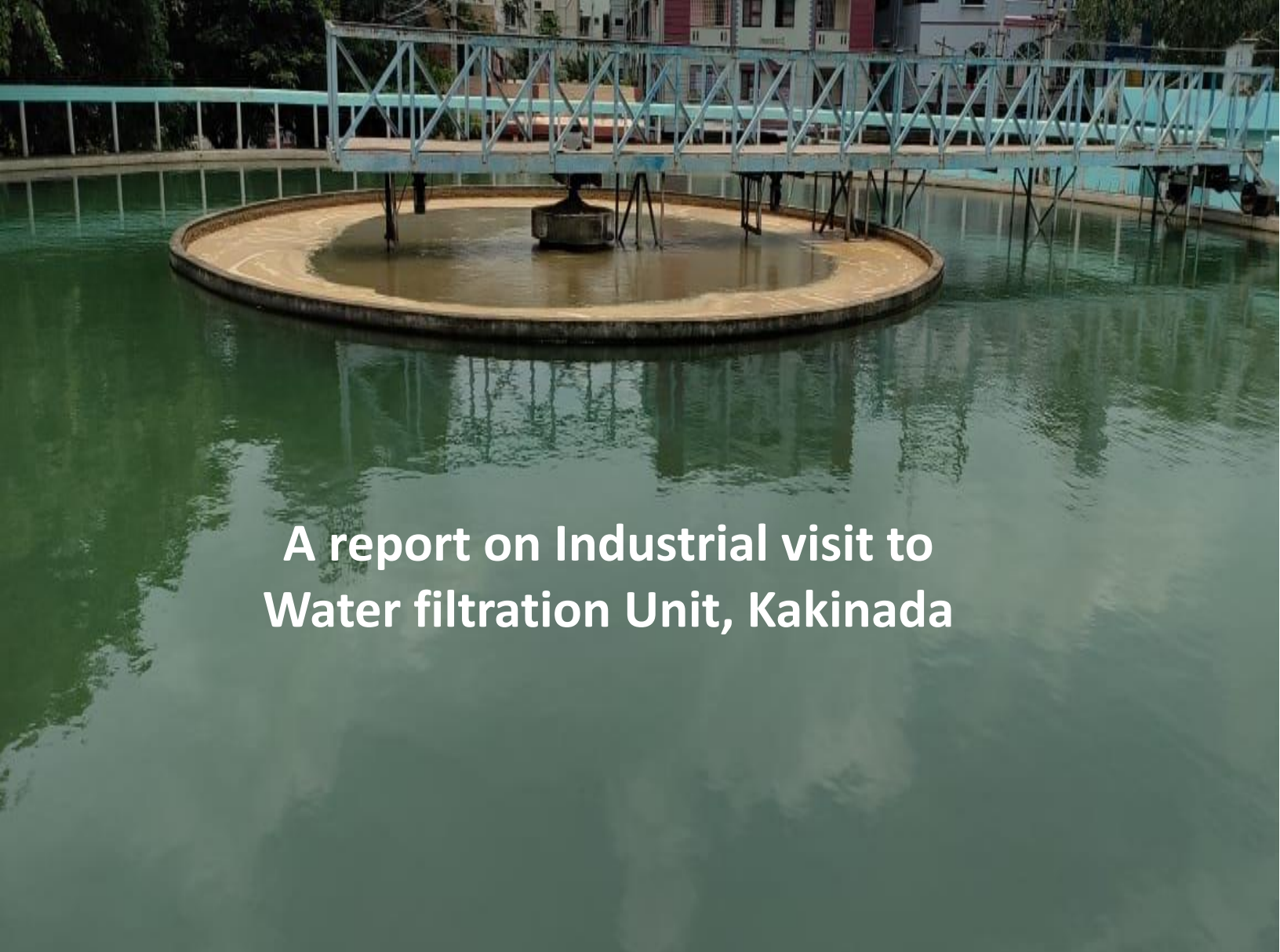
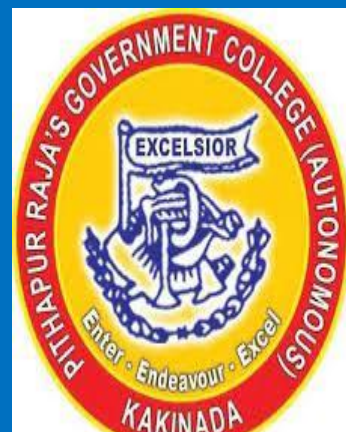




