



Dr.V.S.KRISHNA GOVT. DEGREE COLLEGE

(An Autonomous Institution Affiliated to Andhra University)

Reaccredited by NAAC with 'A' Grade(3rd Cycle)

District Resource Centre & Center for Research Studies
Maddilapalem, VISAKHAPATNAM 530 013, Andhra Pradesh



DEPARTMENT OF BOTANY

ACTIVITIES 2020-2022

DEPARTMENT OF BOTANY

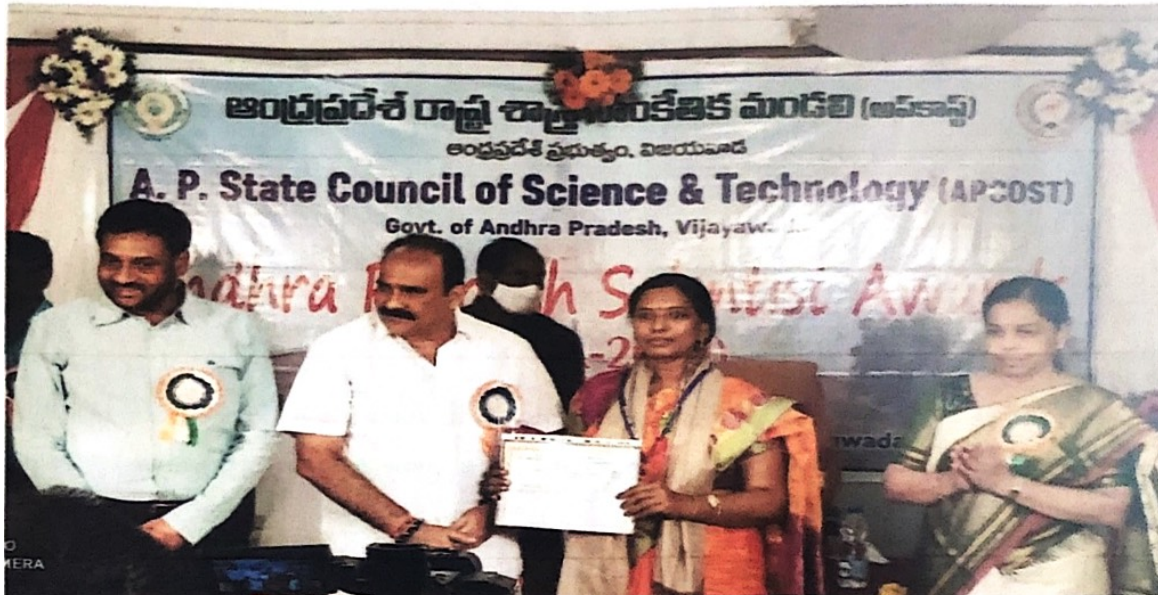
ABOUT

Department of Botany was established in the year 1968. The Department actively serves the society through dissemination of knowledge and training the younger generation through unique courses and offering training in frontier areas of Plant Sciences. The Department is well known for its major contributions in Cytogenetics, Forest Botany, Marine plant resource, Systematic Botany, Phyto Chemistry, Horticulture, Plant Nursery, Research Innovative Pedagogical learning process and also for running a postgraduate programme. The Department is also active in research and has well Established Laboratories and library with significant number of books. The department also provides training to students and invites eminent scientists for delivering popular scientific talks very often. Department maintains a Botanical Garden with wide variety of rare plants exclusively from Eastern Ghats. Botanical Garden is Unique in its nature for maintaining variety of medicinal plants species belongs to Indian Traditional system of medicine. The Department has Green House and well maintained biofertilizer unit and it has got special recognition in keeping the college campus clean & green. Apart from this department has distinction in having Patents in Phytochemistry and its alumni placed at various respectable positions all over the globe.



RECEIVING CERTIFICATE FROM SCIENCE FAIR AUTHORITIES

RECEIVING BEST SCIENTIST AWARD 2020 FROM APCOST



Dr.P.Sreevani Received Best Scientist Award From Sir. Balineni Srinivas, Minister for Science & Technology, Govt.of Andhra Pradesh



RECORDS VERIFICATION ON OCTOBER 1ST 2021



DEPARTMENT FACULTY AT SCIENCE FAIR 2021



CONSTRUCTION OF WATER HARVESTING PITS ON 29TH MARCH 2022 AT COLLEGE IN
COLLABORATION WITH ROTARY CLUB, VIZAG



BOTANICAL FIELD TRIPS -HANDS ON EXPERIENCE



FIRST YEAR STUDENTS AT MARINE ALGAE COLLECTION AT VISAKHAPATNAM BEACH ON 24TH MAY 2022



SECOND YEAR STUDENTS VISITED ANDHRA UNIVERSITY HORTICULTURE GARDEN



II YEAR STUDENTS VISITED ANDHRA UNIVERSITY MUSEUM

**III YEAR STUDENTS VISITED ECO-FRIENDLY NURSERY AT VEPAGUNTA,
VISAKHAPATNAM**



BOTANY IN BEST PRACTICE



USED PENS SENDING FOR RECYCLING



GPS Map Camera

BHANO NAO

Visakhapatnam, Andhra Pradesh, India

P8RC+97X, Maddilapalem, Visakhapatnam, Andhra Pradesh 530022,
India

Lat 17.740774°

Long 83.320836°

04/06/22 01:32 PM

Google

WORLD ENVIRONMENT DAY CELEBRATIONS – PRIZE DISTRIBUTION TO PAINTING COMPETITION WINNERS

BAN PLASTIC PROGRAMME BY NGO's





PAINTING COMPETITIONS TO SCHOOL STUDENTS

SCIENCE DAY CELEBRATIONS ON 28TH FEBRUARY 2022



GREENING CAMPUS PROGRAMME



PLANTING SAPPLINGS BY DR.I.VIJAYA BABU, PRINCIPAL, AT PHYSICAL EDUCATION DEPARTMENT, DRVSKGDC (A)



BABU JAGJEEVAN RAM JAYANTHI BIRTH ANNIVARSERY ON 5TH APRIL 2022



BOTANY IN BLOOD DONATION PROGRAMME

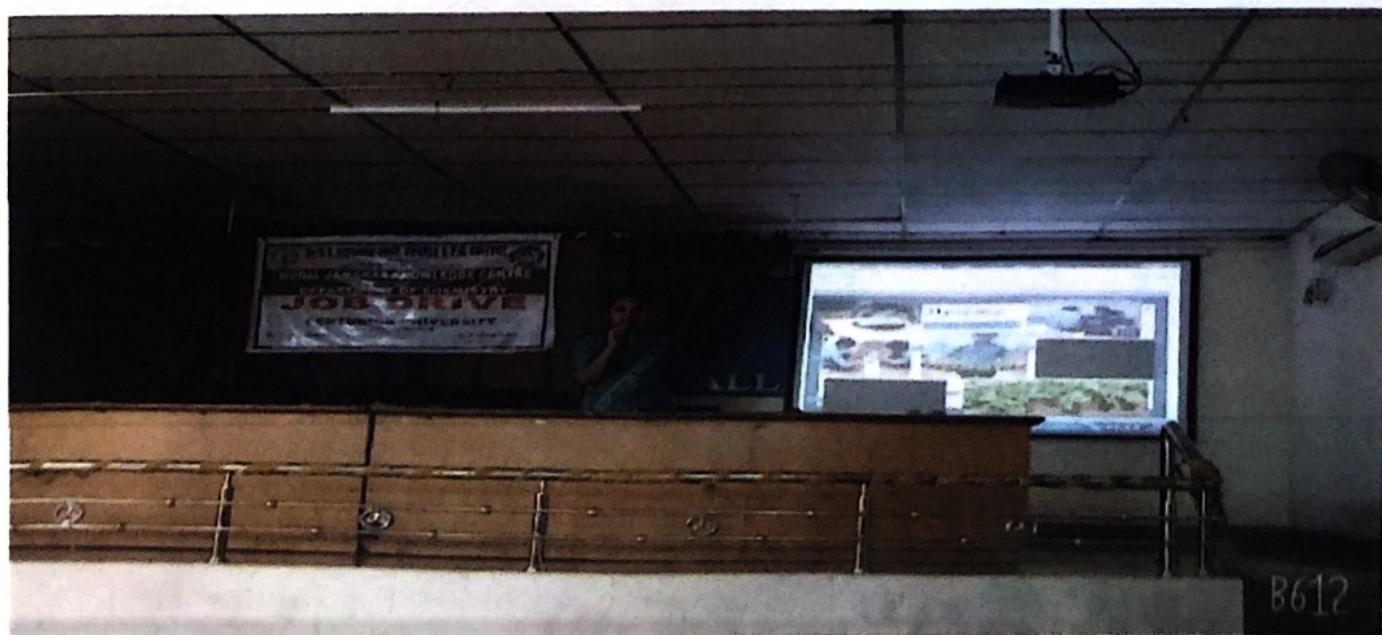
BEST PRACTICE - DEPARTMENT OF BOTANY FACULTY AWARDS TO BEST BOTANY STUDENT FOR I, II, III YEAR STUDENTS ON 19TH APRIL 2022



INVITED LECTURES



RESOURCE PERSON: DR.CHANDRA SEKHAR, PRINCIPAL, GDC, YELAMANCHALI



PROF. PUSHPA, HEAD OF THE DEPT. OF BIOTECHNOLOGY FROM CENTURION UNIVERSITY



CHAVANPRASH PREPARATION BY STUDENTS



SCIENCE DAY PROJECTS AND POSTERS

NO PLASTIC PROGRAMME BY INDIAN YOUTH FEDERATION SOCIETY (IYFS)

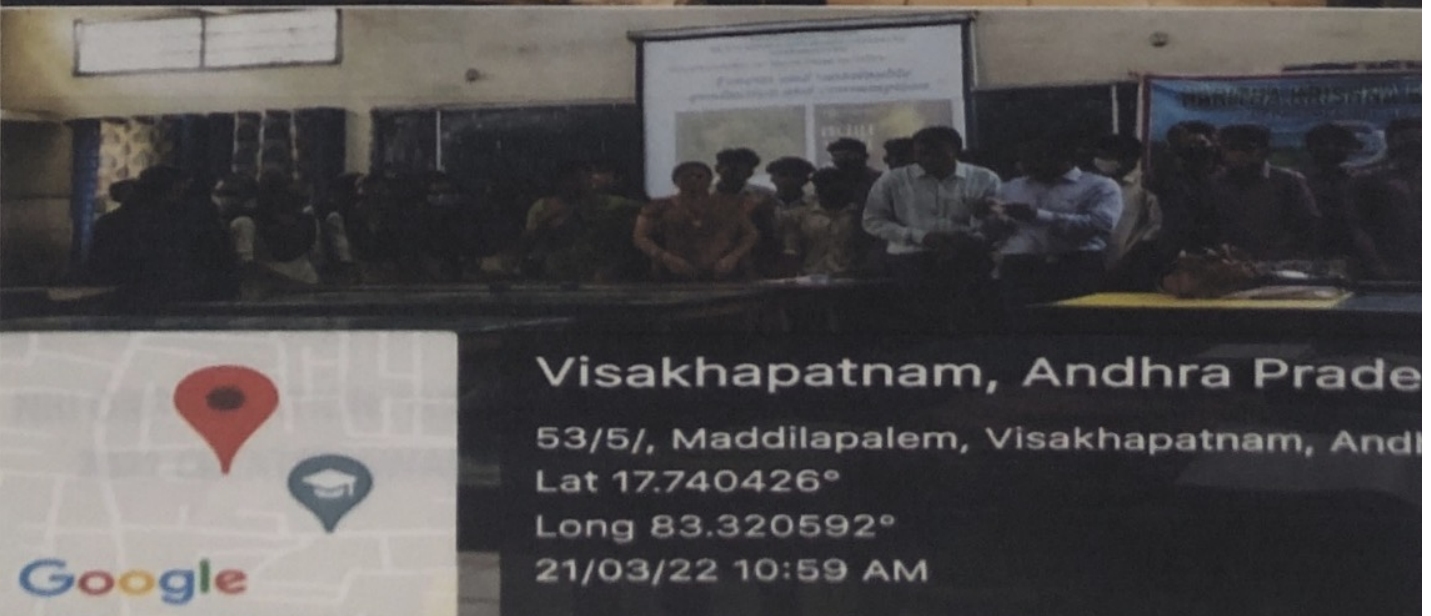
COLLECT MILK PACKETS -WASTE DEPOSIT AT RIGHT PLACE ON 24TH AUGUST 2022



WORLD OZONE DAY CELEBRATIONS ON 16/9/2021



FORESTRY DAY CELEBRATIONS ON 21/3/2022





NRI ORGANISATION “GREEN VISION” FROM SINGAPORE ON 11TH DECEMBER 2021 CREATED AWARENESS ON STEPS TOWARDS TO GREEN WEALTH

RESOURCE PERSON: DR.B.SITALAKSHMI, PRINCIPAL, GDC, SABBAVARAM



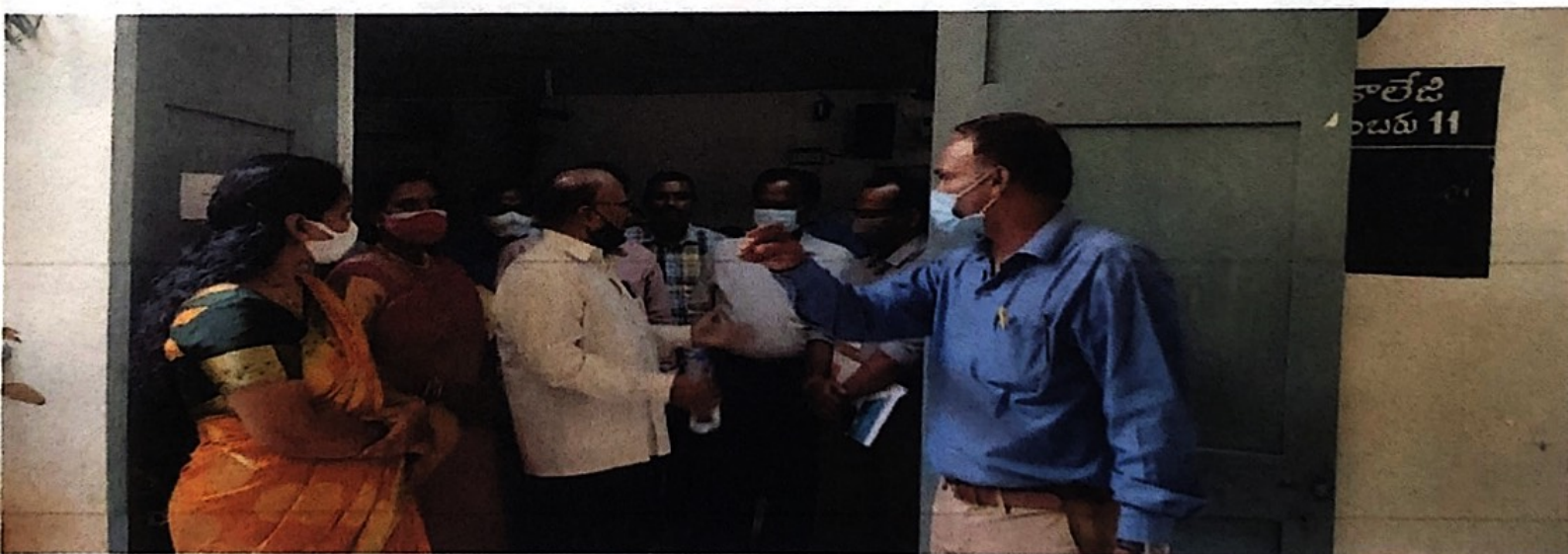
DR.JVVS.N. MURTHY, RETIRED PRINCIPAL , DRVSKGDC(A), VISAKHAPATNAM VISITED GARDEN



DISHA APP AWARENESS PROGRAMME BY SACHIVALAYAM POLICE

PROGRAMME ON DEEKSHARAMBHOON 5TH FEBRUARY 2022 FOR NEWLY ADMITTED STUDENTS





DR.JVVSN. MURTHY, Retd.Principal, AS RESOURCE PERSON

WORLD WET DAY AWARENESS PROGRAMME ON 2ND FEBRUARY 2022

HELPING HAND TO UNICEF



SANKRANTI SAMBARALU 2022



COMMUNITY SERVICE PROJECT VIVA-VOCE JUNE 2022

LANDSCAPING AT COLLEGE CAMPUS



FLORAL SEED SOWING BY PRINCIPAL DR.I.VIJAYA BABU

**PRINCIPAL DR.I.VIJAYA BABU, APPRECIATING THE STUDENTS ON THEIR ACHIEVEMENT-
VIDEO PRESENTATION**



STUDENTS SELECTED FOR CENTURION UNIVERSITY

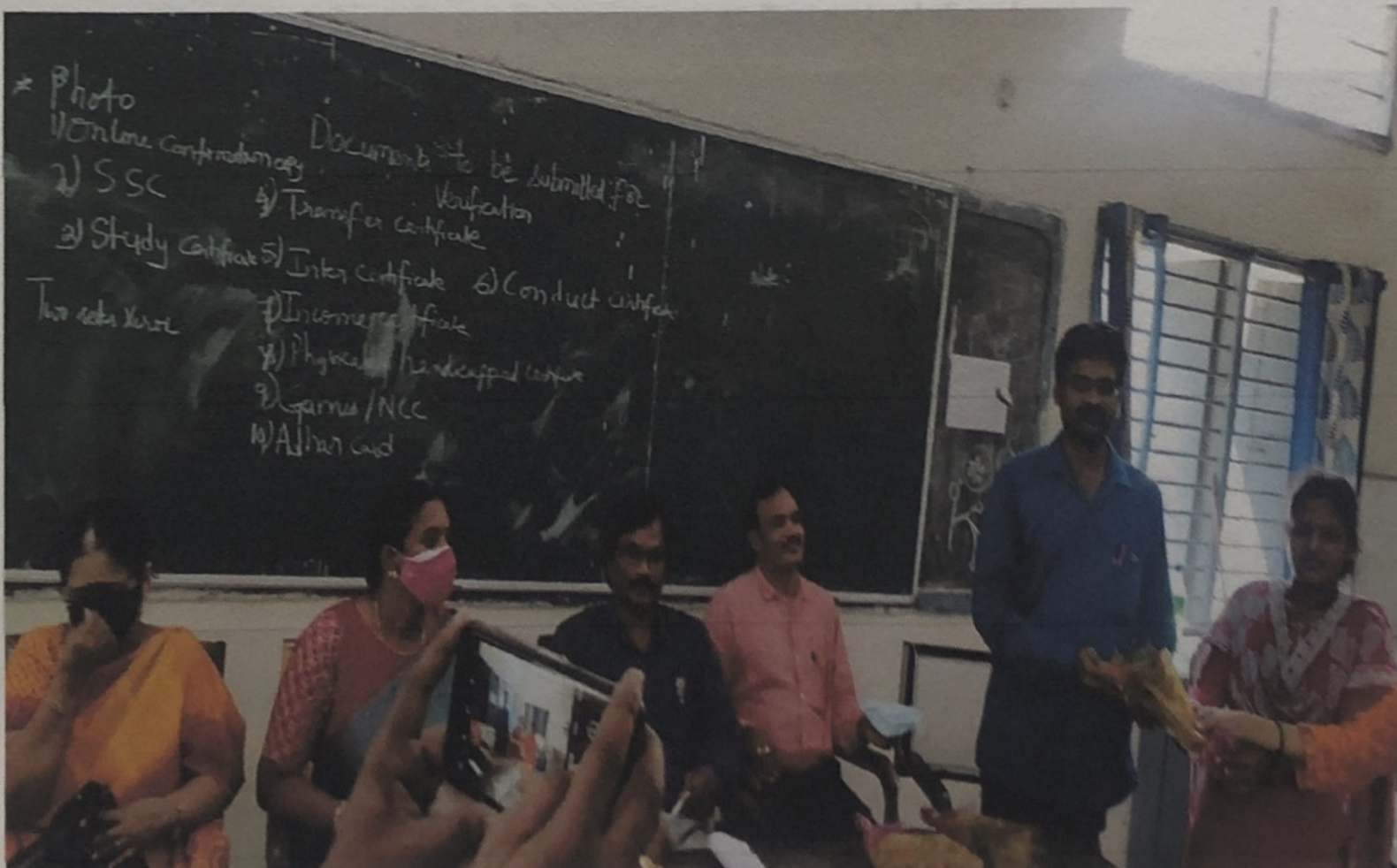


HANDS ON EXPERIENCE- ECOLOGY PRACTICAL



**ON COMPLETION OF INTER DISCIPLINARY REFRESHER COURSE AT ANDHRA UNIVERSITY
FROM 9.6.2022 TO 22.6.2022**

DR.B.R.AMBEDKAR OPEN UNIVERSITY PG BOTANY STUDENTS ON COMPLETION OF THEIR COURSE



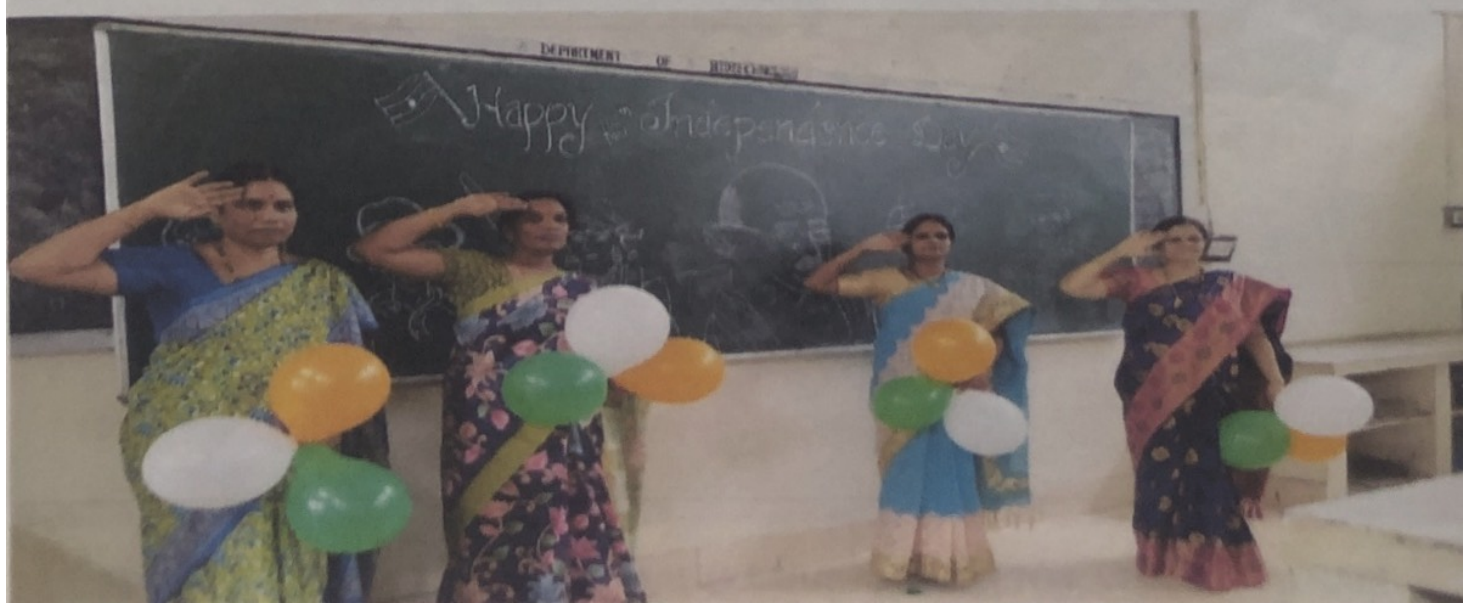


Hands on Experience at Botanical Garden



HANDS ON EXPERIENCE ON GRAFTING TECHNIQUE

BOTANY DEPARTMENT IN AZADI KA AMRIT MAHATSAV





AZADI KA AMRIT MAHOTSAVAM



BEACH CLEAN PROGRAMME -Dr.MALLIKARJUNA, COLLECTOR, VISAKHAPATNAM

Department : Botany Date & Time 05/06/2018

Occasion/Nameoftheday/Week: World environment day

NatureofActivity : Awreness about Environiment protection. Plantation

PlaceofActivity : Dr V,SKrishna Govt Degree College

NamesofFacultyInvolved:Dr. V.Chandra Sekhar .Dr. P.Srivani, Dr.T.M.A.Niveditha, Dr. D.Appa Rao, Dr. KVijaya Lakshmi and faculty from other departmrnts

SUMMARY OF THE ACTIVITY

- World Environment day Celebrated On June 5th
- World Ozone Day Celebrated on September 16
- World wet Land Day celebrated on February 2 nd
- Keeping the campus plastic free
- Collection of used ball pens. Giving one new ball pen for depositing 3 used ball pens for free of cost
- Observation of National Wild life week .



Niveditha T M A

Signature of the HOD

2018-19

Dr.V.S.KrishnaGovt.DegreeCollege(Autonomous)Visakhapatnam
Internal Quality Assurance Cell
FIELDTRIP/STUDYTOUR

Department: Botany

Date(S): 18/12/2019 to 18/12/2019

Class: II BZC (EM&TM, BTBC)

Name&DetailsofPlace(S)Visited: _Dept of Botany, Andhra University

PurposeofVisit:As part of academic curriculum for identification of plants and herbarium collection visited Biodiversity park, Visakhapatnam

FieldVisit/StudyTourReport:More than 300 tree species mentioned in holy books (Bhagvad Gita, Ramayana, Mahabharata, Bible, Quran, Tripitaka, Zend-Avesta, Guru Granth Sahib) related to different religions (Hinduism,^[4] Christianity,^[5] Islam,^[6] Jainism,^[7] Buddhism,^[8] and Sikhism)^[9] are reared in different zones of the Biodiversity Park. Many tree species are commonly seen in more than one religion. or example, fig (*Ficus carica*) is almost common to all religions. Date palm (*Phoenix dactylifera*), olive (*Olea europaea*), pomegranate (*Punica granatum*), cypress (*Cupressus sempervirens*) are common to Christians and Muslims.



No of students Participated: 80.

Signature of the accompanying Teachers:

Dr. T.M.A. Nredda. Nredda

Dr. D. Appa Rao. Appa Rao

Signature of the Ho

STUDENTS WHO ATTENDED THE ACADEMIC COMPETITION

S.No	Roll No	Name of the Student Present	Signature
1	E20203004	Y. Bhavana	Y. Bhavana
2	E20203012	J. Kusuma Lathaswari	J. Kusuma
3	E20203013	B. Lakshmi Prasanna	B. Lakshmi Prasanna
4	E20203007	R. Dhanalakshmi	R. Dhanalakshmi
5	E20203018	S. Srinu	S. Srinu
6	E20203006	P. Ratha Sai	P. Ratha Sai
7	E20203008	M. GOWTHAMI	M. Gowthami
8	E20203015	L. Mouli	L. Mouli
9	T20203060	K. Sandhya	K. Sandhya
10	E20203019	N. Srinivas Murthy	N. Srinivas
11	E20203001	M. Ajay	M. Ajay
12	E20204028	S. Sowalshi Rajeswari	S. Sowalshi Rajeswari
13	E20203017	Y. Sivaji	Y. Sivaji
14	E20204011	S. Priyanka	S. Priyanka
15	E20204008	V. Mahalakshmi	V. Mahalakshmi
16	E20204012	A. Saijyothi	A. Saijyothi
17	E20204027	M. Susmitha	M. Susmitha
18	E20204002	Y. Asin naidu	Y. Asin naidu
19	T20203071	K. Varalakshmi	K. Varalakshmi
20	T20203052	K. Pravallika	K. pravallika
21	T20203039	G. Jyashna	G. Jyashna
22	T20203073	K. Vijayakumari	K. Vijayakumari
23	T20203028	K. Anuradha	K. Anuradha
24	E20204010	N. Pawan Kumar	N. Pawan Kumar
25	E20204013	P. Kamaraju	P. Kamaraju
26	E20204030	K. Vimala	K. Vimala

Dr.V.S.Krishna Govt. Degree College (Autonomous) Visakhapatnam
Internal Quality Assurance Cell
FIELD TRIP / STUDY TOUR

Department: Bolan

Date(S): 22-3-22 to

Class : I BSc (CBZ & MBBC)

Name & Details of Place(S) Visited: R.K. Beach, Visakhapatnam

Purpose of Visit : To study different marine algal forms.

