UGC – Malaviya Mission Teacher Training Centre

Report on Short Term Programme on Theory of Differential Equations

Date: March 03-08, 2025

Venue: MA416, Department of Mathematics, IIT Hyderabad

Organizer: Aiyappan Srinivasan, Mathematics, IIT Hyderabad

Speakers and Topics:

Prof Harsha Hutridurga (IIT Bombay): Motivation to the theoretical aspect of differential equation. First and second order linear ordinary differential equations.

Prof Bhakti Bhusan Manna (IIT Hyderabad): General theory of first order Initial Value problems.

Prof Aiyappan Srinivasan (IIT Hyderabad): Linear system of ordinary differential equations.

Prof Debabrata Karmakar (TIFR-CAM Bangalore): Boundary value problems, Regular Sturm Liouville problem.

Prof T. Muthukumar (IIT Kanpur): Introduction to first order partial differential equations.

Prof K. Bhargav Kumar (BITS Hyderabad): Numerical Methods.

Participants:

	Name	Institution
1	A.Divya	B V Raju Institute of Technology, Narsapur
2	Dr. Ruchi Agarwal	SVKM's Narsee Monjee College of Commerce and Economics
3	P LAKSHMI PALLAVI	B V Raju Institute of Technology, Narsapur
4	Dr S Karthikeyan	KPR Institute of Engineering and Technology
5	Aravindh D	KPR Institute of Engineering and Technology
6	Suraj Krishna Parmekar	Ganpat Parsekar College of Education
7	Rachel Sarah D'Costa	Goa University
8	Dr.V.Rangaveni	G Pulla Reddy Engineering College Kurnool
9	Padhmanaban S	SRM institute of science and technology, Kattankulathur
10	Rakhi Eknath Kapse	Yeshwantrao Chavan College of Arts, Commerce and Science, Sillod.
11	PRADEESH J	Vellore Institute of Technology Vellore
12	Dhanush A	Vellore Institute of Technology Vellore
13	Dr K. Damodharan	KPR Institute of Engineering and Technology
14	Aditi Chattaraj	IIT Hyderabad
15	Ritesh Ranjan Patel	IIT Hyderabad
16	Anushree	IIT Hyderabad

Some pictures: (More images can be found at https://math.iith.ac.in/gallery.php)