

1st Short Term Training Programme on “Material Characterization and Materials used for Defence/Aerospace Industrial Applications” in Hybrid Mode

08th November 2024 to 12th November 2024

Venue: National Institute of Technology, Srinagar, J&K



सत्यमेव जयते



रक्षा अनुसंधान एवं विकास संगठन

रक्षा मंत्रालय, भारत सरकार

DEFENCE RESEARCH &
DEVELOPMENT ORGANISATION

Ministry of Defence, Government of India



Organized by:

*Department of Metallurgical & Materials Engineering
National Institute of Technology, Srinagar, J&K*

&

*Department of Mechanical Engineering
National Institute of Technology, Srinagar, J&K*

In Collaboration with

*Defence Research & Development Organisation
Ministry of Defence, Government of India*

Patrons

Prof. Binod Kumar Kanaujia (Director)
National Institute of Technology Srinagar,
India

Convenor

Prof. Adnan Qayoum (Head, ME)
Dr. Mukund Dutt Sharma
Department of Mechanical Engineering
Dr. Yashwant Mehta
Metallurgical & Materials Engg., Deptt
National Institute of Technology Srinagar,
India

Chairman

Prof. (HAG) G. A. Harmain, Dean (FW)
Prof. Adnan Qayoum (Head, ME)
National Institute of Technology, Srinagar,
India
Prof. Atikur Rahman (Head, Metallurgical
& Materials Engg., Deptt)

Coordinator

Dr. Sheikh Shaheed Saleem
Dr. Mukund Dutt Sharma
Department of Mechanical Engineering
National Institute of Technology Srinagar,
India

Registration Link

<https://forms.gle/uoR29myoc3F4qbic7>

About the Institute



National Institute of Technology Srinagar, is one of the premier Educational Institutes in the Northern Region of the country. It was established in 1960 and has been one of the eighteen Regional Engineering Colleges sponsored by Govt. of India during the 2nd Plan. The Institute acquired the status of National Institute of Technology with deemed to be University status in August 2003 and attained full autonomy in its Academics.

The Institute is situated at the banks of the world-famous Dal Lake, with the famed Hazratbal Shrine on other side of the campus. The Institute has one of the best technical libraries in J&K State. It has an on-line repository of A.S.C.E, A.S.M.E, A.E.L, J.C.C.C etc. in addition to journals through INDEST-AICTE consortium. It also has a collection of ASTM standards, I.S.I codes, in the C.D-Rom format. Institute has also set up state-of-art Central Research Facility, housing high end equipment for fabrication, characterization of materials and coatings at micro and nano scale level.

About the Short Term Training Programme

Metallurgy & Materials Engineering Department and Mechanical Engineering Department, NIT Srinagar, India, in collaboration with Defence Research & Development Organisation, Ministry of Defence, Government of India is organizing a five-days Short Term Training Programm on, “Material Characterization and Materials used for Defence/Aerospace Industrial Applications”. The initiative is aimed at bringing together the researchers, scientists, technocrats and practicing engineers to discuss and address the issues related to development and characterization of smart materials and adaptive coatings for defence and aerospace industrial applications. The STTP will focus on material characterization and materials used for Defence/Aerospace Industrial Applications.

In addition to this, practical sessions will be held which will provide hands-on experience to the participants on latest equipment in the field of fabrication of CMCs, MMCs, Additive Manufacturing nano-coatings, tribology, nano-tribology and material characterization at micro and nano scale level. Eminent experts from Academia and Industry will deliver keynotes, address/plenary lectures/ expert lectures on below mentioned topics related to space tribology.

