

S.R.R & C.V.R. GDC (A) – Vijayawada

Dept. of Chemistry

Field visit to ICAR – IOPR (Indian Institute of Oil Palm Research) – Pedavegi, A.P. on 07.06.2022

Prepared by Dr. Sk. Beebi

We the dept. of Chemistry, arranged an educational field visit to IOPR, on **07.06.2022 for II B.Sc. Chemistry** combination group students. ICAR-IOPR is one of the Indian Agricultural Research Institute meant for Palm oil research, Popularly Known as **Indian Institute of Oil Palm Research**, located at Pedavegi, West Godavari dt, A.P.

The programme is coordinated by **Dr. Sk. Beebi** lecturer in Chemistry, along with Head of the Dept. of Chemistry **Dr. V. Srinivasa Rao** under the guidance of the College principal **Dr. K. Bhagya Lakshmi** and other faculty members of chemistry dept. 45 students of II B.Sc, (M.P.C, M.B.C, M.C.CS, B.Z.C) participated in this programme.

Objective of this visit:

Prime objective of this tour is inculcation of scientific thinking among the students. IOPR is one and only research institute of palm oil located in India.

- Knowing and observing how research is done in this institute would help the students to **frame the basic idea of how the chemistry knowledge that they acquired in graduation would help to do the research.**
- To know the various job opportunities in research institutes.
- To develop friendly relation among the peer members of students and with teachers



S.R.R. & C.V.R. GDC (A), Vijayawada

Dept. of Chemistry

**“Field Visit to ICAR-IIPOR, Pedavegi , West Godavari dt. on
07.06.2022”**

List of students attending to Field trip from II B.Sc on 07.06.2022

S.No	Name of the student	Gender	Group
1.	Rajya Lakshmi	F	M.B.C
2	Muthyam	F	M.B.C
3	Bhanu Teja	F	M.B.C
4	Tejaswi	F	M.B.C
5	Nagalakshmi	F	M.B.C
6	Sai Prasanna	F	M.P.C
7	Stephen	M	M.P.C
8	Manikanta	M	M.P.C
9	Manish Varma	M	M.P.C
10	Vijayasri	F	M.P.C
11	S. Srikanth	M	M.P.C
12	P.Samuel Raj	M	M.P.C
13	Bhanu Prakash	M	M.P.C
14	A.Bala Subrahmanyam	M	M.P.C
15	N. Sunil	M	M.P.C
16	P.Lokesh	M	M.P.C
17	K.Chandra Shekhar	M	M.P.C
18	Varun	M	M.P.C
19	G.V. Goi Raj	M	M.P.C
20	Sasikanth	M	M.P.C
21	Rajesh Raddy	M	M.P.C
22	Hemanth	M	M.P.C
23	Sai	M	M.P.C
24	K. Kiran Kalyan	M	M.P.C
25	V. Adarsh Kumar	M	M.P.C
26	J. Narendra	M	M.P.C
27	Mahesh	M	M.P.C
28	Mahima	F	M.P.C
29	M.Devadinesh	M	M.P.C
30	K.Aditya Raju	M	M.P.C
31	Lakshmi Prasanna	F	M.P.C
32	J Sateesh	M	M.P.C
33	Lochan Sai	M	B.Z.C
34	Mounika	F	B.Z.C

35	Hema Sri	F	B.Z.C
36	K. Abhishek	M	B.Z.C
37	Y. Jagadeesh	M	B.Z.C
38	Sk. Baji	M	B.Z.C
39	G. Sai Kumar	M	M.C.CS
40	Nagaraju	M	M.C.CS

Total no. of Students: 40 :: Girls: 11 , Boys: 29 accompanied by

2 faculty members: Dr. V. Srinivasa Rao HOD, Chem.
Dr. Sk. Beebi, Dept. of Chemistry

