



COMPUTATIONAL METHODS FOR PHYSICS

Title	Computational methods for physics- Scilab
Date of Event(s)	May- June 2024
Department/Association/ Cell/Committee	Science (Physics)
Venue (Mention the platform if it is online)	Maths Lab
Number of Participants	11
Target Audience	B.Sc. Physics students
Event Coordinator	Ms. Sonima Mohan and Ms. Umamaheswari Uppuluri

The objective of the Program: Equip students for utilizing computational techniques in physics lab.

Report:

Computational skills are very important in the day-to-day research. To solve complex problems one can adopt simulation techniques. To upskill students with a knowledge of programming skills which are crucial for modern Physicists, Skill development course on computational methods for Physics- Scilab is conducted. Course planned as

- Introduction to computational methods and scilab,
- Simple math calculations using Scilab
- Problem solving methodology
- Eigen functions and eigen values in real life applications,
- Linear harmonic oscillator
- Determination of eigen functions and eigen values using scilab

The outcome of the program:

Critical thinking and problem-solving skills in students to enhance subject knowledge.

Report Prepared by:
(Event Coordinator)

Umamaheswari.U



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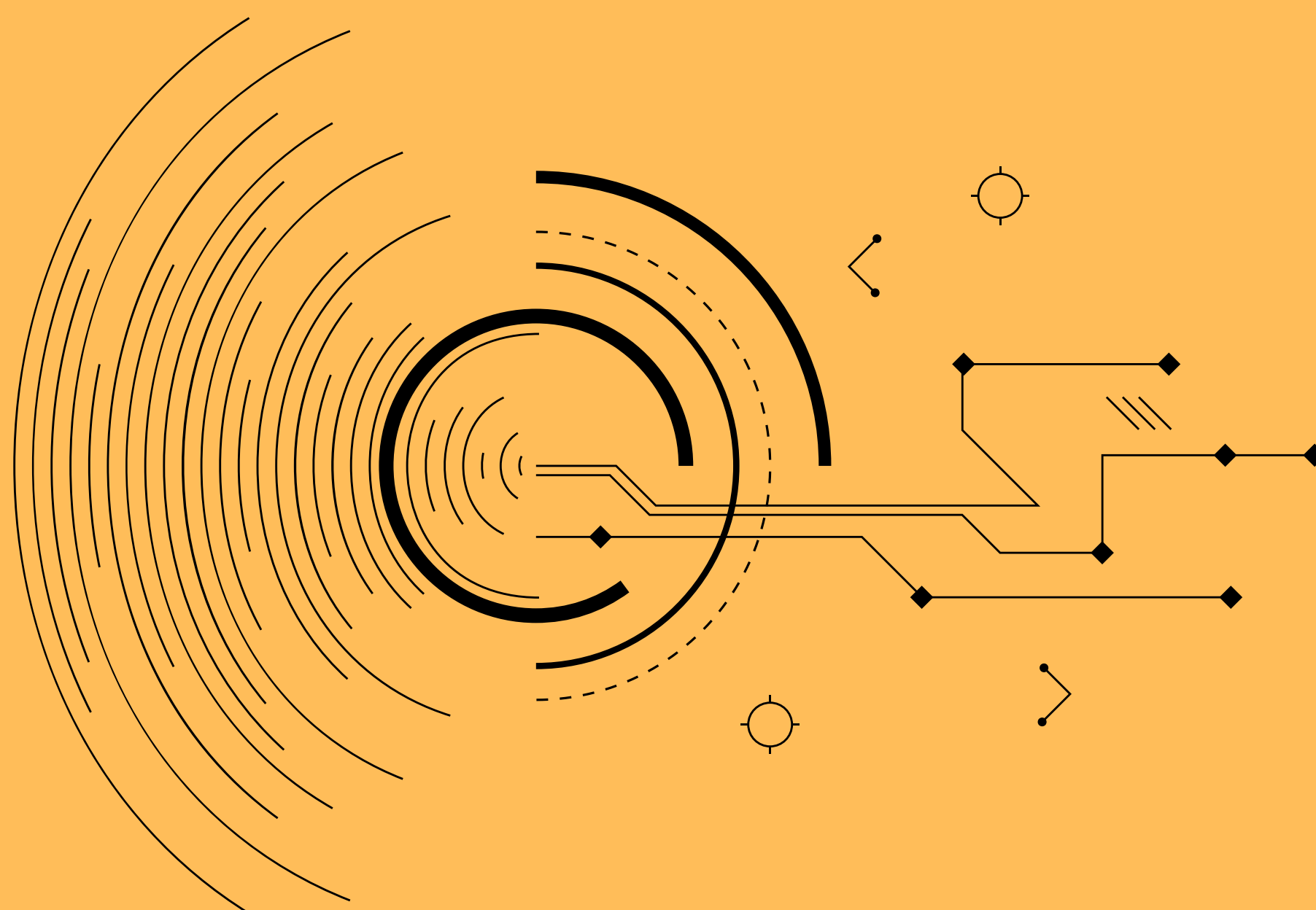
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Skill Development Course

