

To
The Principal
Holy Cross College.
Jubatara, Agartala.

Date: 08/12/2023

Subject: Permission for arranging a training programme and field visit for the students of 1st semester and Non teaching staff of Holy Cross College, Agartala

Respected Father,

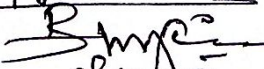
This is a humble request from the department of Zoology for your permission to arrange a field study tour to Adorini Vermifertiliser Research Centre, Bhati Phatikcherra with students and Non teaching staff of Holy Cross College, Agartala. The field tour is planned on 12.12.2023. The aim of this tour is to provide a training on preparation of vermicompost and maintenance of vermiculture bed.

Kindly allow us to avail the institutional transport facility for the field study.

Yours sincerely



Head of the Department
Department of Zoology
Holy cross College, Agartala

Approved

08/12/2023

PRINCIPAL
HOLY CROSS COLLEGE
AGARTALA

To
The Principal
Holy Cross College.
Jubatara, Agartala.

Date: 08/12/2023

Subject: Permission for arranging a training programme and field visit for the students of vocational course on Vermiculture and Vermicomposting

Respected Father,

This is a humble request from the department of Zoology for your permission to arrange a field study tour to Adorini Vermifertiliser Research Centre, Bhati Phatikcherra with students enrolled in Vocational course on Vermiculture and Vermicomposting. The field tour is planned on 12.12.2023. The aim of this tour is to provide a training on preparation of vermicompost and maintenance of vermiculture bed.

Kindly allow us to avail the institutional transport facility for the field study.

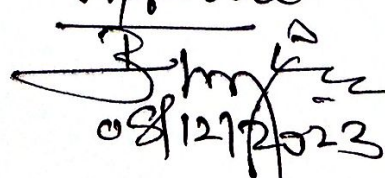
Yours sincerely



Head of the Department
Department of Zoology
Holy cross College, Agartala



Teacher In Charge
Vocational Course on Vermicomposting
Holy Cross College, Agartala

Approved

08/12/2023

PRINCIPAL
HOLY CROSS COLLEGE
AGARTALA



HOLY CROSS COLLEGE

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

Tripura University Reg. Code: 17

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ng hearts and minds"

Vermiculture technology is emerging as an environmentally sustainable, economically viable and socially acceptable technology all over the world. Earthworms have always acted as the waste managers for efficient composting of solid waste materials from varied sources. Their capability to improve soil fertility and increase crop productivity is also well known. In today's world all these capabilities of earthworms are being commercially revived. Earthworm excreta is a nutritive organic fertiliser rich in humic acid, NPK, micronutrients, beneficial soil microbes, nitrogen fixing, phosphate solubilising bacteria, actinomycetes and growth hormones like auxins, gibberellins and cytokinins. This fertilizing agent is called vermicompost.

On 12th December 2023, the students of vocational course 'Vermiculture and Vermicomposting' of Holy Cross College, Agartala; visited the vermicompost production unit of Adorini vermifertiliser Production Centre at Bhati Phatikcherra, Agartala. The college buses started at 10.30 am. The participating 88 students were accompanied by Dr. Subhalaxmi Bhattacharjee Asst Professor Dept. of Zoology, Dr. Debasree Lodh, Asst. Professor Dept. of Botany, Mr. Kanak Chakraborty, Asst. Professor Dept. of Human Physiology and Dr. Susmita Bhattacharjee, Asst. Professor Dept. of Geography. Miss Jeni Debbarna, laboratory assistant of Dept. of Zoology was also present. A group of..... non teaching staffs from the college also accompanied the students. The main aim of the visit was to gather as much knowledge as possible from the experienced workforce of the vermicomposting unit. The owner of the farm Mr. Kaushik Dey welcomed the students at the farm. He elaborated about the different species of epigeic earthworms that are used for vermicomposting. In his farm *Perionyx excavatus* and *Eisenia* sp. are used. He narrated the importance of using unadulterated vermicompost in the fields to increase crop production and yield quality.

The students observed the tank system of vermicompost production in the farm. They observed live earthworms and cocoons. The procedure of vermicompost production using high quality food substrate was richly appreciated by all present during the tour.



