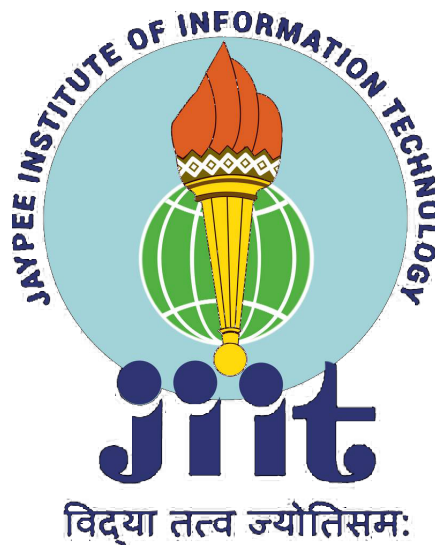


Jaypee Institute of Information Technology, Sector - 62, Noida

B.Tech CSE I Semester



Physics PBL Report Einstein's General Relativity

Submitted to
Dr. Sandeep Mishra

Submitted by

Harsh Sharma 2401030232

Karvy Singh 2401030234

Letter of Transmittal

Dr. Sandeep Mishra

Department of Physics and Materials Science and Engineering

Subject: Submission of Report on “Einstein’s General Relativity”

Dear Dr. Sandeep Mishra,

We are pleased to submit our report titled “*Einstein’s General Relativity*” as part of our coursework. This report explores the mathematical foundations of harmonic oscillators, focusing on differential equations and their applications in modeling simple harmonic motion, damped harmonic motion, and electrical analogs like RLC circuits.

We have endeavored to cover the theoretical aspects comprehensively and hope that this report meets your expectations.

Thank you for your guidance and the opportunity to work on this project.

Sincerely,

Harsh Sharma (2401030232)

Karvy Singh (2401030234)

Date: November 29, 2024

Contents