



**S N BOSE NATIONAL CENTRE
FOR BASIC SCIENCES**

Block JD, Sector III, Salt Lake, Kolkata 700 106

DEPARTMENTAL SEMINAR

Department of Astrophysics and High Energy Physics

13th April,2023

11.30AM

ONLINE/ FERMION

SPEAKER

**Prof. M. Sivakumar,
Professor, School of Physics
University of Hyderabad**

TITLE OF THE TALK

How effective, field theory is?

ABSTRACT

The talk will begin with the scope of physical theories and go into how the "field" concept emerged historically. It will dwell upon what relativistic quantum field theory buys us even at the kinematic level and also the success of the specific theories. Finally, we go into a change in the perspective on what quantum field theory is, as an effective field theory.

HOST FACULTY

Dr. S. Gangopadhyay, Associate Professor
Dept. of ASTROPHYSICS AND HIGH ENERGY PHYSICS