Dept. of Chemistry - Field visit on 07.02.2022

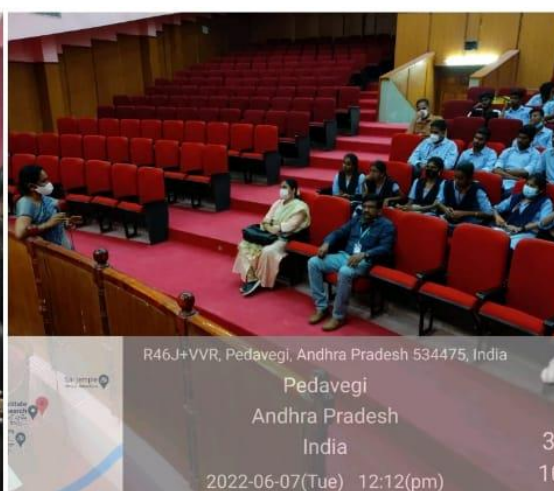


Field visit at Glance: During this visit, Dr. K. Manorama, Principal scientist, explained in very elaborated manner the following issues.

- ❖ what is the need of this palm oil research in India?
- ❖ What are the suitable conditions to grow palm oil farms?
- ❖ How is the soil analysed for best growth of palm trees?
- ❖ How do they analyse the growth of palm trees by looking at quality of leaves?
- ❖ What are minerals and elements needed for growth of palm trees.



A brief introduction of Vision and Mission of IIOPR given by **Dr. Manorama, Principal scientist** and student interactive session with her.

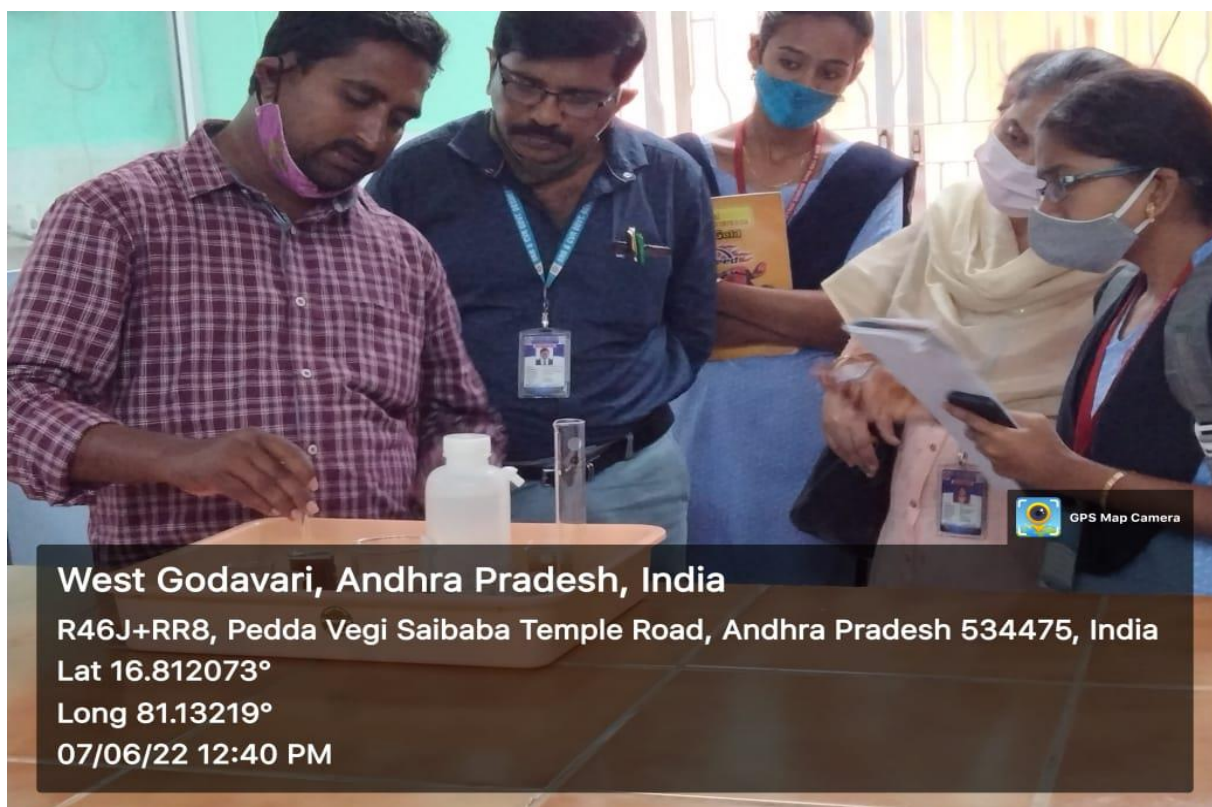


Mr. Venkateswara Rao, lab analyst illustrated the instrumentation in soil and leaf analysis lab.

