

## PREAMBLE

Water has become extremely valuable commodity in human life. Environmental aspects are highly affecting its quality and quantity. Adequate water management through purification and treatment, reduce, reuse and recycle (R<sup>3</sup>) is very much necessary for Industry and Civic Administration and require technically competent man- power at all levels. Zero Liquid Discharge (ZLD) has become a key word in Sustainable Development. Effective Water Management has become extremely crucial in our path towards

- 'Swachh Bharat Mission'
- Providing Clean Drinking Water to all by 2024
- Making human life survivable.

Proposed programme will focus on the interdisciplinary integrated approach towards optimum utilization and processing of water resources and various technologies involved in it. It will give overview to the participants of various nuances involved in major challenge that globe is facing today, going to be severe in future and integrated approach towards its solution. Approach will be developed towards human resource development in the segment using various disciplines.

## ABOUT DBATU

Dr. Babasaheb Ambedkar Technological University is one and only one of its kinds in the State. The University is located at Lonere, District Raigad in Maharashtra. It is Autonomous in nature and Unitary in its character. It was established in 1989 by the Government of Maharashtra. Although relatively young, the University is making its mark in the field of research and technological services through its dedicated faculty and competent students. At present, University conducts six M.Tech. and eight B.Tech. programmes in various disciplines of Engineering and Technology. The University also offers Ph.D. in various disciplines of Engineering and Technology. The University has been accorded the status of an 'Affiliating' University' of the entire State of Maharashtra from March 2, 2016, by the Maharashtra Act No. XXIX of 2014.

The University has a conducted Institute of its own, 'Institute of Petrochemical Engineering', running Diploma Courses in eight streams of Engineering and Technology. The University extends its services to the society through a governmental scheme of "Community Polytechnic".

## COURSE CONTENTS

### 5 – Day STTP will focus on following Points

- Need of Water Processing and Management
- Eco System and Water Cycle
- Environmental Pollution and Regulations
- Water Quality Parameters
- Effluent Characteristics and Standards
- Zero Liquid Discharge
- Water Conservation and Harvesting
- Multi-disciplinary Approach
- Industrial Visit
- Internet of Things
- Artificial Intelligence
- Human Resource Development

## RESOURCE PERSONS

Experienced Resource Persons from Industry, Research Organizations and DBATU, Lonere.

## SCHEDULE

### Tuesday, 15 October 2019

09:30- 10:00 hr Registration  
10:00 -13:00 hr Inauguration and Key-note  
13:00 -14:00hr Break  
14:00- 17:00 hr Session – I &II

### Wednesday, 16 October 2019

10:00 - 13:00 hr Session – III &IV  
13:00 -14:00hr Break  
14:00 -17:00 hr Session – V & VI

### Thursday, 17 October 2019

10:00 - 13:00 hr Session – VII & VIII  
13:00 - 14:00 hr Break  
14:00 - 17:00 hr Session – IX & X

### Friday, 18 October 2019

10:00 - 13:00 hr Session – XI & XII  
13:00 - 14:00 hr Break  
14:00 - 17:00 hr Industrial Visit

### Saturday, 19 October 2019

10:00 - 13:00 hr Session – XIII & XIV  
13:00 - 14:00 hr Break  
14:00 - 15:00 hr Valediction

**Dr. BABASAHEB AMBEDKAR  
TECHNOLOGICAL UNIVERSITY, LONERE –  
402 103  
(Maharashtra, India)**

**Under TEQIP-III Scheme  
Department of Petrochemical  
Engineering**

**5-Day Short Term Training Programme  
on  
Integrated Approach towards Water  
Processing and Management**

**15 – 19 October 2019**

**REGISTRATION FORM**

1. **Name:** \_\_\_\_\_

2. **Organization:** \_\_\_\_\_  
\_\_\_\_\_

3. **Designation:** \_\_\_\_\_

4. **Contact Address:** \_\_\_\_\_  
\_\_\_\_\_

5. **Phone:**

Off: \_\_\_\_\_ Res: \_\_\_\_\_

Mobile: \_\_\_\_\_ Fax: \_\_\_\_\_

E – Mail: \_\_\_\_\_

**Signature of Sponsoring  
Authority**

**Signature of Candidate**

## **PATRON**

**Hon. Dr. Vedala Rama Sastry**

Vice Chancellor, Dr. Babasaheb Ambedkar  
Technological University, Lonere, Raigad (MH).

## **ADVISORY COMMITTEE**

**Dr. S. B. Deosarkar**, IPD TEQIP III

**Dr. S. L. Nalbalwar**, TEQIP III Coordinator

**Dr. A. W. Kiwelekar**, Academic Nodal Officer

**Dr. S. G. Bhutada**, Finance Nodal Officer

## **ORGANIZING COMMITTEE**

### **Chairman**

**Prof. Vasant P. Jawanjali**

Head,  
Department of Petrochemical Engineering  
DBATU, Lonere

### **Coordinator**

**Prof. Sangeeta S. Metkar**

Department of Petrochemical Engineering  
DBATU, Lonere

### **Committee Members**

Dr. Sonali V. Choudhary

Prof. Pradip S. Nande

Prof. Abhishek K. Saxena

Prof. Lubna U. Raut

Prof. Prajakta S. Pore

Prof. Sheraj Sayyad

## **WHO CAN PARTICIPATE?**

Faculties and Post Graduate/ Doctoral Students from all Disciplines of Professional Educational Institutes such as Engineering, Pharmacy, Architecture, Management and Sciences from DBATU and Colleges affiliated to DBATU.

## **REGISTRATION FEE**

No Registration Fee for Faculty and Students from DBATU and Colleges affiliated to DBATU.

Maximum Number of Participants shall be 50.  
No TA & DA shall be paid to the participants.

## **ACCOMMODATION**

Accommodation in Hostel/ Guest house will be provided for limited participants. For others, assistance will be given for getting accommodation, which will be chargeable.

## **FOR REGISTRATION CONTACT**

Prof. Pradeep Nande  
(M) 8378039065  
Email: pradipnande2@gmail.com

Prof. Abhishek Saxena  
(M) 7588766010/ 7021709825  
Email: saxsenaabhishek01@gmail.com

## **ADDRESS FOR CORRESPONDENCE**

Prof. S. S. Metkar,  
Coordinator  
Department of Petrochemical Engineering  
Dr. B. A. Technological University  
Lonere – 402103, Dist.: Raigad, Maharashtra  
E-mail: sangeeta.metkar16@gmail.com  
For more details, visit: [www.dbatu.ac.in](http://www.dbatu.ac.in)

**Dr. BABASAHEB AMBEDKAR  
TECHNOLOGICAL UNIVERSITY  
LONERE – 402 103  
(Maharashtra, India)**

**Under TEQIP-III Scheme**

**TEQIP-3**

Technical Education Quality Improvement Programme

**Department of Petrochemical  
Engineering  
Organizes**

**5-Day Short Term Training  
Programme**

**on**

**Integrated Approach towards Water  
Processing and Management**

**15 – 19 October 2019**



**Vidyavihar, Lonere  
[www.dbatu.ac.in](http://www.dbatu.ac.in)**