

News & Events

Report on the IPA DAE - C. V. Raman lecture at Pune

The IPADAE – C. V. Raman lecture was delivered by Prof. Sulabha Kulkarni, Visiting Faculty, IISER, Pune under the auspices of IPA Pune Chapter. Prof. Sulabha Kulkarni delivered a lecture on “Smart and Beautiful Materials” at Nowrosjee Wadia College Pune on 22nd Feb. 2018. She enlightened the graduate students by highlighting glamour of materials science and their applications in day-to-day life. The lecture was full of audio-video clips which attracted and ignited young minds.

Prof. S . D. Dhole, President, IPA, Pune chapter, Dr V L Mathe, Secretary, IPA Pune chapter, Dr. L. M. Chaudhari, Coordinator of the C. V. Raman lecture, were present for the lecture. About 150 young graduate students attended the lecture.



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Report on IPA DAE - C. V. Raman Lecture at Thiruvananthapuram

Prof. C. S. Narayanamurthy, Dept of Physics, IIST, Thiruvananthapuram delivered the IPA DAE - C. V. Raman Lecture on Universal Interferometer. The lecture was held at seminar Hall, IIST on 27th April 2018. Prof. Narayanamurthy has more than 30 years of experience in the area of optics and interferometry research.

The lecture on Universal Interferometer by Prof. Murthy was attended by undergraduate, post graduate students and teachers from various disciplines in IIST and other academic institutions like IISER, Trivandrum, Kerala University, Calicut University, etc. Deans and faculty members from IIST were also amongst audience. The lecture described the fundamental idea of interferometry

in a very unique way. Following the introduction the lecture focused on the Michelson Interferometer and its tremendous application potentialities in all areas of classical optics. Starting from measuring coherence length of laser sources to measure the higher order aberrations. From the discussion on utility of Michelson Interferometer in optical testing, the lecture expanded to its application potentialities to a range of applications including holography and adaptive optics, thus making Michelson interferometer an Universal Interferometer. The lecture was followed by an extended interaction with students.

Dr. Umesh Kadhane, Dept. of Physics, IIST, Valiamala