

Department of Mathematics

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY WAKNAGHAT

Workshop Report

**One-Week Advanced Workshop
on**

Integral Equations – Solvability Analysis and Applications

October 19-25, 2015

The Department of Mathematics organized a one week Advanced Workshop on “Integral Equations – Solvability Analysis and Applications” under the auspices of National Program on Differential Equations : Theory, Computation and Applications (NPDE-TCA) sponsored by DST, Government of India during the period October, 19th – 25th 2015. There were 32 participants in the workshop including faculty members, research scholars, M Sc students from all over India.

The Resource Persons who conducted the workshop are

- Mohan Joshi, IIT Gandhinagar
- N. Sukavanam, IIT Roorkee
- A. K. Nandakumaran, IISc Bangalore
- K. Balachandran, Bharathiar University, Coimbatore,
- Raju. K. George, IIST Trivandrum
- Sree Hari Rao, JNT, Hyderabad
- A K Pani, IIT Bombay
- Rathish Kumar, IIT Kanpur
- Anil Kumar, BITS-Goa

The aim of the workshop was to familiarize the participants with the the basic Theory of Linear Integral Equations, Solvability Analysis of Nonlinear Integral Equations, Mathematical Modelling with Applications and Computational Strategies along with discussion on the latest developments as well as future directions.

Name of Resource Person	Affiliation	Snap
Prof. Mohan Joshi	IIT, Gandhi Nagar	
Prof. N Sukavanam	IIT, Roorkee	
Prof. A K Nandkumar	IISc, Bangalore	
Prof. K Balachandran	Bharathiar University, Coimbatore	
Prof. Raju K George	IIST, Thiruvananthapuram	
Prof. Sree Hari Rao	JNT, Hyderabad	
Prof. A K Pani	IIT, Bombay	
Prof. Rathish Kumar	IIT, Kanpur	
Prof. Anil Kumar Pundir	BITS Pilani, Goa Campus	

Glimpse of Workshop