A report on Industrial visit to Water filtration Unit, Kakinada

August 3rd 2022

**Department of Microbiology and Biotechnology
P.R. Government College (A), Kakainada**



Industrial Visit to Water Filtration Unit

Hosts of the Tour:

Dr. B. Lakshmi- HOD Department of Microbiology

G.P Chakravarthi- HOD Department of Bio- Technology

G.N.V Satish- Lecturer, Department of Bio-Technology

Total Number of students - 52

*Our sincere thanks to the Principal of PRGC “ Mr. BV. Tirupanyam” ,
the IQAC coordinator, “Dr. B. Elia” and the academic coordinator “Dr.
ChennaRao” for providing support and assistance.*



About the Unit

The municipal water filtration unit in Kakinada is mainly concerned with the filtration and disinfection of the water and supplies to the whole city.



Fig: 1 Source of water supply from Salmalkot



Fig: 2 Primary filtration site



Fig: 3 & 4 students at the site of Primary filtration unit, following the explanation of the process by the instructors



Fig: 5 & 6 Explanation of the Filtration process through slow sand filters and rapid sand filters



Fig: 7 Chlorine cylinder for chlorination of water (chlorine pumped through the pipes to the filtered water for disinfection)



Fig: 8 Chlorinated water stored in the tanks for checking the ppm of Chlorine before supply



Fig: 8 Valve for pumping filtered water into large storage tanks



Fig: 9 Filtered water ready for distribution in the city



Guest Lecture Organized by
Department of Microbiology and
Biotechnology

Date: 25th August 2022

Hosts :

Dr. B. Lakshmi- HOD Department of Microbiology

G.P Chakravarthi- HOD Department of Bio- Technology

G.N.V Satish- Lecturer, Department of Bio-Technology

Total Number of students – 52

.Speaker: Dr. I.J.N. Padmavathi

Department of Biochemistry

Adikavi Nannaya University

Rajahmundry

Topic: “Endocrine Mechanism of Cellular functions”



Fig.1. Welcome note by Principal



Fig.2. Welcoming the speaker by a flower bouquet



**Fig.3. Read out of the speaker profile by
Sri G.P. Chakravarthy**



**Fig.4. Addressing students regarding Guest Lecture by
Dr. B. Lakshmi**



Fig.5. Guest Lecture topic presentation



Fig.6. Students attending the Guest Lecture

**National Webinar on Importance of
Undergraduate Research in Microbiology
and Biotechnology to explore job and self-
employment possibilities**

**JOINTLY ORGANIZED BY
DEPARTMENT OF MICROBIOLOGY
AND BIOTECHNOLOGY**



**PITHAPUR RAJAH'S GOVERNMENT
COLLEGE (AUTONOMOUS),
KAKINADA, ANDHRA PRADESH**



PITHAPUR RAJAH'S GOVERNMENT COLLEGE (AUTONOMOUS) KAKINADA

National Level Webinar 08.12.2022

**COORDINATED BY DEPARTMENT OF MICROBIOLOGY AND
BIOTECHNOLOGY**

LIST OF PARTICIPANTS

Serial no	Name	Organization
1.	Dr. B. Lakshmi	HOD, Microbiology
2.	Sri G.P. Chakravarthy	HOD, Biotechnology
3.	G.N.V. Satish	GF, Biotechnology

All the First, Second- and Third-year students of Microbiology and Biotechnology has participated in the webinar.



