



**VIT**<sup>®</sup>  
Vellore Institute of Technology  
(Deemed to be University under section 3 of UGC Act, 1956)

**School of Advanced Sciences**  
**Department of Mathematics**

**International Symposium on Recent Trends in Mathematical Sciences**

**July 15-16, 2019**

**VIT Vellore in association with UPM Malaysia**

**Venue: MB210**

**Day 1: 15-07-2019**

| <b>Time</b>   | <b>Event</b>   |
|---------------|--|
| 08:30 – 10:00 | Registration   |
| 10:00 – 10:45 | Inauguration   |
| 10:45 – 11:00 | High Tea   |
| 11:00 – 12:00 | <b>Prof. H.Zainuddin, UPM, Malaysia</b><br><i>Geometry of Dynamical Systems</i>  |
| 12:00 – 13:00 | <b>Prof. Satyajit Roy, IIT Madras, Chennai</b><br><i>Boundary Layer Flows with Heat and Mass Transfer</i>                                |
| 13:00 – 14:00 | Lunch  |
| 14:00 – 15:00 | <b>Prof. Satyananda Panda, NIT Calicut, Calicut</b><br><i>Real Time Numerical Scheme for Crater Geometry Simulation in Micro-EDM</i>     |
| 15:00 – 15:15 | High Tea   |
| 15:15 – 16:15 | <b>Prof. M.K.Hassan, Dhaka University, Bangladesh</b><br><i>Conservation Laws in Stochastic Fractal and Stochastic Multifractal</i>      |
| 16:15 – 17:15 | <b>Prof. M. Muthtamilselvan, Bharathiar University, Coimbatore</b><br><i>Mixed convective flow in a multiple port ventilation cavity</i> |

**Day 2: 16-07-2019**

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|---------------|---|
| 9:45 – 10:45  | <b>Prof. S. Banerjee, UPM, Malaysia</b><br><i>Chaos and Complexity in Optical Communications</i>                                      |
| 10:45 – 11:00 | High Tea  |
| 11:00 – 12:00 | <b>Prof. S.H.H. Chowdhury, Dhaka University, Bangladesh</b><br><i>Mathematical Foundations of Classical and Quantum Mechanics</i>     |
| 12:00 – 13:00 | <b>Prof. S.Mukherjee, Sivanath Sastri College, Calcutta University</b><br><i>Complexity and its application on biomedical signals</i> |
| 13:00 – 14:00 | Lunch   |
| 14:00 – 15:00 | <b>Prof. N.A.A. Fataf, Universiti Pertahanan Nasional Malaysia</b><br><i>Complexity and Dynamics of a Chaotic Blood Flow Model</i>    |
| 15:00 – 15:15 | High Tea  |
| 15:15 – 15:45 | Valedictory   |