CO-OPERATIVE ARTS AND SCIENCE COLLEGE, MADAYI

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23.01.2021

Programme Report

Name of the Programme: Workshop on Differential Equations

Date: 23rd January 2021

The department organized an online workshop on Differential Equations through google meet on 23rd January 2021 at 4 pm. The Workshop on Differential Equations provided participants with an in-depth study of the fundamental concepts of Differential Equations. The session addressed previous years' JAM Mathematics questions in the that area. Sruthi Chundakkaran (Assistant Professor, Department of Mathematics, Co-operative Arts & Science College, Madayi) managed the session and discussed the topic second order differential equation and some related problems. The session aimed to strengthen participants' problem-solving skills, foster collaboration, and explore various problem-solving techniques in the context. Final Year BSc Mathematics Students of the department actively attended the session.

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DEPARTMENT OF MATHEMATICS

Co-operative Arts and Science College, Madayi

Payangadi RS. (PO), Kannur, Kerala-670358

WORKSHOP ON DIFFERENTIAL EQUATIONS



Resourse Person:

Smt. Sruthi Chundakkaran

Assistant Professor Department of Mathematics CAS College, Madayi

Faculty Co-ordinators:

Dr.Shijina.V

(Assistant Professor & HOD)

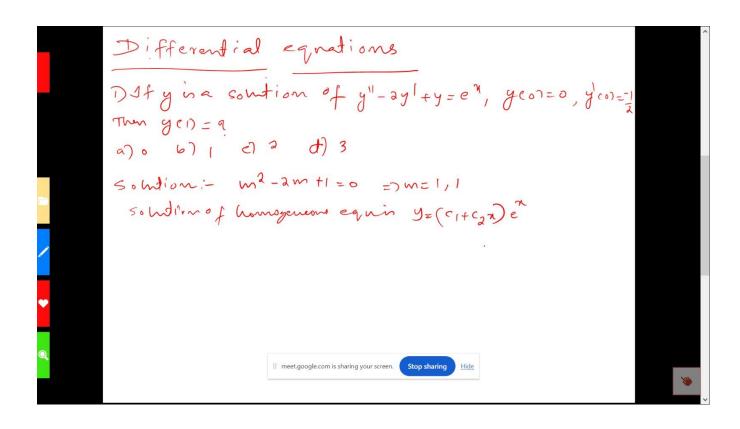
Smt. Sruthi Chundakkaran

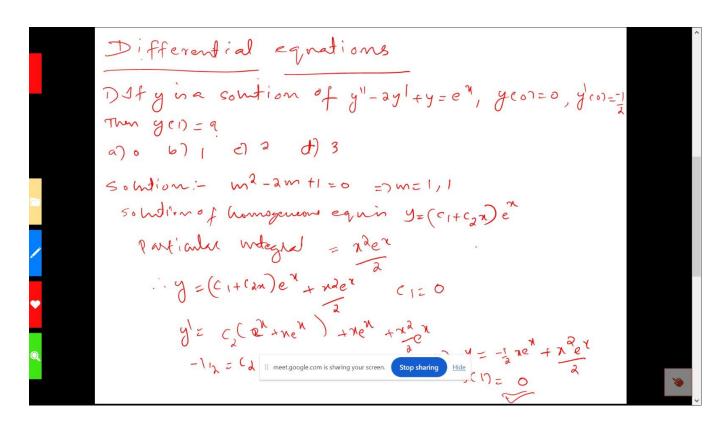
(Assistant Professor)

23rd January 2021, 4 pm via; Google Meet

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a) consider the initial value problem_dx +xy =0, y(0)=1

where & EIR

a) There is an & could y(1)=0

y(1) there is a wigne & such that he years

c) There is no & such that y(2)=1

d) There is a wrigne & Such that y(1)=2

soln:- soln of diff. equ is y= (1e<sup>-d</sup>)

1=C1

y=e<sup>-xx</sup>

y=e<sup>-xx</sup>

y=e<sup>-xx</sup>

y=e<sup>-xx</sup>

y(2)=e<sup>-2x</sup>

y(2)=e<sup>-2x</sup>

y(2)=e<sup>-2x</sup>

y=e-xx
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