Release of Webinar brochure by Respected Principal Dr. B. V. Tirupanyam, Vice Principal Dr. D. Chenna Rao and IQAC co-ordinator Dr. B. Elia

Webinar Brochure



PITHAPUR RAJAH'S GOVERNMENT COLLEGE (A)

KAKINADA - 533 001, ANDHRAPRADESH

(Affiliated to ADI KAVI NANNAYA UNIVERSITY, Rajamahendravaram)

National Level Webinar On IMPORTANCE OF UNDER GRADUATE RESEARCH IN MICROBIOLOGY & BIO TECHNOLOGY TO EXPLORE THE JOB & SELF EMPLOYMENT POSSIBILITIES



Chief Patron

SRI D. POLA BHASKAR, IAS
SPL. COMMISSIONER,
COLLEGIATE EDUCATION, AP



Patron

Dr. R. DAVID KUMAR SWAMY,
JOINT DIRECTOR
COLLEGIATE EDUCATION, AP



Director

Dr. B.V. TIRUPANYAM,
PRINCIPAL, P.R. GOVT. COLLEGE
KAKINADA



Speaker

Prof. D.V.R. SAI GOPAL,
VICE CHANCELLOR
CLUSTER UNIVERSITY, KURNOOL



Speaker

Dr. EMMANUEL PAUL,
HEAD OF MICROBIOLOGY & BIOCATALYSIS,
ZANOPRIMA LIFE SCIENCES PVT LTD, HYDERABAD

Convener

Dr. B. LAKSHMI,
HOD, Department of Microbiology

Co Convener

SRI G.P. CHAKRAVARTHI,
HOD, Department of Biotechnology

Join us on : **08-12-2022**
10.30 am onwards

Registration link

<https://tinyurl.com/w86sn593>

Organised by

**DEPARTMENTS OF MICROBIOLOGY &
BIOTECHNOLOGY**

Webinar-Program Schedule

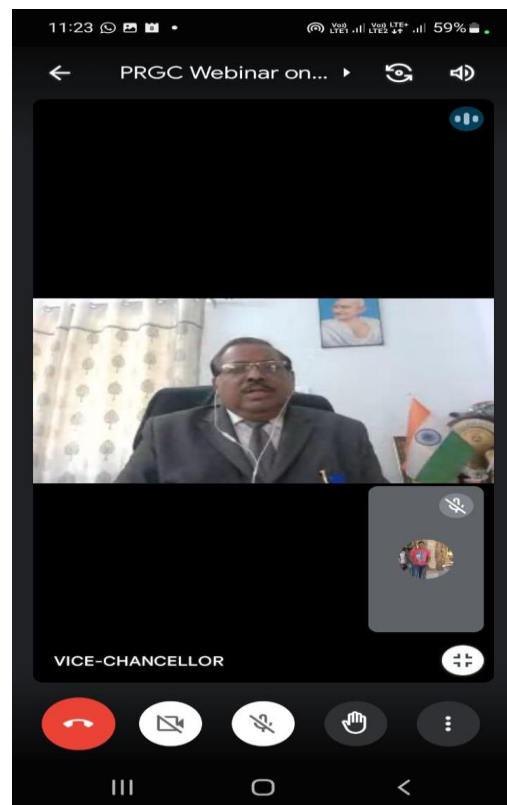
Time	Event	
10:30 am	Introduction to the Webinar	Sri G.P. Chakravarthy HOD, Department of Biotechnology
	Brief description about the Theme of Webinar	
10:40 am	Principal addressing the gathering	Dr. B. V. Tirupanyam
10:55 am	Introduction of the Speaker	Dr. B. Lakshmi, HOD, Department of Microbiology
11:10 am	Professor Addressing the gathering	Prof. D.V.R. Sai Gopal VICE-CHANCELLOR CLUSTER UNIVERSITY B-Camp, KURNOOL-518 002 Andhra Pradesh
11:25 am to 12:25pm	Lecture-2	Prof. D.V. R. Sai Gopal
12:25pm to 12:35 pm	Interactive session	Students & Participants interact with Professor
12:40 pm to 2:20 pm Lunch Break		
2:30 pm- 2:45pm	Introduction of the Speaker	Dr. B. Lakshmi, HOD, Department of Microbiology
2:45pm-3:30 pm	Lecture-2	Dr. Emmauel Paul, Head of Microbiology and Biocatalysis, Zanoprma Lifesciences, Hyderabad
3:30pm- 3:45pm	Interactive session	Students & Participants interact with Professor
4: 00 pm	Valedictory	Students



