The Department of Mathematics

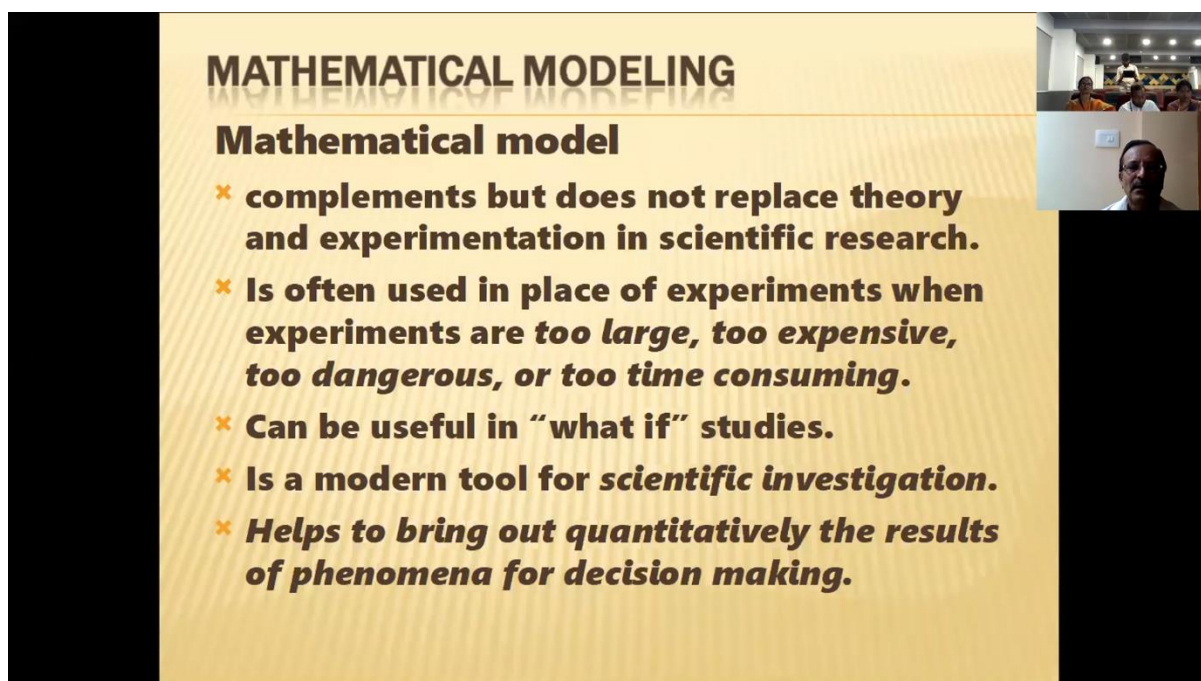## The National College, Autonomous, Jayanagar, Bangalore 560070

Topic: **WEBINAR ON APPLICATIONS OF MATHEMATICS**

A webinar in Mathematics was held on 8th April 2021 at 10.30AM.

Resource Persons:

Name of the Speaker	*Topic*
1. Dr. A.M. Nageswara Yogi, Chairman, Institute of Defence Scientists & Technologies, (IDST), Bangalore	MATHEMATICAL MODELLING - Case Studies Related to Defence Problems
2. Dr. S.K. Singh Scientist F, ADE, Bangalore	GAME THEORETIC ANALYSIS FOR NATIONAL SECURITY

More than 100 students and faculty member attended the webinar on Zoom platform.

(Session by Dr A M Nageswara Yogi)

Game Theory

- A theoretical framework for conceptualizing political/ economic/social situation among competing players
- Termed as 'Science of Strategy'
- May be used for determining outcome in conflicting situation with two or more players i.e. strategic decision makers
- Optimal decision making of competing players in strategic setting
- Purpose is to find your best possible strategy, given the strategy/ steps taken by your competitor/ adversary.

(Session by Dr S K Singh)

Invitation: