



**3<sup>rd</sup> Career Outreach E-Workshop: Microsystem Design and Simulation Tools**  
**20<sup>th</sup> January 2022, 11:00 AM-01:00 P.M IST,**

**Organized by the Microsystem Design-Integration Lab, Dept. of Physics**

A series of Career outreach workshops, by Bidhan Chandra College, Asansol, West Bengal, India, is intended to help students thrive in a world of constant change, providing exposure, career-readiness and internship opportunities and professional career advisories at domestic and international level.

Bidhan Chandra College, Asansol, West Bengal, is proud to enable Advanced Research, Design, Computational Facilities, and Google Workspace for Education, for its all faculties, staffs and above all students, during this difficult time of pandemic, facilitating the teaching and learning with cloud based collaborative tools.

The tentative schedule follows:

**10:45 AM:** Opening of link

**11:00 AM:** Welcome address by Dr. Saumen Chakraborty, Coordinator, IQAC

**11:05 AM – 12:00 PM**

Introduction to COMSOL Multiphysics: Understand, predict and optimize physics-based designs and processes with numerical simulation, by COMSOL Certified Technologist, along with brief idea about following Modules:

- Wave Optics Module
- Ray Optics Module
- RF Module
- AC/DC Module
- Semiconductors Module
- MEMS Module
- Heat Transfer Module
- Design Module

**12:05 PM – 01:00 PM:**

Introduction to following modules by National Instruments Certified Technologist

- Multisim Software
- Ultiboard Software
- LabVIEW Software Research Bundle
- DAQs

**Organizing Committee**

**Patron:** Prof. Falguni Mukhopadhyay, Hon'ble Principal, Bidhan Chandra College

**Chair:** Dr. Goutam Mukherjee, Convener, NAAC Committee;  
HOD, Dept. of Physics, Bidhan Chandra College

**Coordinator, IQAC:** Dr. Saumen Chakraborty, Dept. of Physics, Bidhan Chandra College

**Convener:** Dr. Amit Banerjee, Dept. of Physics, Bidhan Chandra College

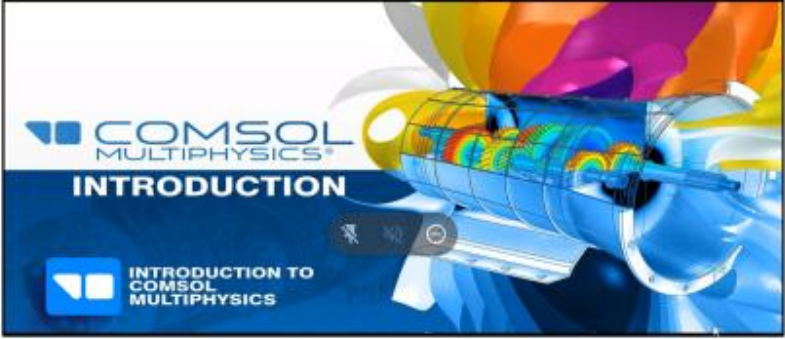
**Participation Limited to 100. Registration Requested:**  
<https://forms.gle/GfZg3uAbJyyhe5Hw7>

**Google Meet joining info for the workshop**  
**20<sup>th</sup> January 2022, 10:45 AM IST**

**Video call link: <https://meet.google.com/wuk-aitx-gvz>**

Organized by Microsystem Design-Integration Lab, Dept. of Physics, Bidhan Chandra College,  
Partially supported by the Device Development Programme (DDP),  
Department of Science & Technology (DST), Government of India.  
For further information: [amit@bccollegeasansol.ac.in](mailto:amit@bccollegeasansol.ac.in)

REC Pritam Banerjee is presenting



**COMSOL MULTIPHYSICS®**  
**INTRODUCTION**

**INTRODUCTION TO COMSOL MULTIPHYSICS**

- From Model to Application. Bring Multiphysics to Everyone.
- Understand, Predict, and Optimize Physics-Based Designs and Processes with COMSOL Multiphysics®

TECHLABS

11:11 AM | 3rd Career Outreach E-Workshop : Mic...

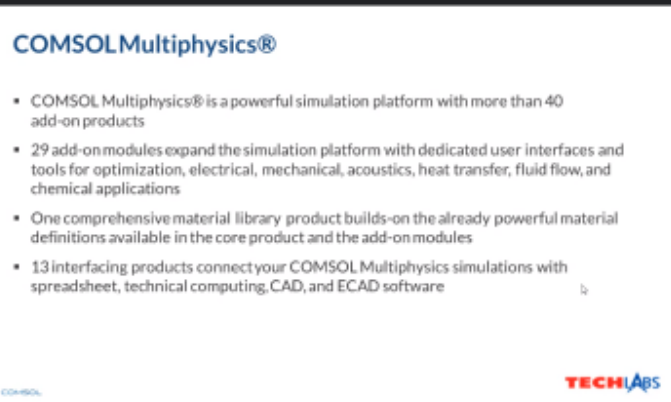
Participants: Pritam Banerjee, Soumyashree Cha..., dr. seema Sen, Arup Kole, Nawej Akhtar, Rishikesh Choudhu..., 17 others, You.

Inbox (15) - seminar@o... | Inbox (856) - aritbanerjee... | (27) WhatsApp | Meet - 3rd Career O... | You've already responded x +

meet.google.com/wuk-aitx-gvz

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REC Pritam Banerjee is presenting



**COMSOL Multiphysics®**

- COMSOL Multiphysics® is a powerful simulation platform with more than 40 add-on products
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- One comprehensive material library product builds-on the already powerful material definitions available in the core product and the add-on modules
- 13 interfacing products connect your COMSOL Multiphysics simulations with spreadsheet, technical computing, CAD, and ECAD software

TECHLABS

11:12 AM | 3rd Career Outreach E-Workshop : Mic...

Participants: Pritam Banerjee, Soumyashree Cha..., dr. seema Sen, Arup Kole, Nawej Akhtar, Rishikesh Choudh..., suranjana banerjee, 16 others, You.

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