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Nanotechnology to be new sunrise industry in India

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Bengaluru gets ready for the 11th Edition of Bengaluru INDIA NANO 2020



The 11th edition of Bengaluru India Nano, one of the front running events of the Department of IT, BT and S&T, Government of Karnataka will be held on 2nd and 3rd March 2020 with tutorials on 4th March at The Lalit Ashok, Bengaluru.

This year's theme is 'New Dimensions in Nanoscience and Nanotechnology for Industry 4.0'. The event is being held in association with Karnataka's Vision Group on Nanotechnology, chaired by Prof. C.N.R. Rao, FRS, National Research Professor; Linu Pauling Research Professor & Honorary President, Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR).

Bengaluru India Nano offers an unparalleled opportunity for business networking and for knowledge sharing in the exciting field of Nanotechnology and it has now evolved as the leading and most sought-after international Nanotech event in India.

Delivering the keynote address at the curtain raiser event recently in Bengaluru, Dr. C N Ashwath Narayan, Deputy Chief Minister, Minister for IT, BT and S&T and Minister for higher education and medical education, Government of Karnataka, said, "The focal theme of the 11th Bengaluru India Nano – 'New Dimensions in Nanoscience and Nanotechnology for Industry 4.0'; has been aptly chosen by the Vision Group on Nanotechnology led by Bharat Ratna Prof. C N R Rao. Bengaluru India Nano has always been receiving tremendous response from Research, Academia and Industry and is today on the radar of many countries for connecting with who's who of the Indian Nanotech fraternity. I foresee that nanotechnology will provide a window of opportunity to apply technology applications in medicine, health care, energy, electronics, information technology, biotechnology, and so on, besides forging economic growth of the nation. Our Government will extend all possible help and support for the growth of this new sunrise industry in the State."

Bengaluru India Nano will discuss a range of issues pertaining to Research, Technology Development, Skills Requirement, Institutions Involved, Risks Issues, Regulatory & Governance Structure, Investment and Collaborations between R&D, Academia & Industry. The event is expected to have significant participation from Chief Scientific Officers, Chief Technology Officers, Policy Makers, Scientists, Chemists, Research Leaders ,Fellows , Advisors from Industry, Venture capitalists, Governments and Research Institutions.

Dr. E V Ramana Reddy, Additional Chief Secretary, Department of IT, BT and S&T and Department of Urban Development, said, "It is predicted that this emerging technology is expected to become a greater economic force than any other technologies in the years to come. The global market for Nanotechnology is projected to reach $125.70 billion by 2024, driven by growing R&D efforts directed at enabling the development of nanotech-based products and solutions in diverse industries. Nanotechnology will have a broad and fundamental impact on nearly all sectors of the global economy namely electronics, energy, healthcare, consumer goods, defense, automotive, water purification and agriculture among others.

Prof. C N R Rao, FRS, National Research Professor; Linus Pauling Research Professor & Honorary President, Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR) said, "The Nano Technology space has been growing at a tremendous pace in the recent past. Nanotechnology is today being used across various industries including manufacturing, automotive and healthcare. In fact maximum benefit of nanotechnology has come from Nanomedicine. This presents us with a huge opportunity for research in Nanotechnology in areas such as healthcare and energy. There is also a big opportunity for research in Nanotechnology in the area of pollution in Bengaluru city. I'm sure we can come with some solution using Nanotechnology."

The 11th edition of Bengaluru INDIA NANO event spectrum includes Multi-Track Conference, International Exhibition, Research Industry Collaboration Hub (RICH), Nan SparX, Nano Excellence Awards, Poster – Walkway of Discovery, B2B partnering and Pre-Conference Tutorials. Over 800 delegates from organizations across the world, over 50 speakers will be participating in the event that includes pre-conference tutorials as well as Plenary and Keynote presentations and brainstorming deliberations along with networking. The International exhibition at Bengaluru INDIA NANO will offer opportunities to various industries to showcase their unique technologies, products and services. It will be an ideal platform for R&D Institutes, corporates, PSUs, Start-ups and educational institutions. DST Nano mission will bring together companies with innovative products and technologies in their pavilion. Other participants in exhibition will include Leading R&D Institutes, Instrumentation Manufacturers & Suppliers, Nano Based Product Companies, DST Nano Mission, Institutions of National Importance, Karnataka Education Pavilion, States of India Start-Ups and Financial Institutions etc.

Nano Excellence Awards for outstanding contribution will be presented in the following categories: Prof. C N Rao Bengaluru India Nano Science Award, Bengaluru INDIA NANO Innovation Award, Malhotra Weikfield Foundation Awards, Nano Science Fellowship Awards, Karnataka DST Nanoscience Fellowships Awards, Nano Sparx, Best Exhibitor and Best Poster Award.

Bengaluru India Nano 2020 will focus largely on Nano in Energy for E-mobility, Nano in Agriculture, Nano for Clean Water and Environment and Nano in Manufacturing.

Photo Caption : L-R Jagdish Patankar, Executive Chairman, MMACTIV, Dr. E V Ramana Reddy, Additional Chief Secretary, Dept. of IT, BT and ST, Government of Karnataka, Dr. Ashwath Narayan, Dy. Chief Minister and Minister for IT, BT and ST, Prof. C N R Rao, RS, National Research Professor; Linus Pauling Research Professor & Honorary President, Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR, Prof. Ajay Sood, FRS, Chair professor, Department of Physics, IISC Bangalore and Dr. H Honne Gowda, MD, Karnataka Science and Technology Promotion Society (KSTePS)