

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 1<sup>st</sup> 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.

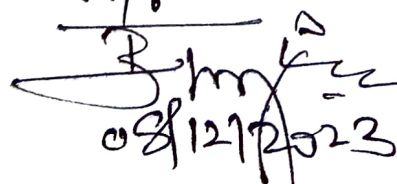
Yours sincerely



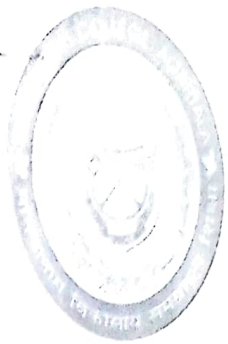
Head of the Department  
Department of Zoology  
Holy cross College, Agartala



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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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 12<sup>th</sup> 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 Debbarma, 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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*Educating hearts and minds*



West Tripura, TR, India  
W9P2+2H, Fatikchhara, Tripura 799210, India  
Lat 23.934426°  
Long 91.351988°  
12/12/2023 01:15 PM GMT +05:30  
Taken by GPS Map Camera



GPS Map Camera  
Fatikchhara, Tripura, India  
W9P2+2H, Fatikchhara, Tripura 799210, India  
Lat 23.934539°  
Long 91.351954°  
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# HOLY CROSS COLLEGE

ACCREDITED BY NAAC WITH 'A' GRADE (2018-2021)

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*Dr. Rumki Nath Sen*

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

vermicomposting field trip Botany 1<sup>st</sup> sem.  
Attendance

1. Ayan Debbarma (537)

2. Nilbangobind Debbarma (541)

Ria Das (532)

Danyel Murasing (540)

3. Twijulang Debbarma (550)

4. Smae Debbarma (548)

5. Madhurma Deb (531)

6. Khumpui Jamatia (528)

7. Saptaishi Tripura (545)

8. Khonjora Kaloi (527)

9. Evelin Darlong (526)

2023

Sourya Chakrabarty

22.11.

Arindam Sinha

Sandeep Sangma

Sneha Bardhan

Bibhu Basad Debnath.

Kohelika Paul

Danyel Murasing

Diksan Gobind Debbasma

Sankha Subhra Bhattacharjee.

Abinhal Roy,

Deepjoy Banik.

Sagan Das

Rohan Roy.

Bishal Choudhury

Supayan Mahalanobis

Biplab Tripura

Kausik Das

Jove Jove Debbarna.

Rajib Sengupta.

Alena Debbarna

Panisha Debbarna

Ayush Chakma

23. Hyunmilee Debbarna.

24. Simari Debbarna

25. Diksha Debbarna

26. Khonjopra Kalai.

27. Trisha Nath

28. Beauty Sarkar

29. Poulami Das.

30. Saumyendu Halda

31. Kaustubh Bhawmik

32. Baishayan Chakraborty

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.



12/12/25

Adma Devi Jamaraja

Sneha Madak

Sangita Bhattacharya

Sakana Reang

3) Khumpui Debarma

4) Elina Debarma

7. Dipika Jaramla

7. Khumpui Jaramla

9. Bmai Debarma (548)

10. Ayon Debarma (537)

11. Ria Das (532)

12. Madhusima Deb (531)

13. Rashmita Reang (591)

14. Biswasree Sinha (569)

15. Sumina Hraungkawl (505)

16. Naby Hraungkawl (633)

17. Esein Dasteng (526)

18. dalumpui Alhanga (582)

19. Nita Debarma (643)

20. Razi Jaramla (651)

21. Abantika Reang (621)

22. Diga D/A (632)

23. Tuifilang Debarma

24. Kop Tanthi Debarma

251 Ashmita Das (600-523)

26 | Rupashakti Sinha (HIS-432)

27 | Smrity Sandan (H.Phy-603)

28 | Shripita Sukla Das (H.Phy-565)

29 | Chandrani Chaudhuri (H. Phy-576)

30 | Sneha Roy (H. 1)

31 | Xiparjati Das (260)

32 | Apulka Paul (200)

33. ~~Pranali~~ Pranali Das (200)

34) Bani Ananta (652)

35) Manalina Ananta (584)

(H.P. 1)