Field Visit / Study Tour Report: As a part of curriculum, a field trip was organized for first BSc (CBZ & MBBC) students on 22-3-22 to collect algae from marine waters of R.K Beach. Students learned how to identify and collect marine algae. Uva, Gracilaria, Chlorella, Laminaria & Sargassum. Students enjoyed a lot during their visit.

PHOTO



No of Students Participated: 100

Signature of the Accompanying Teacher(s)

1. Dr. S. Padmavathi S. Padma

2. Dr. D. S. Madhava Rao DM

3. Dr. T. M. A. Niveditha Niveditha

[Signature]
Signature of the HOD

Dr. V.S. Krishna Govt. Degree College (Autonomous) Visakhapatnam
Internal Quality Assurance Cell
FIELD TRIP/STUDY TOUR

Department: Botany

Date(S): 27/10/2018 to 27/10/2018

Class: IIND BZC (EM&TM, BTBC)

Name & Details of Place(S) Visited: Dept of Botany, Andhra University

Purpose of Visit: As part of academic curriculum for identification of plants and herbarium collection visited Botanical garden Andhra University.

Field Visit/Study Tour Report: Visited department of Botany, Andhra University on 27/10/2018. Students observed of rare plants like *Browniacoccinia*, *Pterocarpus santalinus*, *Browniacoccinia* etc.

Students observed of rare plants like *Browniacoccinia*, *Pterocarpus santalinus*, *Browniacoccinia* etc.

Visited museum and observed different kinds of marine algae, fruiting bodies of fungi, bryophytes, pteridophytes, cones of gymnosperms. Visited herbarium maintained by department of botany and observed rare specimens preserved in herbarium



Signature of the Accompanying Teacher(s)

Signature of the HOD

D. N. Reddy
2/10/18

STUDENTS WHO ATTENDED THE SEMINARS

S. No		Name of the Student	Surname
1	E17204001	AKHIL. M	Akhil
2	E17204002	ANANDH.R	Anandh
3	E17204003	ARJAMMA.K	Arjamma
4	E17204004	AYYAPPA SWAMY.C	Ayyappa Swami
5	E17204005	BHAVANI.V	V. BHAVANI
6	E17204006	DAYANI.K	Dayani
8	E17204008	JANARDHAN.S	S. Janardhan
9	E17204009	KARTHEEK.R	Karthek
10	E17204010	KONDAMMA.K	G. Kondamma
11	E17204011	KOTESWARA RAO.S	S. Koteswara Rao
12	E17204012	KRISHNA.L	Krishna
13	E17204013	NAGENDRA..K	K. Nagendra
14	E17204014	PAVANKUMAR.M	M. Pavankumar
15	E17204015	RAJANI.B	Rajani
16	E17204016	RAJESWARI.K	K. Rajeswari
17	E17204017	RAMYA SREE.P	R. Ramya Sree
18	E17204018	RAVI KUMAR.K	Ravi Kumar
19	E17204019	SRAVANTHI.R	R. Sravanthi
20	E17204020	SRINIVAS NAIK.N	N. Srinivas naik
21	E17204021	SYAMALA.K	Syamala
22	E17204022	TEJA RAM.S	Teja Ram
23	E17204023	TEJESWARA RAO.CH	A. Triveni
24	E17204024	TRIVENI.A	Triveni
25	E17204025	UDAY KIRAN .R	Ulb Kiran

Dr.V.S.Krishna Govt. Degree College (Autonomous) Visakhapatnam
Internal Quality Assurance Cell

DEPARTMENTAL EXTENSION ACTIVITIES / DAYS OBSERVED

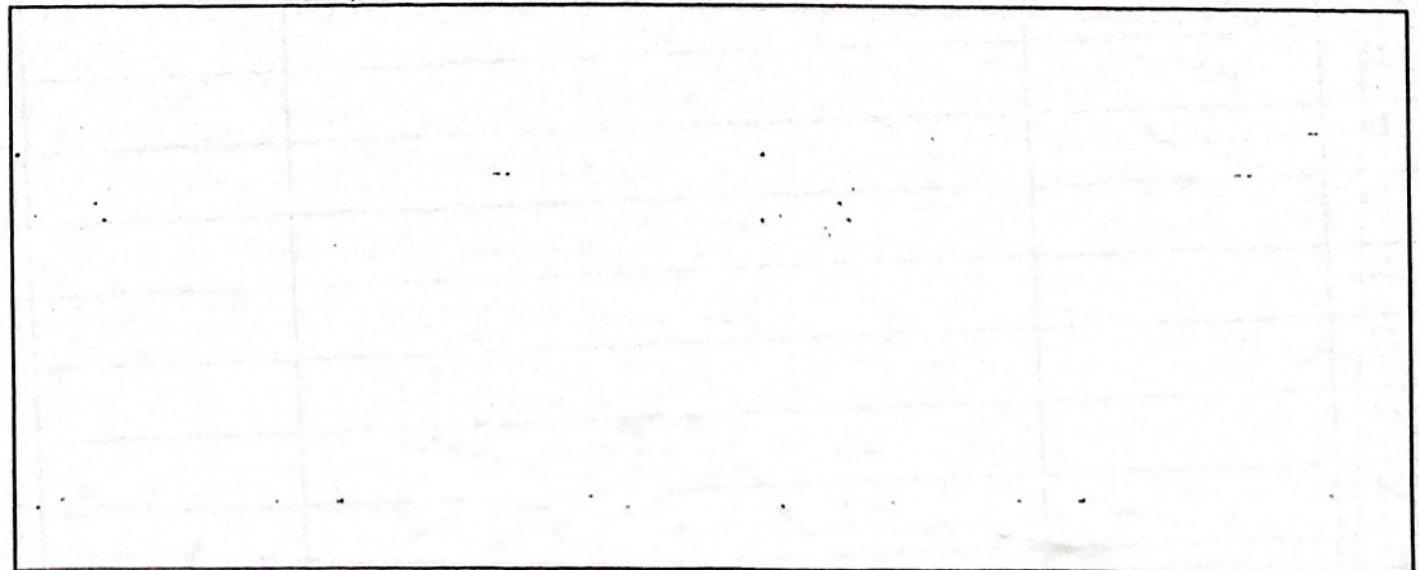
(Other than NCC, NSS, SPORTS, STUDENT COUNCIL)

Department : Bolány Date & Time 16 September 2019
Occasion / Name of the day / Week: World Ozone day
Nature of Activity : Awareness on world Ozone day
Place of Activity : Gr II, Dr V. S - Krishna G.D.C (A), Visakhapatnam
Names of Faculty Involved: Faculty of department of Bolány

SUMMARY REPORT OF THE ACTIVITY

World Ozone day is celebrated by the department of Bolány to mark the international cooperation for protecting the Ozone layer for three decades. The celebration raised awareness among students to keep up the momentum to ensure the healthy living on the healthy planet.

PHOTO



No of Students Present: 115

Signature of the HOD / In-Charge of the Dept

DEPARTMENTAL EXTENSION ACTIVITIES / DAYS OBSERVED

(Other than NCC, NSS, SPORTS, STUDENT COUNCIL)

Department : Botany Date & Time 2nd February 2020

Occasion / Name of the day / Week: World wetlands day.

Nature of Activity : Awareness on wetlands and plantation.

Place of Activity : G-11, Botanical Garden, Dr. V.S. Krishna G. Degree

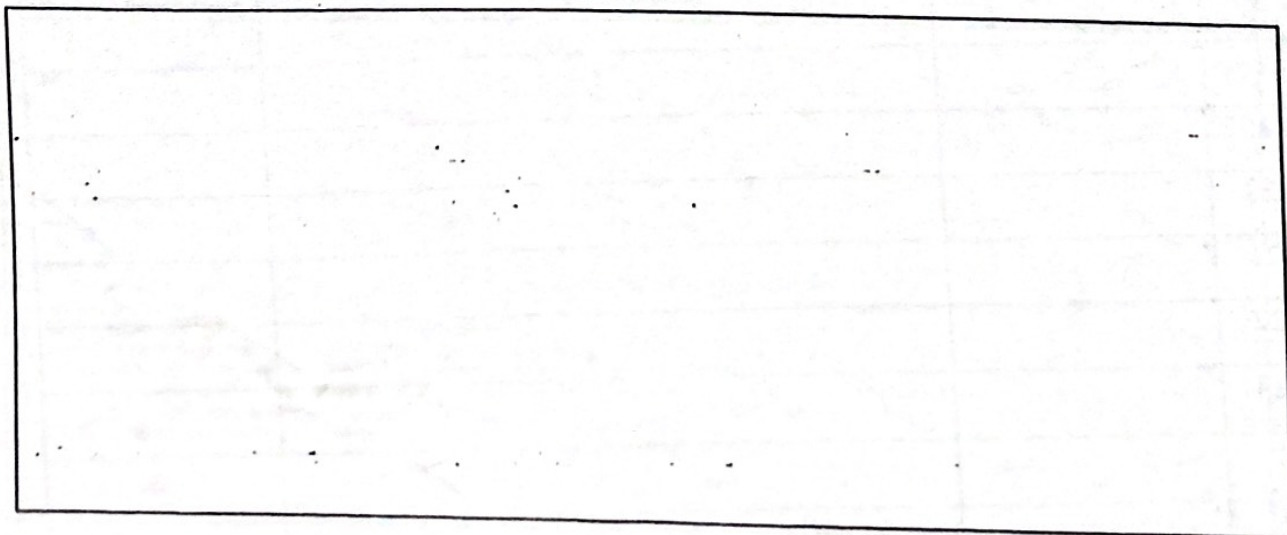
Names of Faculty Involved: Dr. P. Sreevani, Head of the department of Botany

Dr. T.M.A. Niveditha, Dr. D. Appa Rao, Dr. K. Vijayalakshmi,
Dr. D.S. Madhavarao.

SUMMARY REPORT OF THE ACTIVITY

World wetlands day is organised on 2-2-2020 by the department of botany to raise awareness among the students about the importance of healthy and intact wetlands such as swamps, marshes & mangroves in mitigating the drastic climate change. To mark the event plantation also taken up in the botanical garden.

PHOTO



No of Students Present: 112

Signature of the HOD / In-Charge of the Dept

Dr.V.S.Krishna Govt. Degree College (Autonomous) Visakhapatnam
Internal Quality Assurance Cell

DEPARTMENTAL EXTENSION ACTIVITIES / DAYS OBSERVED

(Other than NCC, NSS, SPORTS, STUDENT COUNCIL)

Department : Bolany Date & Time 2nd September 2019.

Occasion / Name of the day / Week: World Coconut Day

Nature of Activity : Awareness and Coconut tree plantation

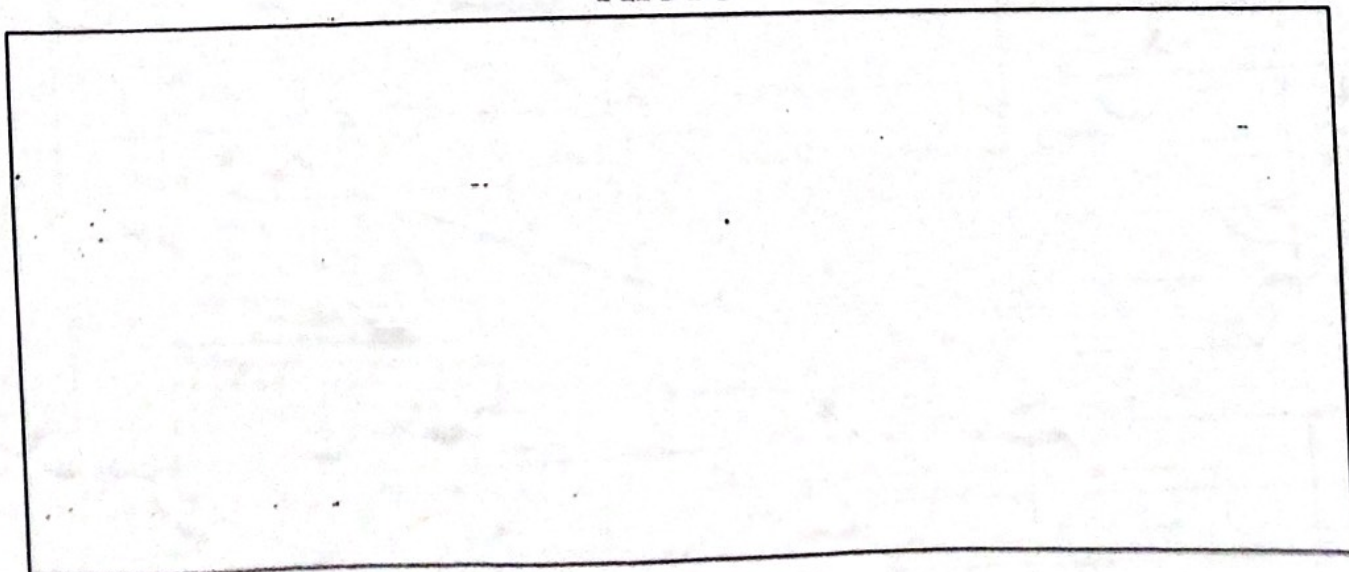
Place of Activity : Botanical garden, Dr. V.S. Krishna GDC(A), Vsp.

