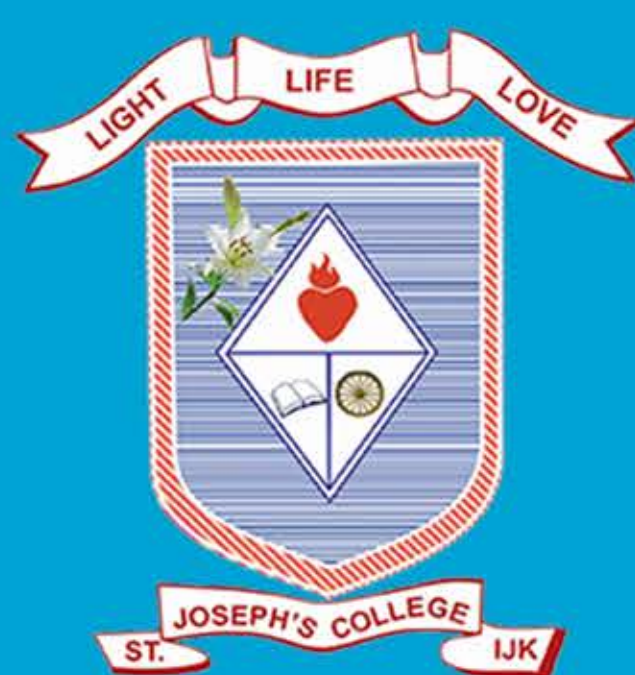
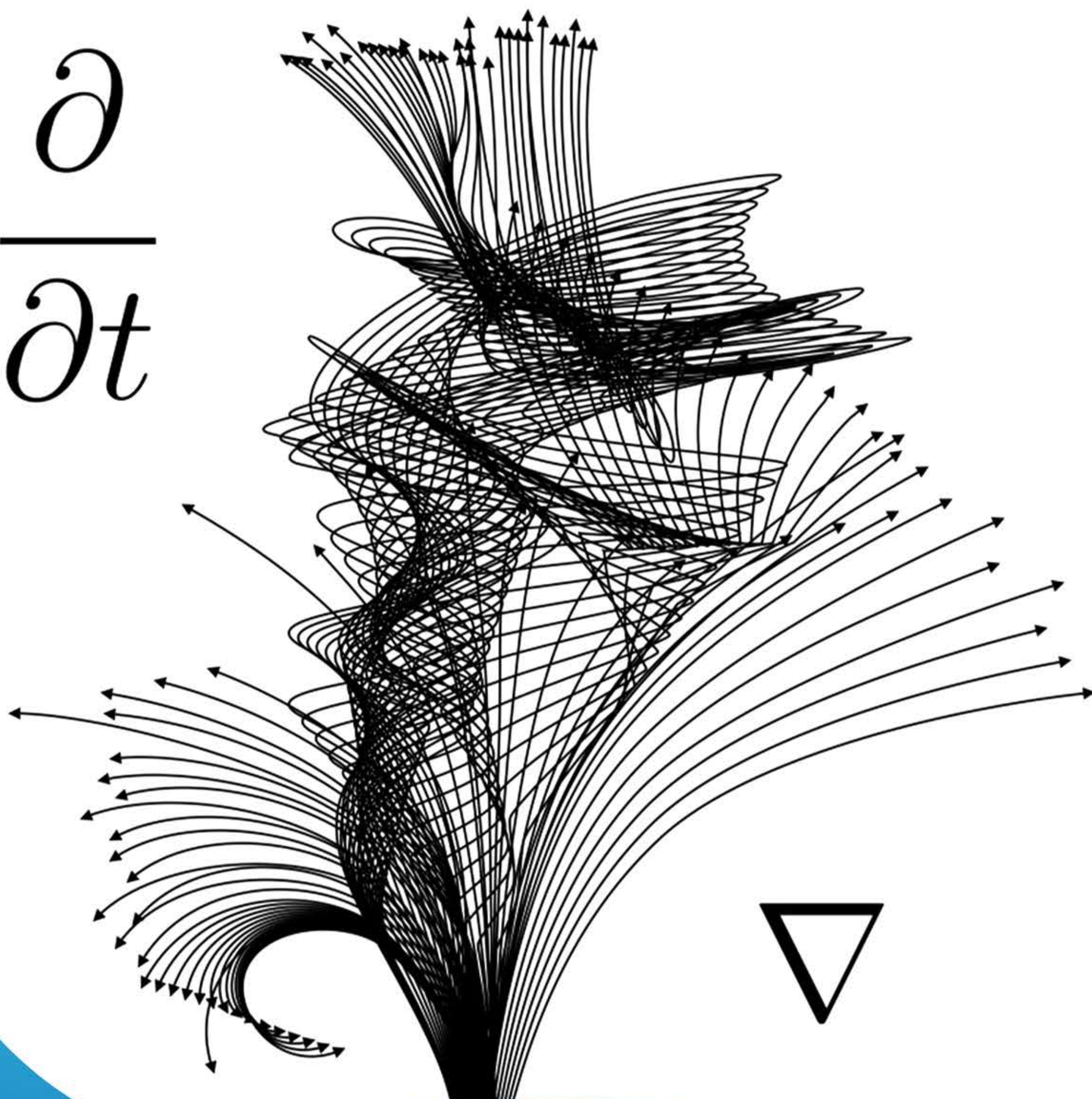


