



Andhra Christian College, Guntur

Affiliated to Acharya Nagarjuna University
Sambasivapet main road, Guntur -522001, A. P.

E mail: accollegeguntur@gmail.com

website: www.accollegeguntur.com

Criterion: I

Metric: 1.1.1



1.1.1. STUDENT FIELD TRIPS

TO

Date: 27-04-2023

The Principal,
Andhra Christian College,
Guntur.

Sub: Request for according permission to students of the 1st & 4th semester Botany, A.C.College, Guntur-Field Trip-Reg

Respected Sir,

B.Sc 1st & 4th Semester students of Botany department of A. C. College, Guntur are required to attend field trip as a part of their curriculum. In this connection, I request you to kindly permit the following B.Sc students, and faculty members to visit Agricultural College, Bapatla on 29th of April 2023 for which we shall be thankful to you.

Thanking you,

Ok
nd - a in
27/4/2023

**PRINCIPAL
ANDHRA CHRISTIAN COLLEGE
(Day, Evening & P.G)
GUNTUR**

Yours Sincerely,
G. Nirmala Kumari
Department of Botany.
Ic **Head of the Department of Botany,
ANDHRA CHRISTIAN COLLEGE**

Department of Botany

List of Faculty and B.Sc 1st & 4th Semester students of academic year 2022-2023

Sl. No	Name	Designation
1.	Mrs. G. Nirmala Kumari	Faculty
2.	Dr. R. Prasanthi	Faculty
3.	K. Madhu Kumar	Student
4.	T. Jeeva Saranu	Student
5.	B. Vara Lakshmi	Student
6.	P. Suguna	Student
7.	G. Sri Lakshmi Chaitanya	Student
8.	K. Ammulu	Student
9.	N. Priyanka	Student
10.	J. Pallavi	Student
11.	O. Keerthi	Student
12.	A. Malathi	Student
13.	M. Vidasri	Student


PRINCIPAL
ANDHRA CHRISTIAN COLLEGE
(Day, Evening & P.G.)
GUNTUR

G. Nirmala Kumari
In-charge of the Department of Botany,
ANDHRA CHRISTIAN COLLEGE
GUNTUR

Department of Botany
Field Trip Report -1(2022-2023)

Name of the activity: Field Trip

Date: 29th of April 2023

Objectives:

1. To acquire practical knowledge
2. To interact with subject experts and scholars to know about their work.

Description: Agricultural College, Bapatla was started on 11 July 1945. It is affiliated to Acharya N.G. Ranga Agricultural University, Guntur, A.P. It is 53km away from Guntur.

Report: First visited soil testing lab, there we saw different types of instruments used for soil testing. Then we visited chemistry lab, where we saw micro kjeldahl apparatus, distillation process, shaker system and atomic absorption spectrum arranged in a separate room. We went to vermin compost form and mushroom culture room. Then we went Ravi gardens. The workers explained various horticultural practices followed to grow ornamental plants.

Outcome: Students acquired the knowledge of various laboratory instruments, Vermi compost, mushroom culture procedure and horticultural practices.

Participants: 1st & 4th Semester students along with lecturers.





TO

Date: 03-02-2023

The Principal,
Andhra Christian College,
Guntur.

Sub: Request for according permission to students of the 3rd semester Botany, A.C.College, Guntur-Field Trip-Reg

Respected Sir,

B.Sc 3rd Semester students of Botany department of A. C. College, Guntur are required to attend field trip as a part of their curriculum. In this connection, I request you to kindly permit the following B.Sc students, and faculty members to visit Nagaravanam, Perecharla on 5th of Feb 2023 for which we shall be thankful to you.

Thanking you,


PRINCIPAL
ANDHRA CHRISTIAN COLLEGE
(Day, Evening & P.G)
GUNTUR

Yours Sincerely,
G. Nirmala Kumari
Department of Botany.
Ic Head of the Department of Botany,
ANDHRA CHRISTIAN COLLEGE
GUNTUR

Department of Botany

List of Faculty and B.Sc 3rd Semester students of academic year 2022-2023

Sl. No	Name	Designation
1.	Dr. V. E.V. Shekar	Faculty
2.	T. D. Raja shekar	Faculty
3.	Dr. K. Phebe Sarah	Faculty
4.	Mr. Paul Satya Keerthi	Faculty
5.	B. Prasanna Babu	Student
6.	T. Vivek	Student
7.	E. Balaji Naik	Student
8.	R. Mahesh	Student


PRINCIPAL
ANDHRA CHRISTIAN COLLEGE
(Day, Evening & P.G)
GUNTUR

G. Nirmala Kumari
IC Head of the Department of Botany
ANDHRA CHRISTIAN COLLEGE
GUNTUR

Department of Botany-2022

Field Trip -2

Name of the Activity: Field trip

Place of Visit: Nagaravanam

Date: 05.02.23

Objectives:

*To know about the importance of the plants.

