

FIELD WORK/OUTREACH PROGRAMME BY DEPARTMENT
OF BOTANY
S.D WOMEN'S COLLEGE, RAJGANGPUR

INTRODUCTION

it was a well planned field trip that enhanced the knowledge of the students. This trip was held on 03/01/2023 and 04/01/2023. The journey of the trip started from Sarbati devi women's college Rajgangpur to IINRG Namkum Ranchi and ICAR Plandu Ranchi with 21 students of B Sc(Botany hons) along with Mrs Reshan Ara Begum, Head of department of Botany, Ms Soumya Sefalika Rout, Lect/Botany and Mrs. Kalyani Sahoo, dem/Botany

TRIP OBJECTIVE

The main objective of conducting this field trip for students was to reinforce experiential and contextual learning on latest technology for cultivation of plants and study of plants for lac culture.

FIELD OBSERVATION

During the field visit at IINRG NAMKUM RANCHI , students were exposed to different technologies for Lac culture like pruning, bundling, inoculation, Phunki removal, spray of insecticides and fungicides, crop harvesting, production, processing, and value addition etc. by the guidance of senior experts. Students also visited to the institute museum, received knowledge about Poly house, agro-shadenet house, rose garden, host species of lac insects, floriculture, vegetable culture, agro based machineries etc. On next day we visited another institute ICAR PLANDU RANCHI, where the students were exposed to different techniques available for farmers along with all the different types of useful plants, flowers, tree species and identified various flora and fauna of the

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instructional farm. The students were guided by Dr. Santosh S Mali(senior scientist,LWME),Students were exposed to cutting edge technologies covering the aspects of solar equipments,drip irrigation and mulching,poly house nursery production,grafting techniques,Agro-shadenet house,landscaping,vermicomposting,mushroom production units etc.Then we went to the lab where they showed us how a raw sample is first tested then it is sent for the processing. Then we saw a section where everything was done by robots and computers and employees were just operating them. Due to the shortage of time and as there were many things to watch and to ask, we tried to get contact numbers to the host to arrange future trip.

CONCLUSION

Really this field trip was very much useful for the students where they learnt about different types of plants and methods related to agriculture.

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ICAR-Research Complex for Eastern Region
 Farming System Research Center for Hill and Plateau Region
 Plandu, Namkum, Ranchi - 834010



Dr. S. K. Naik
 Principal Scientist

Date: 04-01-2023

To,
 The Principal,
 Sarbati Devi Women's College,
 Rajgangpur, Sundargarh - 770017

Sub: Feedback on field visit of B.Sc. Students – reg.

Sir/Madam,

With reference to the subject cited above, I wish to inform your good self that as per your request, 22 students of B.Sc. Botany (Hons.) of your college along with Mrs. Resha Ara Begam, Head of the Department of Botany, Mrs. Kalyani Sahoo, Demonstrator of Botany and Mrs. Saumya Sefalika Rout Lecturer in Botany Department visited this institute on 04.01.2023. During the field visit to our different demonstration units FSRCHPR, Ranchi the students were exposed to different technologies available for farmers along with all the different types of flowers, useful plants and tree species and identified various flora and fauna of the instructional farm. Along the tour, the students were guided by me along with Dr. Santosh S Mali (Senior Scientist, LWME) on various livelihood opportunities and new technologies available for farmers of the Eastern Plateau and Hill Region of India. Students were exposed to cutting-edge technologies covering the aspects of solar equipment, drip irrigation and mulching, poly house nursery production, grafting techniques, Agro-shadenet house, landscaping, vermicomposting and mushroom production units.

I congratulate the cogative students along with their teachers for showing keen interest and interacting with scientists at our centre. Students had discussions on a wide range of researchable issues and cleared the doubts they had about the technologies. My special thanks and appreciation to the Principal, Sarbati Devi Women's College for the meticulous guidance and encouragement to students for undertaking such an educative study tour.

With warm regards.

Yours Faithfully

(S K Naik)



भाकृअनुप.- राष्ट्रीय द्वितीयक कृषि संस्थान
ICAR-NATIONAL INSTITUTE OF SECONDARY AGRICULTURE

(Formerly Indian Institute of Natural Resins and Gums)

नागकुम, राँची-834010 Namkum, Ranchi - 834 010 Jharkhand



To,
The Principal,
Sarwati Devi Women's College,
Rajgangpur, Sundargarh-770017, Odisha, India.

Sub : Feedback on Field visit of B.Sc. Bot (Hons) Students

Ref : Your Letter No.1744/SIDWE. Dated : 17.12.2022.

Sir,

With reference to the above, I would like to inform your good self that as per your request 22 number of Students B. Sc. Botany (Hons) of your College along with Mrs. Reshan Ara Begum, Head of the Department of Botany, Mrs. Kalyani Sahoo and Ms. Soumya Sephalika Rout (Faculties) visited this Institute on 03.01.2023.

During the field visit to our different demonstration Units of ICAR - National Institute of Secondary Agriculture - NISA (Formerly: ICAR - Indian Institute of Natural Resins and Gums - IINRG), Namkum, Ranchi, Jharkhand, the Students were exposed to different Technologies of Lac culture, like Pruning, Bundling, Inoculation, Phunki removal, Spray of Insecticides & Fungicides, Crop harvesting, Production, Processing and Value addition etc. by the guidance of Institute Experts.

A huge and awesome application of Lac in different fields were known by the Students during the visit to the Institute Museum of ICAR - NISA, Namkum, Ranchi-10.

They received knowledge about Poly house, Agro-shednet house, Rose garden, indigenous & exotic host species of lac Insects, Floriculture Units, Vegetable culture, Agro based Machineries etc.

I heartfully congratulate the Students along with their Teachers for showing keen interest and interacting with Scientists on every aspect clearing their doubts of all the demo- Units they visited.

My special thanks and appreciations to their Principal for nice guidance and encouragement to his Students for undertaking such educative field visit.

With warm regards,


04/01/2023
(Nirmal Kumar)
Principal Scientist & Head
PEM Division