Webinar inauguration by respected Principal Dr. B. V. Tirupanyam



Introduction of the speaker by Dr. B. Lakshmi



Prof D.V.R. Sai Gopal sir addressing the gathering and delivering the lecture



Prof D.V.R. Sai Gopal garu interacting with the participants after the lecture



Participating in the after-noon session of the Webinar, Lecture by Dr. Emmanuel Paul



Students participating in the interactive session with the speaker Dr. Emmanuel Paul

Pithapur Rajah's Government College (A), Kakinada

National Science Day Celebrations-Febrary 28th 2023

Department of Microbiology and Food Technology

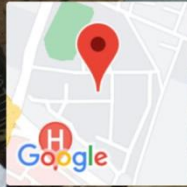
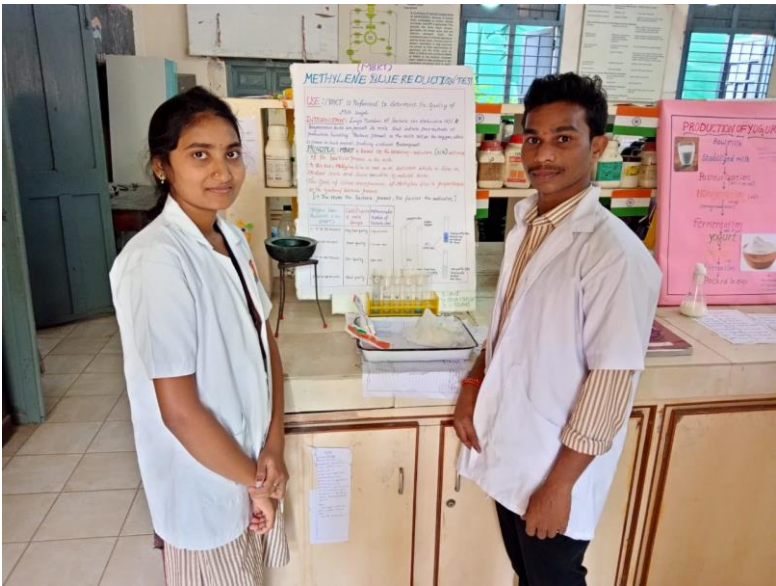
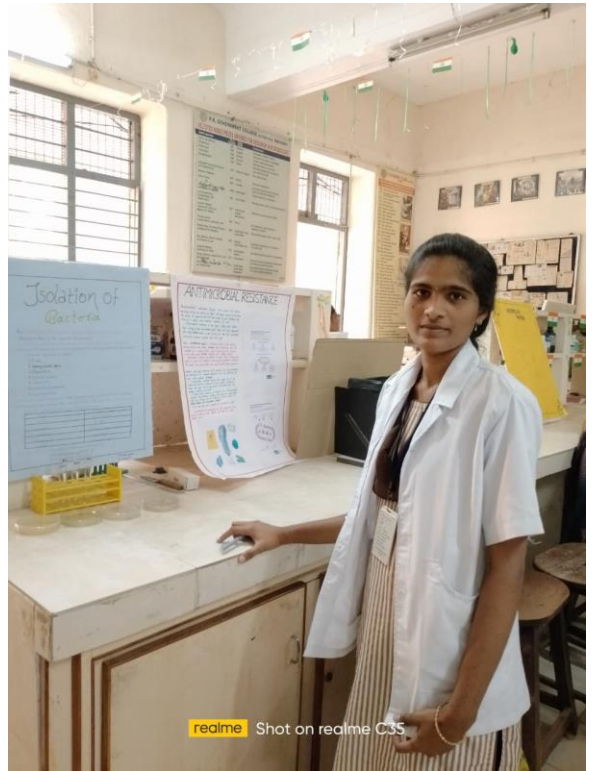
On the occasion of National Science Day, Febrary- 28th, 2023 the departments of Microbiology and B.Voc Food Technology has jointly organized the celebrations and the students participated in various activities showing their interest and creativity in science. The main theme of the National Science Day celebrations is to make the student enlighten with knowledge of Science that is globally applied and important for the Global well-being. The following activities were conducted by Department of Microbiology and Food Technology.