Names of Faculty Involved: Faculty of Department of Bolany

SUMMARY REPORT OF THE ACTIVITY

"World Coconut day" is celebrated by department of bolany to spread awareness and importance of coconut among students. The aim is to spread awareness on the importance of coconut in fighting the poverty and promoting the development of coconut industries and encourage investment in India.

PHOTO



No of Students Present: 120

Signature of the HOD / In-Charge of the Dept

2018-19

Sem IV

Dr. V.S. Krishna Govt. Degree College (Autonomous) Visakhapatnam

Internal Quality Assurance Cell

STUDENT SEMINAR/PPT PRESENTATION

Department : Botany

Class IIIrd BZC 12/12/19

Student Name (Speaker): S. Poornima Date : 14/12/19

Topic: Ascent of Sap

Audio Visual Aid used Chart/Model/Any other: Black Board Chalk

No of Students Present: 50 Marks/Grade Awarded: A

Synopsis of the Seminar

The upward movement of water from the root parts to the top of the aerial parts through xylem tracheids and vessels against gravity is called ascent of sap. The theories explaining ascent of sap are broadly divided into 1. Vital theories 2. Root pressure theory 3. Physical theories

PHOTO



Signature of the Student

Signature of the Teacher

STUDENTS WHO ATTENDED THE SEMINARS

S,no	Roll no.	Name of the student	Signature
1	17203001	AMBEDKAR	Ambekar
3	17203002	BABY KUSUMA KOUSALYA	Baby Kusuma Kousalya
4	17203003	BHAVANA SWAROOPA	B. Swaroopa
5	17203004	GARIMA	Garima
6	17203005	JESU	JESU
7	17203007	KIRAN KUMAR	Kiran Kumar
8	17203008	LAXMANA SWAMI	Laxmana Swami
9	17203009	LEELA PRABHA ANISHA	L. prabha Anisha
10	17203010	MADHAVA	Madhava
11	17203010	MADHAVA	madhava
12	17203012	NAVEENS	Naveens
13	17203013	PAVAN KALYAN	Pavankalyan
14	17203014	POORNA	Poorna
15	17203015	PRAVEEN	Praveen
16	17203016	RAMBABU	Rambabu
17	17203017	RAVI TEJA	Ravi teja
18	17203019	SRINU	Srinu
19	17203020	SUDHAKARBABU	Sudhakar babu
20	17203021	SUVARNA	Suvarna
21	17203022	SWATHI	Swathi
22	17203023	VIJAYA LAKSHMI	Vijaya Lakshmi
23	17204001	AKHIL	Akhil
24	17204003	ARJAMMA	A. Arjamma
25	17204005	BHAVANI	Bhavi

Dr. V.S. Krishna Govt. Degree College (Autonomous) Visakhapatnam

Internal Quality Assurance Cell
STUDENT SEMINAR/PPT PRESENTATION

Department : Botany Class IIIrd BZC

Student Name (Speaker): K. Manikant Date : 12/12/19

Topic: Glycolysis - CPM

Audio Visual Aid used Chart/Model/Any other: Black Board chalk

No. of Students Present: 50 Marks/Grade Awarded: A

Synopsis of the Seminar

Glycolysis operates in the cytoplasm and is common for both aerobic and anaerobic respiration. In this metabolic pathway glucose is converted into pyruvic acid. It produces 2 ATP, 2 NADH molecules.



Signature of the Student

Signature of the Teacher

STUDENTS WHO ATTENDED THE SEMINARS

S. No	Roll NO	NAME OF THE STUDENT	SIGNATURE
1.	T17203033	ANURADHA.CH	A. Anuradha
2.	T17203034	ASWIN.K	K. Aswin
3.	T17203035	BHAGYALAKSHMI.A	A. Bhagyalakshmi
4.	T17203036	BHANUPRASKESH.K	K. Bhanuprakash
5.	T17203037	BHULAKSHMI.Y	Y. BHULAKSHMI.
6.	T17203038	CHANDRASEKHAR.B	B. Chandrasekhar
7.	T17203041	CHIRANJEEVI.K	K. Chiranjeevi
8.	T17203044	DEVLM	M. Devi
9.	T17203045	DEVLM	M. Devi
10.	T17203047	DHARAN.B	B. Dhara
11.	T17203048	DIVYA.R	R. Divya
12.	T17203049	ESWARA.RAO.T	T. Eswara Rao
13.	T17203050	GANDHI.G	G. Gandhi
14.	T17203051	GOWRIESH.K	K. Gowriesh
15.	T17203052	GOWTHAMI.CH	Ch. Gowthami
16.	T17203053	JAINAB.BEGUM.S	S. Jainab Begum
17.	T17203054	KANAKA.MAHALAKSHMI.S	S. Mahalakshmi
18.	T17203055	LALITHA.K	K. Lalitha
19.	T17203056	MADHAVI.D	D. Madhavi
20.	T17203057	MADHUSUDHANA.RAO.K	K. Madhusudhana Rao
21.	T17203058	MANIKANTA.K	K. Manikanta
22.	T17203059	MANIKANTA.K	K. Manikanta
23.	T17203060	MOHAN.RAO.S	S. Mohan Rao
24.	T17203061	MONIKA.V	V. Monika
25.	T17203062	MUTYALAMMA.S	S. Mutyalamma

2018-19

IV

Dr.V.S.Krishna Govt.DegreeCollege(Autonomous)Visakhapatnam
Internal Quality Assurance Cell
STUDENTSEMINAR/PPTPRESENTAON

Department : Botany Class IIIrd BZC

Student Name (Speaker): N. Pavan Kalyan

Date : 12/12/19

Topic: Glycolysis (EM)

AudioVisualAidusedChart/Model/Anyother: Black Board Chalk

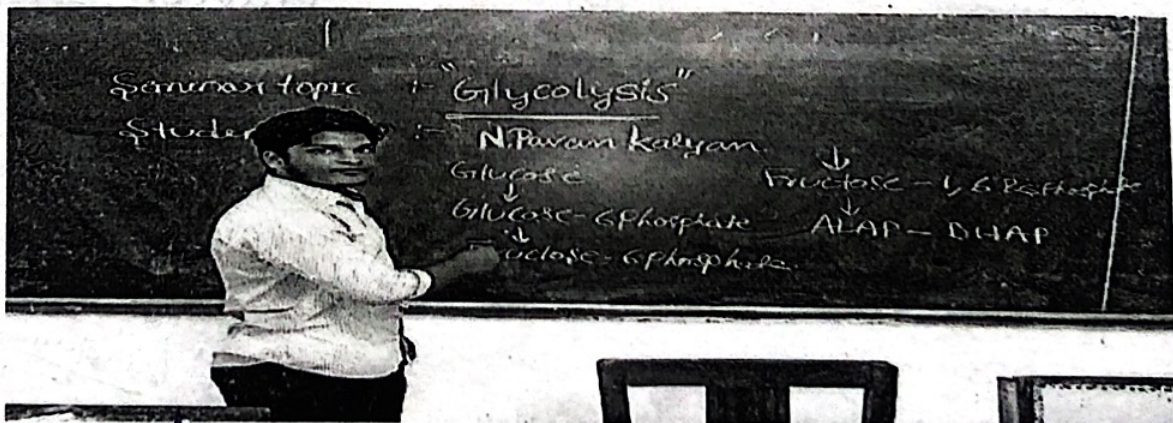
NoofStudentsPresent: 50

Marks/GradeAwarded: A

Synopsis of the Seminar

Glycolysis operates in the cytoplasm and it is common for both aerobic respiration. In this metabolic pathway glucose is converted into pyruvic acid. It produces 2ATP and 2NADPH molecules.

PHOTO



Signature of the Student

Signature of the Teacher

STUDENTS WHO ATTENDED THE SEMINARS

S,no	Roll no.	Name of the student	Signature
1	17203001	AMBEDKAR	Ambedkar
3	17203002	BABY KUSUMA KOUSALYA	Baby Kusuma Kousalya
4	17203003	BHAVANA SWAROOPA	B. Swaroopa
5	17203004	GARIMA	Garima
6	17203005	JESU	JESU
7	17203007	KIRAN KUMAR	Kiran Kumar
8	17203008	LAXMANA SWAMI	Laxmana swamy
9	17203009	LEELA PRABHA ANISHA	L. prabha Anisha
10	17203010	MADHAVA	Madhava
11	17203010	MADHAVA	madhava.
12	17203012	NAVEENS	Naveens
13	17203013	PAVAN KALYAN	pavan kalyan
14	17203014	POORNA	Poorna
15	17203015	PRAVEEN	praveen
16	17203016	RAMBABU	R. Rambabu
17	17203017	RAVI TEJA	Ravi teja
18	17203019	SRINU	Srinu
19	17203020	SUDHAKARBABU	sudhakar babu
20	17203021	SUVARNA	Suvarna
21	17203022	SWATHI	Swathi
22	17203023	VIJAYA LAKSHMI	Vijaya Lakshmi
23	17204001	AKHIL	Akhil
24	17204003	ARJAMMA	A. Rajamma
25	17204005	BHAVANI	Bhavi

2018-19

Sem IV

Dr. V.S. Krishna Govt. Degree College (Autonomous) Visakhapatnam

Internal Quality Assurance Cell

STUDENT SEMINAR/PPT PRESENTATION

Department : Botany

Class IIIrd BZC 2/2/19

Student Name (Speaker): E. Garima Date : _____

Topic: Enzyme action.

Audio Visual Aid used Chart/Model/Any other: Black Board chalk

No of Students Present: 50

Marks/Grade Awarded: A

Synopsis of the Seminar

Enzymes are proteins that act as biological catalysts, which accelerate chemical reactions. Enzymes are divided into six classes. The mechanism of enzyme substrate complex formation is explained by 1. Lock and key theory 2. Induced fit theory



E. Garima
Signature of the Student

N. M. S. De T. M.
Signature of the Teacher

STUDENTS WHO ATTENDED THE SEMINARS

S,no	Roll no.	Name of the student	Signature
1	17203001	AMBEDKAR	Ambekar
3	17203002	BABY KUSUMA KOUSALYA	Baby Kusumakousalya
4	17203003	BHAVANA SWAROOPA	B. Swaroopa
5	17203004	GARIMA	Garima
6	17203005	JESU	JESU
7	17203007	KIRAN KUMAR	Kiran Kumar
8	17203008	LAXMANA SWAMI	Laxmana Swami
9	17203009	LEELA PRABHA ANISHA	L. prabha Anisha
10	17203010	MADHAVA	Madhava
11	17203010	MADHAVA	Madhava
12	17203012	NAVEENS	navens
13	17203013	PAVAN KALYAN	Pavan Kalyan
14	17203014	POORNA	Poorna
15	17203015	PRAVEEN	Praveen
16	17203016	RAMBABU	Rambabu
17	17203017	RAVI TEJA	Ravi teja
18	17203019	SRINU	Srinu
19	17203020	SUDHAKARBABU	Sudhakarbabu
20	17203021	SUVARNA	Suvarna
21	17203022	SWATHI	Swathi
22	17203023	VIJAYA LAKSHMI	Vijayalakshmi
23	17204001	AKHIL	Akhil
24	17204003	ARJAMMA	A. Rajamma
25	17204005	BHAVANI	Bhavani

2018-19

Sem IV

Dr.V.S.KrishnaGovt.DegreeCollege(Autonomous)Visakhapatnam
Internal Quality Assurance Cell
STUDENTSEMINAR/PPTPRESENTATION

Department : Botany

Class IIIrd BZC

Student Name (Speaker): P. Vijaya Lakshmi

Date: 11/2/19

Topic: Mineral nutrition

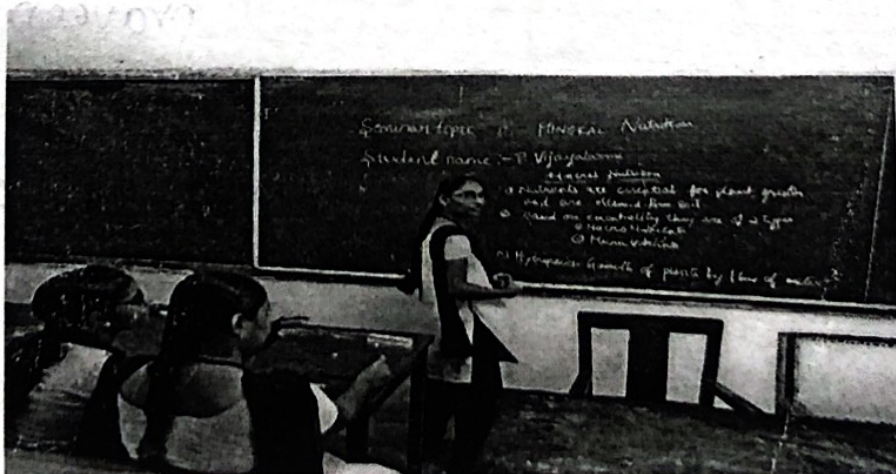
AudioVisualAidusedChart /Model /Any other: Black Boarded chalk

No of Students Present: 50

Marks/Grade Awarded: A

Synopsis of the Seminar

Plants take up mineral elements in the form of inorganic ions dissolved in soil solution. Based on criteria of essentiality of elements 16 elements are essential for plant growth. These are classified into macro and micronutrients. 9 macro nutrients are required in large quantities. Micro nutrients are required in small quantities.



