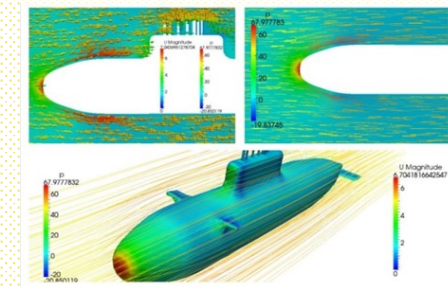
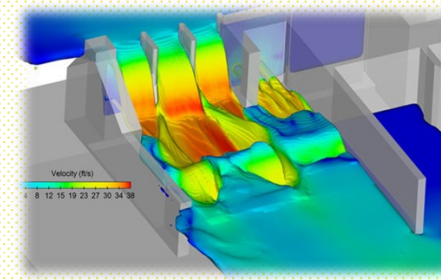
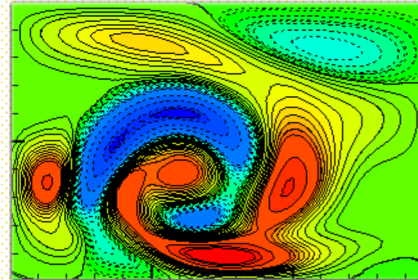


राष्ट्रीय प्रौद्योगिकी संस्थान मेघालय

National Institute of Technology Meghalaya



ONLINE SHORT TERM COURSE
ON
**RECENT APPLICATIONS OF CFD
IN CIVIL AND MECHANICAL ENGINEERING**
DECEMBER 6 - 10, 2021



Organized by

Department of Civil Engineering & Department of Mechanical Engineering
National Institute of Technology Meghalaya

Sponsored by



About NIT Meghalaya

The National Institute of Technology (NIT) Meghalaya is one among the thirty one NITs in India established under the NIT Act 2007 (Amended 2012) of the Parliament of India as Institutes of National Importance with full funding support from the Ministry of Education, Government of India.

About CE & ME Dept.

Department of Civil Engineering began its session from July 2012. The Department offers B.Tech, M.Tech in Structural Engineering and PhD programs in all the specializations. The Department is well equipped with laboratories; computational facilities with latest numerical modeling software where our students are exposed to recent technologies Development.

Department of Mechanical Engineering began its session from July 2013. The Department offers B.Tech, M.Tech in Fluid and Thermal Engineering and PhD programs in all the specializations. The main objectives of the department are to cater the students with class tutorial and in hand practice with state of the art laboratories & mechanical workshop.

Broad Scope

The proposed online Short Term Course (STC) is aimed at creating an effective forum for exchange of innovative ideas and research works in the areas of Computational Fluid Dynamics (CFD). Eminent speakers from Academia will be delivering lectures on the following thematic areas of the STC.

Target Audience

The course is suitable for Research Scholars, Students and Industry Professionals.

Mode

The course will be organized through online platform. The joining link will be shared with the participants, well in advance.

Certificate

E-Certificate will be provided to all the participants satisfying the attendance criteria.

How to apply

Click [here](#) for registration

For more information please visit:

<https://www.nitm.ac.in>

Last Date for Registration:

25th November, 2021.

Registration will be considered on a first cum first serve basis.

There will be no registration fee.

Thematic Areas

This STC aims to discuss various fundamental issues and perspectives in application of CFD in various fields of Civil and Mechanical Engineering. The topics would include, but are not limited to:

- ◆ River modeling
- ◆ Dam break flow
- ◆ River turbulence
- ◆ River bed scour analysis
- ◆ Automotive design
- ◆ Aerodynamics
- ◆ Microfluidics
- ◆ Cancer diagnosis and treatment

Resource Persons

- ♣ Talks by eminent academicians from IIT, NIT and other Research Institutes
- ♣ Talks by resource persons from industries

Organizing Committee

Patron

Prof. B. B. Biswal, Director, NIT Meghalaya

Convenor

Dr. D. K. Sarma, Associate Professor, ME

Co-ordinators

Dr. H. M. Kalita, Assistant Professor & HoD, CE

Dr. K. Das, Assistant Professor, ME

Advisory Committee

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Prof. H. C. Das, Dean (SW)

Prof. G. Panda, Dean (AA)

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