

“Guest Talk”

On

“Introduction to Differential Equations and it's Applications”

PES Institute of Advanced Management Studies under the banner of Cluster Forum, Department of Computer Science organized a special talk on “Introduction to Differential Equations and it's Applications” on 23rd July 2021 from 2:00 PM to 4:00 PM through Google meet plat form for the B.Sc students. Dr. AVEESH S.T. Head, Department of Mathematics, PES Institute of Technology & Management, Shivamogga was the speaker on the session.

Ms. Roopa D.S, HOD, Department of Computer science, introduced the speaker, Ms. Ashwini E.M, Coordinator of Cluster Forum welcomed the speaker and Mr. Rajshekhar Hammigi, Assistant Professor proposed vote of thanks on the occasion.

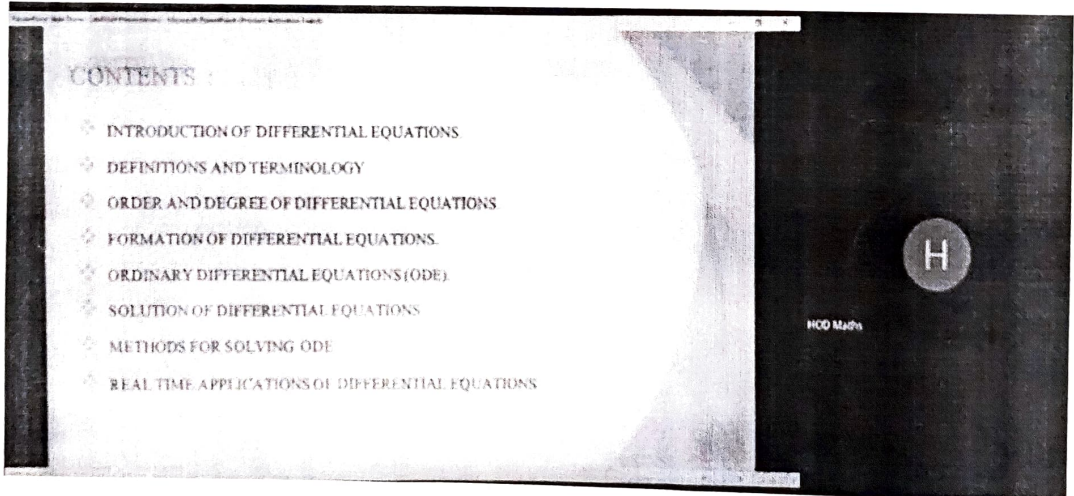
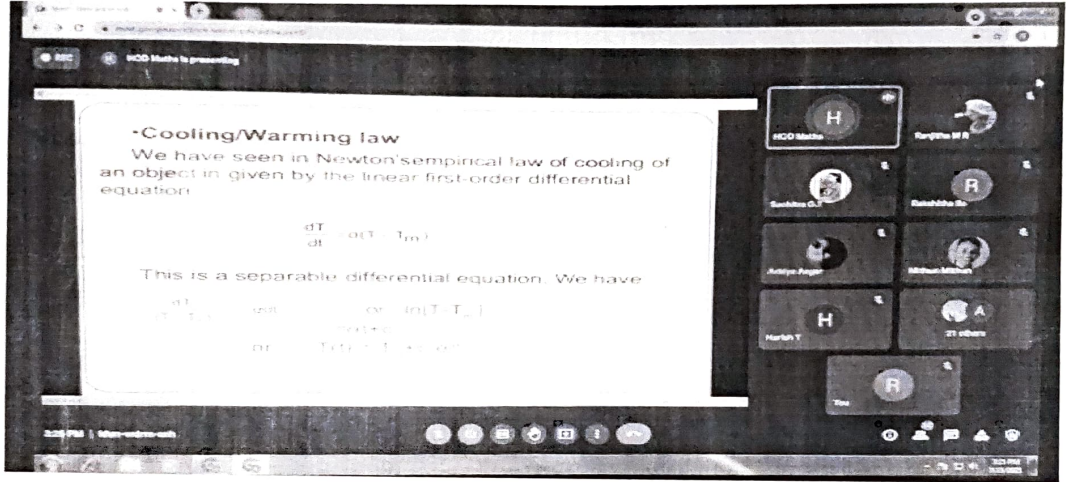
Objectives of the Special Talk

To encourage the students to attain knowledge on the basics of Differential Equations and Applications of Differential Equation in solving nature problem.

Learning outcome

- Basics of differential equations.
- Get acquainted with the type of a given differential equation, selecting and applying the appropriate analytical technique for finding the solution of first order and selected higher order ordinary differential equations.
- Evaluation of first order differential equations including separable, homogeneous, exact, and linear, second order and higher order linear differential equations.
- Real time applications of differential equations.

The session was interactive and resource person concluded by addressing the benefits of differential equations, further more discussed about applications of differential equations in solving phenomena of cooling, population growth and radioactive decay.



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Cluster forum Co-ordinator

Ms. Ashwini E.M

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