

REGISTRATION

Email the scanned copy of following filled registration form along with DD to **mmcomflu2020@gmail.com**

REGISTRATION FORM (24 April 2020 to 28 April 2020)

Name: Mr./Ms./Dr.....
(in capital letters)

Designation:

Department:.....

Organization:.....

Address:.....

Tel/Fax:.....

Email ID:.....

Field of specialization:.....

Experience (in years):.....

Accommodation: Required/ not required: Yes/No

Signature and Date:.....

RECOMMENDATION OF THE SPONSORING AUTHORITY:

The applicant is hereby sponsored and will be permitted to attend the Short Term Course, if selected.

Date:.....

Signature and Seal of the
Sponsoring authority

ORGANIZING COMMITTEE

Chief-PATRON

Professor (Dr) Lalit Kumar Awasthi,

Director,
Dr B R Ambedkar National Institute of Technology,
Jalandhar

CONVENER

Dr Sangeeta Garg

HOD, Associate Professor,
Department of Chemical Engineering
Dr B R Ambedkar National Institute of Technology, Jalandhar

COURSE COORDINATOR

Dr. M K Jha, (Professor)

Department of Chemical Engineering,
Dr B R Ambedkar National Institute of Technology, Jalandhar
E-mail: jhamk@nitj.ac.in

Dr. A K Tiwari, (Assistant Professor)

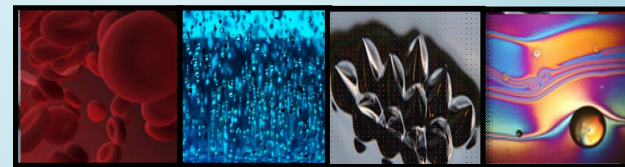
Department of Chemical Engineering,
Dr B R Ambedkar National Institute of Technology, Jalandhar
Mobile: +91-9956356951,
E-mail: tiwaria@nitj.ac.in

ADVISORY COMMITTEE

- | | |
|---------------------|-------------------------|
| • Dr A Mukhopadhyay | • Dr Raj Kumar Arya |
| • Dr S K Mishra | • Dr Neetu Divya |
| • Dr Ajay Bansal | • Dr Amit Dhruv Saran |
| • Dr Renu Bansal | • Dr D Giribabu |
| • Dr Poonam Chadha | • Dr Nitin N Pandhare |
| • Dr S Bajpai | • Dr Shashikant Yadav |
| • Dr N K Srivastava | • Dr Deepak Sahu |
| • Dr J K Ratan | • Dr Anjireddy Bhavanam |

One Week
Short Term Course
(TEQIP-III SPONSORED)
On

"Mathematical Modeling for Complex Fluids"



(April 24-28, 2020)
Organized by



**Department of Chemical Engineering
Dr B R Ambedkar National Institute of
Technology, Jalandhar**

**Prof .M K Jha
&**

**Dr. A K Tiwari
Department of Chemical Engineering
Dr. B.R. Ambedkar National Institute of
Technology, Jalandhar, Punjab**

ABOUT NIT, JALANDHAR

Dr B.R. Ambedkar National Institute of Technology Jalandhar (NITJ) was established in the year 1987 as Regional Engineering College and was conferred the status of National Institute of Technology (Deemed University) by the Government of India on October 17, 2002 under the aegis of Ministry of Human Resource Development, New Delhi. The Government of India has declared the Institute as an “*Institute of National Importance*” under an act of Parliament in 2007.

As one of the National Institutes of Technology (NIT), the Institute has the responsibility of providing high quality education in Engineering, Technology and Sciences to produce competent technical and scientific manpower for the country. The Institute offers B Tech, M Tech, M Sc, MBA and PhD programmes in several disciplines of Engineering, Technology and Sciences.

ABOUT THE DEPARTMENT

The Department was established in 1990 and has been playing a vital role in the development of Chemical Engineering education and research by offering B.Tech, M. Tech and PhD programmes. Its Alumni are occupying eminent positions in chemical industries, research and academic institutions in India and abroad. The Department has established state-of the art laboratories with sophisticated equipment for undergraduate courses and research work. The Department recently received coveted FIST grant of Rs. 155 Lac from Department of Science and Technology, New Delhi to augment post graduate research.

OBJECTIVES OF THE COURSE

Complex fluids are mixtures that have coexistence between two phases: solid–liquid (suspensions or solutions of macromolecules such as polymers), solid–gas (granular), liquid–gas (foams) or liquid–liquid (emulsions). Mathematical Modelling for Complex Fluids provides researchers and engineering practitioners encountering fluid flows with state-of-the-art knowledge in continuum concepts and associated fluid dynamics. To design mathematical models of these flows that adequately express the engineering physics involved. It exploits the implicit link between the classical Newtonian fluids and non-Newtonian fluids such as those required in food processing and polymeric flows. The objective of course to develops a descriptive mathematical model articulated through continuum mechanics concepts for these non-Newtonian, viscoelastic fluids.

REGISTRATION

The Registration Fees **Rs. 1000/-** to be submitted in the form of DD in the favor of “**The Director, NIT Jalandhar**”, payable at “Jalandhar”

OR

Registration fee may be paid in CASH at registration desk on the spot.

Last date of Registration: April 15, 2020.

WHO CAN ATTEND THIS STC?

Faculty members/Industry Professionals/Research-Scholars/ PG-Students can attend the STC. The interested persons need to apply to the ‘Course Coordinator’ in the prescribed format by due date (through proper channel).

GENERAL INFORMATION

- Registration kit and Course material shall be provided to the participants.
- No TA/DA shall be paid to the participants. The participants are expected to bear TA/DA themselves.
- Accommodation may be provided to participants in the Hostel on payment basis on their specific request.
- Last date of receiving of registration forms is 20/04/2020. Reporting date is 24/04/2020 at 9.00 AM in NKN Hall, IT park building, NIT Jalandhar

ACCOMMODATION

Limited accommodation would be available in the NITJ Guest Rooms/Hostels for outstation participants on nominal charges at first come first serve basis. Contact *Mr. Aman @ 9649033420* for accommodation related queries



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