National Webinar

On

"Tourism in Space: A Mathematical Overview"

Department of Applied Sciences, Galgotias College of Engineering & Technology, Greater Noida organized a National Webinar on "Tourism in Space: A Mathematical Overview" on 3rd September 2020.

The theme of the webinar was a multidisciplinary field, which covers different mathematical and technical aspects of dynamics of a spacecraft/satellite in space. It's aim was to motivate Faculties, young researchers and PG students by introducing basic ideas about the classical problem of the celestial mechanics so that they can explore their ideas on realistic models, which may address the dynamics of a satellite in space via results of mechanics, methods of mathematics and tools of computer science etc.

Dr. RAM KISHOR

Assistant Professor Department of Mathematics, Central University of Rajasthan, Ajmer, Rajasthan (INDIA) Visiting Associate Inter-University Centre for Astronomy and Astrophysics, Pune (INDIA)

Topic: Restricted Problem of Three Bodies: An unsolved Problem

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Prof. M.Xavier James Raj,

Head, Orbital Analysis Section (Rtd) Applied Mathematics Division, Vikram Sarabhai Space Centre, ISRO **Topic: Low Cost Travel to Moon/Mars**

Webinar was conducted through **Google meet and Facebook live**. From the first day of opening registration for Webinar, we had a massive response of over **750 participants** including researcher, academician and students over 500 organization across the globe, out of them **367 participants** were successfully participated.

The **convener and organizer** of the National Webinar was Dr. Rajesh Tripathi (HOD AS) and Dr. Vinay Gautam (Assistant Professor, Mathematics), respectively. Also, event was **coordinated** by Dr. Padam Singh (Assistant Professor, Mathematics).

The outcomes & objectives achieved were as follows:

- ❖ National Webinar covered different mathematical and technical aspects of the dynamics of spacecraft/satellite in space.
- ❖ National Webinar covered basics of classical problems of the celestial mechanics.
- ❖ National Webinar motivate faculties and young researchers to explore their ideas on realistic models.



