REPORT

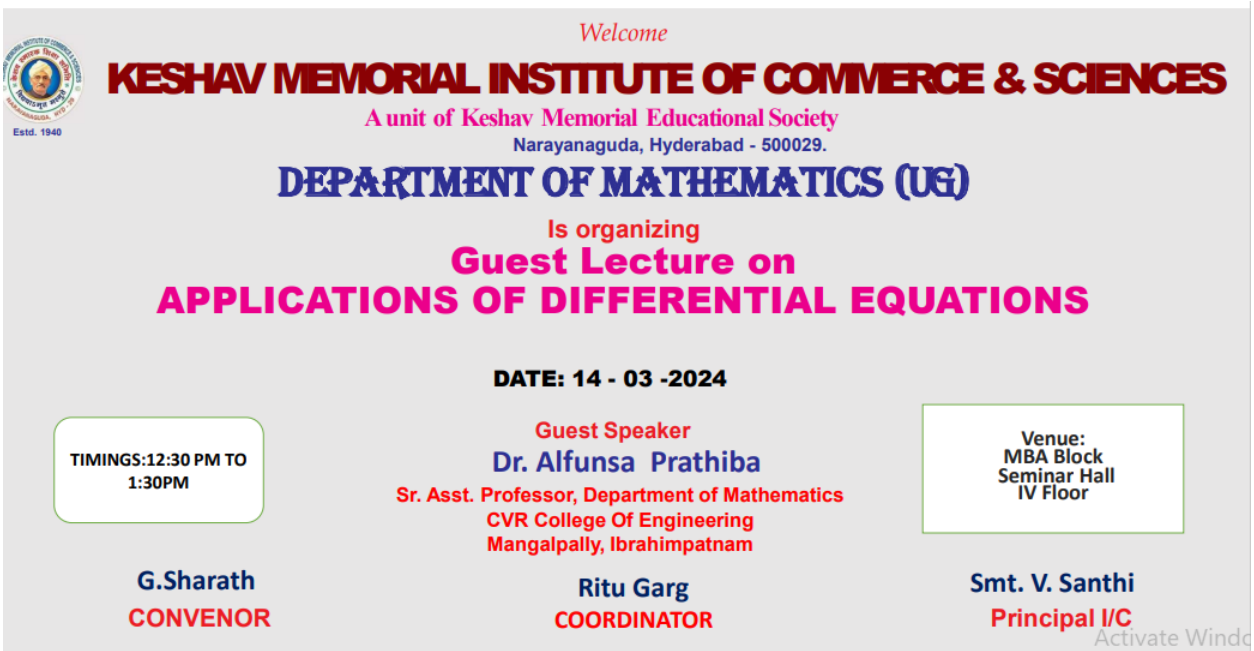
GUEST LECTURE ON APPLICATION OF DIFFERENTIAL EQUATION

DATE: 14-3-2024

TIME: 12:30 TO 1:30 PM

VENUE: MBA BLOCK, SEMINAR HALL, IV FLOOR

Department of Mathematics (UG) conducted a guest lecture on "Applications of Differential Equations" from 12:30 to 1:30 pm for I year B.Sc (MSCs & MPCs) on 14 th March 2024 in MBA Block, Seminar Hall, IV th floor at KMIM.



The Speaker of the lecture was Dr. ALFUNSA PRATHIBA, PhD , Sr. Assistant professor, Dept of Mathematics, CVR COLLEGE OF ENGINEERING , Mangalpally, Ibrahimpatnam.

She discussed about O.D.E applications in real life is used to calculate the movement or flow of electricity. She also explained in medical terms, how they are used to check the growth of diseases in graphical representation. She explained common applications of D.E like Newton's law of cooling, population

growth, Bernoulli's equation, and exponential growth of bacteria and radio activity decay.

The lecture was attended by 200 students. Overall the lecture was very informative and all the students benefited from it.

The objective of this program is to know the applications of Differential Equations in real life.

Speaker addressing the students


Differential
Equations and
their applications
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Students attending lecture

Feedback after the lecture


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Felicitating the Guest speaker by Miss. Sravanthi, Head of the P.G Department.

Vote of thanks by Ritu Garg, Dept of Mathematics

Speaker Dr. ALFUNSA PRATHIBA, students and faculty of Mathematics department


KESHAV MEMORIAL INSTITUTE OF COMMERCE & SCIENCES
DEPARTMENT OF MATHEMATICS (UG)
APPLICATIONS OF DIFFERENTIAL EQUATIONS
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REPORT ON GUEST LECTURE

CONNECTING LINEAR ALGEBRA TO RESEARCH AND LIFE

A guest lecture on applications of Linear Algebra was organized on 31/10/2023 for BSc(MSCs and MPCs) final year students.

The resource person was Dr.K.Kavita , Associate Professor of Mathematics in BVRIT Hyderabad College of Engineering for women.

OBJECTIVE :

The main objective of organizing the lecture was to make students understand the scope of the applications of Linear Algebra in research and life.

The speaker explained most of the applications very detailed manner using ppts.

She also explained how mathematics plays very important role in real

Life by giving some examples viz.,sunflower seeds in Fibonacci series,

Golden ratio in construction of world old famous temples in India.

At the end she clarified students doubts very detailed and with patience and students also impressed vey much for her answers.


Connecting LINEAR ALGEBRA TO Research