

TEACHING EXPERIENCE

PARTHA MUKHOPADHYAY



June 28, 2025

OPEN ACCESS COURSE INITIATIVE

Quantum Field Theory in Path Integral Approach I

May 2023 - Present

Graduate Level

- Weekly structured lectures on [YouTube](#)
- Chapter-wise presentation on [Enabla](#)
- Weekly Q&A sessions over Zoom (registration through [Telegram](#))

ONLINE COURSES

Quantum Field Theory II

January – May 2022

Graduate Level

- Offered to selected students from academic institutions across India.
- Teaching through prerecorded lectures.
- Weekly online Q&A sessions over Zoom.

COURSES AT THE INSTITUTE OF MATHEMATICAL SCIENCES (IMSc)

Graduate Courses

PhD course work

Quantum Field Theory II

January – May 2024

Quantum Field Theory II

January – May 2023

General Relativity and Cosmology

January – May 2020

Classical Mechanics

August – December 2018

General Relativity and Cosmology

January – May 2018

Quantum Field Theory II

January – May 2017

Quantum Mechanics I

August – December 2015

Quantum Mechanics II

January – May 2014

Quantum Mechanics II

January – May 2012

Advanced Courses

Special course for advanced PhD students and postdocs

Dynamics of Extended Body in General Relativity

August – December 2019

Introduction to Bosonic String Theory

August – December 2010

OTHER COURSES

General Theory of Relativity (12 lectures)

September – October 2012

Graduate Level

Preparatory School for Theoretical High Energy Physics

Science & Engineering Research Council, Government of India

North Bengal University

Darjeeling WB India

AST 192: Stars, Galaxies and the Universe

August - December 2007

Undergraduate Level

University of Kentucky

Lexington KY USA

Selected topics in Physics

March 2000

High School Level

Harish-Chandra Research Institute

Prayagraj UP India

TEACHING ASSISTANTSHIPS

General Physics

September 2001 – May 2002

Undergraduate Level

Pennsylvania State University

University Park PA USA

Quantum Field Theory

January - May 1999

Graduate Level

Harish-Chandra Research Institute

Prayagraj UP India