

Mathematics Quiz

Lecturers: Mrs A.Venuka, Mr K.Shadrak, Mrs B.Supraja, Mrs G.Rajani

Date: 30/1/2020

Topic: Differential Equations

Introduction:

Department of Mathematics has conducted a Mathematics Quiz for B.Sc. 1st year students in the topic of differentialequations.

Objectives:

The objective of the Quiz was to encourage students to

- look beyond their textual knowledge
- establish a relationship between theory and application of the learnt concepts
- learn from their counterparts
- build competitive spirit

To conduct the Quiz we have selected the participants from MSCs, MPCs and MPC groups of B.Sc.

There were 8 groups of 5 members each in the competition

In the first three rounds there was a time limit of 2 minutes for each question.

These were passing rounds, i.e. if a question was unanswered it went to the next team.

The time limit to passed questions was 1 minute.

Each question carried 1 point, passed questions carried 0.5 points.

Round 1: In this round the participants were tested in knowledge of Differential Equations.

Round 2: In this round the participants were tested in understanding of Differential Equations.

Round 3: In this round the participants were tested in applications of Differential Equations.

Round 4: This round was a buzzer round, the question was posed to the competition in general and the team which ringed the buzzer first got to answer the question. In this round students were rewarded with 2 points if the question was answered in 1 minute.

Outcome:

The Quiz provided an interesting experience for the students to further their understanding of the concepts and applications of Differential Equations.





RECYCLING

Lecturers: Mrs A. Venuka, Mr K. Shadrak, Mrs B. Supraja, Mrs G. Rajani

Date: 30/1/2020

Topic : Social Activity

Introduction:

Department of Mathematics has initiated to recycle plastic pens .

DESCRIPTION:

Pens have got a large share in non-degradable waste. Pens cause soil and water pollution. Use and throw pens costs low but costs high for nature.

Use of pens cannot be stopped, so you can take various steps to reduce your carbon footprint by pens:

- Buy refills instead of buying new pens.
- Generally we lose pens much, so try not to lose pens. Dump waste refills and pens properly.
- Best is to use a Fountain pen.

Pens and refills are hard to recycle because generally pens don't end up in trash can, they get lost or thrown away. You can imagine this situation by how many times you threw pens in proper trash can. Pens and refills contain metal parts which also prevents it from costly recycling. It's good you are concerned about this small thing creating big problem. Take small steps at your level and try to make people aware around you.

PARTICIPATION :

By participating in the good cause as the team of KMICS we ensure to cultivate a lifelong habit that will sustain environment for future generations.









GUEST LECTURE

Date: 03/01/2020

Topic : Real time applications of differential equations.

Speaker : Dr.M.Aparna ,Associate Professor of mathematics, G.Narayanamma Institute of technology and science for women.

Introduction:

Department of Mathematics has organized a guest lecture on real time applications of differential equations .

OBJECTIVE:

The objective of the guest lecture was to encourage students to

- look beyond their textual knowledge
- establish a relationship between theory and application of the learnt concepts

APPLICATION IN REAL TIME :

In medicine for modelling cancer growth or the spread of disease. In engineering for describing the movement of electricity.

In chemistry for modelling chemical reactions and to computer radioactive half life. In economics to find optimum investment strategies.

OUTCOME :

Students have enriched the knowledge of applications of differential equations.







