

Virtual Guest Lecture

'Applications of Differential Equations'

20th September, 2021

Organized by: Department of Mathematics & Statistics

REPORT

A Guest Lecture was organised by the Department of Mathematics and Statistics on “**Applications of Differential Equations**” on **20-09-2021**. Dr.D.Vijay Kumar, Associate Professor in NRI Institute of Technology, Agiripalli is the Resource person.

Objectives of Guest Lecture: To create interest in studying the applications of Ordinary Differential equations.

The speaker delivered a talk on the topic of ordinary differential equations.

He also discussed the applications listed below.

- ❖ Newton's law of cooling.
- ❖ Population growth and decay
- ❖ Newton's second law of motion
- ❖ Glucose absorption by the body

Members of our department, Mr. G. Suryanarayana, Ms. K.Vanama devi, Mr. Shaik Rahamthulla, and 100 students from I BSc (MSCs -1&2) took part in this session, and the Head, Department of Mathematics, Mrs M.L. Prasanna, offered the vote of appreciation. The students interacted with the speaker at the end of the session to gain insight into the numerous research careers accessible in the field of mathematics.

Outcomes of Guest Lecture:

Students will be able to appreciate the importance of differential equation applications in real life and in the medical field.

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Slide 1 of 31 | Office Theme | English (United States)

Dr. D. Vijayakumar

2035 27 Sivaramakri...

Surya Narayana

D

2035 51 Devi

2034 20 _Venkat

2035 22 [KIRAN]

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2035 34 Vineela Sun...

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91 others

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$r = a(1 + \cos \theta)$

θ	0	$\frac{\pi}{2}$	π	$\frac{3\pi}{2}$
r	2a	a	0	a

Dr. D. Vijayakumar

S

SHAIK RAHAMTHULLA KB...

S

94 others

You

People

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In call

- Mamidi Lakshmi pra... (You) Meeting host
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- 2033 02 Venkata lakshmi
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INVITATION

Invitation

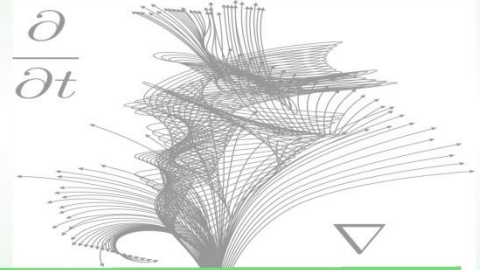
You are cordially invited to the Virtual Guest Lecture on

'Applications of Differential Equations'

Monday, 20th September, 2021 @ 2:00 PM

SPEAKER

Dr. D. Vijaya Kumar
Asso. Prof., Dept. of Mathematics,
NRI Institute of Technology, Agiripalli



Organized by: **Department of Mathematics & Statistics**

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