

Resource Persons



Dr. Jagadish, Ph. D (NIT Silchar),
Department of Mechanical Engineering,
National Institute of Technology, Raipur.

Session Topic:

Green Composite Machining: Issues & Challenges

Session Date & Time: 17.06.2020 & 11 AM - 1 PM



Dr. Arunkumar Shettigar, Ph. D (NITK Surathkal),
Department of Mechanical Engineering,
National Institute of Technology Karnataka, Surathkal

Session Topic:

Cryogenic Machining Technique: Industry Driven
Predictive Model Development

Session Date & Time: 18.06.2020 & 11 AM - 1 PM



Dr. Adam Khan, Ph. D (NIT Tiruchirappalli), PDF (RSA)
Department of Mechanical Engineering,
Kalasalingam University, Tamilnadu

Session Topic:

Laser Textured Cutting Tools Behaviour while Machining
Hard Materials.

Session Date & Time: 19.06.2020 & 11 AM - 1 PM

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Live webinar series:

3 Day

Faculty Development Programme

On

“Advances in Machining Process”

17th – 19th June 2020



ORGANIZED BY

**Department of Mechanical Engineering
PES Institute of Technology and Management,
Shivamogga – 577204**

About the Institution

PES Institute of Technology and Management established in the year 2007 has grown from strength to strength within a very short span of time to provide world class technical and scientific education for developing a professional outlook in every walk of life. Institution is also ISO-9001 2015 certified. Institute is striving for excellence through industrial-academic participation, consultancy and research. The qualified, competent and experienced faculties have backed the ultramodern structure of PESITM located in outskirts of Shivamogga. As an integrated campus PESITM presently offers Engineering programs in Computer Science, Electronics & Communication, Mechanical, Electrical & Electronics, Information Science, Civil Eng. PG program in MBA and Institution has 9 research centers recognized by VTU. More than 2000 students are studying in these streams in the session 2019-20. The institute has well-equipped laboratories, library and hostel facilities for girls and boys. The institute with its rich faculty resources has strived to provide value-added high-quality education with practical skills to provide all round professional competence.

Institution Vision

To be the most preferred institution for engineering & management education, research and entrepreneurship by creating professionally superior and ethically strong global manpower.

Institution Mission

To prepare students for professional accomplishments and responsible global citizenship while fostering continuous learning and to provide state-of-the-art education through the committed and highly skilled faculty by partnering and collaborating with industry and R&D institutes.

About the Department

The department of Mechanical Engineering was established in the year 2010 with the vision of attracting and retaining outstanding faculty and staff who will ever provide an educational experience that prepares students for successful careers in Mechanical Engineering. The department is well equipped with state of art laboratories that impart practical training to theoretical Knowledge. In the pursuit of promoting and developing the research capabilities along with the professional activities among the faculties and the students. Eminent persons at National and International level from industries, research organizations and academic institutions are regularly invited for expert lectures to explore the recent development in research and innovations. The faculty members of the department have to their credit a good number of publications in International /National Journals.

Department Vision

To emerge as a center of excellence in the field of Mechanical Engineering Education, Research and Entrepreneurship.

Department Mission

M1: Creating a platform for effective and continuous learning by offering a strong technical knowledge and skills.

M2: To motivate the students in involving academic and research activities for their career excellence and being responsible global citizens.

M3: To inculcate social, ethical and entrepreneurial values for the professional accomplishments.

About the Program

Advances in material development, cutting tool technologies and machining processes all aim towards improved productivity, quality and reduced cost. Excellent quality and productivity at reduced cost necessitates manufacturing engineers to adopt cutting edge technologies. In this direction a 3-Faculty Development Program has been organized

Objectives

- To create awareness about the green composites, and its challenges in machining.
- Laser textured cutting tools behaviour while machining hard materials.
- Cryogenic machining technique: Industry driven predictive model development.

Learning Outcomes.

On completion of this FDP, participant will be able to:

- Understand the latest and advanced inputs about materials, machining techniques and Industry driven predictive models.

Registration:

The participants are requested to register their names by filling the google form given below.

<https://forms.gle/jE3cu7votAAUvT3t7>

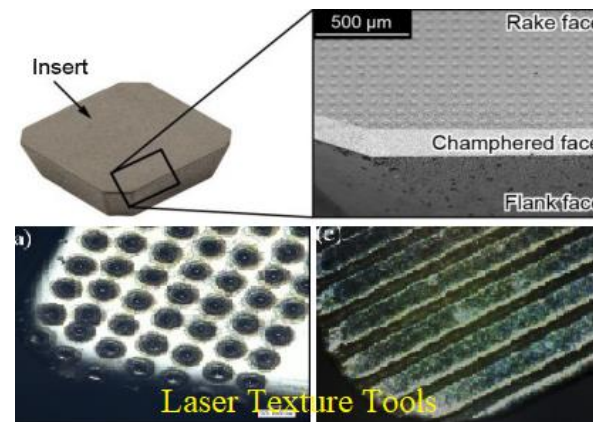
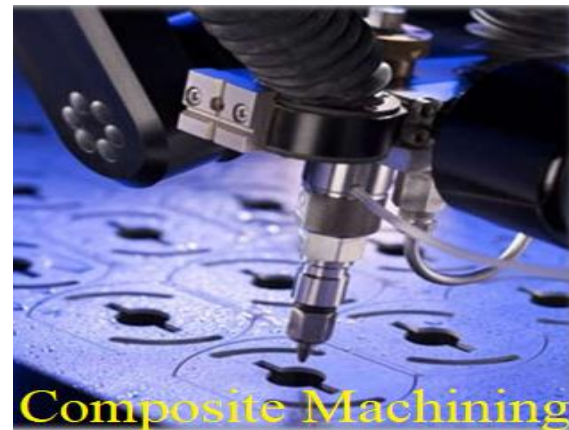
Note: There is no registration fee for participants. E certificate will be provided for those who register and attend the webinar.

Important Dates

Last date of registration: **15th June 2020**

Confirmation of participation in FDP: **16th June 2020**

Confirmation of candidates will be on first come first serve basis and limited to 200 numbers.



Contact Details

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