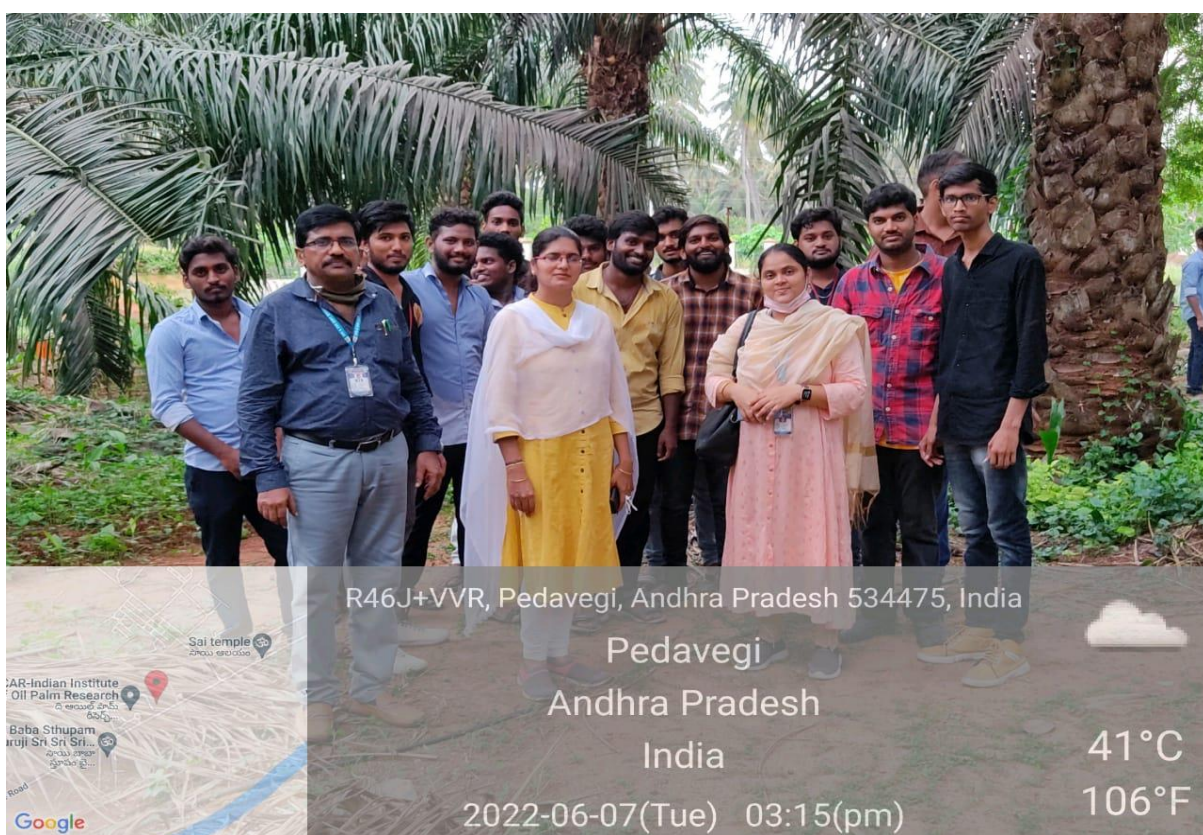
- ❖ Determination of N, P, K, B and Mg content in the soil by different instrumental techniques like Spectrophotometers, Conductometers, Flame photometer, P^H meters, Kjeldhal and titration methods.