P. Vijaya Lakshmi
Signature of the Student

[Signature]
Signature of the Teacher

STUDENTS WHO ATTENDED THE SEMINARS

S,no	Roll no.	Name of the student	Signature
1	17203001	AMBEDKAR	Ambedkar
3	17203002	BABY KUSUMA KOUSALYA	Baby Kusuma Kousalya
4	17203003	BHAVANA SWAROOPA	B. Swaroopa
5	17203004	GARIMA	Garima
6	17203005	JESU	JESU
7	17203007	KIRAN KUMAR	Kiran Kumar
8	17203008	LAXMANA SWAMI	Laxman Swami
9	17203009	LEELA PRABHA ANISHA	L. prabha Anisha
10	17203010	MADHAVA	Madhava
11	17203010	MADHAVA	madhava
12	17203012	NAVEENS	naveens
13	17203013	PAVAN KALYAN	Pavan Kalyan
14	17203014	POORNA	Poorna
15	17203015	PRAVEEN	praveen
16	17203016	RAMBABU	Rambabu
17	17203017	RAVI TEJA	Ravi teja
18	17203019	SRINU	Srinu
19	17203020	SUDHAKARBABU	sudhakar babu
20	17203021	SUVARNA	Suvarna
21	17203022	SWATHI	Swathi
22	17203023	VIJAYA LAKSHMI	Vijaya Lakshmi
23	17204001	AKHIL	Akhil
24	17204002	ARJAMMA	A. Arjamma
25	17204005	BHAVANI	Bhavani

2018-19

Sem III

Dr. V.S. Krishna Govt. Degree College (Autonomous) Visakhapatna
m

Internal Quality Assurance Cell

STUDENT SEMINAR/PPT PRESENTATION
ON

Department : Botany _____ Class IIIrd BZC 31/10/18

Student Name (Speaker): K. Lalitha Date : _____

Topic: Rutaceae

Audio Visual Aid used Chart/Model/Any other: Black Board Plant Specimen

No. of Students Present: 50 Marks/Grade Awarded: A

Synopsis of the Seminar

Plants of Rutaceae are mostly shrubs or small trees. Leaves are pinnately compound, bipinnate or Reticulate. Inflorescence is axillary & terminal. The flowers are bracteate, complete, bisexual, pentamerous, obdiplostemonous condition, fruit hesperidium.

PHOTO



[Signature]
Signature of the Student

[Signature]
Signature of the Teacher

STUDENTS WHO ATTENDED THE SEMINARS

S. No	Roll NO	NAME OF THE STUDENT	SIGNATURE
1.	T17203033	ANURADHA.CH	<i>A. Anuradha</i>
2.	T17203034	ASWINI.K	<i>A. Aswini</i>
3.	T17203035	BHAGYALAKSHMI.A	<i>A. Bhagyalakshmi</i>
4.	T17203036	BHANUPRASKESH.K	<i>K. Bhanuprakash</i>
5.	T17203037	BHULAKSHMI.Y	<i>Y. BHULALAKSHMI</i>
6.	T17203038	CHANDRASEKHAR.B	<i>B. Chandrasekhar</i>
7.	T17203041	CHIRANJEEVI.K	<i>K. Chiranjeevi</i>
8.	T17203044	DEVI.M	<i>M. Devi</i>
9.	T17203045	DEVI.M	<i>M. Devi</i>
10.	T17203047	DHARANIB	<i>B. Dhara</i>
11.	T17203048	DIVYA.R	<i>R. Divya</i>
12.	T17203049	ESWARA RAO.T	<i>T. Eswara Rao</i>
13.	T17203050	GANDHI.G	<i>G. Gandhi</i>
14.	T17203051	GOWRIESH.K	<i>K. Gowriesh</i>
15.	T17203052	GOWTHAMI.CH	<i>CH. Gowthami</i>
16.	T17203053	JAINAB BEGUM.S	<i>S. Jainab Begum</i>
17.	T17203054	KANAKA MAHALAKSHMI.S	<i>S. Mahalakshmi</i>
18.	T17203055	LALITHA.K	<i>K. Lalitha</i>
19.	T17203056	MADHAVI.D	<i>D. Madhavi</i>
20.	T17203057	MADHUSUDHANA RAO.K	<i>K. Madhusudhana Rao</i>
21.	T17203058	MANIKANTA.K	<i>K. Manikanta</i>
22.	T17203059	MANIKANTA.K	<i>K. Manikanta</i>
23.	T17203060	MOHAN RAO.S	<i>S. Mohan Rao</i>
24.	T17203061	MONIKA.V	<i>V. Monika</i>
25.	T17203062	MUTYALAMMA.S	<i>S. Mutyalamma</i>

2018-19

Sem III

Dr. V.S. Krishna Govt. Degree College (Autonomous) Visakhapatnam

Internal Quality Assurance Cell

STUDENT SEMINAR/PPT PRESENTATION
ON

Department : Botany Class IIIrd BZC

Student Name (Speaker): G. L. P. Anusha Date : 29/10/2018

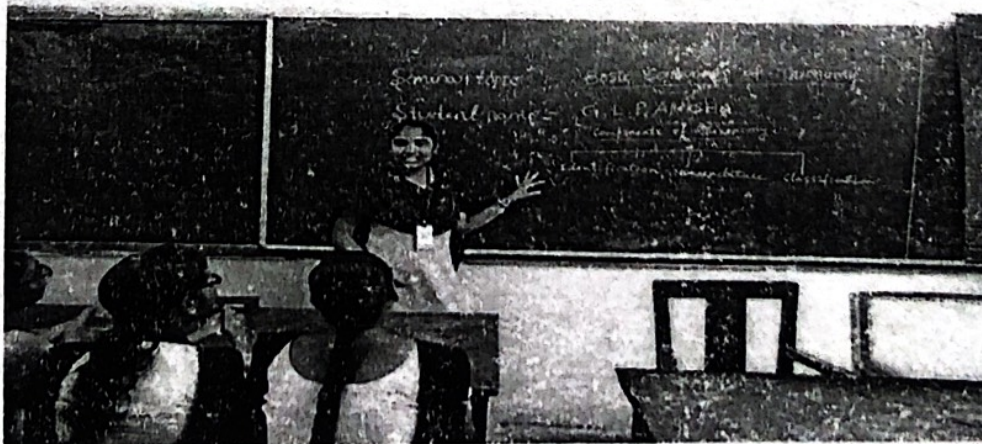
Topic: Basic components of Taxonomy

Audio Visual Aid used Chart/Model/Any other: Black board chalk

No. of Students Present: 50 Marks/Grade Awarded: A

Synopsis of the Seminar

Classification, identification, nomenclature, characters are basic components of taxonomy. Its main aim is to provide a convenient method of identification and communication about a taxon and provide a classification which is based on natural affinities of plants.



Signature of the Student

Signature of the Teacher

STUDENTS WHO ATTENDED THE SEMINARS

	Roll no.	Name of the student	Signature
1	17203001	AMBEDKAR	<i>Ambedkar</i>
3	17203002	BABY KUSUMA KOUSALYA	<i>Kusuma</i>
4	17203003	BHAVANA SWAROOPA	<i>Swaroopa</i>
5	17203004	GARIMA	<i>Garima</i>
6	17203005	JESU	<i>Jesu</i>
7	17203007	KIRAN KUMAR	<i>Kiran Kumar</i>
8	17203008	LAXMANA SWAMI	<i>Lakshman Swami</i>
9	17203009	LEELA PRABHA ANISHA	<i>Prabha</i>
10	17203010	MADHAVA	<i>Madhava</i>
11	17203010	MADHAVA	<i>Madhava</i>
12	17203012	NAVEENS	<i>Naveen</i>
13	17203013	PAVAN KALYAN	<i>Pavan Kalyan</i>
14	17203014	POORNA	<i>Poorna</i>
15	17203015	PRAVEEN	<i>Praveen</i>
16	17203016	RAMBABU	<i>Rambabu</i>
17	17203017	RAVI TEJA	<i>Ravi Teja</i>
18	17203019	SRINU	<i>Srinu</i>
19	17203020	SUDHAKARBABU	<i>Sudhakar</i>
20	17203021	SUVARNA	<i>Suvarna</i>
21	17203022	SWATHI	<i>Swathi</i>
22	17203023	VIJAYA LAKSHMI	<i>Vijaya Lakshmi</i>
23	17204001	AKHIL	<i>Akhil</i>
24	17204003	ARJAMMA	<i>Arjamma</i>
25	17204005	BHAVANI	<i>Bhavani</i>

2018-19

Sem III

Dr. V.S. Krishna Govt. Degree College (Autonomous) Visakhapatnam
Internal Quality Assurance Cell
STUDENT SEMINAR/PPT PRESENTATION

Department : Botany Class IIIrd BZC

Student Name (Speaker): S. Kanaka Mahalakshmi

Date: 29/10/18

Topic: Poaceae

Audio Visual Aid used Chart/Model/Any other: Black Board chalk

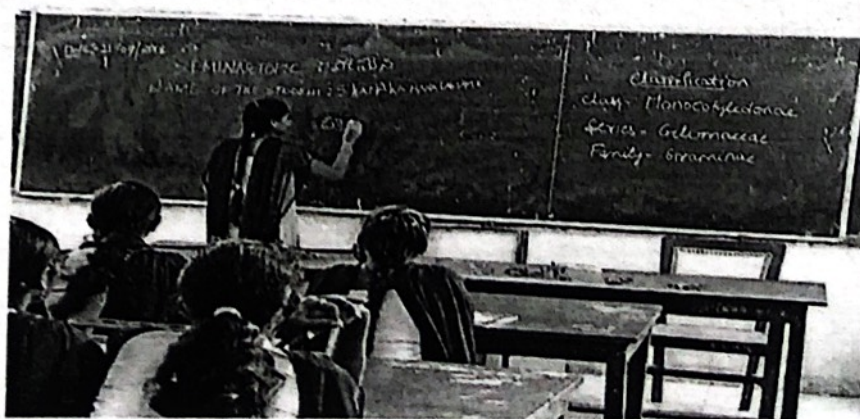
No of Students Present: 80

Marks/Grade Awarded: A

Synopsis of the Seminar

The family is one of the largest and most important family of plant Kingdom. Most of the grasses are annual. The aerial stems are called culms, leaves exstipulate. The inflorescence terminate the culm. The basic unit of inflorescence is spikelet. Rachis is reduced to lodicules. Androecium consists of 3 stamens. Gynoecium is mono-chlamydeous unilocular superior ovary. Fruit is caryopsis.

PHOTO



S. Kanaka Mahalakshmi
 Signature of the Student

N. K. S.
 Signature of the Teacher

STUDENTS WHO ATTENDED THE SEMINARS

S. No	Roll NO	NAME OF THE STUDENT	SIGNATURE
1.	T17203033	ANURADHA.CH	A. Anuradha
2.	T17203034	ASWINI.K	K. Aswini
3.	T17203035	BHAGYALAKSHMI.A	A. Bhagyalakshmi
4.	T17203036	BHANUPRASKESH.K	K. Bhanupraskesh
5.	T17203037	BHULAKSHMI.Y	Y. Bhulalakshmi
6.	T17203038	CHANDRASEKHAR.B	B. Chandrasekhar
7.	T17203041	CHIRANJEEVI.K	K. Chiranjeevi
8.	T17203044	DEVI.M	M. Devi
9.	T17203045	DEVI.M	M. Devi
10.	T17203047	DHARANI.B	B. Dharaani
11.	T17203048	DIVYA.R	R. Divya
12.	T17203049	ESWARA RAO.T	T. Eswara Rao
13.	T17203050	GANDHI.G	G. Gandhi
14.	T17203051	GOWRIESH.K	K. Gowriesh
15.	T17203052	GOWTHAMI.CH	CH. Gowthami
16.	T17203053	JAINAB BEGUM.S	S. Jainab Begum
17.	T17203054	KANAKA MAHALAKSHMI.S	S. Mahalakshmi
18.	T17203055	LALITHA.K	K. Lalitha
19.	T17203056	MADHAVI.D	D. Madhavi
20.	T17203057	MADHUSUDHANA RAO.K	K. Madhusudhana Rao
21.	T17203058	MANIKANTA.K	K. Manikanta
22.	T17203059	MANIKANTA.K	K. Manikanta
23.	T17203060	MOHAN RAO.S	S. Mohan Rao
24.	T17203061	MONIKA.V	V. Monika
25.	T17203062	MUTYALAMMA.S	S. Muttialamma

2018-19

Sem III

Dr. V.S. Krishna Govt. Degree College (Autonomous) Visakhapatna
in

Internal Quality Assurance Cell
STUDENT SEMINAR/PPT PRESENTATION

Department : Botany _____ Class IIIrd BZC _____

Student Name (Speaker): P. Ravi Teja Date : 11/11/18

Topic: Arnonaceae

Audio Visual Aid used Chart/Model/Any other: Plant specimen, Black Board.

No. of Students Present: 50. Marks/Grade Awarded: A

Synopsis of the Seminar

Plants are usually aromatic trees or shrubs. Leaves alternate, exstipulate, simple, entire. Inflorescence is terminal, leaf opposite. In Aristolochia peduncle is hook like. Flowers pedicellate, complete actinomorphic, trimerous, bisexual, syncyclic, superior ovary, hooded anthers, aggregate of berries. Seeds.