Activities

- 1. Poster and Model presentation competitions were conducted in the department.**

Students participated actively and presented many posters, models and projects.



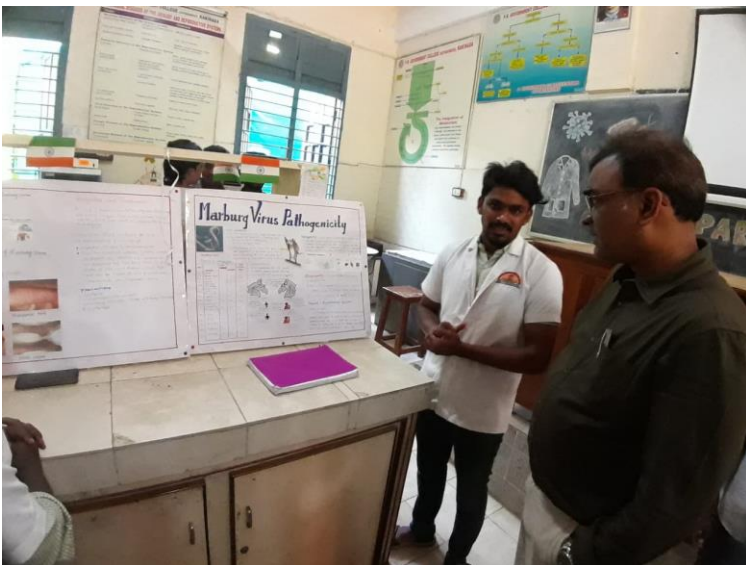


Kakinada, Andhra Pradesh, India
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Long 82.22934°
28/02/23 12:13 PM

2. Mc Laurin School students visited the department and they were shown all the exhibits.



3. The exhibits were evaluated by Sri G.P. Chakravarthy, HOD-Biotechnology.



4. The best exhibits were awarded in the Valedictory function.





Industrial visit to Biofertilizer Unit, Samalkot Kakinada

**ORGANIZED BY DEPARTMENT OF
MICROBIOLOGY**



**PITHAPUR RAJAH'S GOVERNMENT
COLLEGE (AUTONOMOUS),
KAKINADA, ANDHRA PRADESH**



PITHAPUR RAJAH'S GOVERNMENT COLLEGE (AUTONOMOUS) KAKINADA

Samarlakota Biofertilizers Unit Visit 06.04.2023

**COORDINATED BY DEPARTMENT OF MICROBIOLOGY AND
BIOTECHNOLOGY**

LIST OF PARTICIPANTS

Serial no	Name	Organization
4.	Dr. B. Lakshmi	HOD, Microbiology
5.	Sri G.P. Chakravarthy	HOD, Biotechnology
6.	G.N.V. Satish	GF, Biotechnology
7.	G. Joanna Sharmily	GF, Microbiology
8.	K. Arun Kumar	III- MBC
9.	S. Devi	III- MBC
10.	M. Ayesha	III- MBC
11.	M. Pavan Sai	III- MBC
12.	R. Divya Satya Sri	III- MBC
13.	P.S. Ranjani	III- MBC
14.	S. Uday Lal Prasad	III- MBC
15.	K. Veera Pavani	III- MBC
16.	K. Sandeep	III- MBC
17.	D. Swarna	III- MBC
18.	K. Anusha	III- MBC
19.	K. Venkata Lakshmi	III- MBC
20.	B. Roshini	III- MBC
21.	V. Surya Deepika	III- MBC
22.	P. Divya Jyothi	III- MBC
23.	D. Kalyani	III- MBC
24.	P.V.V. Lakshmi Devi	III- MBC
25.	O. Anil	III- MBC
26.	Ch. Sai Sri	III- MBC
27.	N. Chandini	III- MBC
28.	M.A.M. Sushma	III- MBC
29.	V. Siva Tarun	III- MBC
30.	S. Sudha Rani	III- MBC

