



# HOLY CROSS COLLEGE

ACCREDITED BY NAAC WITH 'A+' GRADE (CYCLE:2)

Tripura University Reg. Code: 17

Jubatara, P.O. Lembucherra, Tripura West Pin-799210

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Web: www.holycrosscollege.in

"Educating hearts and minds"

No. F.6/HCC/HP/2024/01

Date: 02.04.2024

To  
The Principal  
Holy Cross College, Agartala

Father,

This is to inform you that Dept. of Human Physiology is going to organize a "Study Trip cum Lab Visit" for the Human Physiology Hons. students of 6<sup>th</sup> semesters on 10<sup>th</sup> April, 2024. In this regard, we are proposing the name of the Laboratory of the Department of Chemistry, National Institute of Technology, Agartala. Through this, the student will get some exposure to different laboratory equipment, and they will be able to observe new experiments going on continuously in the Department of Chemistry, NIT, Agartala, as a part of their experiential learning.

May we request you to provide the transport facility for approx. 25 no. of students and all faculties of the department.

Yours Truly,

02/04/2024

Dr. Susmita Saha  
HoD, Human Physiology  
Holy Cross College, Agartala

Approved By:

03.04.2024  
Dr. Fr. Benny K. John, CSC  
Principal

Holy Cross College, Agartala

PRINCIPAL  
HOLY CROSS COLLEGE  
AGARTALA

**LIST OF STUDENTS PRESENT ON THE DAY OF STUDY TRIP ON 18.04.2024**

<b>Sl No.</b>	<b>Name of Candidate</b>
1	ROSHAN DEBBARMA
2	ANANYA SARKAR
3	ARPITA SAHA
4	CHAYANIKA DEBBARMA
5	DEBASMITA DATTA
6	DISHA CHAKRABORTY
7	KUHELI SARKAR
8	MOUSHAMI DATTA
9	NIKITA DAS
10	RESHMI ROY
11	RIYA ACHARJEE
12	SANJANA SEN
13	SAPTAPARNI NATH
14	SAYANTIKA BISWAS
15	SHREYASI CHAKRABORTY
16	UPASANA LODH
17	VASWATI SAHA
18	DEEPTANU DATTA
19	POHOR DEBBARMA
20	PRATYUSH KIRAN CHAKRABARTI
21	SAURADEEP CHAKRABORTY
22	SOMNATH BHATTACHARJEE
23	SUBHRAJIT CHOUDHURY
24	DEEPNA DEY
25	SOURAV PAUL



29/04/2024

**HEAD**

Department of Human Physiology,  
HOLY CROSS COLLEGE, AGARTALA



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## DEPARTMENT OF HUMAN PHYSIOLOGY

### BRIDGING ACADEMIA AND EXPERIENCE

(Insights gained from NIT Agartala Educational expedition)

Total Number of Students Present: 25 nos.

Date: 10.04.2024

An educational tour to the National Institute of Technology (NIT) Agartala, Department of Chemistry was organized by the Department of Human Physiology, Holy Cross College, Agartala, on 10<sup>th</sup> April 2024. Duration was 11:30 a.m. to 2:30 p.m. at NIT Agartala campus. The primary purpose of this tour was to enhance students' understanding of theoretical concepts learned in the classroom. Additionally, the tour aimed to expose students to the state-of-the-art facilities and research activities at NIT Agartala, Department of Chemistry. It was very well planned, and the students of the 6<sup>th</sup> semester, Human Physiology (Honours), participated in this tour. Upon arrival, the students were greeted by a team of 3 associate professors and 5 research scholars. The tour commenced with Dr. Chitraniva Datta giving an informative speech on the department's achievements and the courses they offered. It was followed by an informative lecture on carbon and its allotropes by the HoD, Department of Chemistry, NIT Agartala, Dr. Mitali Saha. After that, the students were guided through the different chemistry laboratories. These included organic synthesis, analytical chemistry, Physical Chemistry, Inorganic Chemistry, and Computational Chemistry. There, the students witnessed ongoing research projects in diverse fields, such as nanotechnology, renewable energy, advanced materials in medicine, etc. The students also had interactive sessions with the research scholars, who explained the various projects they were working on. The interactive session provided the students a platform for engaging in discussions on academic programs, research initiatives, and career prospects. Students could ask questions, seek advice, and exchange ideas with their counterparts at NIT Agartala. Students were exposed to state-of-the-art research instruments like Differential Scanning calorimetry (DSC), Infrared Spectrophotometer (FTIR), Particle size analyzer (DLS), Fluorescence Spectrophotometer, pH value determiner, UV-visible spectrophotometer, and many software which helps in determining the structures of various compounds.

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The educational tour to NIT Agartala was a resounding success, achieving its objectives of providing participants with a holistic understanding of various applications of nanotechnology and molecular design of medicines and research and culture. The tour broadened participants' academic horizons and inspired them to strive for excellence in their chosen fields. We sincerely thank the administration, faculty, students, and research scholars for their warm hospitality and valuable insights. We are confident that the experience gained during this tour will have a lasting impact on all participants' academic and professional trajectories. We would also like to express our heartfelt thanks to Dr. Sushmita Saha (HoD), Dr. Sandeep Roy Sarkar, Dr. Ashish Kumar Singha, and Mr. Kanak Chakraborty of the Department of Human Physiology, Holy Cross College, Agartala for their meticulous planning and coordination of the tour.

Report Prepared By:

Mr. Sauradeep Chakraborty  
6<sup>th</sup> Semester Student  
Department of Human Physiology  
Holy Cross College, Agartala



29/04/2024  
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Dinabandhunagar, TR, India  
SH 14, National Institute of Technology  
Agartala, Dinabandhunagar, 799046, TR, India  
Lat 23.840898, Long 91.420360  
04/10/2024 01:19 PM GMT+05:30  
Note: Captured by GPS Map Camera



Paschim Barjalai, Tripura, India  
RCRC+847, Paschim Barjalai, Tripura 799046, India  
Lat 23.840871°  
Long 91.420356°  
10/04/24 01:43 PM GMT +05:30

  
20/04/2024

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Paschim Barjalai, Tripura, India  
H4A, National Institute of Technology Agartala, Quarters, Paschim Barjalai, Tripura 799046, India  
Lat 23.840758°  
Long 91.42137°  
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