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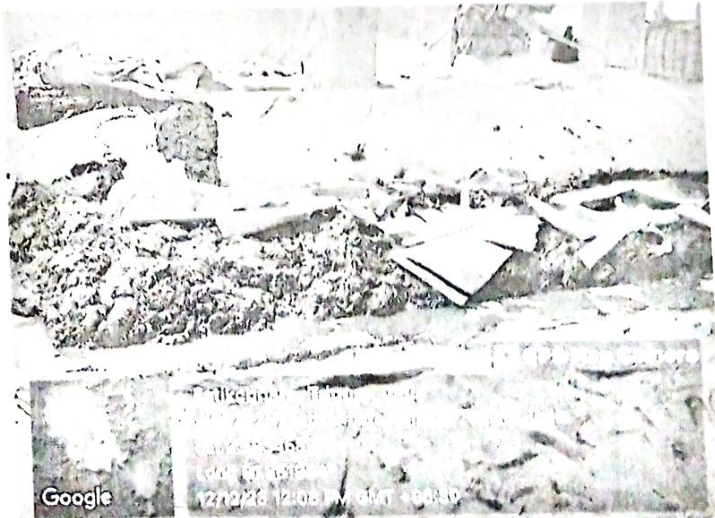
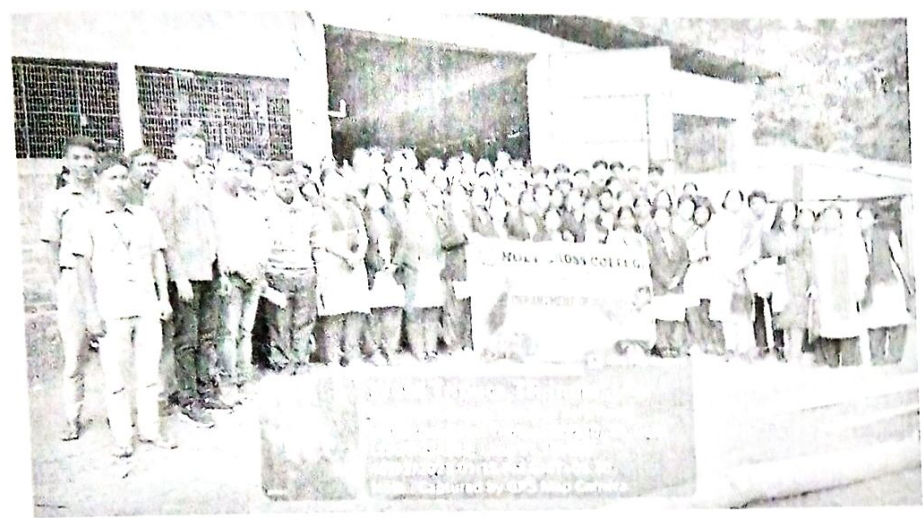
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Long 91.351988°
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Rumki Nath Sen
16/01/24

Dr. Rumki Nath Sen.
HOD, Dept. of Zoology
Holy Cross College

vermicomposting field trip Botany 1st sem
Attendance

1. Ayan Debbarma (537)
2. Dilbangobind Debbarma (541)
3. Ria Das (532)
4. Danyel Murasing (546)
5. Twijulung Debbarma (550)
6. Smae Debbarma (548)
7. Madhuma Deb (531)
8. Khumpai Jamatia (528)
9. Saptarshi Tripura (545)
10. Khonjopra Kaloi (527)
11. Evelin Darlong (526)

Dr. A. S. S.

Shreyan Chakraborty

22.H.

Arindam Sinha

Sandeep Sangma

Sneha Bardhan

5. Bibhu Basad Debnath.

6. Kohelika Paul

7. Danyel Murasing

8. Dilshan Gobind Debbarma

9. Sankha Subhra Bhattacharjee.

10. Abirhal Roy,

11. Deepjoy Barik.

12. Sagan Das

13. Rohan Roy.

14. Bishal Choudhury

15. Supayon Mahalanobis

16. Biplab Tripura

17. Kausik Das


18. Jove Jove Debbarma.

19. Rajib Sengupta.

20. Alena Debbarma

21. Tanisha Debbarma

22. Ayusha Chakma


HOD, Department of Zoology
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23. Hyunmilee Debbarma.
24. Simarü Debbarma
25. Diksha Debbarma
26. Khonjopra Kalai.
27. Trisha Nath
28. Beauty Sarkar
29. Poulamee Das.
30. Saumyendu Saha
31. Kavstuv Bhawmik
32. Baishayan Chakroborty
33. Kunaljit Sinha
34. Mahima Choudhury
35. Bijoya Bhattacharyee.
36. Sechetana Ghosh Choudhury
37. ~~Trish~~ Trisha Pal
38. Rupanjali Dhar
39. Prabin Reang
40. Subhajit Deborth.
41. Sudipta Sarkar.

Prabin

HOD, Department of Zoology
Holy Cross College
Agartala.

HOD, Department of Zoology
Holy Cross College
Agartala.

12/12/22

- 1) Padma Devi Jamatia
- 2) Sneha Modak
- 3) Sangita Bhattacharjee
- 4) Sahana Reang
- 5) Khumpui Debarma
- 6) Elna Debarma
7. Dipika Jamatia
8. Khumpui Jamatia
9. Smai Debarma (548)
10. Ayan Debarma (537)
11. Ria Das (532)
12. Madhusima Deb (531)
13. Rashmita Reang (591)
14. Biswashree Sinha (569)
15. Tumina Hrangkhawl (505)
16. Nlady Hrangkhawl (635)
17. Evein Daslong (526)
18. Laluenpuii Chhangte (582)
19. Nia Debarma (643)
20. Rose Jamatia (651)
21. Abantika Reang (621)
22. Diya D/B (632)
23. Twijulang Debarma
24. Saptarishi Tripura

- 25) Ashmita Dey (Geo-523)
- 26) Punyashlok Sinha (His-432)
- 27) Sristy Sardar (H. Phy-603)
- 28) Alpita Sukla Das (H. Phy-565)
- 29) Chandrani Chaudhuri (H. Phy-570)
- 30) * Sreeja Roy (H. 1 570)
- 31) Dipanjali Deb (2001)
- 32) Aprika Paul (2007)
- 33) ~~Dipika~~ Smriti Das (2006/07)
- 34) Shri Sakata (652)
200
- 35) Manolina Chhangte (584)
(HP Phy)

[Signature]

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Holy Cross College
Agartala.