

Scientist explains colours, art conservation to students



GOOD LEARNING: Sakya S Sen, scientist at CSIR - National Chemical Laboratory conducting the workshop for students at the NCL Innovation Park.

ST CORRESPONDENT
reporters@sakaaltimes.com

Pune: Students from various schools were engrossed in an informative talk about factors related to colours, arts and chemistry by Sakya S Sen, a scientist from CSIR - National Chemical Laboratory at NCL innovation park on Sunday.

The programme was organised as part of the Popular Science Talks by the Exciting Science Group (ESG), a volunteer group of scientists from CSIR-NCL and Indian Institute of Science Education and Research (IISER)

Pune. More than 150 students from various schools took part in the programme.

Sen explained all the basic concepts related to colours, including what is colour, complementary colour, co-

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lour perception and more. Sen also explained the difference between the vision of birds, human and other animals through various examples.

An art conservation session was also part of the programme. It covered

factors which affect art and how to conserve it with the help of various techniques. He said that atmospheric oxygen, temperature and humidity changes, air pollution and exposure to light affects the art. Art conservation involves cleaning the work, analysing the work for damage, restoring the damaged areas and preserving the original.

He explained how chemicals help police, forensic investigators to identify fingerprints, blood stains at the crime scene. In a later segment he explained different types of paints including pigments, media and diluents.