

Special talk on science and technology of currency manufacturing

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PUNE: The Exciting Science Group (ESG) has announced a special talk on science and technology of currency manufacturing as part of the Popular Science Talks series on December 11 at 10 am at the Venture Center, NCL Innovation Park, Pashan. This talk will focus on the manufacturing and security features. A statement issued by ESG said that, the currency manufacturing and related technologies combine principles of chemical and materials sciences and engineering in very interesting ways to ensure a durable product that is difficult to counterfeit.

Students will learn about both paper and plastic currency notes and their manufacturing processes. They will also learn about the printing process, inks and security features like colour changing inks, fluorescent fibers, threads and many others. The statement further added, currency notes are on constantly on everyone's mind due to the demonetization exercise, but how exactly are currency notes made and what is the technology that goes into making notes? A group of scientists from the CSIR-National Chemical Laboratory have been advising and collaborating with the Reserve Bank of India for several years.

The ESG, Venture Center, a volunteer group of scientists from CSIR-NCL and IISER-Pune organizes regular programmes to bring the joy and excitement of scientific research to school students. One such programme is the Popular Science Talks which are organized to allow school students to interact with eminent practising researchers. Pre-registration is necessary for all the events, details of which can be obtained from the ESG website : www.excitingscience.org.