*To know about botanical plants, their Scientific names and uses.

Report: Nagaravanam park offers a Wealth of natural beauty and recreational Opportunities. Its landscapes can bring a sense of calm and wonder; it is full of greenery and pleasant atmosphere. This is the best place to know about many medicinal plants. We the lecturers have shown many plants to the students and explained about their medicinal qualities and uses.

Outcome: Students acquired the knowledge of many plants and they learned the medicinal names of the plants and their medicinal qualities. Students enjoyed the pleasant atmosphere.

Participants: 3rd Sem students along with lecturers



Date: 18-09-2023

TO

The Principal,
Andhra Christian College,
Guntur.

Sub: Request for according permission to students of I B.Sc, II B.Sc & M.L.T Botany & Micro Biology, A.C.College, Guntur-Field Trip-Reg

Respected Sir,

I B.Sc, II B.Sc & M.L.T students of Botany & Micro Biology departments of A. C. College, Guntur are required to attend field trip as a part of their curriculum. In this connection, I request you to kindly permit the following students, and faculty members to visit Lam Agricultural University, Lam on 20TH of September 2023 for which we shall be thankful to you.

Thanking you,

Yours Sincerely,

G. Nirmala Kumari
Department of Botany & Micro Biology.

IC Head of the Department of Botany,
ANDHRA CHRISTIAN COLLEGE
GUNTUR

OK

PRINCIPAL
ANDHRA CHRISTIAN COLLEGE
(Day, Evening & P.G)
GUNTUR

Department of Botany

List of Faculty and I B.Sc, II B.Sc & M.L.T students of academic year 2022-2023

Sl. No	Name	Designation
1.	Mrs. G. Nirmala Kumari	Faculty
2.	T. D. Raja shekar	Faculty
3.	Dr. K. Phebe Sarah	Faculty
4.	Mr. Paul Satya Keerthi	Faculty
5.	Dr. R. Prasanthi	Faculty
6.	Mrs. Kranthi Kirani	Student
7.	E. Balaji Naik	Student
8.	R. Mahesh	Student
9.	P. Venkateswarlu	Student
10.	G. Aravind Rainam	Student
11.	A. Rajkeerthana	Student
12.	Ch. Sanjay Kumar	Student
13.	M. Subhash	Student
14.	N. Priyanka	Student
15.	R. Gopi	Student
16.	M. Omanth	Student
17.	N. Prasanna Kumar	Student


PRINCIPAL
ANDHRA CHRISTIAN COLLEGE
(Day, Evening & P.G.)
GUNTUR


IC
Head of the Department of Botany
ANDHRA CHRISTIAN COLLEGE
GUNTUR

Department of Botany

Field Trip-3

Name of the Activity: Fieldtrip

Place of Visit: Lam Agricultural University

Date: 20.09.2023

Objectives:

*To know the various agricultural practices in crop improvement.

*To know the plant breeding techniques.

Description: Acharya N.G. Ranga Agricultural University is a public Agricultural University with its headquarters at Lam. At the verge of completion of golden jubilee year of the ANGRAU was established under the name of Andhra Pradesh Agricultural University on 12th of June 1964. Later, it was named after Acharya N.G. Ranga as Acharya N.G. Ranga Agricultural University. At the verge of completion of Golden Jubilee Year of the ANGRAU, the university bifurcates into Prof. Jaya Shankar Telangana State Agricultural University and Acharya N.G. Ranga Agricultural University. ANGRAU at Lam is serving the students and the farmers of 13 districts of Andhra Pradesh.

Participants: I BSc, II BSc and MLT students accompanied by the Staff of Botany Department.







Station Rd, 7CXV+589, Railpet, Sambasiva Pet, Guntur, Andhra Pradesh 522001, India

Guntur
Andhra Pradesh
India

2023-09-20(Wed) 11:44(am)

34°C
93°F



Station Rd, 7CXV+589, Railpet, Sambasiva Pet, Guntur, Andhra Pradesh 522001, India

Guntur
Andhra Pradesh
India

2023-09-20(Wed) 11:35(am)

33°C
91°F



Date: 12-12-2022

TO

The Principal,
Andhra Christian College,
Guntur.

