



# TEZPUR UNIVERSITY

## ONGC-CENTRE FOR PETROLIUM BIOTECHNOLOGY

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### About The Centre

The ONGC-Center for Petroleum Biotechnology (ONGC-CPBT) at the Department of Molecular Biology and Biotechnology (MBBT) was established in 1999 with financial support from the Oil and Natural Gas Co-operation by entering into a MOU. Finally, on 30<sup>th</sup> April, 2010 shaped into a permanent Centre. Since then the Centre has taken up a number of research projects. The goal of the centre is to conduct research in the field of petroleum biotechnology and develop skilled human resource.

### Thrust area of the centre

1. Conduct research in the field of petroleum biotechnology.
2. Impart training in petroleum biotechnology related aspects.
3. Encourage and nurture industry-academy interaction.
4. Undertake such academic, manpower development, training and research programmes as may be necessary to achieve the above objectives.
5. Transfer of technology to ONGCL.

Since inception, the Centre has taken up a number of research projects in view of implementing the above objectives.

### Financial Status

ONGC Ltd, Provided the corpus fund of Rs. 1,34,63,055.00 (One Crore thirty four lakh sixty three thousand and fifty five rupees only) and the interest generated from the corpus fund and some contribution from Tezpur University is used for running the centre.

### Ongoing major projects of the centre

The centre has been imparting training in terms of guiding PG students and scholars in pursuing research in Molecular Biology and Biotechnology. The centre also provides the infrastructural requirement to the students, faculty as well.

The major projects funded are

1. Development of phytoremediation protocol for bioremediation of crude oil contamination, Total funding: Rs. 19.17 Lakh (2015 -2019).
2. 'Formulation of a MEOR slug for Enhanced Oil Recovery of Upper Assam Basin (MEOR) (2018-2021)
3. "Bioremediation and reclamation of petroleum oil hydrocarbon contaminated soil / water by microaerophilic / anaerobic bacterial consortium Total funding Rs. 11.34. Lakh ( 2020- 2022)

### **Organizing Seminar:**

National Seminar on Petroleum Biotechnology and Bioenergy was organized 3 rd and 4th March, 2017. by ONGC-CPBT.

### **Training of ONGC Ltd Staffs:**

1. Times to time ONGC staffs are given training on various Petroleum Biotechnology related techniques in the year 2017, 2018 and 2019).



Fig: Training ONGC Ltd, India manpower in the ONGC-Centre For Petroleum Biotechnology.



(Manabendra Mandal)

Head ONGC-CPBT