

SSES Amt's Science College, Congress Nagar, Nagpur

Guest Lecture on Nano-science and Nano-technology

Session 2017-18





24th Feb.2018, Nagpur: “Nanomaterials have extensive technological applications right from their use in day-to- day devices to treatment of cancers extending upto space programme” said Dr. S. B. Kondawar, Professor at the Post Graduate Department of Physics of Nagpur University, while addressing the post graduate students at Shri Shivaji Science College Nagpur. He was speaking as an invited guest under the auspices of Physics Society at the Department of Physics. The programme started with the welcome address by Dr. S. W. Anwane, Head, Department of Physics. Prof. Ms. Neha Khotele conducted the programme while Dr. S. S. Darokar proposed the vote of thanks.

In his deliberations Dr. S. B. Kondawar explained the existence of nano-fibers in nature and laboratory methodologies to prepare quantum dots and nano fibers and emerging synthesis methods. He explained how physical and chemical properties undergo magnificent changes over its bulk properties due to its nano-form. He also explained the SEM characterization method for analyzing nano-fibers followed by how these nano materials have technological use in gas sensors, energy devices, cosmetics, diagnostics and therapeutic practices especially in treating cancer.

The programme was attended in large numbers by the PG and research students as well as faculty. The office bearers of the Physics Society Aishwarya Gupta, Vivek Gupta, Nishant Dhakulkar, Hitesh Algamwar and Ms Rupal Raut worked hard for success of the programme