Sub: Request for according permission to students of the 1st Semester Botany, A.C.College, Guntur-Field Trip-Reg

Respected Sir,

B.Sc 1st Semester students of Botany department of A. C. College, Guntur are required to attend field trip as a part of their curriculum. In this connection, I request you to kindly permit the following B.Sc students, and faculty members to visit Kondapalli Forts, [REDACTED] on 14th of December 2022 for which we shall be thankful to you.

Thanking you,

Yours Sincerely,

G. Nirmala Kumari
Department of Botany.

In-charge of the Department of Botany
ANDHRA CHRISTIAN COLLEGE
GUNTUR

OK
Principal
ANDHRA CHRISTIAN COLLEGE
GUNTUR

Department of Botany

List of Faculty and B.Sc 1st Semester students of academic year 2022-2023

Sl. No	Name	Designation
1.	Mrs. G. Nirmala Kumari	Faculty
2.	Dr. R. Prasanthi	Faculty
3.	T.D. Raja shekar	Faculty
3.	Dr. K. Phebe Sarah	Faculty
4.	Dr. V. E. V. Shekar	Faculty
5.	T. Jeeva Saranu	Student
6.	B. Vara Lakshmi	Student
7.	P. Suguna	Student
8.	G. Sri Lakshmi Chaitanya	Student
9.	K. Ammulu	Student
10.	N. Priyanka	Student
11.	J. Pallavi	Student
12.	O. Keerthi	Student
13.	A. Malathi	Student
14.	M. Veda Sri	Student
15.	Mrs. Thabitha	Attender


PRINCIPAL
ANDHRA CHRISTIAN COLLEGE
(Day, Evening & P.G)
GUNTUR


Ic Head of the Department of Botany
ANDHRA CHRISTIAN COLLEGE
GUNTUR

Department of Botany

Field Trip-4

Name of the Activity: Field Trip

Place of visit : Kondapalli Fort

Date : 14.12.2022

HISTORICAL SIGNIFICANCE OF KONDAPALLI FORT

Kondapalli is a hill fort (Giri Durga) located on the Kondapalli range. Hill forts of the Eastern Ghats are considered to be superior in strength majorly because of the mountain systems provided strong building materials as granite and stood impregnable to the attacks.

The antiquity of the fort can be traced back to the 10th century CE, when it was a vital administrative and military post during the reign of Eastern Chalukyas. Further, the fort was under the dominion of Kakatiyas, Musunuri Chiefs, Reddis, Gajapathis of Odisha, Rayas of Vijayanagara, Bahamani Sultans, Qutb Shahis, Mughals, Asaf Jahis, French, East India Company and finally it became a part of British India.

It was during the reign of Anavema, was shrewd monarch of Reddi dynasty, an aggressive expansionism across the river Krishna from his neighbouring powers and building of strong forts such as at Dhanyavati or Amaravati, Dhanadaprolu or Tsandavolu, Vinukonda, Kondavidu, Bellamkonda, Kondapalli and others took place. The monumental remains of the fort such as Durbar Hall, Rani Mahal and Jail Khana are of the Qutb Shahi period which were constructed in the second quarter of 16th century. In each period, the fort at Kondapalli acted as a frontier barrier by maintaining the political and military administration.





Date: 09-04-2022

TO

The Principal,

Andhra Christian College,

Guntur.

Sub: Request for according permission to students of III B.Sc Botany,
A.C.College, Guntur-Field Trip-Reg

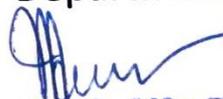
Respected Sir,

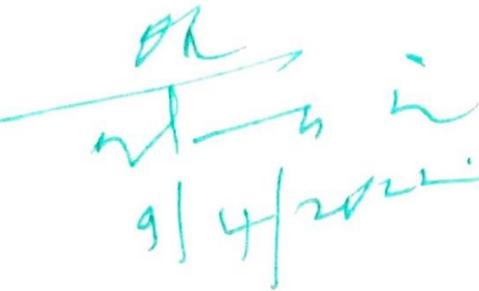
III B.Sc students of Botany department of A. C. College, Guntur are required to attend Educational tour as a part of their curriculum. In this connection, I request you to kindly permit the following III B.Sc students, and faculty members to visit Kakinada and Rajahmundry on 11TH & 12TH of April 2022 for which we shall be thankful to you.

Thanking you,

Yours Sincerely,

Department of Botany.


