

GOVERNMENT DEGREE COLLEGE, HUZURABAD

DEPARTMENT OF BOTANY

FIELD TRIP 2022-23



REGIONAL AGRICULTURAL RESEARCH CENTRE

Mulugu road, Warangal

To

Date: 24-02-2023.

The Principal,
Government Degree College, Huzurabad

Dist: Karimnagar – T.S.

Sir,

Sub:- Field Trip – B.Sc Life Science students to visit Regional
Agricultural Research Centre, Mulugu road, Hanamkonda – Requesting
permission - regarding.

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Adverting to the subject cited above, The Department of Botany planned to visit
Regional Agricultural Research Centre, Mulugu Road, Warangal on 28.02.23. This field trip is
aimed to understand Soil testing procedure, Plant Pathology, Vermicompost, Exotic Fruit plants
etc.

Hence, we humbly submitting that grant us permission to visit the above said Research
Centre with Students.

Thanking you sir.

Yours faithfully,

C. Raja Kumar

(C. Raja Kumar, Asst. Prof of Botany)

In-charge, Dept. of Botany
Govt. Degree College, Huzurabad

permitted
che
24/02/23

GOVERNMENT DEGREE COLLEGE, HUZURABAD
FIELD TRIP 2022-23
Department of Botany
List of Students Attended the Field Trip

SL.No	Name of the Student	Year&Group	Signature
1	K. Vani	B.Sc (LS) Final Yr	K. Vani
2	G. Chinnika	"	G. Chinnika
3	T. Pavani	"	T. Pavani
4	E. Umarani	"	E. Umarani
5	B. Akash Teja	"	B. Akash teja
6	K. Harinadh	"	K. Harinadh
7	G. Sweety	B.Sc (LS) Second Yr	G. Sweety
8	K. Anjali	"	K. Anjali
9			

FIELD TRIP REPORT

Objectives:

- To know the importance of soil testing and soil testing procedure.
- To know the essentiality of micro & macro nutrients in plant growth and development.
- To understand isolation procedure of pathogen and diagnosing plant diseases.
- To get practical knowledge about culture lab equipment and techniques.
- To observe Green House and Exotic fruit species.

Report:

Department of Botany conducted a field trip to Regional Agricultural Research Centre, Mulugu road, Warangal on 28.02.23. B.Sc Life Science students along with other students and Faculty members attended the Field Trip.

The entire trip was accompanied by Smt. Shakunthala, Agricultural Officer, RARC and she introduced different Departments and their working.

Students visited Soil testing centre at RARC and observed PH measuring, NPK estimating machinery. Students visited Pathological Lab and directly observed Laminar Air Flow inoculation chamber, Autoclave and Incubation chamber.

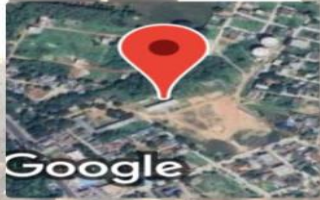
Later students visited Green House where Pathological experiments have been conducting on Rice crop. Students walked around the RARC premises and noticed Exotic fruit plants like Dragon Fruit and Star Fruit.

After completing the visit at RARC, our journey continues to District Science Centre, Veyisthambala Gudi and Kakatiya Zoological Park.

Outcomes:

- Students understand the importance of soil testing and soil testing procedure.
- Students understand the essentiality of micro & macro nutrients in plant growth and development.
- Students can describe isolation procedure of plant pathogen and diagnose some plant diseases.
- Student can comment on culture lab equipment and techniques used.
- Students understand different parameters maintained in Green House. Exotic fruit species.
- Students observed Exotic fruit species.
- Students also observed high nectar containing plants and understand their importance in protecting Butterfly biodiversity.





