



Christ Church College, Kanpur

Report: Academic Visit to IIT, Kanpur on 19/12/2022

The department organized an academic visit to IIT, Kanpur with our faculty members and M.Sc. students on 19/12/2022. Here we attended the demonstration cum presentation in Startup Incubation and Innovation centre (SIDBI) which included:

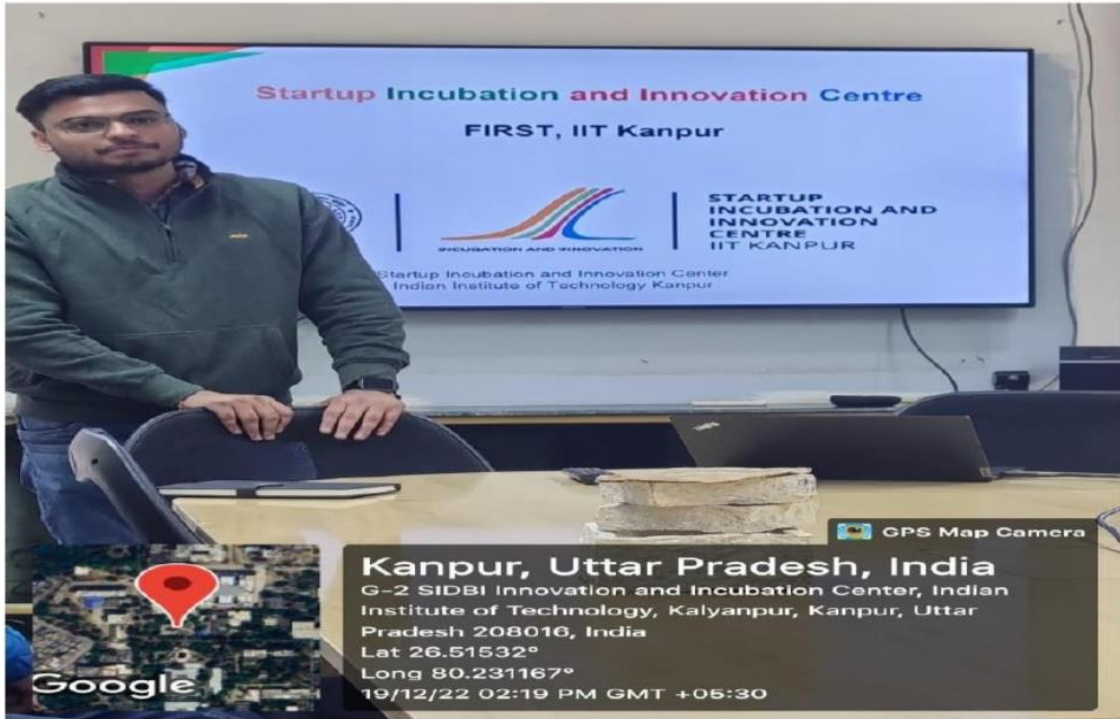
- Eco-system enabling partnerships
- SIIC success stories during COVID-19
- Mission Bharat 02
- E-SPIN Nanotech: a mask making facility
- Technology Incubation and Development of Entrepreneurs (TIDE 2.0)

After this, we visited the high class 4i - (Innovation, Incubation, Implementation and Integration) laboratory and Imagineering Lab. The laboratory is a central facility for concept design and product realization and it is structured to digitally integrate the processes of design, simulation and manufacturing. It was a fascinating experience to see the EZEECUT NXG demonstration of fine designing and drilling of very high density materials and DECKLE MAHO, a powerful milling system with an overall bed-size of 630mmx500mmx500mm loaded with CAM coating facility.

The day ends with the visit to central workshop. Here, we learnt about the new techniques which are used in Research and Development and detailed working of milling machine procured from Universal Richmond, RICH Company.

The entire day was devoted to learning about cutting edge research and innovations in one of the premier institution of the country. It was an intellectually stimulating and satisfying experience.

