Invited talk on “Celebrating Optical Tweezers and Ultra-short, ultra-intense LASERS”

Date: 02-02-2019	Participants: 150
Prof. B. N. Jagtap, Department of Physics, IIT Mumbai, Mumbai	

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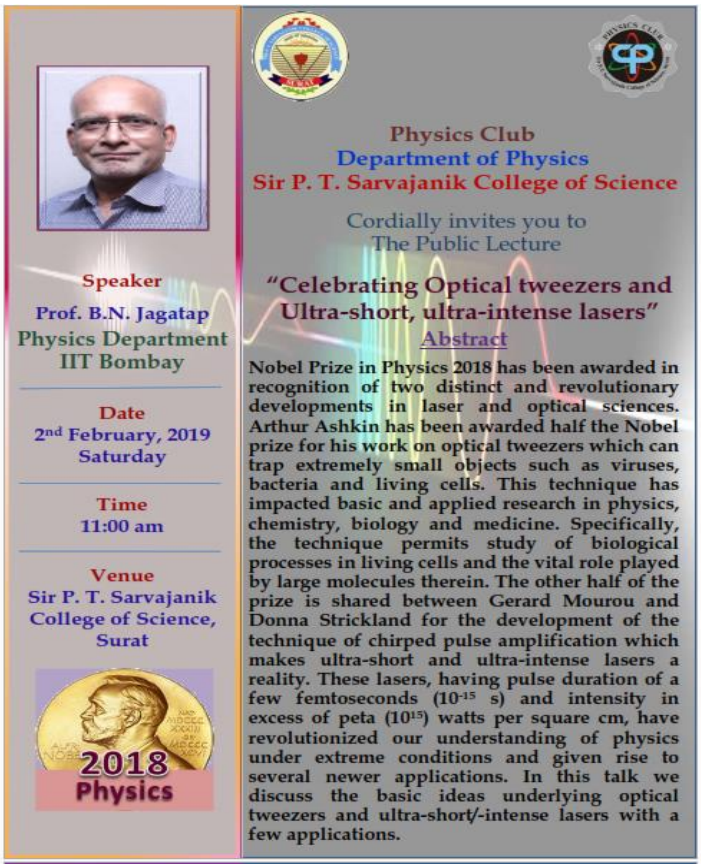

Brief Report:

There are a few instances when Nobel Prize in Physics is given for the work in the field of Optics and the year 2018 was one of them. Prof. B. N. Jagtap in his talk discussed how the technique of optical tweezer helps to trap the microorganisms, and how the so-called isolated branches to science, Physics, Chemistry and Biology come to a single platform at the micro-level. The other half of the Nobel Prize work was on the technique of producing ultra-short, ultra-intense LASERS. It helps understand the physics of the materials under extreme conditions. The talk was followed by a question-answer session.