

One Day National Workshop (Online-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

February 23 ,2022



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

Venue
Department of Mechanical Engineering
IIT(BHU)
Varanasi-221005

Contact:
Department of Mechanical Engineering
IIT (BHU) Varanasi-221005
Mobile: 8174056865
Email: rkg.mec@itbhu.ac.in

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?

Faculty members of Institutes/Universities / Engineering Colleges approved by AICTE working in the departments of Mechanical Engineering/ Metallurgical, Materials science, Ceramic Engineering, Physics, Chemistry /Mathematics and other allied departments related to the mentioned area are eligible to attend the course.

Registration Process

Registration fee: Nil

Fill the google form as given below link by **February 21, 2022.**

Registration Link:

<https://forms.gle/ctFik8yaiot7LFFJc9>

CHIEF PATRON:

Prof. P.K. Jain, Director, IIT (BHU) Varanasi

PATRON:

Prof. Vikash Kumar Dubey, Dean (R&D), IIT (BHU)

ADVISORY BOARD:

Prof. Santosh Kumar, Head, Mech. Engg. IIT (BHU) Varanasi

Prof. R. Tyagi, IIT(BHU) Varanasi

Prof. A.P. Harsha, IIT(BHU) Varanasi

Prof. Sandeep Kumar IIT (BHU) Varanasi

Prof. R. Kumar, IIT (BHU) Varanasi

Prof. K.S. Tripathi, IIT (BHU) Varanasi

Prof. S.K. Panda, IIT(BHU) Varanasi

Dr. Debashish Khan, IIT(BHU) Varanasi

Dr. A. Tyagi, IIT(BHU) Varanasi

Dr. U.S. Rao IIT(BHU) Varanasi

Dr. N. Malik, IIT(BHU) Varanasi

Dr. PC Mani, IIT(BHU) Varanasi

Dr. Amit S. Shedbale, IIT(BHU) Varanasi

Dr. Srihari Dodla, IIT(BHU) Varanasi

HEAD:

Prof. Santosh Kumar, Head, Mech. Engg., IIT (BHU) Varanasi

COORDINATOR:

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

OBJECTIVES: The present course will be focused to understand the basic knowledge of tribology, particularly bio-tribology such as skin, ortho, dental etc. The successful development of Ti – alloy-based composites and their characterization for biocompatibility, mechanical and tribological properties.