PHOTO



P. Ravi Teja
Signature of the Student

N. S. S. S.
Signature of the Teacher

STUDENTS WHO ATTENDED THE SEMINARS

S,no	Roll no.	Name of the student	Signature
1	17203001	AMBEDKAR	Ambedkar
3	17203002	BABY KUSUMA KOUSALYA	Baby Kusuma Kousalya
4	17203003	BHAVANA SWAROOPA	B. Swaroopa
5	17203004	GARIMA	Garima
6	17203005	JESU	JESU
7	17203007	KIRAN KUMAR	Kiran Kumar
8	17203008	LAXMANA SWAMI	Laxmana Swami
9	17203009	LEELA PRABHA ANISHA	L. prabhathani
10	17203010	MADHAVA	Madhava
11	17203010	MADHAVA	Madhava
12	17203012	NAVEENS	naveens
13	17203013	PAVAN KALYAN	Pavan Kalyan
14	17203014	POORNA	Poorna
15	17203015	PRAVEEN	Praveen
16	17203016	RAMBABU	Rambabu
17	17203017	RAVI TEJA	Raviteja
18	17203019	SRINU	Srinu
19	17203020	SUDHAKARBABU	Sudhakarbabu
20	17203021	SUVARNA	Suvarna
21	17203022	SWATHI	Swathi
22	17203023	VIJAYA LAKSHMI	Vijaya Lakshmi
23	17204001	AKHIL	Akhil
24	17204003	ARJAMMA	Arjamma
25	17204005	BHAVANI	Bhavi

2018-19

Sem III

Dr. V.S. Krishna Govt. Degree College (Autonomous) Visakhapatna
m

Internal Quality Assurance Cell

STUDENT SEMINAR/PPT PRESENTATION
ON

Department : Botany

Class IIIrd BZC 26/10/18

Student Name (Speaker): Date :

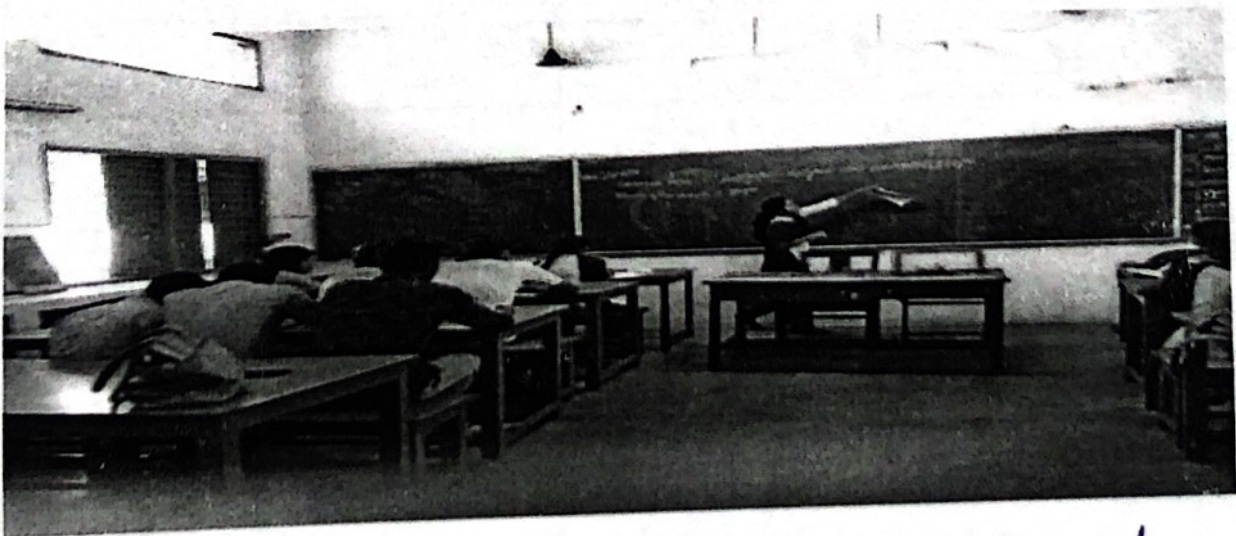
Topic: International Code of Botanical Nomenclature

Audio Visual Aid used Chart/Model/Any other: Black Board chalk.

No. of Students Present: 50 Marks/Grade Awarded: A

Synopsis of the Seminar

The naming of the plants is based on the rules of ICBN. The ICBN only deals with the naming of plants. There are 6 principles of ICBN. Important rules are Taxa and their ranks, Name of the genus, Name of the species authority, Principle of priority, Typification.



Signature of the Student

N. S. S. S.
Signature of the Teacher

List of students who attended Seminar			
S,no	Roll No	Name of the Student	Signature of the student
1	17204001	AKHIL	Akhil
2	17204002	ANANDH	Anandh
3	17204003	ARJAMMA	Arjamma
4	17204005	BHAVANI	Bhavani
5	17204006	DAYANI	Dayani
6	17204008	JANARDHAN	Janardhan
7	17204009	KARTHEEK	Karthikeya
8	17204010	KONDAMMA	Kondamma
9	17204011	KOTESWARA RAO	Koteswara Rao
10	17204011	KOTESWARA RAO	Koteswara Rao
11	17204012	KRISHNA	Krishna
12	17204013	NAGENDRA	Nagendra
13	17204014	PAVANKUMAR	Pavankumar
14	17204015	RAJANI	Rajani
15	17204016	RAJESWARI	Rajeshwari
16	17204017	RAMYA SRI	Ramya Sri

17	17204018	RAVI KUMAR	Ravikumar
18	17204020	SRINIVAS NAIK	Srinivas
19	17204021	SYAMALA	Syam
20	17204022	TEJA RAM	Teja
21	17204023	TEJESWARA RAO	Tejeswar
22	17204024	TRIVENI	Triveni
23	17204026	YAMINI	Yamini
24	17204027	YERRU NAIDU	Yerra naidu
25	17331002	ARUNA	← Aruna.

Dr.V.S.Krishna Govt. Degree College (Autonomous) Visakhapatnam
Internal Quality Assurance Cell

GUEST LECTURE / INVITED RESOURCE TALK

Department: Botany		Date: 22/09/2018
Class/ Target audience	Ist B.Sc	
Name, Designation and Professional Details of the Resource Person:		
Smt. J. Jaya Lakshmi Lecturer in Botany, Govt. Degree College, Sabbavaram		

Bank A/c Details with IFSC Code of Resource Person:

TOPIC

--

Synopsis of the Resource Talk

Lichens are a small group of plants of composite nature, consisting of two dissimilar organisms, an alga-phycobiont (phycos — alga; bios — life) and a fungus-mycobiont (mykes — fungus; bios — life); living in a symbiotic association. used on the morphological structure of thalli, they are of three types crustose, foliose and fruticose. Lichen reproduces by all the three means — vegetative, asexual, and sexual.

PHOTOGRAPHS OF THE EVENT

--

Resource Person Comments/Feedback:

Signature of the Resource Person (with date):

J. Jaya Lakshmi
27/9/2018

Signature of HOD /Incharge:

STUDENTS WHO ATTENDED THE SEMINARS

S,no	Roll no.	Name of the student	Signature
1	17203001	AMBEDKAR	Ambedkar
3	17203002	BABY KUSUMA KOUSALYA	Baby Kusuma Kousalya
4	17203003	BHAVANA SWAROOPA	B. Swaroopa
5	17203004	GARIMA	Garima
6	17203005	JESU	JESU
7	17203007	KIRAN KUMAR	Kiran Kumar
8	17203008	LAXMANA SWAMI	Laxmana Swami
9	17203009	LEELA PRABHA ANISHA	L. prabha Anish h
10	17203010	MADHAVA	Madhava
11	17203010	MADHAVA	madhava
12	17203012	NAVEENS	naveens
13	17203013	PAVAN KALYAN	pavankalyan
14	17203014	POORNA	Poorna
15	17203015	PRAVEEN	PRAVEEN
16	17203016	RAMBABU	Rambabu
17	17203017	RAVI TEJA	Ravi Teja
18	17203019	SRINU	Srinu
19	17203020	SUDHAKARBABU	Sudhakarbabu
20	17203021	SUVARNA	Suvarna
21	17203022	SWATHI	Swathi
22	17203023	VIJAYA LAKSHMI	Vijaya Lakshmi
23	17204001	AKHIL	Akhil
24	17204003	ARIJAMMA	A. Rajamma
25	17204005	BHAVANI	Bhavi

2021-22

Dr. V.S. Krishna Govt. Degree College (Autonomous) Visakhapatnam
Internal Quality Assurance Cell
FIELDTRIP/STUDYTOUR

Department: Botany

Date(S): 26/03/2021 to 26/03/2022

Class: IIND BZC (EM&TM, BTBC)

Name & Detail of Place(S) Visited: Dept of Botany, Andhra University

Purpose of Visit: As part of academic curriculum for identification of plants and herbarium collection visited Department of Botany Andhra University & Horticulture department, Visakhapatnam.

Field Visit/Study Tour Report: As part of academic curriculum, the students have to study and understand the topics in Plant ecology and Biodiversity in Semester III. Visited museum and observed different kinds of specimens. Botanical gardens play an important role in conservation of rare plants (*Brownia coccinea*, *Saraca indica*, *Pterocarpus santalinus*, gymnosperms, medicinal plants etc. Observed pond ecosystem and their adaptations. Different kinds of ornamental plants were observed at horticulture department. Herbarium of medicinal plants observed.



Signature of the accompanying Teachers

D. N. S. S. S.

21/6/22

Dr.V.S.Krishna Govt. Degree College (Autonomous) Visakhapatnam
Internal Quality Assurance Cell

DEPARTMENTAL EXTENSION ACTIVITIES / DAYS OBSERVED

(Other than NCC, NSS, SPORTS, STUDENT COUNCIL)

Department : Botany Date & Time June 5th, Sept. 2nd
Feb. 2nd, Sept. 16th
March 21st
Occasion / Name of the day / Week: As given below
Nature of Activity : Related to Environmental Awareness - clean & green
Place of Activity : Dr VSK Govt. Degree College, Vinakhapatnam
Names of Faculty Involved: Dr P. Greevani, Dr D. Appa Rao, Dr TMV Nivedita
Dr D.K. Vijaya Lakshmi, Dr DS Madhava Rao, Dr S Padmavathi

SUMMARY REPORT OF THE ACTIVITY

From June 2017 to June 2022 different Awareness programmes on specific days conducted.

- ① June 5th - World Environment Day
- ② Sept. 2nd - Coconut Day
- ③ Sept 16th - Ozone Day
- ④ Feb 2nd - World wet land day
- ⑤ March 21st - World forest day

In the year 2020 - Due to Covid-19 Environment Day was conducted virtually.

Every year in July last week Vanam - Maham, Clean & green of Organized. On Dec '11 PHOTO by Awareness programme campus
Green Vision club conducted

On 19th Feb '22 → The faculty and students Broad casted Ornamental plant Seeds in the campus.

No of Students Present: _____

Signature of the HOD / In-Charge of the Dept

All the Staff of Dept. of Botany
Students of BSc TM, EM
of I, II, III YRS.

III

YR. BZC SEMINAR BY

TM, FM

STUDENTS - 5 Years

B+Bc

Dr. V.S. Krishna Govt. Degree College (Autonomous) Visakhapatnam
Internal Quality Assurance Cell

STUDENT SEMINAR / PPT PRESENTATION
2017-18

Department

:

Botany

Class :

III BZC (TM)

Student Name (Speaker):

G. Sahitya Sravani

Date :

7-9-17

Topic:

DNA Replication

Audio Visual Aid used Chart / Model / Any other:

Diagrammatic Representation

No of Students Present:

15

Marks / Grade Awarded:

'A'

Synopsis of the Seminar

DNA Replication: Since DNA is the hereditary material, it should be replicated exactly. In Semi-conservative replication of DNA the two strands of parent DNA separate and a new complementary base sequence is made on each of the strands. A Replication fork is formed, the Okazaki pieces are joined through the action of an enzyme called Polynucleotide ligase, so that a continuous chain is formed.

