

ONGC Nazira

Land Restoration through bioremediation process

ONGC Mehsana

Land Restoration through bioremediation process

Soil

Assam

TPH Contaminated

Transportation of TPH contaminated

ONGC Nazira.

Bioremediation of TPH Contaminated

ONGC Jorhat,

soil

Assam



Before bioremediation of oil spill site in oil field (western India)



After bioremediation of oil spill site in oil field (western India)



MEOR Job in oil well of Georgia, USA

Inauguration of OTBL Laboratory, Mehsana, Gujarat



Application of oilzapper for Bioremediation of TPH contaminated land in oil field (western India)

ONGC Teri Biotech Limited Offices & Laboratories

Ahmedabad Office

C-18, Western Sector ONGC, Near IRS, Chandkheda – 382 424 Ahmedabad Email:otbl.amd@gmail.com

Kalol Office

4th Floor, Tirupati empire enterprise highway, Kalol, district of Gandhinagar, Gujarat- 382721 Email:otbl.kll@gmail.com

REGISTERED OFFICE

D S Block, IHC Complex, Lodhi Road, New Delhi – 110003

MehsanaOffice

ONGC TERI BIOTECH LTD. Quater No.: B-86 ONGC Nagar, Palavasana Mehsana, Gujarat- 384003 Email:otbl.meh@gmail.com

Laboratory North Santhal

In-situ Phase 1 Near Santhal Main ONGC Mehsana Asset Gram – Jotana District Mehsana Gujarat

Contact us OTBL HR

Email

humanresource.otbl@gmail.com

Website www.otbl.co.in

Tel: + 91 11 2468 2300

Nazira, Assam Office

B-12,OTBL Kafei Apartment Amulapatty Nazira-785685 Sibsagar(Assam) Email:otbl.nazira@gmail.com