Even Sem – 2023–24

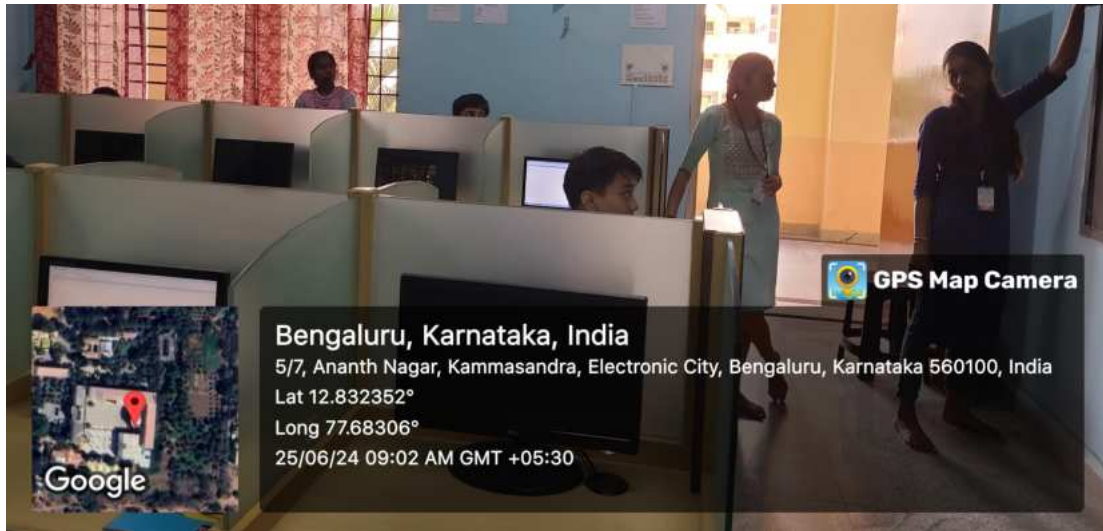
Computational methods for Physics - Scilab



Course Facilitators:

Ms. Sonima Mohan

Ms. Umamaheswari U





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SKILL DEVELOPMENT COURSE – EVEN SEM 23-24

COMPUTATIONAL METHODS FOR PHYSICS- SCILAB

MAY-JUNE 2024

LAB session- 25-06-2024

Sl. No	UUCMs	Name	Signature
1	U03MB23S0059	Nityananda Pradhu M	Nityananda
2	U03MB23S0180	Sandy Pukharambam	Sandy P
3	U03MB22S0057	S N Sree Manjunath	Manjunath
4	U03MB22S0113	Sushmitha V	Sush
5	U03MB22S0188	Rajesh Budathoki	Rajesh
6	U03MB21S0060	Bhargavi V	Bhargavi V
7	U03MB21S0061	Ruchitha	Ruchitha
8	U03MB21S0062	S Ashmitha	Absent
9	U03MB21S0064	Supriya S	Supriya S
10	U03MB21S0065	Sura Lakshmi Teja	Lakshmi Teja
11	U03MB21S0068	Praveen Kumar L	Praveen
12	U03MB21S0070	Lavanya N	Lavanya