31.	K. Sandhya Rani	III- MBC
32.	V. Durga Nandini	III- MBC
33.	P.S.S.N. Sai Krishna	III- MBC
34.	T. Anitha Rani	III- MBC
35.	G S HARSHITA RAJ	III- Bt.Z.C
36.	K VARDHINI	III- Bt.Z.C
37.	G NAGA KUMARI	III- Bt.Z.C
38.	B PUSPHA	III- Bt.Z.C
39.	G VEERA BHAVANI	III- Bt.Z.C
40.	CH SARITHA	III- Bt.Z.C
41.	V RAMYA ANUSHA	III- Bt.Z.C
42.	K CHAKRA SIVA SAI	III- Bt.Z.C
43.	G V RAKESH KUMAR	III- Bt.Z.C
44.	T SAI KUMAR	III- Bt.Z.C
45.	K ANUSHA	III- Bt.Z.C
46.	V DAYANA	III- Bt.Z.C
47.	K VAMSI KRISHNA	III- Bt.Z.C
48.	P JYTOSNA	III- Bt.Z.C
49.	S DIVYA MOUNIKA	III- Bt.Z.C
50.	V J SUMANTH	III- Bt.Z.C
51.	M SUNIL KUMAR	III- Bt.Z.C
52.	A LALITHENDRA	III- Bt.Z.C
53.	D L N PRASANNA	III- Bt.Z.C
54.	D SRIVALLI	III- Bt.Z.C
55.	D NAGA LAKSHMI	III- Bt.Z.C
56.	B DURGA BHAVANI	III- Bt.Z.C
57.	M SAI NITYA	III- Bt.Z.C
58.	CH UMA	III- Bt.Z.C

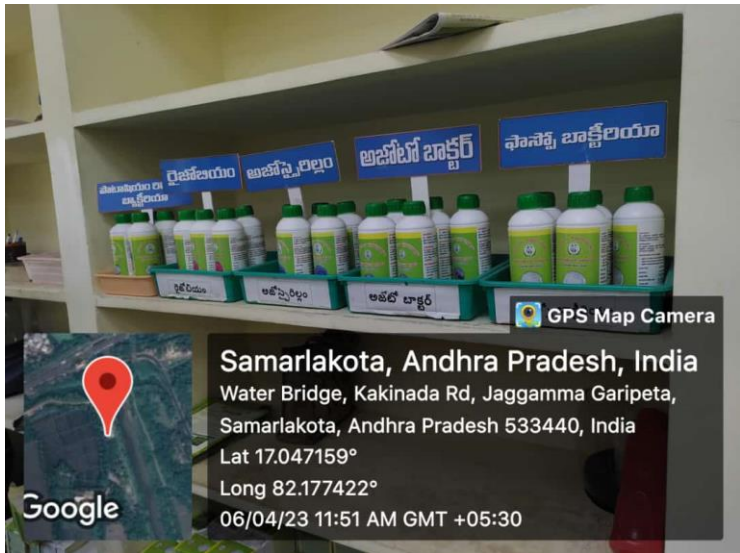
ALL III MBC and III BtZc students of P.R. Govt. Degree college have participated



