

Classes from 16th-31st March for paper (M.Sc.) IV.1: Understanding Mathematical language of Ordinary Differential Equations and Complex Analysis

Theory Part:

The classes from 16th-31st March, 2020 will be held through online mode as per the timetable. The assignments will be mailed to all the students on weekly basis. Students are requested to kindly complete following topics in this duration;

Week 1: Complex numbers and their geometrical interpretation, polar forms, powers and roots.

Week 2: Revise planar autonomous linear systems with their graphical representation, The Eigenvalue Method for Homogeneous Systems

Students may refer online pdf of 'C.H. Edwards and D.E. Penny, Differential equations and boundary value problems: Computing and modeling, Pearson education (Singapore), Pte. Ltd., 2005', it has already been mailed to them.

Any query or doubts may be resolved through emails or calls, also I will be available on Google Hangout as per the timetable.

Practical Component:

In our last class, all the students were asked to finalise their class project for paper IV.1, but no update has been received after that. Therefore, a mail has been sent to all the students suggesting some projects for paper IV.1, students may choose any topic from those suggestion, or they may select a topic of their choice. The finalised list of project along with a short abstract and group members needs to be shared with me by 21st March, 2020. In case of any doubt or query, you may contact me anytime.

Stay Safe and Healthy

Dr. Sonam Tanwar