



Introductory Talks by New Researchers @ BioSyM 10 Oct 2016 – 19 Dec 2016

Development of a Miniature Laser Induced Autofluorescence set up for *in vivo* Tissue Spectroscopy

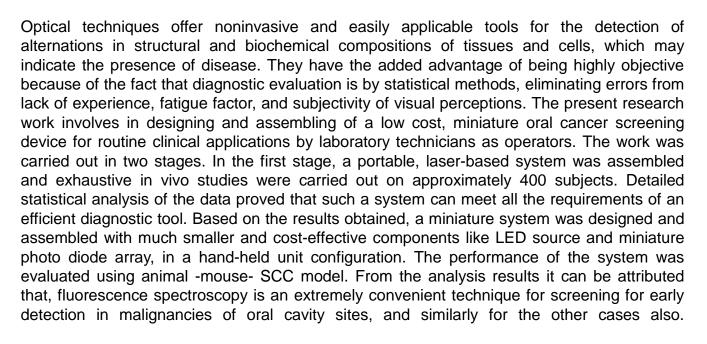
Dr. Ajeetkumar Patil

Date: 19th December 2016, Monday

Time: 12 pm to 1 pm

Venue: Perseverance Room, Enterprise Level 5

Abstract



Short Biography

proteomics related areas.

Dr. Ajeetkumar initially earned his B.Sc. and M.Sc. in Physics from Karnatak University of Dharwad (KUD). He subsequently obtained his Ph.D. in Physics from Manipal University. Dr. Ajeetkumar is an Assistant Professor at Department of Atomic and Molecular Physics, Manipal and serving as a Faculty Adviser for SPIE Manipal University Chapter, Manipal, India. He received Young Scientist Award in the year 2014 from Vision Group on Science and Technology, India. In August 2016, he joined as a Postdoctoral Associate at BioSyM, Singapore-MIT Alliance for Research and Technology (SMART) in Peter So's group. In this capacity, he is exploring imaging tools for liver cells as well as understanding in vivo mechanisms of mice muscle regeneration. Dr.Ajeetkumar has interests in pursuing research in developing molecular, cellular and tissue level diagnostic tools for the early diagnosis of diseases. He has worked in fluorescence spectroscopy, optical microscopy, and LC based