Explaining how soil samples are prepared for quality analysis

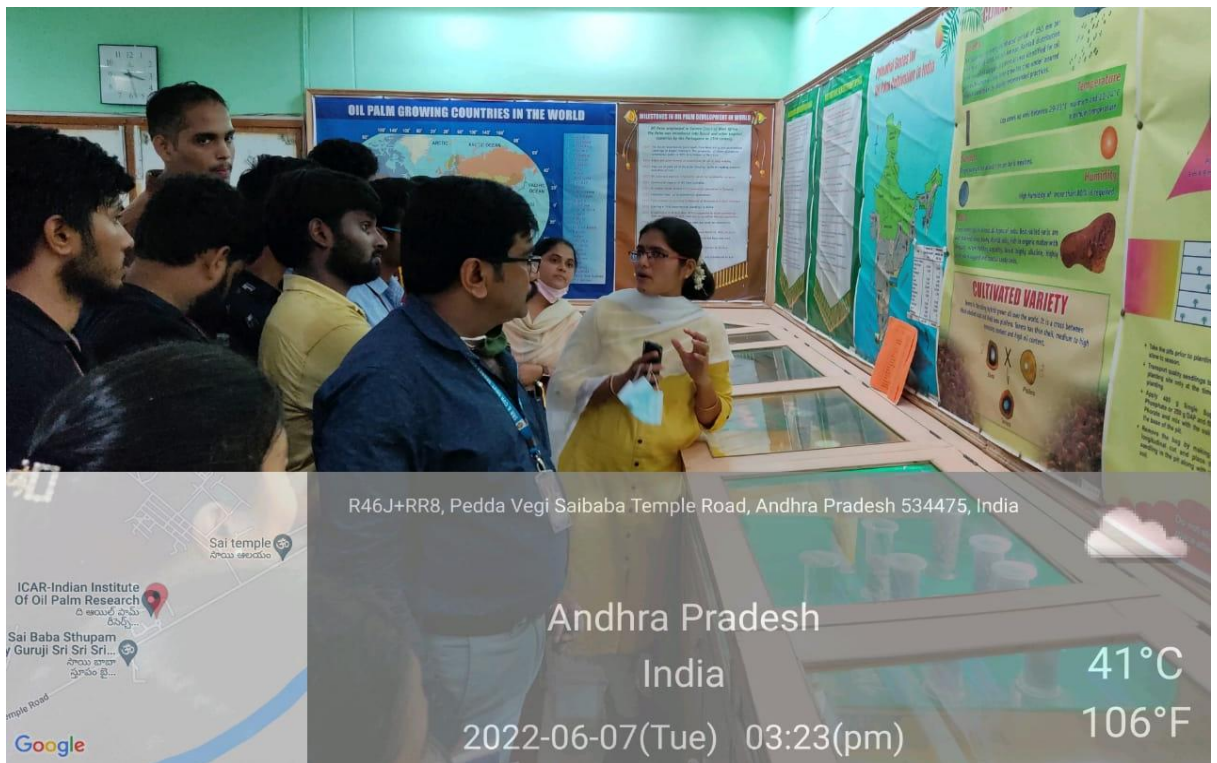


Preparing soil suspension for pH and conductometric determination



Dr. Bhagya, Scientist , explained the in field requirements of oil palm trees

Later students were taken in to museum, where various plant parts, seeds and all the bi products made of palm extracts are preserved



Museum- IIOPR, Pedavegi

Students felt very happy and they have an interaction session with scientist of IIOPR at the end.



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క్షేత్ర పర్యటన

మాచవరంలోని ఎస్సెస్ రార్ అండ్ సీవీఆర్ ప్రభుత్వ డిగ్రీ కళాశాల రసాయనశాస్త్ర విభాగం ఆధ్వర్యంలో టీఎస్సీ ద్వితీయ సంవత్సరం విద్యార్థులను ఏలూరు జిల్లా పెదవేగిలోని ఐసీఎఆర్-ఐఐపీఆర్ (ఐసీఎఆర్-ఐండియన్ కౌన్సిల్ ఆఫ్ అగ్రికల్చర్ రీసెర్చ్-ఐండియన్ జినిస్టిక్యూట్ ఆఫ్ ఆయిల్ పామ్ రీసెర్చ్)కు క్షేత్ర సందర్శనకు మంగళవారం తీసుకెళ్లామని రసాయనశాస్త్ర విభాగాధిపతి డాక్టర్ వి.శ్రీనివాసరావు తెలిపారు. ఐఐపీఆర్ శాస్త్రవేత్త డాక్టర్ కె.మనోరమ విద్యార్థులకు పామ్



