



**UPM**  
UNIVERSITI PUTRA MALAYSIA  
BERILMU BERBAKTI

# INSPEM WEEKLY SEMINAR

4/2019

## Date & Time

25<sup>th</sup> January 2019, Friday @ 3.15 pm

## Venue

Al-Farabi Seminar Room, Second Floor,  
INSPEM

## Presenter

Dr. R. Sivaraj

Visiting Researcher  
School of Advanced Sciences, VIT, India



## Topic

Computational Methods for Heat and Mass Transfer Analysis

## Abstract

This talk presents some theoretical investigations on the heat and mass transfer characteristics of non-Newtonian fluids. The primary objective is to discuss the challenges in mathematical modelling and the significance of numerical methods for mathematical simulations to analyse the limitations and physical interpretation of various pertinent parameters on the heat and mass transfer characteristics of non-Newtonian fluids.