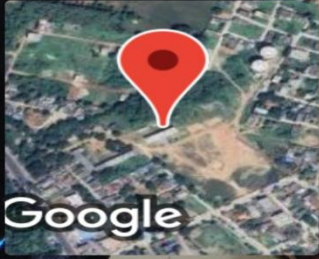
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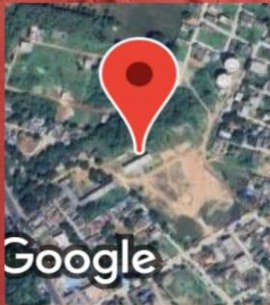
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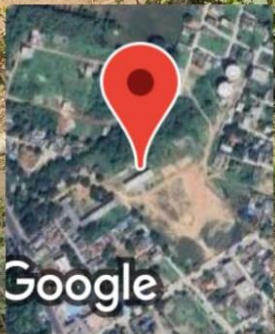
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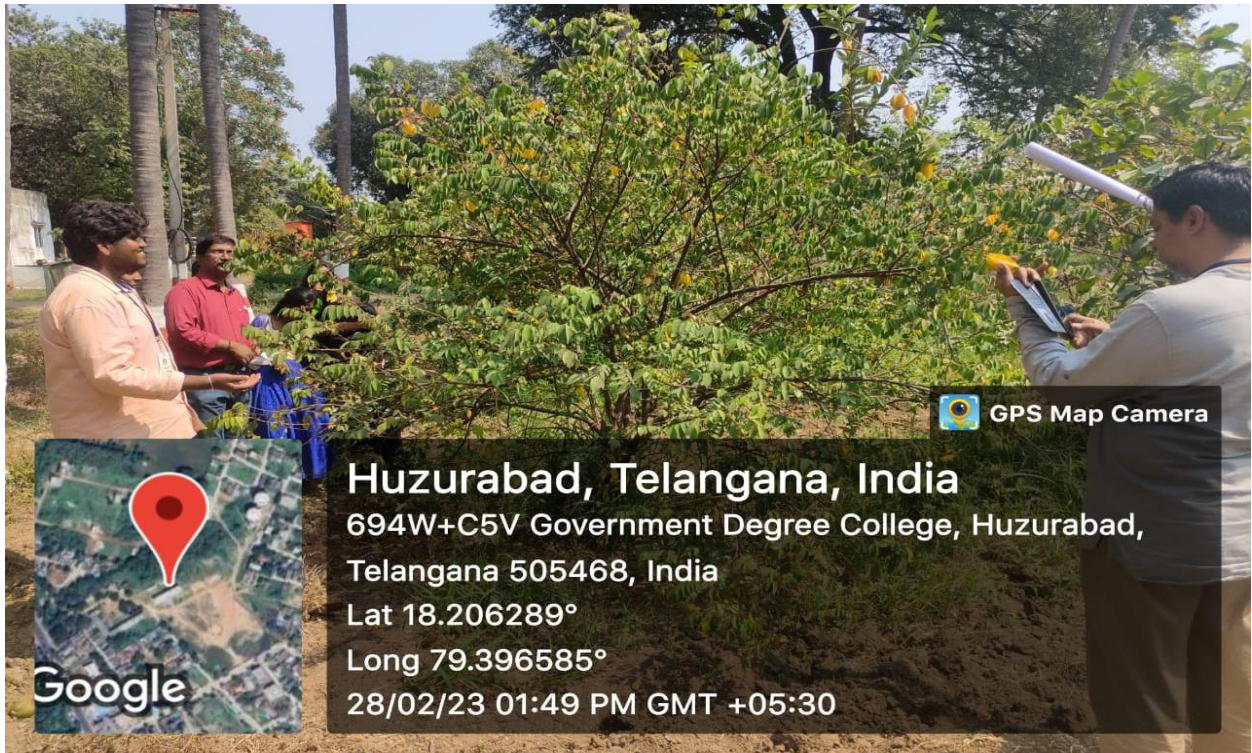
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Kakatiya Zoological Park – Butterfly Zone – high Nectar yielding Plants