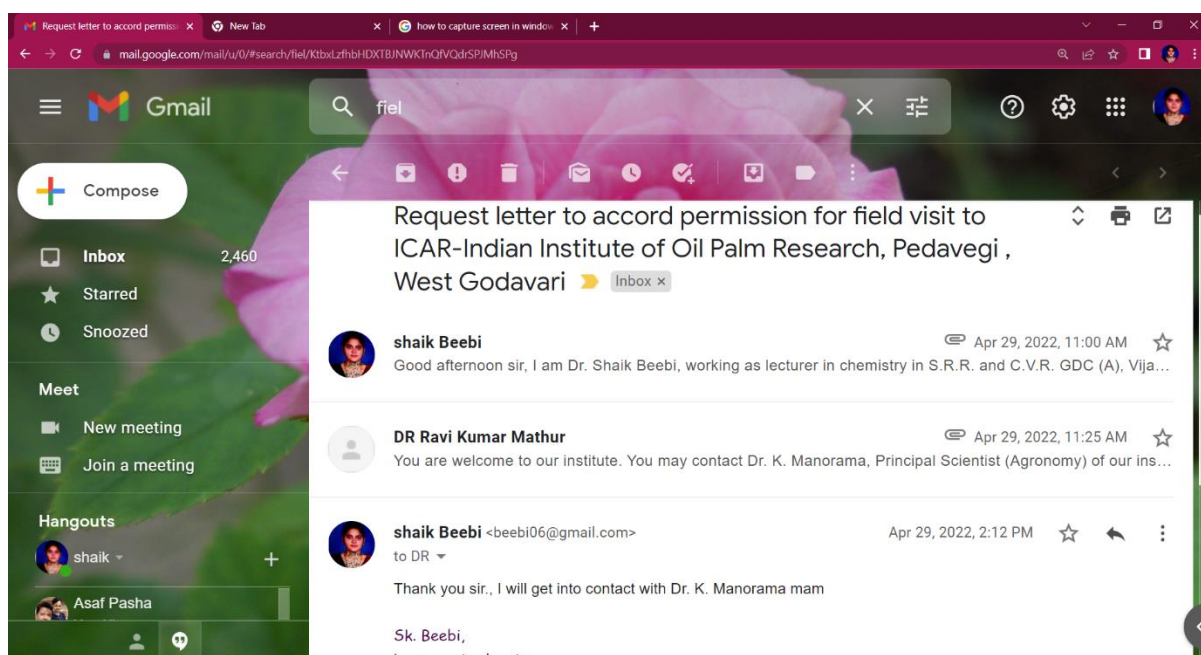
ఆయిల్ సాగు, విశిష్టతపై అవగాహన కల్పించారని చెప్పారు. మట్టి, పామ్ ఆయిల్ పై పరిశోధనలు వివరించారు. 45 మంది విద్యార్థులు, డాక్టర్ ఎస్కే టీబీ పాల్గొన్నారు. - న్యూస్టుడే, మాచవరం

Date : 08/06/2022 EditionName : ANDHRA PRADESH(AMARAVATI NTR) PageNo :