$$\frac{\partial}{\partial t}$$



National Workshop

On Trends In Partial
Differential Equations

Organized by
Centre for Research in
Mathematical Sciences
St. Joseph's College
(Autonomous), Irinjalakuda

Sponsored by

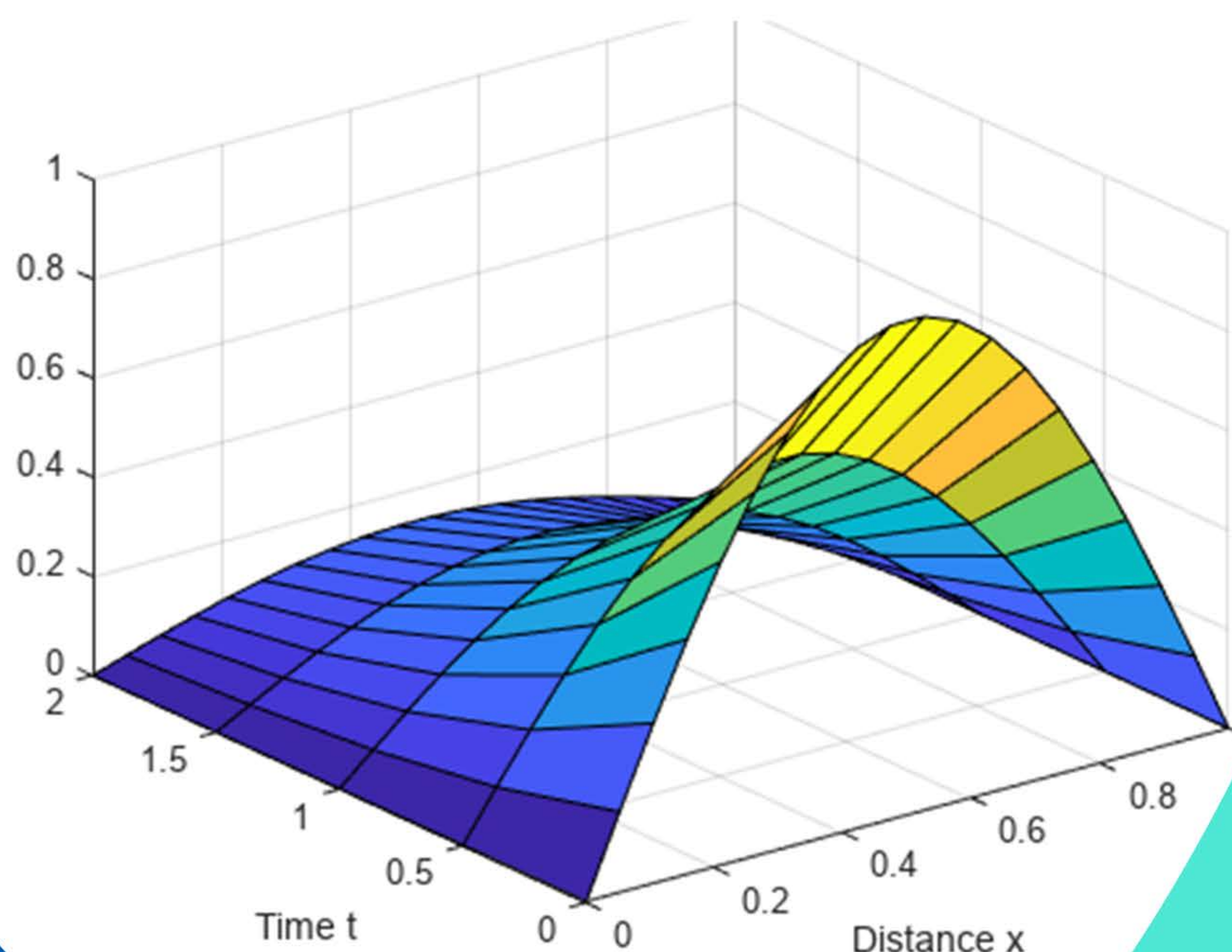
Kerala State Council for Science,
Technology and Environment
(KSCSTE), Government of Kerala



