



Department of  
Electronics, IT, Bt and S&T

# BENGALURU INDIA NANO

March 7-9 2022



## NANOTECH FOR SUSTAINABLE FUTURE



VIRTUAL EVENT

Organisers

INNOVATE  
KARNATAKA



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[www.bengaluruindianano.in](http://www.bengaluruindianano.in)



# 12<sup>TH</sup> EDITION

**BENGALURU INDIA NANO**, India's flagship Nanotech event, aims at fostering a dynamic environment for exploring entrepreneurship opportunities and strengthening research collaborations in Nanoscience and Nanotechnology. The event is organised by the **Department of Electronics, Information Technology, Biotechnology and Science & Technology, Government of Karnataka** in association with **Karnataka's Vision Group on Nanotechnology**.

The Event, organised since 2007, has been receiving tremendous response from Research, Academia and Industry as a platform to share innovations in the field with a wide audience, promote knowledge exchange, and network for opportunities in the area of Nanotechnology. In fact, Bengaluru INDIA NANO is today on the radar of many countries as an ideal environment to develop new collaborations and share expertise on fundamentals, applications, and products with the Indian Nanotech fraternity.

The 12th edition of **BENGALURU INDIA NANO** conference is scheduled in Virtual Format on **7th - 8th March** and **Tutorials on 9th March 2022**. The focal theme of the event is "**Nanotech for Sustainable Future**" and the forthcoming edition is all about the journey from innovative research to successful translation from the lab to business and industry.

The Event is expected to have significant participation from Entrepreneurs, Startups, Chief Scientific Officers, Policy Makers, Business leaders, Institute Heads, Scientists, Chemists, Advisors from Industry, Governments and Research Institutions. This integrated Nanotechnology event will be the place for you to show and grow your Nanotechnology initiatives.

## EVENT SPECTRUM

Multi Track Conference

Plenary Talks

Tutorials

Nano for the Young Programme

Exhibition

Start-Up Pavilion

Awards

Nanosparx Start-Up Pitching

Nanotech Quiz

Posters- Walk Way of Discovery



## BENGALURU INDIA NANO 2022 HIGHLIGHTS



60+  
SPEAKERS



700+  
DELEGATES



10+  
COUNTRIES



50+  
EXHIBITORS



175+  
POSTERS



3500+  
ATTENDEES



## MULTI-TRACK CONFERENCE

The Conference will bring together prominent Scientists and Technopreneurs who are at the forefront of this field to talk about the multiple areas of current and future applications in Nanotechnology. The current edition will encompass one day of Tutorials and two days of Conference with presentations, discussions & interactive networking activities; a platform for multi-disciplinary communication, new co-operations to the participants from both Science & Industry.

Over 60 world class speakers from leading industry and research institutes will address the conference which is attended by over 750 delegates across India. The two day Virtual conference will be a perfect platform to get deeper insights into emerging trends in various science and technology which will shape the future of many Industry.

## TUTORIALS

A well-received component of the event, the Post-Conference Tutorials offers quick and inclusive grasp of cutting-edge Nanotechnology to the Delegates to develop higher skills in their respective areas.

Nanoscience is not an industry into itself, but a science of many avenues of application offering possibilities that could redefine the direction of several industry sectors. If you have recently graduated with a Bachelor Degree in Science or Engineering / if you are a Doctoral Student / a Post-Doctoral Researcher, with a focus in this frontier research area, the Nanotechnology Post-Conference Tutorials will be an excellent opportunity to get insights on the latest trends and discoveries in the Nanotech Sector.

## NANO FOR THE YOUNG PROGRAMME

A special popular programme 'Nano for the Young' is organized concurrent to the event. Graduate Students from across India will be given an opportunity to listen to leading experts.

The panel of experts will share with the Students the key aspects of Nanotechnology and the excitement that lies in Nanotech Research.

## NANOTECH QUIZ

Bengaluru INDIA NANO will host National Level Quiz on Nanotechnology - "Nanotech Quiz". The objective of the Quiz is to create awareness about the fascinating world of Nanotechnology amongst students at the grassroots level, keeping them abreast of the latest developments in the world of Nanotechnology.

