

ACCOMMODATION, FOOD ETC:

As we keep registration fee nominal, we will not provide lunch, dinner or accommodation. We will provide tea during tea breaks on each day.

N.B.: The student participants may be provided with hostel accommodation, depending on the availability on payment basis. Charges for room (on sharing basis) including food are Rs. 300 to 350/- per day approximately (and subject to change from time to time). Request for hostel accommodation may be submitted through the link:

<http://hosteldine.iitm.ac.in/iitmhostel>

(submit only after your confirmation of selection for the course)

FOR ANY SPECIFIC QUERY, CONTACT:

Mr. Madhan Kumar / Mr. Pawan Gupta

Email: oe15d027@smail.iitm.ac.in

CC: pawanpetro.ism@gmail.com

Mobile: 096 265 87644,

09690352245

REGISTRATION

The registration fees are:

- Student: INR 2500/-
- Faculty: INR 5000/-
- Industry/others: INR 8000/-

This fee shall be paid through internet banking to the following account:

Acc. Name : CCE IIT MADRAS

Acc. Number : 36401111110 (SBI, IIT Madras)

IFSC Code : SBIN0001055

Please send an email with the bank transfer details and the scanned copy of registration form to: stc.doe@gmail.com. Last date of receiving the emailed scanned copy : **December 20, 2017**.

The registration fee is non-refundable.

SELECTION

First come first serve basis. maximum 30 seats are available. The persons having background of Petroleum Engineering, Mechanical Engineering and Chemical Engineering can register the course.

BENEFIT OF ATTENDING THE COURSE

- Training by well experienced faculty members from reputed institutes
- Study material
- Networking with professionals and student community



A SHORT TERM COURSE

ON

ADVANCES IN OIL AND GAS PRODUCTION ENGINEERING

January 29 – February 03, 2018



Coordinators

Dr. Abdus Samad

Dr. Jitendra Sangwai

Organized by

Department of Ocean Engineering
Indian Institute of Technology Madras
Chennai 600 036

THE DEPARTMENT OF OCEAN ENGINEERING OF IIT MADRAS AND THE PETROLEUM ENGINEERING PROGRAM

Set in verdant wooded surroundings, the campus of IITM offers an ideal environment for the most stimulating research activities. The department of Ocean Engineering started in 1980s and the Petroleum Engineering program was started in 2009. From the beginning the program is doing extremely well in the upstream sector. The well qualified faculty members teaching different aspects of oil production systems.

COURSE OBJECTIVES

The objective of this course is to introduce the oil and gas production systems and their advanced mechanism practiced in the industry. Through this course the participants will get complete overview of the systems.

COURSE OUTLINE

The outline for the five-day course is:

- Artificial Lift Methods.
- Natural Gas Production Engineering.
- Surface Production Operations.
- Enhanced Oil Recovery.
- Multiphase flows in oil and gas.

The course will include lab visits also.

VENUE FOR CLASSES

Classes will be held at the Department of Ocean Engineering, IIT Madras, Chennai.

RESOURCE FACULTY



Dr. **Jitendra Sangwai** is currently working as an Associate Professor in the Petroleum Engineering Program, Department of Ocean Engineering at IIT Madras. He obtained M. Tech. and Ph. D. in Chemical Engineering from IIT Kharagpur and IIT Kanpur, respectively. He worked with Schlumberger dealing with flow assurance issues and on several commercial projects. He is having more than 13 years of professional experience as on 2017. He has published more than 120 peer-reviewed publications in various international journals and conferences. His research interest lies mainly in the field of gas hydrates, enhanced oil recovery, rheology of drilling fluids, flow assurance and polymer and nanotechnology applications for upstream Oil and Gas Engineering.



Dr **Abdus Samad** is an associate professor at the Department of Ocean Engineering, IIT Madras. He Worked at Zilift Ltd, UK. To develop artificial lifts, and presently he is teaching Oil and Gas Production Engineering subjects. His main focus in research is artificial lift design and selection along with other areas such as renew-

able energy. He has 9 years teaching and research experience in Oil and Gas production operations.



Dr Niket Kaisare: Dr. Niket Kaisare is an associate professor in Chemical Engineering at IIT-Madras. His research interest is in design and control of systems for energy applications. He has several years of experience in the industry, working in control and optimization of artificial lift processes in unconventional gas fields.

Some other experts from other IIT/Oil industries will also be the instructors.

REGISTRATION FORM

Name:

Designation:

Department:

Organization:

Educational Qualification:

Experience:

Mailing Address:

Email:

Mobile:

Date:

Signature of applicant