



## **SUPPORTING DOCUMENTS**

### **3.2.2**

**NUMBER OF WORKSHOPS/SEMINARS CONDUCTED ON RESEARCH  
METHODOLOGY, INTELLECTUAL PROPERTY RIGHTS (IPR) AND  
ENTREPRENEURSHIP DURING THE YEAR**



## Workshop on Xcos

On October 3, 2024, the department of physics hosted a workshop on **Xcos: A Simulating Tool**. Professor OSKS Sastri from the School of Physical & Material Science at Central University Dharamshala was the esteemed resource person.

### Objectives:

- To provide participants with a comprehensive introduction to Xcos, its features, and its applications in simulating physical systems.
- To facilitate practical, hands-on sessions where attendees can directly engage with the tool, allowing them to create and analyze simulations.
- To demonstrate how Xcos can be utilized in various research areas within physics and material science, enhancing the participants' ability to apply these concepts in their own work.

### Description of the Workshop

The workshop on "Xcos: A Simulating Tool" was led by Professor OSKS Sastri from the School of Physical & Material Science at Central University Dharamshala. The session covered fundamental concepts in physics, such as solving differential equations for periodic motion and utilizing models, culminating in practical simulations using the Xcos tool of Scilab. Participants were engaged in hands-on sessions exploring the powerful capabilities of Xcos for simulating complex physical systems. The workshop adopted an interactive environment, encouraging students to pose questions and engage in discussions. It was a fantastic opportunity for students and faculty alike to deepen their understanding and application of this innovative tool.

### Outcomes of the Workshop

Students gained a solid understanding and hands-on skills on Xcos, including its functionalities and how it fits into the broader context of simulation tools in physics. Overall, the workshop was a resounding success, contributing to the ongoing development of skills and knowledge in the realm of physics and simulation technology!



 

## One Day Workshop on **XCos: A Simulating Tool**

**Speaker**



**Prof. OSKS Sastri**  
School of Physical & Material  
Science  
Central University of  
Himachal Pradesh

 03 October, 2024  
 10: 45 AM

Organized by  
*Spectrum Club*  
*Department of Physics*  
**St. Bede's College**

### *Brochure*



*Workshop on Xcos (October 3, 2024)*



*Workshop on Xcos (October 3, 2024)*

Attendance sheet One day workshop on Xcos: A Simulating Tool Date: October 03, 2024			
No.	Name	Class	Signature
1	Nikarita Kashyap	BSC (AMM) 2Y	Signature
2	Sanya	BSC (AMM) 2Y	Signature
3	Nancy	BSC (AMM) 2Y	Signature
4	Anukka Thakur	1Y	Signature
5	Repankhi Gupta	1Y	Signature
6	Kishori Kapoor	1Y	Signature
7	Yashika Bhambhani	1Y	Signature
8	Sujal Sharma	1Y	Signature
9	Arisha Khan	BSC (NMM) 2Y	Signature
10	Pooja Sharma	BSC (NMM) 2Y	Signature
11	Shreya Ramal	BSC (NMM) 2Y	Signature
12	Tanika Chaudhary	BSC (NMM) 2Y	Signature
13	Anubhi	BSC (NMM) 2Y	Signature
14	Shweta Chauhan	BSC (NMM) 2Y	Signature
15	Kavya Sharm	BSC (NMM) 2Y	Signature
16	Prerna Jaret	BSC (NMM) 2Y	Signature
17	Shivamita	BSC (NMM) 2Y	Signature
18	Divyankhi	BSC (NMM) 2Y	Signature
19	Shreel	BSC (NMM) 2Y	Signature
20	Himani	1Y	Signature
21	Paya Thakur	BSC (NMM) 2Y	Signature
22	Manpreet Kaur	BSC (NMM) 2Y	Signature
23	Aranya Khedan	BSC (NMM) 2Y	Signature
24	Aditi Shrivastava	BSC (NMM) 2Y	Signature
25	Suniti Sharma	BSC (NMM) 2Y	Signature
26	Shreya Sharma	BSC (NMM) 2Y	Signature
27	Priya Mehta	BSC II (NMM)	Signature
28	Rishma Mehta	BSC II (NMM)	Signature
29	Simran Thakur	BSC II (NMM)	Signature
30	Aishika	BSC II (NMM)	Signature

*Attendance Sheet*