

A.S.D.GOV'T. DEGREE COLLEGE FOR WOMEN (A)
KAKINADA

(Re- accredited by NAAC with B Grade)

Department of Microbiology



III BSc CBMB, Study Tour

Biofertilizers and Soil Testing Laboratories



Department of Agriculture

Samarlakota

2019-2020

A.S.D.GOV.T.DEGREE COLLEGE (W) AUTONOMOUS, KAKINADA

ACTIVITY REGISTER 2019-2020

| | |
|---|---|
| Date | 16-11-2019 2:00 PM |
| Conducted through (DRC/JKC/ELF/NCC/NSS/ Departments etc. | Department |
| Nature of activity (seminar/Workshop/Extn. Lecture etc., | Study Tour |
| Title of the Activity | Study Tour to Biofertilizers and Soil testing Laboratory at Samarlakota |
| Name of the Department/Committee | Department of Micro Biology |
| Details of Resource Persons (Name , Designation etc., | Dr.K.Aruna . |
| No of students participated | III BSc CBMB, 12 |
| *Brief Report on the activity | Biofertilizers and Soil testing Laboratory At samarlakota is the one of the most important producer of Biofertilizers in this District Under the department of Agriculture. Final year CBMB students Visited and gained knowledge on different types of Biofertilizers produced in the Laboratory are Rhizobium, it is nitrogen fixer and used for legume crops, Azotobacter used for cereals, vegetables and oil seed crops, PSM used along with the Nitrogen biofertilizers. They know that production process by fermentor and mixing with carrier (lignite) and packing for field application. In soil testing Laboratory, they know the PH determination, Soil EC, working principles of Kelplus Nitrogen analyzer, colorimeter, Spectrophotometer, Atomic absorption chromatography Flame photo meter for determination soil potassium. |
| Name of the Lecturers who planned & conducted the activity | Dr. K. Aruna, Lecturer In Charge Dept of Micro Biology |
| Signature of In charge of Department |  16/11/19 |
| Signature of the Principal |  |
| Remarks | |

Government of Andhra Pradesh Department of Agriculture,
Soil Testing Laboratory, Samalkot, E.G. Dist, A.P.

Date: 16-11-2019.

To Whom My concern

This is to Certify that 12 Students of III B.Sc CBMB of ASD, GOVT Degree College for Women (A) Kakinada Visited the Soil Testing Laboratory and undergone the training on the Testing of Soil and Irrigation water and Different Components of Soil i.e., Abiotic and Biotic Environment on 16-11-2019 under the guidance of Dr K. Aruna Lecturer in Microbiology of ASD, GOVT Degree College for Women (A) Kakinada .


Agricultural Officer
Soil Testing Laboratory,
Samalkot, E.G. Dist, A.P.




Assistant Director of Agriculture,
Soil Testing Laboratory,
Samalkot, E.G. Dist, A.P.

From
The Assistant Director of Agriculture
Biofertilizers Laboratory
Samarlakoda
East Godavari (Dist.)

Dear Madam/Sir

Sub:- - Biofertilizers and Soil testing Laboratory Samarlakota – Permitted- Study
Tour – III BSc CBMB Students - Department of Microbiology -ASD Govt, Degree
college For Women (A) - visited – Request.

The Department of Microbiology has planed a Study tour to Biofertilizers and
Soil testing Laboratory at Samarlakota for III BSc CBMB students and visited on 16-11-19
afternoon. Since the students of BSc Microbiology have Bioferti,lizers and Biopesticide paper in
their Sixth Semester. Students got an information and knowledge on isolation, mass
multiplication & field application of biofertilizers and methods to detect the soil profile in terms
of nutrients in filed crops and P^H.

Thanking you

Yours Sincerely

To
The Principal
A.S.D. Govt. Degree College (W) Autonomous
Kakinada

Respected Madam/Sir


Sub:-Department of Microbiology - III BSc CBMB - Study Tour – Biofertilizers and
Soil testing Laboratory Samarlakota – Permission – Request – Regarding.

The Department of Microbiology has planned a Study tour to Biofertilizers and
Soil testing Laboratory at Samarlakota for III BSc CBMB students on 16-11-19 afternoon. Since
our students have Biofertilizers and Biopesticide paper in Microbiology Cluster and study tour
is a part of the Curriculum. Hence I request you to kindly permit our students to visit
Biofertilizers Laboratory on 16-11-19 afternoon.

Thanking you Sir

Yours Sincerely

Anil
L/Microbiology
15/11/19

O.K.

15/11/19

III Bsc CBMB - List of Students willing to attend the Study Tour

| Registered No | Name of the student | Signature |
|---------------|----------------------|-------------------|
| 1734001 | P. Sai Sandhya | P. Sai Sandhya |
| 1734002 | P. Sai Sowjanya | P. Sai Sowjanya |
| 1734003 | B.V.N. Shreya Sri | B.V.N. Shreya Sri |
| 1734004 | Ch. Lakshmi Sowjanya | Ch. L. Sowjanya |
| 1734005 | K. Mahalakshmi | K. Mahalakshmi |
| 1734006 | M. Hymavathi | M. Hymavathi |
| 1734007 | P. Sirisha | P. Sirisha |
| 1734008 | S. Sarika | S. Sarika |
| 1734009 | T. Jayalakshmi | T. Jayalakshmi |
| 1734010 | Y. Haritha priya | Y. Haritha priya |
| 1734011 | K. Mouli Sai | K. Mouli Sai |
| 1734012 | P. Rajeswari | P. Rajeswari |

Anil
 L/Microbiology
 25/11/19



To
The Principal
A.S.D. Govt. Degree College (W) Autonomous
Kakinada

Respected Madam/Sir

Sub:-Department of Microbiology - III BSc CBMB - Study Tour - Biofertilizers and
Soil testing Laboratory Samarlakota - Permission - Request - Regarding.

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Thanking you Sir

Yours Sincerely

[Signature]
15/11/19

OK
[Signature]
15/11/19

III Bsc CBMB List of students willing to attend the
Study tour

| s.no | Register no:- | Name of the student | signature |
|------|---------------|------------------------------|-------------------------|
| 1 | 1734001 | P. Saisardya | P. Sai Sandhya |
| 2 | 1734002 | P. Saisowjanya | P. Sai Sowjanya |
| 3 | 1734003 | B.V.N. Shreya Sri | B. Shreya |
| 4 | 1734004 | ch. Laxmisowjanya | ch. L. Sowjanya |
| 5 | 1734005 | K. Mahalaxmi | K. Mahalaxmi |
| 6 | 1734006 | M. Hymavathi | M. Hymavathi |
| 7 | 1734007 | P. Sirisha S. Sarika | P. Sirisha S. Sarika |
| 8 | 1734008 | Y. Harithapriya | Y. Haritha priya |
| 9 | 1734009 | T. Jayalaxmi | T. Jayalakshmi |
| 10 | 1734010 | K. Moulisai | K. Moulisai |
| 11 | 1734011 | P. Rajeswari | P. Rajeswari |
| 12 | 1734012 | | |

Aneel
 U/Microbiology
 15/11/19