BioSpectrum the business of Bio & Health Sciences

Nanotech to detect environmental pollutants

10 December 2014 | News | By BioSpectrum Bureau

Nanotech to detect environmental pollutants

"The bionanocomposite materials can be integrated in diagnostic platforms for the detection of pesticides and toxins in real environmental samples and further they are having verstaile application son clinical diagnosis," said Dr Priyanka, scientist "C" at the Institute of Nano Science and Technology, Mohali and one of the speakers at the 7th Bangalore India Nano. The three-day event was held from Dec 4-6 2014 at Bangalore, which is also touted as nano capital of the world.

Dr Priyanka is currently working on developing nano-bio probe mediated low cost diagnostic platforms for clinical and environment pollutants.

Many renowned national and international speakers delivered keynote lectures at the conference highlighting its application in various fields like medicine, devices and sensors, advanced materials, automanufacturing etc.

"Medical devices, regenerative medicines, drug delivery and medical implants are some of the areas where nanoscience has find its applications in healthcare," said Dr Shantikumar V Nair, dean of Research, Amrita Vishwa Vidyapeetham University and director of the Amrita Center for Nanoscience and Molecular Medicine. He was felicitated with the Prof. CNR Rao Bangalore India Nano Science Award 2014 at the event for his outstanding contribution for the growth of nanotechnology in the country.

"Nanotech in the sunrise sector nanotech holds a great promise for many of the daunting problem that the mankind is facing. Our government will ensure single window clearance for nanotech industry on the lines of other industries," said Mr SR Patil, minister of IT&BT, government of Karnataka at the inaugural function.