



**Sponsored By**

**TEQIP III  
Jadavpur University,  
Kolkata – 700032**

# **Workshop on Boiling**

**September 7-8, 2018**

**Mechanical Engineering Department**

**Jadavpur University**

**188, Raja S.C. Mallick Road**

**Kolkata-700032**

## **Introduction to the Course**

Many engineering problems involve flow boiling processes, the fluid and vapor flow regimes in connection with the conjugate heat and mass transfer problems, thermo-physical behavior on boiling which are essential to all closed-loop power and refrigeration cycles. To disseminate and discuss fundamental and applied research on boiling heat transfer, this course introduces the participants to the theory and applications. The aim of the workshop is to enhance the understanding of the existing science and technology of boiling heat transfer.

## **Topics**

The deliberations include the following areas

- ✓ ***Recapitulating Convection***
- ✓ ***Boiling Fundamentals***
- ✓ ***Modelling Multiphase Flow with Applications***
- ✓ ***Experimental and Simulation Techniques on Boiling***
- ✓ ***Industrial Applications***
- ✓ ***Transport Augmentation***
- ✓ ***Case Studies***

## Resource persons

The tentative list of the speakers is as provided below

<b>Prof. Prasanta K. Das</b>	<b>Department of Mechanical Engineering IIT Kharagpur</b>
<b>Prof. Pradyumna Ghosh</b>	<b>Department of Mechanical Engineering IIT BHU, Varanasi</b>
<b>Prof. Koushik Ghosh</b>	<b>Department of Mechanical Engineering Jadavpur University</b>
<b>Prof. Achintya Mukhopadhyay</b>	<b>Department of Mechanical Engineering Jadavpur University</b>
<b>Prof. Himadri Chattopadhyay</b>	<b>Department of Mechanical Engineering Jadavpur University</b>

## Participants

**Maximum Number of Participants**

**25\***

**[\* including 5 from mentee, (RTU, TIT) institutions]**

**Eligibility**

**Faculty Members, Research Scholars and Post Graduate Students of Relevant Discipline**

**Registration Fee**

**No Registration Fee.**

## Coordinator

Dr. Himadri Chattopadhyay

Dept. of Mechanical Engg.

Jadavpur University Kolkata - 700 032

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Email: chimadri@gmail.com

**REGISTRATION FORM**



**Workshop on Boiling**

September 7-8, 2018

A TEQIP III program

Jadavpur University, Kolkata - 700032

Name of the Applicant: Prof./Dr./Mr./Ms. (In Capital)

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Designation .....

Affiliation .....

Postal Address for Correspondence: .....

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E-mail id. ....

Phone No. (Off.) ..... Fax .....

(Mobile).....

Place: .....

Date: ..... Participant's Signature

**To be forwarded by HOD/ Supervisor for Students and faculties**

Date: ..... Signature and Seal of Adviser/ HOD