

Dear All,

The Department of Chemical Engineering is pleased to invite you to the Industry Lecture Series of the January -2024 semester. The seminar is open to all and is mandatory for first year M. Tech students of Chemical Engineering.

The Date and time of the lecture are as follows:

Date: 14/02/2024 (Wednesday),

Time: 4 :00 pm

Speaker: Dr. Priya Gambhire, Systems Engineer, Applied Materials.

**Title: Researching Batteries and Semiconductor Manufacturing Equipment**

Abstract:

From studying liposomes for drug delivery, modeling battery aging, developing a spleen-on-chip to engineering semiconductor manufacturing, a chemical engineer can contribute everywhere. I will discuss examples of this via case studies from my career with a focus on developing battery models and giving an overview of semiconductor manufacturing.

Biography:

Priya Gambhire obtained her PhD from the Department of Chemical Engineering at IITB following which she joined Samsung R&D India. She went on to do a year of post-doctoral research at CNRS Marseille (France) after which she took up an Inspire Faculty Fellowship at the Indian Institute of Science Bangalore before joining Applied Materials where she currently works as a systems engineer. Her research focuses primarily on developing mathematical models for various applications.

Thanks & Regards,

Anand (Course Instructor, Room No A-306)