## PROGRAMME AT A GLANCE

DAY 1		CONFERENCE PROGRAMME		MONDAY 7 <sup>TH</sup> MARCH 2022
10:00 am - 11:00 am		Inauguration		
11:15 am - 12:00 noon		Plenary Lecture - I		
12:10 pm - 12:55 pm		Plenary Lecture - II		
12:55 pm - 1:30 pm		Lunch Break and Visit to Virtual Expo & Poster		
01:30 pm - 03:00 pm		Nano in Hydrogen Economy	Nano in Medicine	Semiconductor Manufacturing
03:10 pm - 4:40 pm		Nano in Electronics	Nano in Manufacturing	Nano in Medicine
04:50 pm - 5:20 pm		Nano Excellence & Poster Awards		

DAY 2		CONFERENCE PROGRAMME		TUESDAY 8 <sup>TH</sup> MARCH 2022
10:45 am - 10:45 am		Plenary Lecture - III		
10:55 am - 11:40 am		Plenary Lecture - IV		
11:50 am - 01:20 pm		Nano for the Young	Nano in Food and Agriculture	Focus on Funding
01:20 pm - 1:50 pm		Lunch Break and Visit to Virtual Expo & Poster		
01:50 pm - 03:20 pm		Nano in Textile	Nano Photonics	NanoSparX Startup Pitching
03:30 pm - 05:00 pm		Nanotech Quiz		
05:10 pm - 05:40 pm		Valedictory		

DAY 3		CONFERENCE TUTORIALS		WEDNESDAY 9 <sup>TH</sup> MARCH 2022
10:45 am - 11:15 am		Tutorial 1 - Nano Fabrication		
11:25 am - 12:40 pm		Tutorial 2 - Bottom-up Synthesis		
12:50 pm - 01:20 pm		Lunch Break and Visit to Virtual Expo & Poster		
01:20 pm - 02:35 pm		Tutorial 3 - Characterization Tools		
02:45 pm - 04:00 pm		Tutorial 4 - Nano Biology		

## DELEGATE REGISTRATION TARIFF

DELEGATE CATEGORY	TARIFF	
	Upto Feb 15th	16TH Feb onward*
Indian Delegates	Free	INR 1000
International Delegates	Free	USD 100

\*18% of GST Applicable on above mentioned tariff



## STARTUP ZONE

The Bengaluru INDIA NANO provides several opportunities for startups and emerging companies. Innovation Zone (Startup Pavilion) is designed to provide the perfect opportunity to interact with entrepreneurs, angel investors, venture capitalists, mentors and accelerators and win a chance to showcase your innovative ideas to global audience.

## POSTER - WALKWAY OF DISCOVERY

A unique opportunity for Young Scientists & Researchers to share their Innovations and Research in Nano- science and Nanotechnology with Industry, Research Institutes and Vcs.

Best Posters will be recognised during Nano Excellence Awards Function.

Registration fee Rs. 1000 plus 18% GST

## EXHIBITION

The Product & Technology Exhibition will offer opportunities to various industries to showcase their unique technologies, products and services. It will be an ideal platform for Corporates, Research Labs, Start-Ups, PSUs and Educational Institutes.

## SPECIAL PAVILIONS

DST Nano Mission Pavilion and Institutes of National Importance Pavilion will showcase cutting edge research and initiatives in the field of Nanoscience and Nanotechnology from the DST Nano Mission and India's premium research institutes like IITs, NITs, and other reputed universities.

## NANOEXCELLENCE AWARDS

The Nano Excellence Awards offered individuals and companies with a platform that showcased their contribution and value addition in the field of Nano Science and Nanotechnology.

Nano Awards will be presented as follows:

- Prof. C.N.R. Rao Bengaluru INDIA NANO Science Award
- Bengaluru INDIA NANO Innovation Award
- Karnataka DST Nanoscience Fellowships
- Best Poster Awards

## NANOSPARK STARTUP PITCHING

Bengaluru INDIA NANO is intended to identify top innovative start-ups from the Nanoscience/ Nanotechnology field who would be given chance to pitch/present their innovative ideas. [Ideas should be evident that Nanotechnology is an important part of the product/technology/services]. This is the right platform to start-ups to present their business ideas with an excellent gathering of Industry captains, Research Heads, Policy makers, VC's and start-ups from India and leading countries.

## SPONSORSHIP

We have a range of sponsorship opportunities to maximize the organization's exposure to key stakeholders. Sponsors will receive acknowledgements, benefits and entitlements according to their level of sponsorship.



Event Lead Support



**K-tech**



Department of Science & Technology  
*Nano Mission*

Association Partners



### BENGALURU INDIA NANO SECRETARIAT

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