PHOTO

G. Sahitya Sravani
Signature of the Student

K.V. Lakshmi
Signature of the Teacher

2017-18

FL

T15203059 - P. Naveen Kumar (B2C, TM)
 3031 - V. Adilashmi (B2C, TM)
 T15203015 - G. Sahitya Sravani (B2C, EM)
 T15204013 - K. Sruthana Sai (B+B2C)

STUDENTS WHO ATTENDED THE SEMINAR

List of
 Seminars
 Presenters

2019-20
 Final
 Year

S.No	Roll No	Name of the Student Present	Signature
1	T17203037	(2019-20) Final Year - B2C (TM) Y. Bhulakshmi	V. Bhulakshmi
2	T17203061	V. Mounika	Mounika
3	T17203062	S. Mutyalamma	S. Mutyalamma
4	T17203081	B. Sakti Babu	B. Sakti Babu
5	E17203004	E. Garima B2C (EM)	Garima
6	E17203009	A. Anisha	Anisha
7	E17203017	P. Ravi Teja	P. Ravi Teja
8	E17204026	Ch. Yamini B+B2C (EM)	Yamini
9	E17204017	P. Ramya Sri	Ramya Sri

2020-21
 Final
 Year

10	T18203048	D. Karishma B2C (TM)	Karishma
11	T18203058	D. Phalguni Rao	D. Phalguni Rao
12	T18203091	S. Ullash	Ullash
13	T18203071	S. Sai Meghana	S. Sai Meghana
14	E18203002	K. Bhavya Vani B2C (EM)	Bhavya Vani
15	E18203012	D. Lalitha Virajatha	Lalitha
16	E18203003	B. Bindu	B. Bindu
17	E18203006	R. Divya Sri	Divya Sri
18	E18203021	B. Sai Kumar	S. Sai Kumar

2021-22
 Final
 Year

19	E18204031	M. Sujana Devi B+B2	Sujana
20	E19203008	P. Lakshman B2C (EM)	Lakshman
21	E19204036	Vasudha Sharma B+B2C	Vasudha
22	E19203023	B. Yugandhar B2C (EM)	Yugandhar
23	E19203029	Babu Rao M. (B2C, TM)	Baburao
24	E19203048	Lakha, A	A. Lakha
25	E19203057	Nooka Devi, A.	Nooka Devi
26	E19203086	Sravani V	S. Sravani

2018-19
 Final
 Year

27	E16203015	Poli Naidu K (B2C, TM)	P. Naidu
28	E162030104	Vijaya Prakash	Vijaya Prakash
29	E16203029	Vinod Kumar (B2C), EM)	Vinod Kumar
	E16204013	Prasanna, S (B+B2C)	Prasanna

Dr.V.S.Krishna Govt. Degree College (Autonomous) Visakhapatnam
Internal Quality Assurance Cell

STUDENT SEMINAR / PPT PRESENTATION

(2018-19)

Department : Botany Class : 2018-19
III B2C (TM)

Student Name (Speaker): Poli Naidu K Date : 5-2-19

Topic: Meiosis in Plants

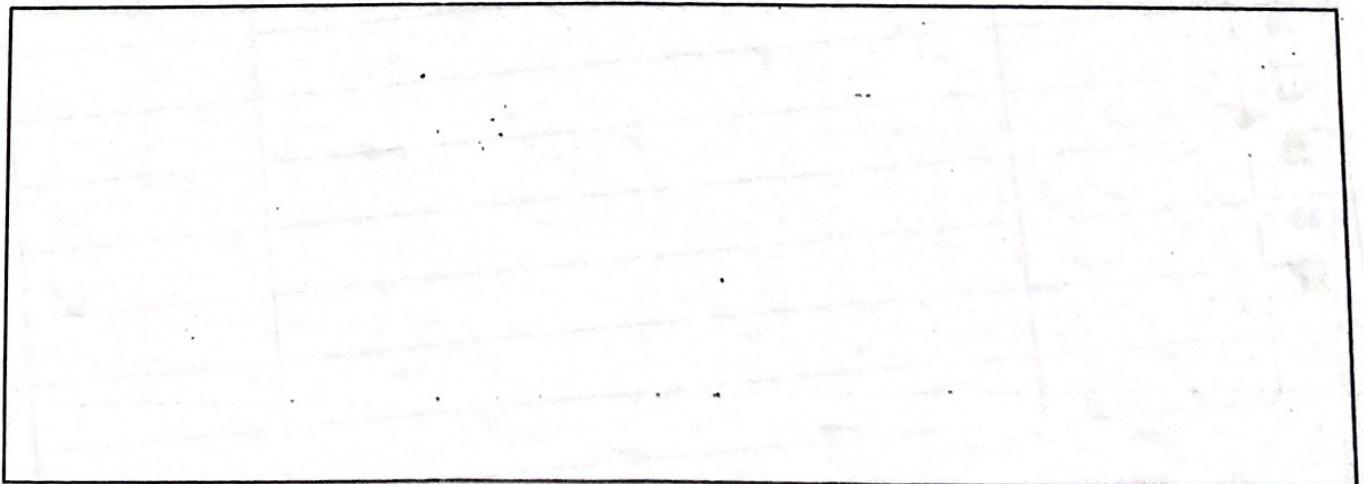
Audio Visual Aid used Chart / Model / Any other: Bio-Visual chart

No of Students Present: 45 Marks / Grade Awarded: 'A'

Synopsis of the Seminar

Meiosis occurs only in Diploid Reproductive cells resulting
on the formation of haploid gametes. These gametes through union
support sexual reproduction in eukaryotic organisms. Meiosis is divided
into 2 successive divisions 1) Meiosis I 2) Meiosis II. Meiosis I
can be divided into a) Leptotene b) Zygotene c) Pachytene d) Diplotene
e) Diakinesis

PHOTO



K. Poli Naidu
Signature of the Student

K.V. Lakshmi
Signature of the Teacher

Dr.V.S.Krishna Govt. Degree College (Autonomous) Visakhapatnam
Internal Quality Assurance Cell

STUDENT SEMINAR / PPT PRESENTATION

(2019-20)

Department : Botany Class : III B2C (EM)

Student Name (Speaker): G. Anisha Date : 7-11-2019

Topic: Dihybrid Cross

Audio Visual Aid used Chart / Model / Any other: Checker Board

No of Students Present: 20 Marks / Grade Awarded: A

Synopsis of the Seminar

A cross between two parents differing in 2 pairs of contrasting characters is known as dihybrid cross. Mendel formulated 'Law of independent Assortment' by his observations, "The factors or genes for different pairs of contrasting characters present in a parent Assort independently from one another during gamete production. The random union gives rise to 9:3:3:1 Phenotypic Ratio".

G. Anisha

Signature of the Student

K.V. Lakshmi

Signature of the Teacher

Dr.V.S.Krishna Govt. Degree College (Autonomous) Visakhapatnam
Internal Quality Assurance Cell

STUDENT SEMINAR / PPT PRESENTATION

(2020-21) - on line presentation during Covid-19

Department : Botany

Class : BZC (EM)

Student Name (Speaker): B. Sai Kumar Date : 10-6-20

Topic: Marine Ecosystems

Audio Visual Aid used Chart / Model / Any other: PPT presentation in A-Suite

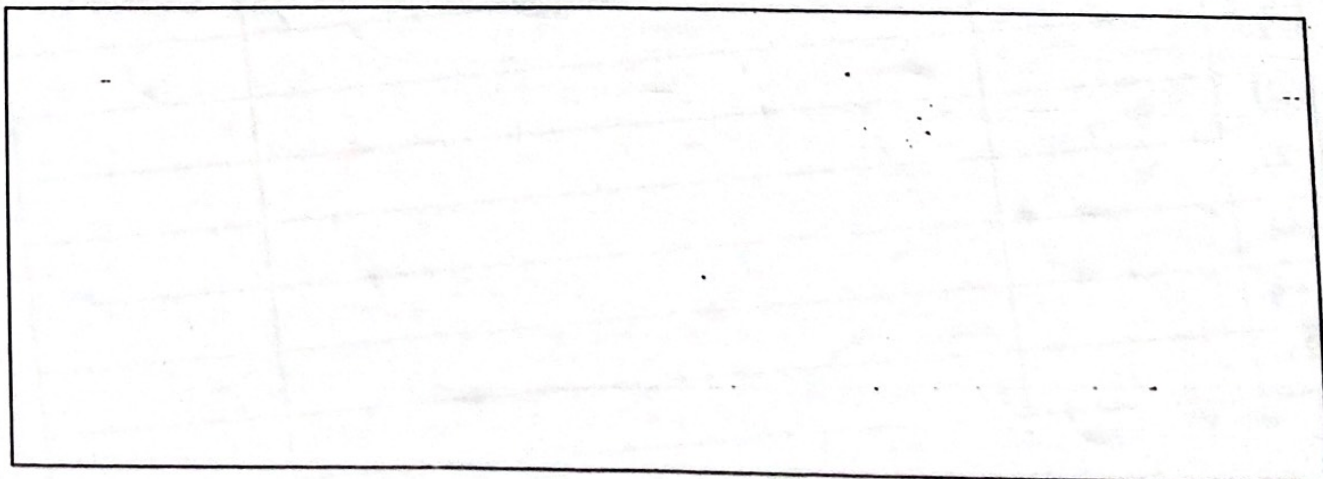
No of Students Present: 16

Marks / Grade Awarded: A

Synopsis of the Seminar

Marine ecosystems are aquatic environments with high levels of dissolved salt. They include open ocean, a deep sea ocean, and coastal marine ecosystems, each of which has different physical and biological characters. Marine ecosystems are classified - Benthic Zone & Pelagic zone.

PHOTO



B. Sai Kumar
Signature of the Student

R.V. Lakshmi
Signature of the Teacher

Dr.V.S.Krishna Govt. Degree College (Autonomous) Visakhapatnam
Internal Quality Assurance Cell

STUDENT SEMINAR / PPT PRESENTATION

(2021-22)

Department : Botany Class : III B2C (TM)

Student Name (Speaker): Lalika A. Date : 16-2-2022

Topic: చాడ పొడలు - వ్యాధుల నివారణ

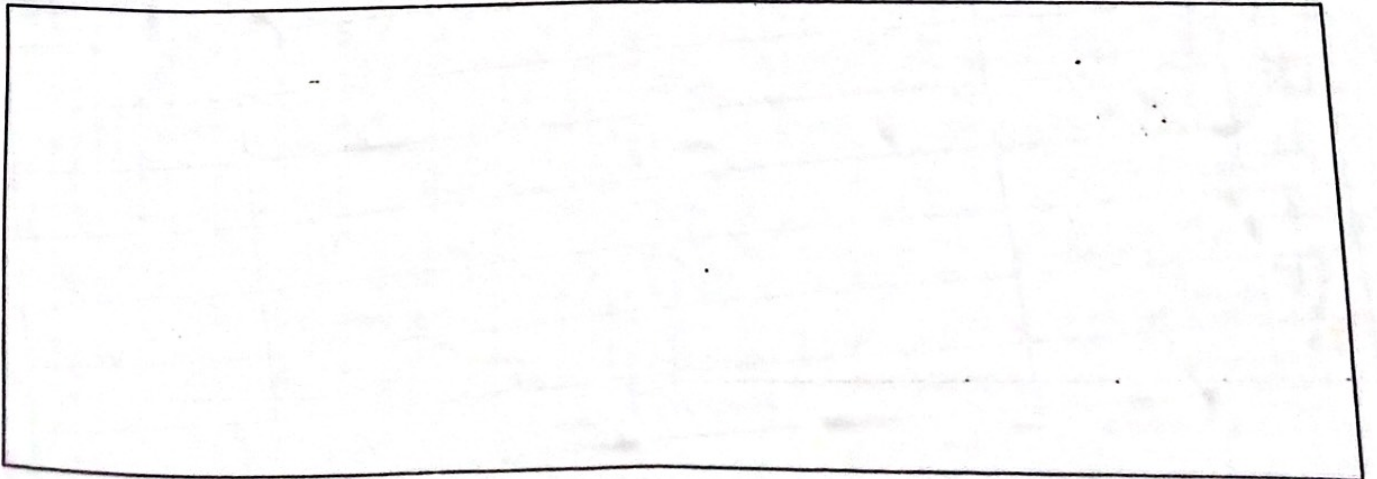
Audio Visual Aid used Chart / Model / Any other: Model and diagram

No of Students Present: 45 Marks / Grade Awarded: A

Synopsis of the Seminar

1. వ్యాధి నివారణ పద్ధతులు - పర్మిట్టేషన్	2. మొక్కలలో వ్యాధి నిరోధక శక్తిని
ప్రేరేపించుట	3. ఎరువు తయారీ
4. సహజ శత్రువులను పంపొందించుట	5. యాంత్రిక నివారణ
6. జీవసంబంధ నివారణ	7. సహజ చాడ నిరోధకాలు
పై విషయాల గురించి సెమినార్ లో చర్చించుట జరిగింది.	

PHOTO



A. Lalika

Signature of the Student

K.V. Lakshmi

Signature of the Teacher

Dr.V.S.Krishna Govt. Degree College (Autonomous) Visakhapatnam
Internal Quality Assurance Cell

FIELD TRIP / STUDY TOUR - 2018-19
Final Year Bsc.

Department: Botany

Date(S): 6-2-2019 to —

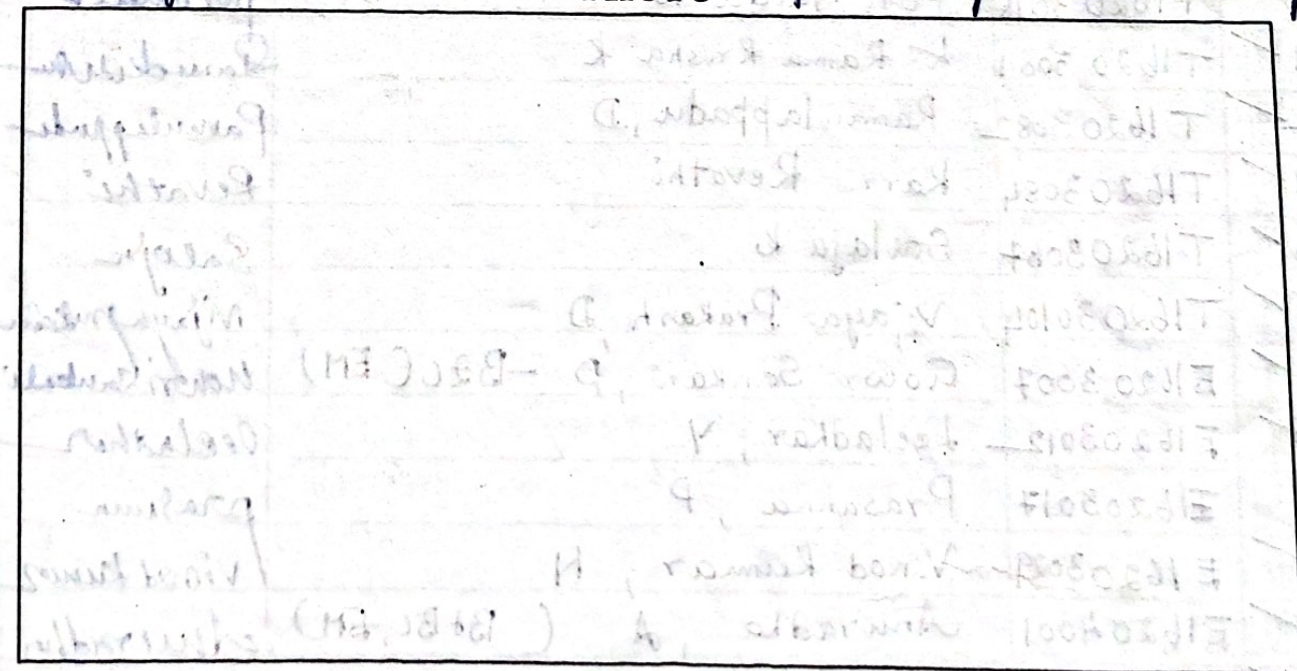
Class : B2C(TM) B2C(EM), B+BC(EM)

Name & Details of Place(S) Visited: Botanical garden, Museums, Herbarium Room and Horticultural gardens of Andhra University; Sea coast of Visakhapatnam

Purpose of Visit : To have a over-view of Beach Flora of Visakhapatnam; Identification of Algal flora.