- Material Characterization
- Super Alloys
- Surface Engineering
- Tribology
- Nanomaterial Synthesis
- Fatigue
- Surface Modification Processes
- Tribological Testing & Characterization
- Additive Manufacturing

Panel of Key Note Speakers

- Shri. M. D. Upadhyay, DRDO
- Dr. S. K. Pandey, DRDO
- Dr Nomesh Kumar, Technology Adviser, DRDO HQ
- Dr. Zafir Alam, DRDO
- Dr. Deepak Das, Director, DRDO Industry Academia - Centre of Excellence, IIT Kharagpur
- Prof (Dr.) Anju Batta Sehgal
- Dr. R. J. Gandhan, IIT Madras
- Prof. Satish Kailash, IISc Bangalore
- Prof. (HAG) Rakesh Sehgal, NIT Hamirpur
- Prof. (HAG) M. F. Wani, NIT Srinagar
- Prof. (HAG) G. A. Harmain
- Prof. Sunil Mohan, IITBHU
- Prof. Inderdeep Singh, IIT Roorkee
- Prof. Atikur Rahman, NIT Srinagar
- Prof. Amit Chauhan, UIET Punjab University
- Dr. Vinod Kumar, IIT Indore
- Dr. S. Anand Kumar, IIT Jammu
- Prof. Ankush Anand, SMVDU
- Dr. Mohit Pant, NIT Hamirpur
- Dr. Mukund Dutt Sharma, NIT Srinagar

Coordinator

Dr. Mukund Dutt Sharma (NIT Srinagar, India)

Various Committees

1. Publicity and Printing Committee:
Prof. (HAG) G.A. Harmain (Chairman)
Dr. H. S. Pali
Dr. Srinibas Mishra

2. Registration and Program Arrangement Committee:
Prof. Atikur Rahman (Chairman)
Dr. Mukund Dutt Sharma

3. Accommodation Committee:
Dr. Mukund Dutt Sharma (Chairman)
Dr. Mohd. Mohsin Khan

4. Arrangement Transportation Committee:
Dr. Mohd. Hanief (Chairman)
Dr. Abhijeet Dey

5. Catering Committee:
Dr. Mukund Dutt Sharma (Chairman)
Dr. Noor Zaman Khan

6. Purchase Committee:
Dr. Sheikh Shahid Saleem (Chairman)
Dr. Mukund Dutt Sharma
Mr. Mubashir Ahmad Wani
Mr. Tauseef Jeelani

SPONSORSHIP		
Category	Charges (INR)	Benefits (+)
Platinum	200000+18% GST	Registration waiver for 4 attendees. Company logo and organization's name on Banner and website. Exhibition Space.
Diamond	150000+18% GST	Registration waiver for 3 attendees. Company logo and organization's name on Banner and website. Exhibition Space.
Gold	75000+18% GST	Registration waiver for 2 attendees. Company logo and organization's name on Banner and website. Exhibition Space.
Silver	50000+18% GST	Registration waiver for 1 attendees. Company logo and organization's name on Banner and website. Exhibition Space.

Registration Fees for Participants		Account Details	
Particulars	Online/Offline	Account name:	DIRECTOR NIT
Industry Delegates	8K/10K INR	Account No.:	0391040510000006
Indian Acad. Delegates	4K/5K INR	IFSC:	JAKA0RECSGR (Fifth Letter is Numerical Zero (0))
Indian Research Scholars	2K/3K INR	Bank Name:	J&K Bank
Accompanying Person Indian Delegates	1,500 INR	Branch:	REC, Hazratbal
		Important Dates: Offline/Online Participants	
Foreign Academic Delegates	150/250 USD	Last date for Registration: 04 th Nov., 2024 (Offline) Intimation to Shortlisted Participants: 05 th Nov., 2024 Last Date of Deposit of Registration Fee: 04 th Nov., 24	
Foreign Research Scholars	75/150 USD	Last date for Registration: 06 th Nov., 2024 (Online) Intimation to Shortlisted Participants: 07 th Nov., 2024 Last Date of Deposit of Registration Fee: 06 th Nov., 24	
Accompanying Person Foreign Delegates	100 USD	Duration of STTP: 08 th – 12 th Nov., 2024	
*Registration Fee Includes KIT and only working lunch for 5 days			

Selection Criteria:
Selections will be made on first-cum-first-serve basis and the confirmed candidates will be notified accordingly.
The maximum number of participants will be 56 (Fifty Six). *

*Seats are limited for each group/category.