&
Autonomy Cell
St. Joseph's College
(Autonomous) Irinjalakuda

16, 17
February
2023

website: www.stjosephs.edu.in



Invited Speakers



Dr. Sandeep K
Dean and Professor,
TIFR, Bangalore
Topic: Classical and weak
solutions of quasilinear PDEs



Dr. A. K. Nandakumaran
Professor
IISc, Bangalore
Topic: Calculus Variations to
Optimal Control



**Dr. Subrahmanian
Moosath K.S**
Professor
IIST, Thiruvananthapuram
Topic: Some basic geometric
concepts for PDEs

Advisory Board

Dr. Ligy V K
Principal, St. Joseph's College
(Autonomous), Irinjalakuda

Dr. Sajith G
Adjunct Professor,
S.S. College Areacode

Dr. Mangalambal N. R
Retired Associate Professor & Head,
St. Joseph's College (Autonomous),
Irinjalakuda

Dr. Sr. Lilly P. L
Retired Associate Professor and
Principal, St. Joseph's College
(Autonomous), Irinjalakuda

Day 1 - 16/02/2023

09.00 AM Registration
09.30 AM Inaugural Ceremony
10.00 AM Session 1 - Dr. Sandeep K
11.30 AM Tea Break
11.45 AM Session 2 - Dr. A. K. Nandakumaran
01.15 PM Lunch Break
02.00 PM Session 3 – Dr. Subrahmanian Moosath K.S
03.30 PM Tea Break

Day 2 - 17/02/2023

09.30 AM Session 4 - Dr. Sandeep K
11.00 AM Tea Break
11.15 AM Session 5 - Dr. A. K. Nandakumaran
12.45 PM Lunch Break
01.30 PM Session 6 - Dr. Subrahmanian Moosath K.S
03.00 PM Valedictory Function

About the College

The institution stands tall about 60 years of legacy and service solely built on the philosophy of imparting value-based education for the holistic development of women. The inspirational vision of Saint Mariam Theresia, the foundress of the Congregation of the Holy Family guides the institution to achieve its goals in the field of higher education with the support of pioneer administrators. The college was awarded Autonomy in March 2016. The college was granted the status of College with Potential for Excellence by UGC in April 2016. The institution received A++ grade in the fourth cycle of accreditations by NAAC in 2023.

About The Centre

The Centre for Post Graduate Studies and Research in Mathematical Sciences, affiliated to University of Calicut is the research wing of the Department of Mathematics, St. Joseph's College (Autonomous) Irinjalakuda. The thrust areas of research at this Centre are Topology, Graph theory, PDE and modeling, Queuing theory. Centre stands to inculcate research interest among students and faculty in diverse areas of Mathematical sciences.

About KSCSTE

Kerala State Council for Science, Technology and Environment (KSCSTE) is an autonomous body constituted by the Government of Kerala in November 2002 to encourage and promote science and technology-related activities in Kerala State. Mission "Science for Humanity" is the motto of KSCSTE, with a view to identify and implement programmes to achieve excellence in science and technology

Objectives

- Impart deep knowledge in Partial differential equations and its geometry to faculty, research scholars and students
- To motivate students to work towards pure mathematics applications which is helpful for modelling and simulation of real-world experiments in physical and biological sciences

Organizing committee

Sherin Jose T. (Hod) (Convenor)

Alphy Joseph (Joint Convenor)

Sinda Joy

Dr. Sr. Deeni C. J.

Baby A. K.

Anju P. Davis

Kripa V R

Dhanya V. S.

Dr. Fijy Jose P

Sonadas P.

Rahna Babu



Application:

<https://forms.gle/ytCEX4gDqnHux9ZU8>

Last date to apply :

12/2/23

Display of list of selected participants:

13/2/23

Registration Fee :

₹200 (At Venue)

Contact Details:

Phone No.: **9725474495**

E mail.: **mathematics@stjosephs.edu.in**

Organized by

**Centre for Research in
Mathematical Sciences
St. Joseph's College
(Autonomous), Irinjalakuda**

Venue:

**Patmabhooshan Fr. Gabriel Seminar hall
Golden Jubilee Research Block**

website: www.stjosephs.edu.in