

**DEPARTMENT OF MATHEMATICS &
PHYSICS**

INDUSTRIAL VISIT

**Indian Institute Of Science Centre For Nano Science
And Engineering**

Bangalore

Bsc. Mathematics & Physics (2020-2023)



30th March 2022

SL NO	CONTENT
1	BROCHURE
2	INTRODUCTION AND OBJECTIVES
3	PARTICIPANTS
3	DETAILS OF JOURNEY AND EXPERIENCE
4	PHOTOS
5	OUTCOME OF THE VISIT

INTRODUCTION OF INSTITUTE

The Centre for Nano Science and Engineering (CeNSE) was established in 2010 to pursue interdisciplinary research across several disciplines with a focus on nanoscale systems. Current research topics include, but are not limited to nano-electronics, MEMS/NEMS, nano materials and devices, photonics, nano-biotechnology, solar cells and computational nano-engineering.

OBJECTIVES

1. To develop the skills towards digital IC design, physical design flow.
2. To build curriculum gap for Fabrication process.

PARTICIPANTS

- 501 FATHIMA MURSHIDA.K.C
- 502 HAFEEFA RISHANA .M
- 503 IBRAHIM BADUSHA K
- 504 MUHAMMED JASIR DANISH
- 505 MUHAMMED RABEEH C
- 506 MUNSHID.A
- 507 NAJIYA THASNEEM.P
- 508 RUFAIDA P P
- 509 SHAHUL HAMEED P
- 510 ASLA K
- 511 FABIL FAISAL PT
- 512 MISRIYA.P
- 513 MUFLIHA P
- 514 SAJLA SULTHANA P C
- 515 SHAHANA NUSRIYA K M
- 516 SHAHNAS MK
- 517 AFRA
- 519 MUHAMMED SIYAS KC

DETAILS OF JOURNEY AND EXPERIENCE

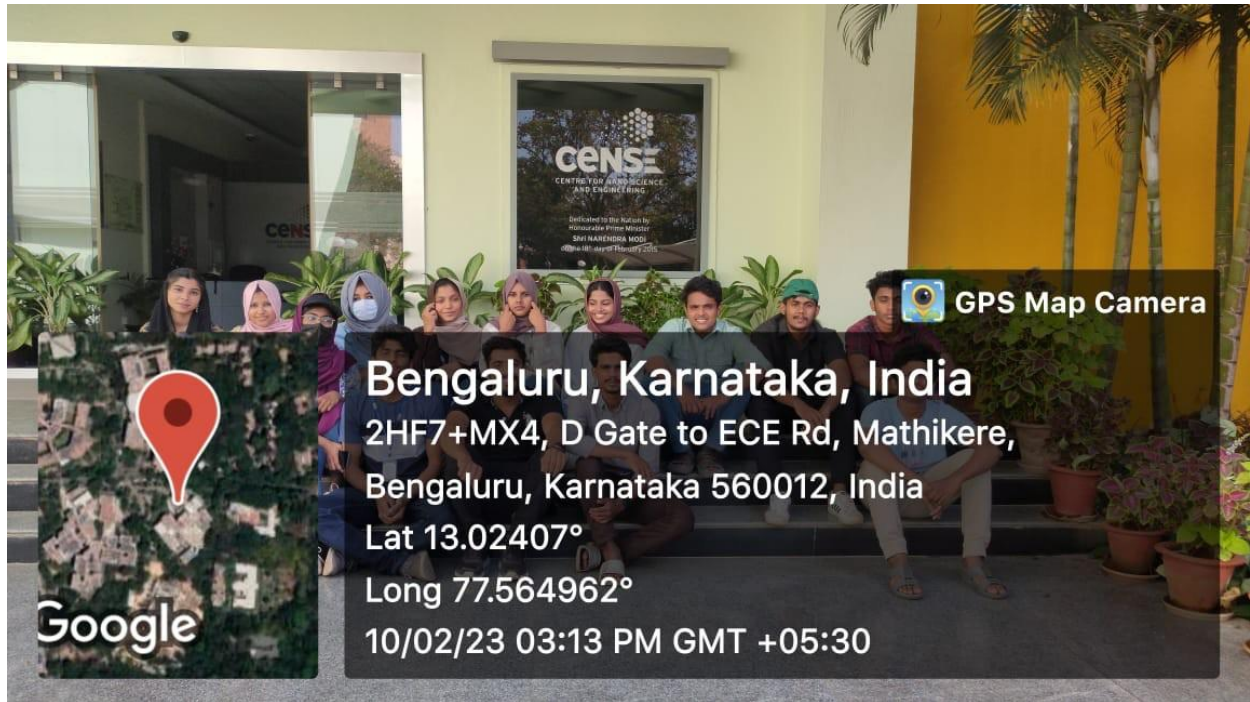
On feb 9, 2003 Sixth Sem students of department maths and physics conducted the study tour . There were 16 students on the trip. Head of the department Ramsiya ashraf and our teacher ajmal joined us.

we started our journey at 7 pm at Kozhikode railway station. Our destinations were Bangalore and IISC. we began our journeys with full of enjoyment. We travelled to Bangalore through Tamilnadu. The journey was beautiful by the presence of cold in the night.we had seen many plantations through our journey.the green background of nature along with cold was nice. next day, feb 10,at 8:30 am checked In Bangalore hotel. Then night. our journey. along with at 8.30 the travel through Bangalore City to our hotel signature inn for being fresh and little bit rest at 10:00 am, we had our breakfast at restaurant near to our hotel .then we travelled lalbagh garden via metro garden thong vice metro. We reached lalbagh at 10:52 am.

These one micro and sensors lab which focuses on Physics and applications of nano- electron mechanical system. There are Study of noise processes that govern the frequency Stability of the ultra sensitive devices bio sensors is another research lab in CENSE.it is focusing on developing low cost .