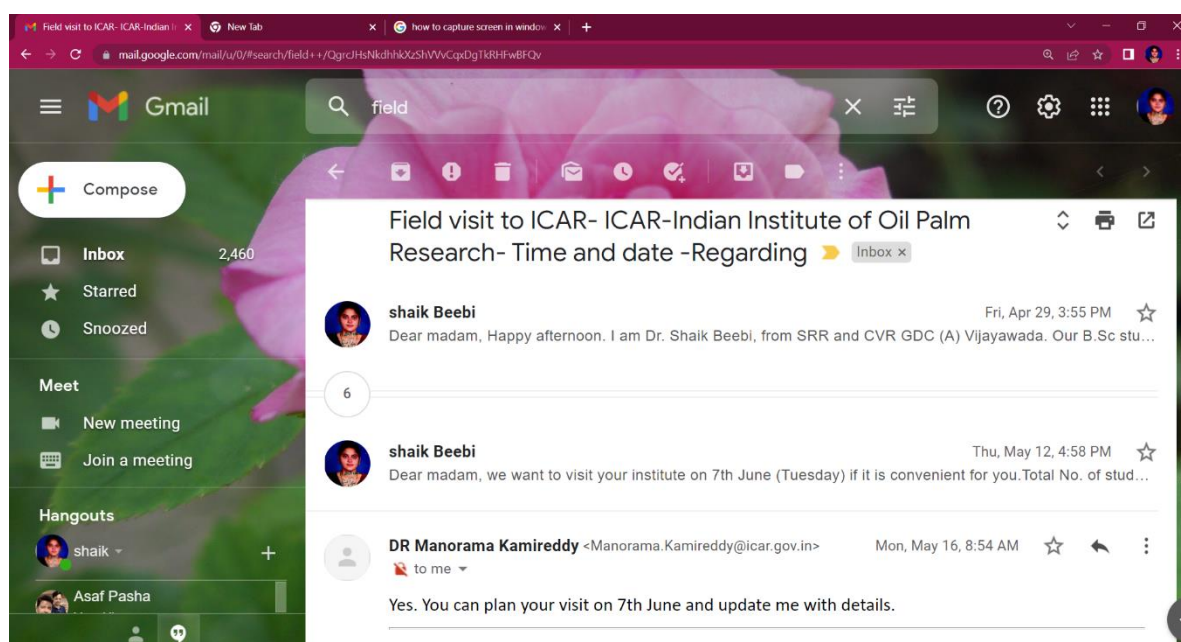
Media coverage of the tour on 07.06.2022 in EENADU

Correspondence:

Planning of the tour: Proper long term planning and management made our tour a fruitful one. We have taken the permission from the director of IIPOR in the month of April, 2022 and he accepted our request and assigned **Dr. Manorama** Mam for planning the tour. Finalising the dates and permission to utilise the canteen facilities is accorded through proper correspondence.



Request mail to accord permission for the visit to director, IIPOR, Pedavegi



Correspondence mail to confirm the dates and time



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Dr. K. Bhagya Lakshmi, M.Sc., M.Phil, Ph.D.
Principal

Date

To

29.04.2022

The Director,

ICAR – Indian Institute of Oil Palm Research,

Pedavegi- West Godavari,

Andhra Pradesh.

SUB: Request to accord permission to field visit to ICAR-Indian Institute of Oil Palm Research, Pedavegi, West Godavari for B.Sc - Chemistry students of SRR & CVR GDC(A), Vijayawada, Regarding.

Dear Sir,

This is a request letter to seek your kind permission to field visit to ICAR-Indian Institute of Oil Palm Research, Pedavegi, West Godavari for **Chemistry students of SRR & CVR GDC(A), Vijayawada**. As a part of Co-curricular activity, field trips help the students to enhance their critical thinking skills and they would have real world experiences.

As your institute is one of the pronounced national research institutes for oil palm, Students would get exposure to the different processes and techniques in extracting of oil from palm trees. In this regard, we humbly request you sir to kindly permit the students to field visit to your institute. In this connection, we are pleased to introduce SRR & CVR Govt Degree College (A), a premier institute of central Vijayawada.

The total number of students will be around 60, accompanied by four faculty members. We assure that our students will strictly follow your guidelines. We request you to grant permission. We highly appreciate your acceptance.

Thank you.

We look forward for your positive respon

Acknowledgements:

- ✚ We sincerely thank our beloved principal mam, **Dr. K. Bhagyalakshmi garu** for her kind cooperation, guiding us in planning the tour and especially for her suggestions in systemising the transportation facility.
- ✚ We extent our heartfelt thanks to **Dr. Sd. Vazeeha Tahassen**, Lecturer in biochemistry for suggesting and sharing the eminence of ICAR- IIOPR.
- ✚ Our special thanks to **Dr. P. Balasubramanyam** garu, Lecturer in political science for his association in arranging the transportation facility.
- ✚ Our thanks and appreciations to **Mr. Sk. Karimulla, II B.A student** for his active involvement in arranging the bus.
- ✚ Our whole hearted thanks to our colleagues in chemistry dept., all the students and IIOPR team , who took part in this tour.

Feedback has been collected via google form. Students have given a satisfactory feed back on this field visit.

1. Dr. V. Srinivasa Rao, HoD, Dept. of Chemistry

2. Dr, Sk. Beebi, Lecturer in Chemistry