Ic. Head of the Department of Botany
ANDHRA CHRISTIAN COLLEGE


PRINCIPAL
ANDHRA CHRISTIAN COLLEGE
(Day, Evening & P.G)
GUNTUR

Department of Botany

List of Faculty and III B.Sc students of academic year 2021-2022

Sl. No	Name	Designation
1.	Mrs. G. Nirmala Kumari	Faculty
2.	Dr. B. D. J. Sathya Latha	Faculty
3.	Dr. K. Phebe Sarah	Faculty
4.	Dr. V. E. V. Shekar	Faculty
5.	N. Pravallika	Student
6.	M. Raj Kumar	Student
7.	N. Sushanth	Student
8.	Ch. Bharath kumar	Student
9.	K. Sandeep	Student
10.	V. Alex	Student
11.	N. Jyothi Varshini	Student
12.	J. Gopi	Student
13.	K. Sandeep	Student
14.	Sk. Shaheena	Student
15.	Z. Gurappadu	Student
16.	Sk. Jani Basha	Student
17.	E. Ratna Kumar	Student
18.	D. Sudheer	Student
19.	G. Pawan Kumar	Student

20.	G. Pawan Kumar	Student
21.	Ch. Sanjay Kumar	Student
22.	G. Karthik	Student
23.	T. Vivek	Student
24.	A. Rajkeerthana	Student
25.	J. Pallavi	Student
26.	K. Joel Paul Samuel	Student
27.	Mr. Srinivas	Attender


PRINCIPAL
ANDHRA CHRISTIAN COLLEGE
(Day, Evening & P.G)
GUNTUR


Head of the Department of Set
ANDHRA CHRISTIAN COLLEGE
GUNTUR

Department of Botany

Field Trip-5

Name of the activity:

Educational tour to Kakinada and Rajahmundry.

Dates: 11/04/2022,12/04/2022

Aims & objectives:

1. To understand the ecological and biological grandeur of nature.
2. To understand the need of conservation of bio diversity in natural Surroundings.

Report: As a part of curriculum, the departments of Botany & Zoology have organized the tour to Kakinada and Rajahmundry. Students visited Coringa wild life's actuary. It has a mangrove coastal forest ecosystem, an asset for promoting ecotourism. After this, the students visited the fishing port and observed different types of fishes. The next day students visited different nurseries at Rajahmundry, interacted with the nursery workers and learnt about various horticultural techniques.

Learning outcomes:

1. Students observed and understand the nature of mangroves and their role in conservation of wildlife.
2. Students observed biodiversity of plants inner series and learnt techniques involved in propagation of plants.

No. of students participated: 22-

III B. Sc students accompanied by the lecturers Dr. Ezra Vijaya Sekhar, Mrs. G. Nirmala Kumari, Dr. D. Phebe Sarah and Dr. B. D. J. Sathya Latha.

Evidence---





TO

Date: 27-06-2022

The Principal,
Andhra Christian College,
Guntur.

Sub: Request for according permission to students of B.Sc, 1st & 4th Semester
Botany, A.C.College, Guntur-Field Trip-Reg

Respected Sir,

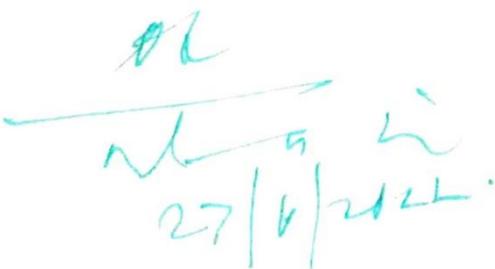
B.Sc, 1st & 4th Semester students of Botany department of A. C. College, Guntur
are required to attend field trip as a part of their curriculum. In this connection, I
request you to kindly permit the following students, and faculty members to visit
Jasmine Garden, Tadikonda on 29th of June 2022 for which we shall be thankful to you.

Thanking you,

Yours Sincerely,

Department of Botany.


Head of the Department of Botany
ANDHRA CHRISTIAN COLLEGE
GUNTUR


PRINCIPAL
ANDHRA CHRISTIAN COLLEGE
(Day, Evening & P.G)
GUNTUR

Department of Botany

List of Faculty and B.Sc, 1st & 4th Semester students of academic year 2022-2023

Sl. No	Name	Designation
1.	T. D. Raja shekar	Faculty
2.	Dr. K. Phebe Sarah	Faculty
3.	Dr. R. Prasanthi	Faculty
4.	K. Pravallika	Student
5.	E. Balaji Naik	Student
6.	R. Mahesh	Student
7.	P. Venkateswarlu	Student
8.	G. Aravind Rainam	Student
9.	A. Rajkeerthana	Student
10.	Ch. Sanjay Kumar	Student
11.	M. Subhash	Student
12.	N. Priyanka	Student


PRINCIPAL
ANDHRA CHRISTIAN COLLEGE
(Day, Evening & P.G.)
GUNTUR


Head of the Department of Botany
ANDHRA CHRISTIAN COLLEGE


Field Trip Report -6 (2021-2022)

Name of the activity: Field Trip

Date: 29th of June 2022

Objectives: To get Practical knowledge of various cultivating practices followed by the Local formers.