Professor and Head
Department of Physics



SIDBI center at IITK

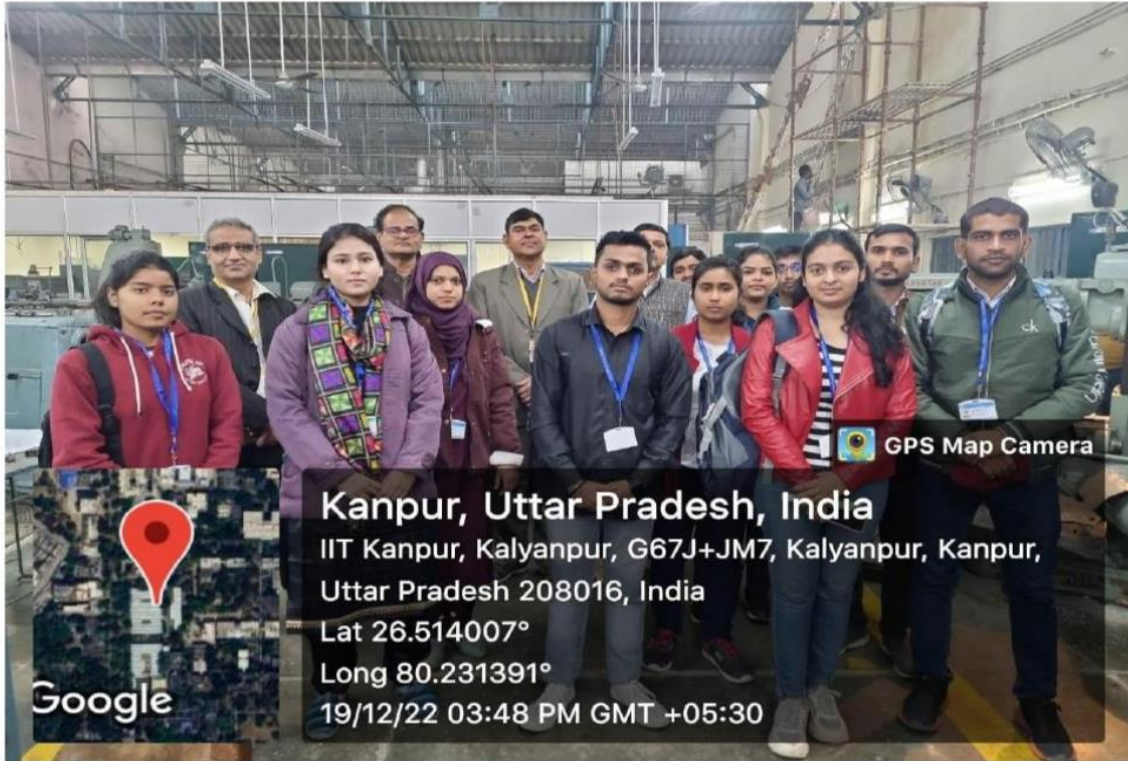




Central Workshop milling machine



**DECKLE MAHO Milling Machine (Above)
and EZEECUT NXG demonstration (below)**



Academic Visit at I. I. T., Kanpur

19.12.2022

Attendance

S. No.	Name	Designation	Mobile No.	Signature
1.	Chhavi Bajpai	Student	9580657398	Chhavi Bajpai.
2.	Nitin	Student	8810250789	Nitin
3.	Amit Kumar Tripathi	Student	9369952950	A
4.	Vijay Narayan	Student	8707433943	Vijay Narayan
5.	Shekh Zainab Fatma	Student	9500259892	Shekh Zainab
6.	Vaibhav Tripathi	Student	7007064682	Vaibhav Tripathi
7.	Pooja Paul	Student	9020738001	Pooja Paul
8.	Fiza Khan	Student	0303115463	Fiza Khan
9.	Riya Singh	Student	9190966567	Riya Singh
10.	Namrata Tiwari	"	6393948138	Namrata Tiwari
11.	Afeefa Zaheen	"	7275374537	Afeefa Zaheen.
12.	Himanshu Patel	"		
13.	Dr. Santosh Kumar	Faculty	9450342422	S. Kumar
14.	Dr. S. P. Singh	"	9415477516	S. P. Singh
15.	Dr. Manish Kapoor	"	9838498079	Manish
16.	Dr. Parikaj Kumar Mishra	"	9653011395	Parikaj
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