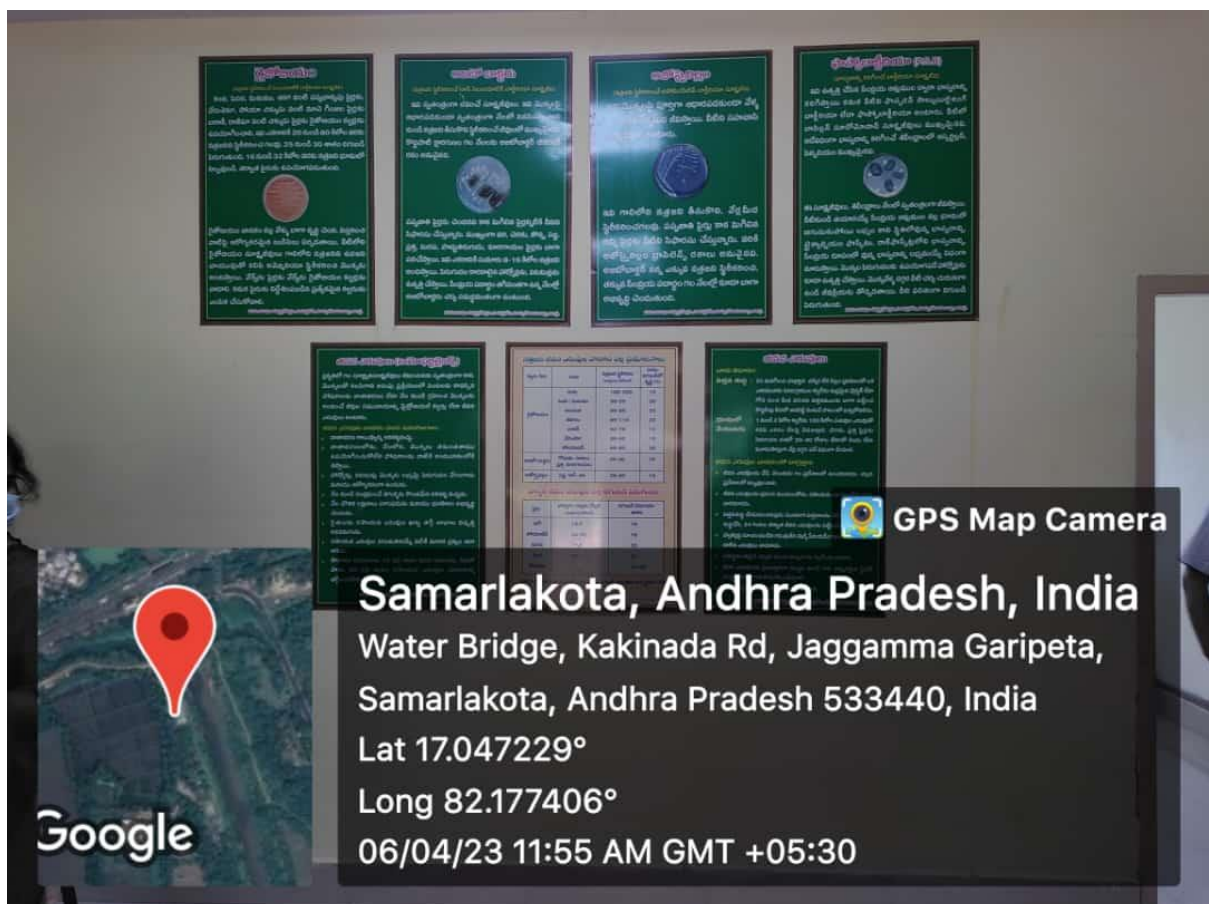
Starting of the industrial visit at the college



Lecture by the Agriculture expert on the important microbes used as Biofertilizers



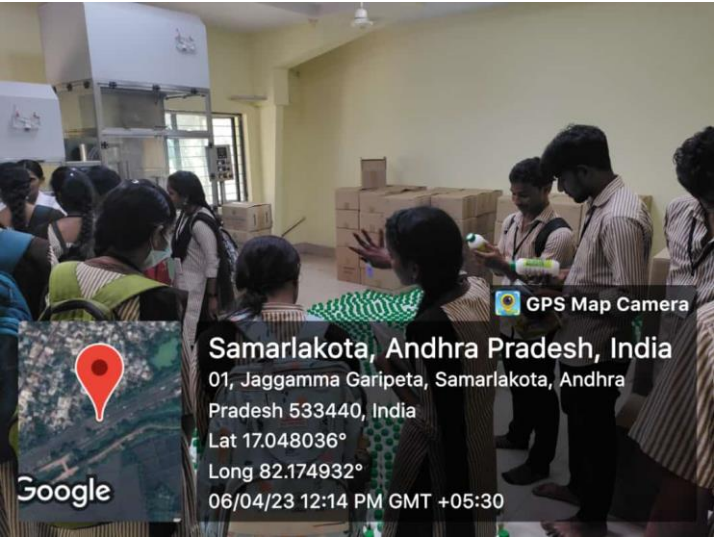
Maintenance of cultures of Microorganisms used as Biofertilizers in the industrial unit



Display board showing the role of each microorganism in soil fertility



Media and culture Room





Sterilization and Manufacturing Unit