Low-cost biosens- involves the study of various modification. MEMS Surface lach is another research lab CENSE. There is Biophotonics and bioenginee- follows two themes me is the of Pensors to the sense variablz. development molecules. There we optics, Nanostatics and Quantum fluids Lab for study of optical. and hydrodynamic properties of nanostructure pantics and films. There is photonics lab, it is a dedicated fucility for integrated photonic devices and erreal is non- Lineas photonics and High power lasers labs is are dewelopment of optical technology for lab was Various focuses is sources and processing applications. polymer an attractive among

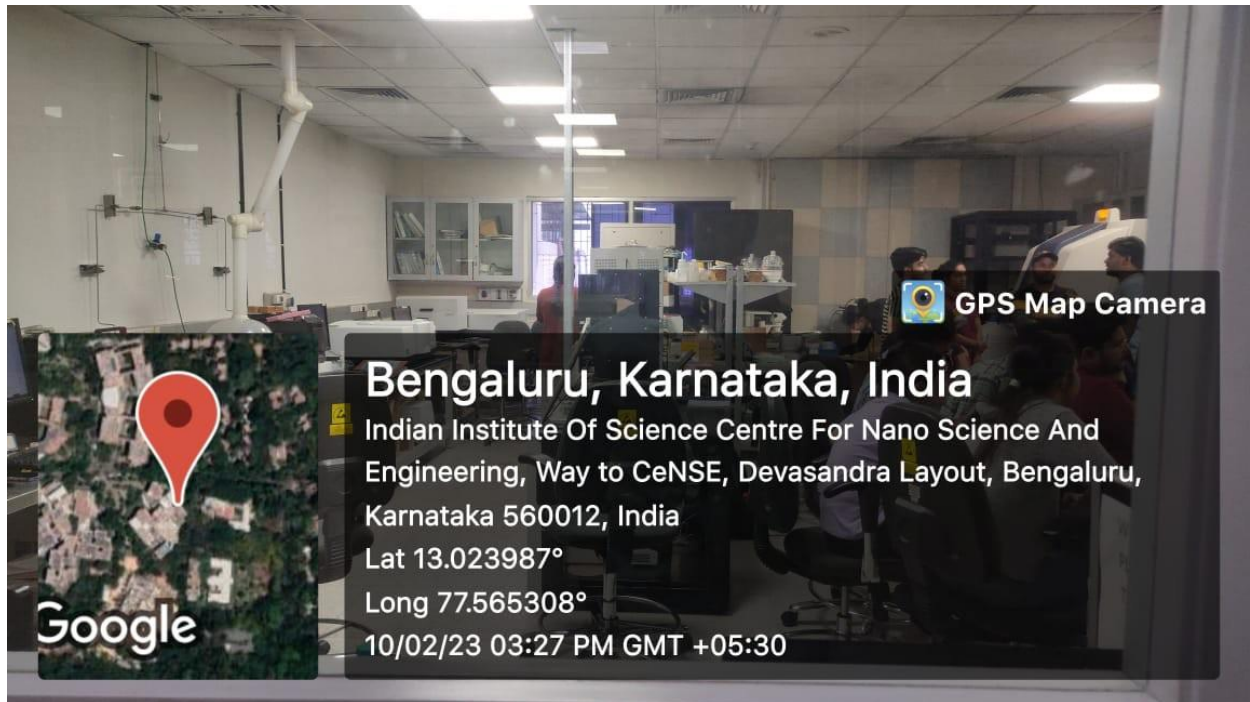
PHOTOS



1. Picture taken from the main gate of Pasteur institute



2. Picture taken from inside Pasteur institute campus



3. Picture from presentation hall



4. Presentation hall



5. Main gate

LIST OF PARTICIPANTS - INDUSTRIAL VISIT TO INDIAN INSTITUTE OF SCIENCE, BANGALORE				
SL NO	NAME OF STUDENT	NAME OF DEPARTMENT	ROLL NO AND YEA	SIGN
1	Fathima nurshida.k.c	maths and physics	1, 3 rd	<i>Fath</i>
2	Hafeefa Rishana.M	"	2, 5 th	<i>Hafet</i>
3	Ibrahim Badusha.k	"	3, "	<i>Badusha</i>
4	Muhammed Javir Danish	"	4,	<i>MJavir</i>
5	Rabeeh. C	"	5,	<i>Rabeeh</i>
6	Munshid A	"	6	<i>Munshid</i>
7	Najiya Hasneem	"	7,	<i>Najia</i>
8	Rafaida .P.P	"	8,	<i>Rafaida</i>
9	shahul Hameed. P	"	9,	<i>Shahul</i>
10	Asla.k	"	10,	<i>Asla</i>
11	Fabil Faisal PT	"	11,	<i>Fabil</i>
12	Misriya IP	"	12,	<i>Misriya</i>
13	Mufliha. P	"	13,	<i>Mufliha</i>
14	Sajla Sulthana. P.c	"	14,	<i>Sajla</i>
15	shehara xasniya	"	15,	<i>Shehara</i>
16	shahras M.K	"	16,	<i>Shahras</i>
17	Afra	"	17	<i>Afra</i>
18	Muhammed Syed.	"	19, 3 rd	<i>Syed</i>
Double Main Department of Mathematics and Physics, EMEA College, Kondotti				

OUTCOMES OF THE VISIT

1. Gained Knowledge of application of Robotics in various domains.
2. Online quizzes enriched the knowledge on current affairs. Our student Mr. Munshid of 6th sem A section won the prize.
3. Gained knowledge about Machine learning techniques.
4. Gained knowledge about different types of Drones and Handling Power crisis in drone technology.