

PERMISSION LETTER

TO

Date: 14-10-2022

The Principal

Government Degree College


Luxettipet

Sir

As, Department of chemistry is planning to go to field trip to bellampelly Krishi vignana Kendra develop interest and enthusiasm about organic farming , apiculture and different types of fertilizers and pesticides used in farming among students of B.Sc. chemistry (B.Z.C & M.P.C) students. Hence I request you to give permission to go field trip. Kindly grant permission for field trip on 17-10-2022.

Thanking you sir

Yours sincerely



M. Kumara swamy

Head of department

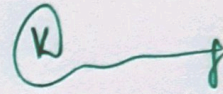
Department of chemistry

D. K. J. L
Principal
Govt. Degree College
Luxettipet- 504 217

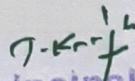
NOTICE TO STUDENTS

DATE: 15-10-2022

Students of MPC, Life sciences are informed that the department of chemistry, GDC Luxettipet is planning to go field trip to Bellampelly Krishi vignana Kendra on 17-10-2022 to learn about fertilizers, pesticides, and apiculture used in farming in scientific way. Interested students are informed to register for field trip.



Department of chemistry



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List of students enrolled for field trip:

Sl.no.	Name of the student	class	Hall ticket number	Remarks
1	A. Akila	Dairy - III	439213501	
2	M. Arun kumar	Dairy -III	439213518	
3	S. Shyam	Dairy-III	439213521	
4	S. Rakesh	Dairy-III	439213523	
5	A. Ravi	MPC-III	439214001	
6	K. Srivani	MPC-III	439214006	
7	Ch. Mallesh	MPC-III	439214004	
8	N. Prachethan	MPC-III	439214009	
9	R. Raju	MPC-III	439214011	
10	Ch. Anjanna	MPC-III	439214003	
11	T. Surya	Crop-III	439213427	
12	E. Swathi	BZC-III	439213211	
13	Harshavardhini	BZC-III	439213234	
14	T. Priyanka	BZC-III	439213238	
15	P. Siddhartha	MPC-II	439224007	
16	Laxmi Prasanna	MPC-II	439224012	
17	T. Sushmitha	MPC-II	439224013	
18	R. Saipriya	MPC-II	439224011	
19	Sumalatha	BZC-II		
20	Poojitha	BZC-II		

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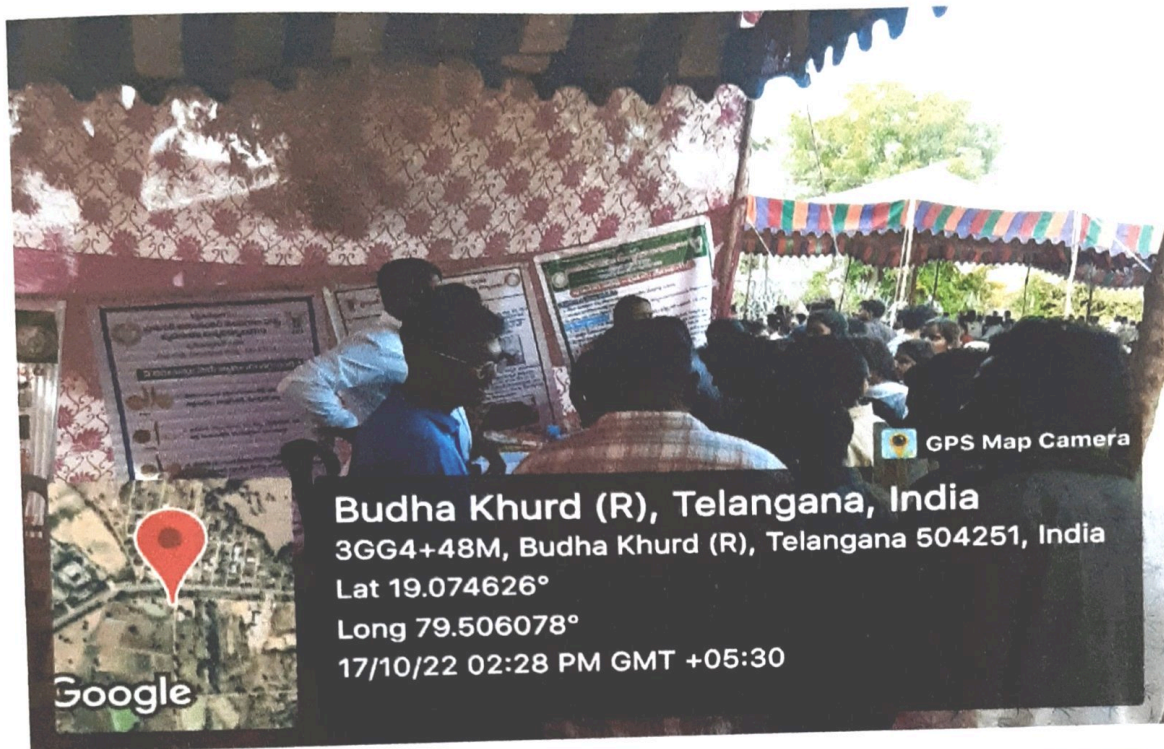
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Field trip photos



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SUMMARY:

Students visited bellampelly kvk on 17-10-2022 under guidance of faculty and on visiting the research station they observed the fields and apiculture. The scientists of research station guided them and clarify the doubts of students on innovative agriculture techniques.

From this field trip students learnt about many innovative techniques using in agriculture like

BEE VECTORIZING TECHNOLOGIES:

BVT uses commercially reared bees to deliver targeted crop controls through pollination, replacing chemical pesticides with environmentally safe crop protection system. The system doesn't require spraying water or use of the tractors, instead the scientifically designed bumblebee hive allows bees to pick honey and also used to pollination.

This innovation in agriculture technology supports improved sustainable farming, crop yield and soil quality.

JUTE CULTIVATION:

Jute cultivation is used to prepare green manure. This green manure improve soil structure, increases water holding capacity and decreases soil loss by erosion.

SOIL TESTING:

A soil test lets the farmers understand what amount of nutrients are already present in the soil and how much extra

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is needed. It helps in bringing increased uniformity of nutrient availability across the fields for more uniform crop growth.

TRAP CROPPING:

Trap cropping is planting a preferred host plant of an insect pest near the primary crop that is to be protected. The pest then infests the preferred or "trap" crop instead of the primary crop. If necessary, the pests can then be killed in the trap crop. Trap crops can be any species that the pest prefers—even be the same species as the primary crop. If the trap crop is the same species as the primary crop, it should be planted at a time that will best lure the pest away from the primary crop.

FEED BACK OF STUDENTS:

SL.NO	NAME OF THE STUDENT	FEED BACK	SIGN
1	P. Siddhartha	Subject oriented program - Super.	P. Siddhartha
2	T. Sushmitha	Very useful to Regular studies.	Sushmitha
3	S. Shyam	Learnt alot - great Experience	S. Shyam
4	Arun Kumar	It is useful to Agricultural family like me.	Arun
5	Sumalatha	Useful, very good practical experience	Sumalatha
6	Poojitha	program explanation is very good	Poojitha
7	A. Akila	Enjoyed alot with nature - good experience	Akila

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