



"Educating hearts and minds"

# HOLY CROSS COLLEGE

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

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## DEPARTMENT OF BOTANY

### Report On

#### Visit to State Agriculture Research Station, Department of Agriculture & Farmers Welfare, Arundhutinagar, Agartala, Tripura

**Date of Visit:** 20.12.2023

**Place of Visit:** State Agriculture Research Station, Department of Agriculture & Farmers Welfare, Govt. of Tripura, SARS Complex, Arundhutinagar, Agartala.

**Visitors:** Dr. Dipanwita Chaudhuri Sil, Dr. Debasree Lodh, Faculty Members, Department of Botany, Holy Cross College, Agartala.

On 20th December 2023, faculty members of Department of Botany, Holy Cross College, Agartala, embarked on a significant visit to the State Agriculture Research Station located at the SARS Complex in Arundhutinagar. This visit was organized as part of our ongoing efforts to strengthen academic and practical knowledge in Botany and Agriculture, facilitating better understanding and collaboration with local agricultural research initiatives. The research station is renowned for its contributions to improving agricultural practices in Tripura, focusing on crop enhancement and sustainable farming techniques.

The objectives of the visit were multifaceted. We aimed to explore ongoing research projects to gain insights into current activities centered on crop development, pest management and sustainable agricultural practices. Additionally, we sought to enhance collaboration between Holy Cross College and the research station to promote joint research initiatives and student internships. A key goal was to foster knowledge exchange, facilitating discussions on the integration of modern agricultural techniques with traditional practices relevant to the local context.

The visit commenced with an introductory session led by the Joint Director of the Research station, who provided a comprehensive overview of the station's mission, historical background and key objectives. The other official staffs highlighted the station's commitment to research that addresses local agricultural challenges, such as pest resistance and climate adaptation. Following this, faculty members were escorted on a guided tour of the research facilities. We observed multiple plots dedicated to the trial of high-yield and disease-resistant varieties of rice, maize and pulses.

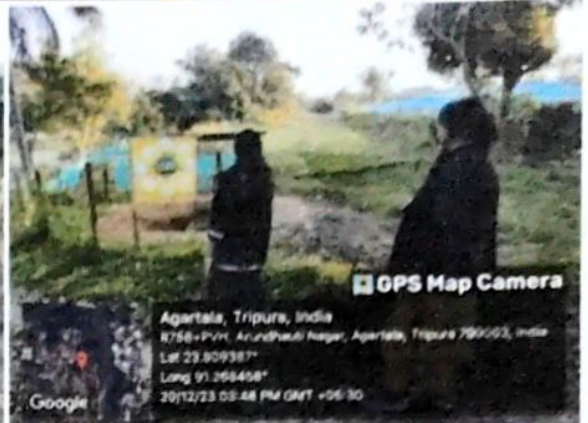
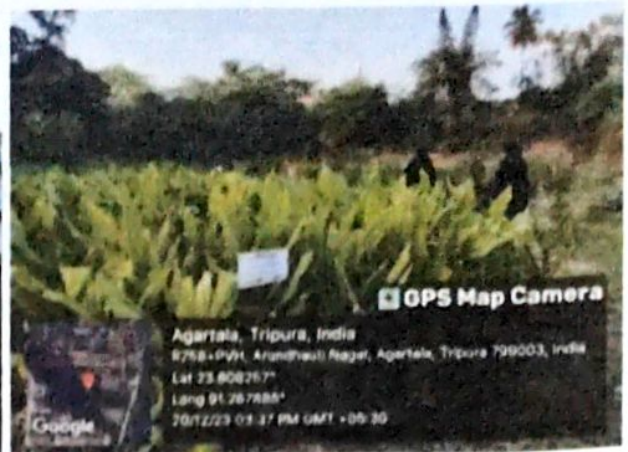
Researchers explained the criteria for selection and evaluation of these crops based on local climatic conditions and soil characteristics.

During the tour, we also witnessed innovative practices being implemented, including organic farming techniques, intercropping methods and the use of bio-fertilizers. The emphasis on sustainability was evident, showcasing successful models that have been implemented in local farms. Researchers provided insights into the efficacy of these methods in reducing chemical usage while maintaining crop yield. Furthermore, there was productive dialogue about potential student internships, joint research projects and workshops that could be organized to bridge the gap between theoretical knowledge and practical applications in agriculture.

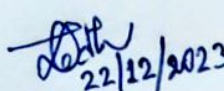
In conclusion, the visit to the State Agriculture Research Station was not only informative but also inspiring. It highlighted the vital connection between academic research and practical agricultural applications. Faculty members expressed a keen interest in establishing formal collaborations that could lead to joint research initiatives, knowledge exchange programs and enhanced student engagement with real-world agricultural challenges.

We would like to extend our heartfelt gratitude to the Joint Director and the staffs at the State Agriculture Research Station for their generous hospitality, insightful presentations and willingness to share their expertise. We look forward to building a strong partnership that can benefit both Holy Cross College and the agricultural community in Tripura.





**Picture:** Visit to State Agriculture Research Station, Department of Agriculture & Farmers Welfare, Arundhutinagar, Agartala, Tripura by the Faculty Members of Department of Botany, Holy Cross College, Agartala on 20.12.2023.

  
 22/12/2023  
**HEAD**  
 Department of Botany,  
 HOLY CROSS COLLEGE, AGARTALA

To

The Joint Director (Research)  
State Agriculture Research Station  
Department of Agriculture  
Arundhatinagar  
Agartala, Tripura (West)

Through Proper Channel

**Subject: Permission to visit the State Agriculture Research Station AD Nagar, Agartala.**

Respected Sir,

We, the faculty members of the Department of Botany, Holy Cross College, Agartala wish to visit the State Agriculture Research Station AD Nagar, Agartala on 10<sup>th</sup> Nov. 2023 in the afternoon.

So, I pray and hope that you will be kind enough to grant the permission for the visit in your institute.

With regards,

Thanking you.

Date: 09.11.2023

Yours sincerely,

Approved  
*[Signature]*  
09.11.2023

PRINCIPAL  
HOLY CROSS COLLEGE  
AGARTALA

*[Signature]*  
09/11/2023

Dr. Debasree Lodh  
HoD. Department of Botany  
Holy Cross College, Agartala

HEAD  
Department of Botany,  
HOLY CROSS COLLEGE, AGARTALA

Due to unavailability of the Joint Director (Research), State Agriculture Research Station, the Faculty Members visited the Department of Agriculture, Arundhatinagar, Agartala, Tripura on 20/12/2023 instead of 10/11/2023.

*[Signature]*  
20/12/2023