Description: First visited Jasmine Garden at Tadikonda, which is 16km away from Guntur. From there we went to Nidamarru and visited Jasmine, Rose, Papaya, Banana & Guava plantations. We went to Penumaka and visited orchards of Mango, Banana and vegetable gardens. We also visited Rose garden and Caves in Vundavalli.

Outcome: Students acquired the knowledge of various horticultural practices followed by Formers.

Participants: 1st& 4th Semester students along with lecturers.

Evidence:







TO

Date: 02-04-2023

The Principal,
Andhra Christian College,
Guntur.

Sub: Request for according permission to students of B.Sc, 1st & 4th Semester Botany, A.C.College, Guntur-Field Trip-Reg

Respected Sir,

B.Sc, 1st & 4th Semester students of Botany department of A. C. College, Guntur are required to attend field trip as a part of their curriculum. In this connection, I request you to kindly permit the following students, and faculty members to visit Tulasi seeds Pvt., on 4TH of May 2022 for which we shall be thankful to you.

Thanking you,

Yours Sincerely,

Department of Botany.

G. Niomeela Kumari

In-charge of the Department of Botany,

ANDHRA CHRISTIAN COLLEGE

GUNTUR

OK
not in
24/4/2022

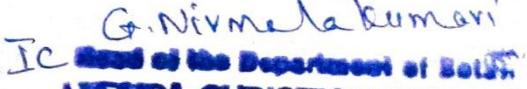
PRINCIPAL
ANDHRA CHRISTIAN COLLEGE
(Day, Evening & P.G)
GUNTUR

Department of Botany

List of Faculty and I B.Sc, II B.Sc & M.L.T students of academic year 2022-2023

Sl. No	Name	Designation
1.	Mrs. G. Nirmala Kumari	Faculty
2.	Mr. Paul Satya Keerthi	Faculty
3.	Dr. R. Prasanthi	Faculty
4.	Mrs. Kranthi Kirani	Student
5.	E. Balaji Naik	Student
6.	R. Mahesh	Student
7.	P. Venkateswarlu	Student
8.	G. Aravind Rainam	Student
9.	A. Rajkeerthana	Student
10.	Ch. Sanjay Kumar	Student
11.	M. Subhash	Student
12.	N. Priyanka	Student
13.	R. Gopi	Student
14.	M. Omanth	Student
15.	N. Prasanna Kumar	Student


PRINCIPAL
ANDHRA CHRISTIAN COLLEGE
(Day, Evening & P.G)
GUNTUR


IC Head of the Department of Botany
ANDHRA CHRISTIAN COLLEGE
GUNTUR

Industrial Trip Report (2021-2022)

Name of the activity: Industrial Trip

Date: 4th May 2022

Objectives:

1. To know various processes involved in research on cotton hybrid seeds.
2. To see the machinery used in processing, quality tests and packing of cotton seeds.

Description: Mr. Tulasi Rama Chandra Prabhu is a Mechanical Engineering graduate from IIT Madras, established Tulasi seeds Pvt. Ltd. in 1992. Since then, the company has been focusing on Research in cotton hybrid seeds and today this company among the top four cotton seed companies in India.

The company had made technical collaboration with M/s Mahyco Monsanto Biotech (India) Ltd. Mumbai for transfer of Bt & BG II gene into Tulasi cotton hybrids in the year 2003.

The company has collaborated with ICRISAT for development of Pearl Millet (Bajra) & Sorghum (Jowar).

Report: First, we saw ginning machine that separates the cotton fibers from the seedpods. Then we visited biotechnology lab. Research supervisor explained, functioning of Gel-Electro phoresies, PCR, Centrifugation and demonstrate ELISA Test.

In germination chamber, he explained the germination of seeds in germination paper. In sterilization room, he explains the working of autoclave and laminar airflow.

In culture room, seedlings of Cotton and Maize growing in trays. Then we saw the packing process by using large machine.

Outcome: Acquire some knowledge on cotton seed processing, Gel-Electro phoresies, ELISA-Test, Sterilization and germination methods.

Participants: 1st and 4th sem students along with three lectures.

Evidence:





