

Esteemed Colleagues, Collaborators, Partners & Friends

Greetings from NIT Srinagar

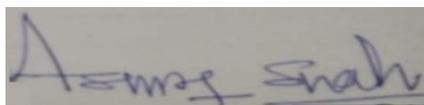
The 7th edition of biennial International Conference on **Nanotechnology for Better Living (NBL-21)** is being organized by **National Institute of Technology Srinagar** under the aegis of **Materials Research Society of India (MRSI)** in association with Anna University, SKUAST-K, NIT Mizoram, SSM College of Engineering, IIT Madras, Higher Education and many more institutions from **07-11 April, 2021**, which marks the birth anniversary of a genius microbiologist Prof. James Watson. The scientific event is expected to provide a vibrant platform to present and discuss path breaking research ideas in nanotechnologies and shall be an interface between academia and industries. The event being organized during the worst pandemic, which is our common sorrow and common pain, will mostly focus on **“Nano-Coatings and Nano-sprays for infectious and inflammatory diseases”**, nevertheless limited to- and shall be a fabulous fusion of biological, chemical, physical, natural, agricultural and engineering sciences.

There is also need to develop young minds and providing them such forums will help them to implement their thoughts and find innovative solutions for dreadful issues threatening the bold the world in this technological era. We have made arrangements for the pre-conference tutorials for our bright students who are supposed to work on innovative projects in their final year as envisaged in New Education Policy. We are proud and privileged to mention that an Indian origin schoolgirl aged 11 has been honoured as "America's top young scientist" for inventing a quick, low-cost test to detect lead-contaminated water, using **carbon nanotubes**”, is an inspiration for all of us. Likely, Anika recently takes home top prize for developing a novel antiviral drug to combat the spread of **COVID-19** by researching protein spikes in coronavirus. Thus, a dedicated session, **“Seeding Nanoscience to Young Minds”** shall be conducted during the summit, thus handing over this multidisciplinary science to young generation, of which Einstein have also made mention.

We are optimistic and hopeful to have relief from the wide spread of SARS-COV-2 (Covid-19) in coming summer; the event will be held off-line in SKUAST, Shalimar Kashmir (Lap of Zabarwan Hills, on the Bank of Dal Lake), though zoom option can't be ruled out at this preliminary stage. The dates coincide with the blossom of Tulip flowers in Kashmir and we are confident that many stalwarts of Nanosciences may join us during the programme and provide a interdisciplinary platform in this paradise. It is pertinent to mention that the event is being organized in the backdrop of **NBL series**, which were marvelous and memorable joint event between IIT Kanpur/IIT Kharagpur under the Co-chair of Prof. Kamal K Kar, Prof. Pallab Banerji and Prof. R Mukherjee, wherein the gathering of more than 300 scientists were registered in each event and their partisanship will continue. Please do join us with families and friends!

I am attaching a brochure of the scientific event; the necessary details are mentioned in brief and deadline has been fixed as **30th December 2020 for Extended Abstract Submission** (one page with schematic diagram/graphical abstract). Shall you have any questions, please do not hesitate to drop a mail at shahji@nitsri.ac.in and never hang back to reach me through my hand Set:- +91-9419018195. I look forward for your kind co-operation in forwarding this information to your colleagues, students and friends for wide circulation and for participation thereof in this sacred place of saints.

With very best regards



Dr. M. A. Shah

Convener, ICNBL-21/ PI-Nano-Mission Project

Beyond the crises:

The Partner States (Jammu & Kashmir-Tamil Nadu), announces Research Convention 2021



NIT Srinagar



MRSI



H.E (J&K)



Anna Uni



SSM



NIT Mizoram



SKUAST-K



IITM



Central & UT

7th Edition of International Conference on "Nanotechnology for Better Living" NBL-2021

"Nano-coatings and Nano-sprays for Infectious and Inflammatory diseases"

NBL-2021

From: 7 - 11th April, 2021

Abstract Submission: Open



NBL-21: The 7th edition of biennial International Conference on Nanotechnology for Better Living (NBL-21) is being organized by NIT Srinagar (J&K) in association with the prestigious institutions is expected to provide a common platform to present and discuss path breaking research ideas and applications of nanomaterials for the societal needs.

