भारतीय प्रौद्योगिकी संस्थान
काशी हिन्दू विश्वविद्यालय
INDIAN INSTITUTE OF TECHNOLOGY
BANARAS HINDU UNIVERSITY

**One Day Research Facility training program (Hybrid Mode)**

**On**

**"Development of Ti alloy based composites by mechanical alloying and stirrer casting route for dental applications"**

Sponsored by Science and Engineering Research Board (SERB), Govt. of India

February12 ,2022


*Organized by*
Department of Mechanical Engineering
Indian Institute of Technology
(Banaras Hindu University)
Varanasi–221005
India


Venue
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## Introduction:

In the present time tribology is one of the important subjects. It has several day-to-day applications such as starting from morning with brush and walking with shoes etc. In present time the study of tribology is also concerned with the biological aspects such as dental, ortho and skin. All these are very vast area of research. Dental is one of the important aspects of bio-tribology. Wear and friction is a very big issue in the study of dental tribology. The study of wear and friction is still not taken as serious as it is required in dental field. There is very much study has been done in terms of biological aspects. Tribological aspect of dental implant will help to further enhancement to this study.

## Who can attend?

Research scholars of Institutes/ Engineering Colleges /Universities working in the inter-disciplinary, Mechanical, Materials, Metallurgy, Ceramic etc /other interested departments are eligible to attend the course

## Registration Process

**Registration fee:** Nil

Fill the google form as given below link by **February 09, 2022**.

Registration Link:

**https://forms.gle/cmyEDr4yGVLiBAcS7**

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## COORDINATOR:

Prof. R.K. Gautam,
Department of Mechanical Engg., IIT (BHU) Varanasi-221005

## OBJECTIVES:

The present course will be focused to successful development of Ti – alloy-based composites and characterize for their biocompatibility, mechanical and tribological properties.