Field Visit / Study Tour Report: Botanical tour:

Final Bsc - Botany students of 3 Sections (B2C, TM, EM, B+BC)
are taken for field visit to the above places. The Botanical
field visit is headed by Dr P. Sreevani, HOD of Botany &
accompanied by Dr. K. Vijaya Lakshmi, Lecturer in Botany,
Dr D.S. Madhava Rao Lecturer in Botany. The students identify
rare and exotic sps. of A.U. campus, Medicinal Plants, Herbarium
The students gained hands on practice regarding Algal collection
as they have an elective PHOTO subject: Algal Biotechnology



No of Students Participated: 107

K.V. Lakshmi
Signature of the Accompanying Teacher(s)

[Signature]
Signature of the HOD

STUDENTS WHO ATTENDED THE FIELD TRIP

S.No	Roll No	Name of the Student Present	Signature
1		2018-19 Field Trip (Final Year)	
2		Andhra Univ. Dept. of Botany	
3		Sea Coast of Visakhapatnam	
		R.K. Beach	
1.4	T16203045	Anusha J. - B2C (TM)	Anusha
2.5	T16203051	Durga Prasad	Durgaprasad
3.9	T16203092	Siva Ganga Bhavani, S.	S. Sivagangabharani
4.7	T16203054	Hema Lakshmi, M	M. Hemalatha
5.8	T16203057	Jaya Lakshmi M	Jaya Laxmi
6.9	T16203058	Jyoti Y	Jothi
7.10	T16203060	Jyotsna N	Jyotsna
8.11	T16203062	Karaka Durga A	Karaka Durga
9.12	T16203069	Maheswari V	Mes
10.13	T16203075	Poli Naidu K	poli naidu
11.14	T16203081	K. Rama Krishna K	Ram Krishna
12.15	T16203082	Ramulappadu, D	Ramulappadu
13.16	T16203084	Karri Revathi	Revathi
14.17	T16203087	Sailaja K	Sailaja
15.18	T162030104	Vijaya Prakash, D	Vijaya Prakash
16.19	E16203007	Gowri Sankari, P - B2C (EM)	Gowri Sankari
17.20	E16203012	Leeladhar, Y	Leeladhar
18.21	E16203017	Prasanna, P	Prasanna
19.22	E16203029	Vinod Kumar, N	Vinod Kumar
20.23	E16204001	Anuradha, A (B+Bc, EM)	Anuradha
21.24	E16204003	Chandramma, G	Chandramma
22.25	E16204013	Prasanna, S	Prasanna

Dr.V.S.Krishna Govt. Degree College (Autonomous) Visakhapatnam
Internal Quality Assurance Cell

FIELD TRIP / STUDY TOUR (2019-20)

Department: Botany

Date(S): 18/2/20 to —

Class : B2C TM, EM, BTBC

Name & Details of Place(S) Visited: Eco-friendly Nursery, Vepagunta, Visakhapatnam

Purpose of Visit : Botanical Field Trip

Field Visit / Study Tour Report: As a part of curricular activity, the students of B2C (TM, EM), BTBC are taken for 1 day field trip to Eco-friendly Nursery, Vepagunta, Visakhapatnam. They got an opportunity to learn layering, grafting techniques, Bonsai culture Nursery Maintenance, Gardening operations, etc. They learnt how to develop horticulture Varieties Vs Traditional Varieties. They also purchased eco friendly products from the stall in the Nursery. Overall the students PHOTO enjoyed the trip.

No of Students Participated: 120

Signature of the Accompanying Teacher(s)

K.V. Lakshmi
Lecturer in Botany

DM

Signature of the HOD

Hti

STUDENTS WHO ATTENDED THE FIELD TRIP (2019-20)

S.No	Roll No	Name of the Student Present	Signature
1	T17203031	P. Abraham B2C (TM)	P. Abraham
2	T17203034	K. Aswini "	K. Aswini
3	3038	B. Chandra Sekhar "	B. Chandra Sekhar
4	3044	K. Devi "	K. Devi
5	3047	B. Dharani "	B. Dharani
6	3051	K. Gowrish "	K. Gowrish
7	3053	SK. J. Begum "	SK. J. Begum
8	3054	SKM Lakshmi "	SKM Lakshmi
9	3055	K. Lalitha "	K. Lalitha
10	3061	V. Mounika "	V. Mounika
11	3062	S. Mutyalamma "	S. Mutyalamma
12	3071	P. Radha "	P. Radha
13	3075	K. Ramu "	K. Ramu
14	3076	Y. Ramya "	Y. Ramya
15	3080	K. Sateesh "	K. Sateesh
16	3081	B. Sanki Babu "	B. Sanki Babu
17	3082	P. Sanki "	P. Sanki
18	3085	D. Sireesha "	D. Sireesha
19	3098	K. Yamini "	K. Yamini
20	3100	N. Yernamma "	N. Yernamma
21	E17203003	P. Bhavana Swaroop (B2C, EM)	P. Bhavana
22	3004	E. Garima "	E. Garima
23	3009	G. Anisha "	G. Anisha
24	3017	P. Ravi Teja "	P. Ravi Teja
25	E17204020	N. Sreenivas Nayak (B+B2C)	N. Sreenivas

Dr.V.S.Krishna Govt. Degree College (Autonomous) Visakhapatnam
Internal Quality Assurance Cell

FIELD TRIP / STUDY TOUR (2021-22)

Department: Botany

Date(S): 16/2/22 to —

Class : B2C (TM, EM), B1BC

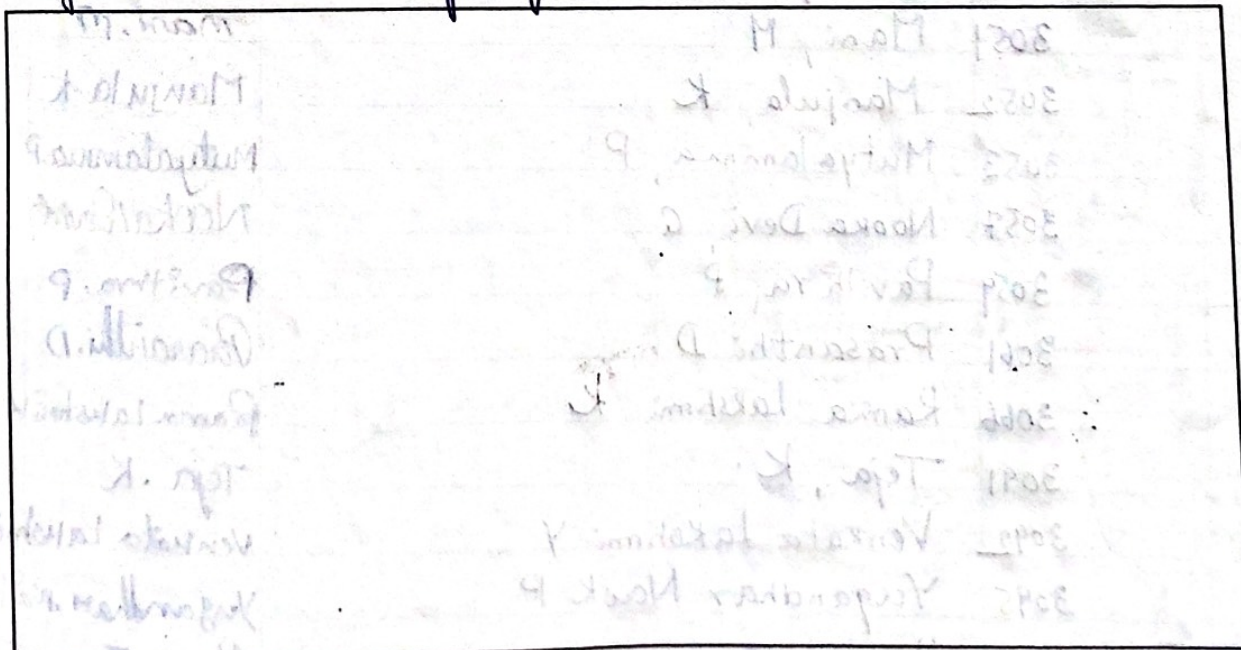
Name & Details of Place(S) Visited: Eco-friendly Nursery, Vepagunta, Visakhapatnam

Purpose of Visit : Botanical Field Visit

Field Visit / Study Tour Report: As the final year B.Sc. students have Nursery, Gardening & Floriculture under Elective Paper VII (Th+Prac) and Add on course Horticultural techniques they visit place has well maintained garden with organic farming, which display ornamentals, Palms, Orchards, Exotic plants with technically trained gardeners and horticulturalists for demonstration.

Overall the trip enhanced the knowledge of gardening techniques for the students of Botany.

PHOTO



No of Students Participated: 110

Signature of the Accompanying Teacher(s)

K.V. Lakshmi

Signature of the HOD

STUDENTS WHO ATTENDED THE FIELD TRIP (2021-22)

S.No	Roll No	Name of the Student Present	Signature
1	E19203003	ADPAV Sai Lakshmi B2C(FM)	P. Ishwarya
2	3004	P. Ishwarya	P. Lakshman
3	3008	P. Lakshman	D. Mouli
4	3009	D. Mouli	P. Shyam
5	3016	P. Shyam	B. Yugandhar
6	3023	B. Yugandhar	Babu Rao M
7	T19203029	Babu Rao M B2C(TM)	Bhulakshmi S
8	3033	Bhu Lakshmi S	K. Deepika
9	3035	Deepika K	Jagannadham
10	3041	Jagannadham P	Karthik R
11	3042	Karthik R	Karuna V
12	3043	Karuna V	Latha, G
13	3048	Latha, G	Mani, M
14	3051	Mani, M	Manjula K
15	3052	Manjula K	Mutyalamma P
16	3053	Mutyalamma P	Nooka Devi G
17	3057	Nooka Devi G	Pavitra P
18	3059	Pavitra P	Prasanthi D
19	3061	Prasanthi D	Rama Lakshmi K
20	3066	Rama Lakshmi K	Teja K
21	3091	Teja K	Venkata Lakshmi Y
22	3092	Venkata Lakshmi Y	Yugandhar Naik P
23	3095	Yugandhar Naik P	Hyma J
24	E19204008	Hyma J	Vasudha Sharma V
25	4036	Vasudha Sharma V	

Dr.V.S.Krishna Govt. Degree College (Autonomous) Visakhapatnam
Internal Quality Assurance Cell

GUEST LECTURE / INVITED RESOURCE TALK

Department: <u>Botany</u>		Date <u>11/11/2018</u> ; <u>6/11/19</u> ; <u>3/1/20</u> <u>22/2/22</u> ; <u>10/3/22</u>
Class/ Target audience	Students of <u>II, II, I</u> YR <u>B&LTH, EM</u> , <u>B&BC</u>	
Name, Designation and Professional Details of the Resource Person:		
<u>Given below</u>		

Bank A/c Details with IFSC Code of Resource Person:

2017-18 to 2022-23

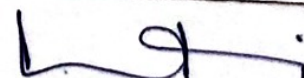
TOPIC - Guest lectures

<u>2017-18 - 11-11-2018</u>	<u>Applications of Biotechnology and Industrial Research</u> * <u>Prof. Sujatha Peela</u> , <u>Principal, College of Science</u> <u>Dr. BR Ambedkar Univ. Srikakulam, A.P.</u>
<u>2018-19 - 6-11-2019</u>	<u>Synopsis of the Resource Talk</u> <u>Rama Krishna</u> , <u>former VC of Krishna University</u> <u>Environmental Pollution in and around</u>
<u>2019-20 - 3-1-2020</u>	<u>Ayurvedic Medical System</u> <u>Dr. Sathyanarayana, DwiBhasyam</u> <u>Visakhapatnam</u>
<u>2020-21</u>	<u>Due to covid-19, no guest lecture</u>
<u>2021-22 - 22/2/22</u>	<u>Vegetation in Eastern Ghats</u> <u>Dr P. Chandra Sekhar, Principal, ADC (Yelamanchili)</u> <u>AKP Dist.</u>
<u>2022-23 - 10/3/22</u>	<u>Biotechnology - Interventions in Agriculture</u> <u>- A live Journey</u> <u>Dean & Director - Centurian University, V2M</u>

PHOTOGRAPHS OF THE EVENT

Resource Person Comments/Feedback:

Signature of the Resource Person (with date):


 Signature of HOD / Incharge:

Dr.V.S.Krishna Govt. Degree College (Autonomous) Visakhapatnam
Internal Quality Assurance Cell
ACADEMIC COMPETITION

Department: Botany

Date(s): 2/3/22

Type of Academic Competition: Poster Presentation Team/Individual: ✓
National Forest Day

Class(s) : III B2C (TM)

Occasion: National Forest Day '22

No of Participants / Teams: 25

Winners 1. M. Babu Rao 2. Lakshya, A 3. Vasudha Sharma
III B2C (TM) III B2C (TM) III B2C

TOPIC(S)

- 1) Forests for People
- 2) Forests and Sustainable Production & Consumption
- 3) Forest Restoration; a Path to recovery and well being
- 4) Forests as green wealth

PHOTO

K.V. Lakshmi

Signature of the Teacher

Signature of the In-Charge of the Dept