Preamble: In 21st Century, despite being the era of revolution in medical sciences, infectious and inflammatory diseases are threatening human survival, as the world is witnessing Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2), the virus which causes COVID-19 disease. Among many scientific solutions, commonly used surfaces can be coated with nano-paints and nano-sprays making them anti infectious and anti bacterial. From the last one decade or so, nanotechnologies are extending territory of research in many areas including of health sciences. Smart coatings with nanomaterials shall have functions like self healing, self cleaning and thermal insulation. Reports reveal that the crown shaped virus (COVID-19) is so strong that it is capable of lingering on surfaces including on human skin for hours to days, likely contributes to the transmission of virus, making cloud formation, threatening the humanity in this bold scientific world. Physicists, Biologists and Chemists need to join hand to find amicable solutions to the issues which the world is confronting in terms of energy, environment, medicine, food, water and shelter.

Seeding Nanoscience in Young Bright Minds

Bright Students in the age group of 15-21 nominated by the heads of the Institutions will have an interactive session with eminent scientists, thereby handing over this new science to new generation.



Conference Secretariat

Mr. Jaffar/Mr. Mudasir

Mr. Nikhilesh / Miss Surbhi

E.mail: icnbl21@nitsri.ac.in/icnbl21@gmail.com

www.nitsri.ac.in/www.shahnit.org/www.icnbl.org

Event Spectrum

- 10 Plenary talks of distinguished scientists.
- 20 Key note addresses on Nanotechnology
- 50 Invited talks from world renowned academicians
- Special sessions of DRDO/DAE/CSIR/INSA/DST
- Panel discussion with stalwarts
- Exhibition on world approved products /equipments
- Young Scientists Meet / Young Innovators Meet
- Special session for Women's /Girls
- U.G/P.G Students Sessions with Nano-People
- Opportunity for Research Collaboration/ For MOUs
- Awards (Young Researcher/Young Scientist/)

Conference Focus - Nano - Coatings

Advanced Nano-Materials | Functional Biomaterials Energy & Environment | Nanocomposites | Global Connect Nano Fabrication | Health care & Medicine | Devices & Sensors | Nano Medicine | Storage & Solar cells | applications | Innovations

Pre-conference Tutorials-Inspiratio

In this cutting edge technologies, a dedicated day for pre-conference tutorials will enhance the skills and offer a quite yet inclusive grasp of latest trends and opportunities in this cutting edge technologies. An excellent programme for students who have recently graduated with a bachelor's degree in science and engineering /doctorial students/post doctoral students, with a focus on this frontier research area & corporate who seeks a deeper understanding of this versatile area. **Register Now!**

Delegate Registration Tariff

Category	P.G Students/ Research Scholars	Academia/ R & D Institute/ Laboratories	Industries/Business Class/Manufacturer Of equipments	Accompanying Person
Date	Upto 30th Dec 2020	Upto 30th Dec 2020	Upto 30th Dec 2020	Upto 30th Dec 2020
Currency	₹ \$	₹ \$	₹ \$	₹ \$
Amount	1000 100	3000 300	5,000 500	1000 100

Note: After 30th December, 2021, 25% shall be charged extra on all categories.

Accommodation & Transport:

Paid accomodation would be arranged on request in the vicinity of the venue. For detailed information, please contact conference chair / convener - shahji@nitsri.ic.in

For more information Please visit:

www.nitsri.ac.in/www.shahnit.org/www.icnbl.org

In Association with: IIT's, NIT's Central & State Universities, Central & State Govt. funding agencies, Industries & Leading Manufacturers .

*O LORD, WE COME THIS MORNING
BEFORE THY THRONE OF GRACE*

*KNEE-BOWED AND BODY-BENT
O LORD—THIS MORNING—*