

# 5 Days Workshop on “Mathematical Modelling on Fluid Dynamics”

Date: 19<sup>th</sup> December to 23<sup>rd</sup> December 2023

Time: 3.00 P.M. onwards

Venue: TEL Center, 2<sup>nd</sup> Floor, Academic Block – II,  
NIT AP, Jote, Arunachal Pradesh, INDIA – 791113

## Organized by

Department of Basic & Applied Science,  
Department of Mechanical Engineering,  
&

Department of Chemical Engineering  
National Institute of Technology Arunachal Pradesh

## Patron

Prof. (Dr.) Ram Prakash Sharma  
Director (I/C)

## Coordinator

Dr. Utpal Kumar Shah  
Associate Professor & HoD

Department of Basic & Applied Science

## Convenor

Dr. Kartick Mondal  
Assistant Professor

Department of Chemical Engineering  
&

Dr. Manjula Das Ghatak  
Assistant Professor

Department of Mechanical Engineering  
National Institute of Technology Arunachal Pradesh



## About the Institute

National Institute of Technology Arunachal Pradesh (NIT AP) is one of the 10 new NITs established in 2010 by the Ministry of Education, Government of India. The institute is situated in the lap of rivers Papum and engulfed by the Hills of the lower Himalayan range. NIT AP secured rank in a band of 101 - 150 in the National Institutional Ranking Framework (NIRF) 2023. In addition, NIT AP has established academic and research collaborations with different International and National level institutes such as GIFU University, Japan, IIT Kanpur, Electronics Sector Skill Council of India (ESSCI), and North East Centre for Technology Application and Research (NECTAR) for conducting various entrepreneurship development programs for training, Research, collaboration and start-up business models. Currently, almost 1000 students are enrolled in the B. Tech, M. Tech, and PhD courses of the institute.

website: [www.nitap.ac.in](http://www.nitap.ac.in)



## Aim and Objective of Workshop

This is an introductory Master's or PhD level workshop in Applied Mathematics and Scientific Computing, involving many aspects of probabilistic and deterministic modelling to handle world real-life problems in fluid dynamics. In this workshop, both theoretical and practical aspects of the problems and their solutions will be discussed by providing theory-based lectures and research talks and their applied counterparts in the form of mini-projects that will take place throughout the workshop.

## Registration Fee

There is no registration fee to attend this workshop.

## Invited Speaker



Prof. (Dr.) B. C. Prasanna Kumara  
Professor

Department of Studies in Mathematics  
Davangere University,  
Shivangotri, Davangere,  
Karnataka, INDIA-577007

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