

1. GOVT COLLEGE FOR WOMEN

DEPARTMENT OF BIO-CHEMISTRY AND BIO-TECHNOLOGY

HANDS IN TISSUE CULTURE & MOLECULAR BIO-LOGICAL TECHNIQUES

Govt. College for Women (A), Guntur
Dept. of Biochemistry & Biotechnology
Hands On in
Tissue Culture & Molecular Biology
Techniques

In Collaboration with
PEARL Research Labs,
Guntur

Thursday
04-05-2023
10am to 5pm

1. **What ?**

- Plasmid DNA isolation
- Chromatography
- Electrophoresis
- Amplification of DNA
- Tissue Culture

2. **Participants ?**

- Students of Life Sciences

3. **Dresscode?**

- Uniform
- Lab coat

4. **Venue?**

- Biochem & Biotech Labs

5. **Contact ?**

- B. Dorka
- B. Jasmine

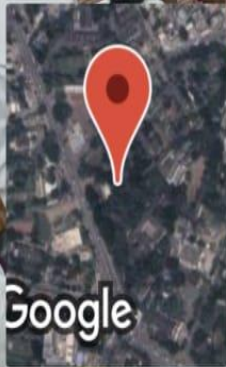
Dept. of Biochem & Biotech



Chief Patron:
Dr. V.R. Jyotsna Kumari
Principal
GCW(A), Guntur



 GPS Map Camera



Guntur, Andhra Pradesh, India

7CWV+398, Sambasiva Pet, Guntur, Andhra Pradesh 522001, India

Lat 16.295093°

Long 80.443472°

04/05/23 10:47 AM GMT +05:30

Google



GPS Map Camera

Guntur, Andhra Pradesh, India

7CWV+398, Sambasiva Pet, Guntur, Andhra Pradesh

522001, India

Lat 16.295261°

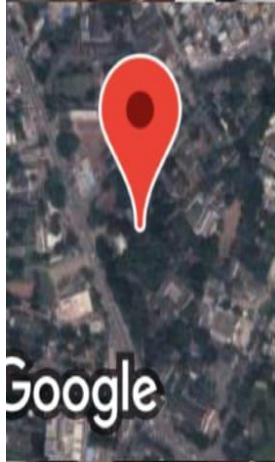
Long 80.443554°

04/05/23 04:44 PM GMT +05:30

Google



 GPS Map Camera



Guntur, Andhra Pradesh, India

7CWV+398, Sambasiva Pet, Guntur, Andhra Pradesh

522001, India

Lat 16.295124°

Long 80.443513°

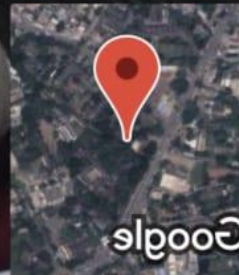
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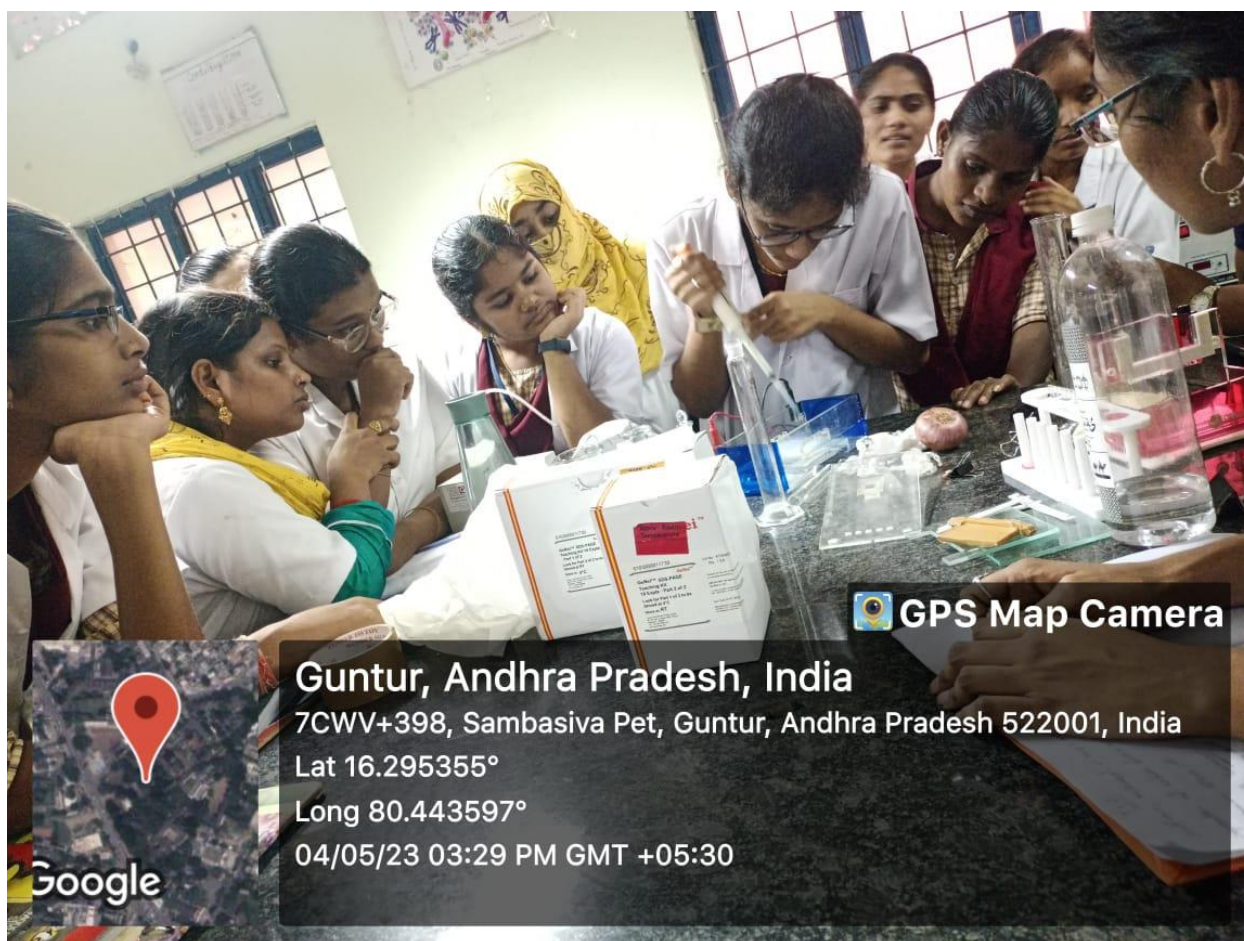




GPS Map Camera

Guntur, Andhra Pradesh, India
7CWV+398, Sampasiva Pet, Guntur, Andhra Pradesh 522001,
India
Lat 16.292094°
Long 80.443446°
04/05/23 01:05 PM GMT +05:30





2. **ST.ANN'S COLLEGE FOR WOMEN**

DEPARTMENT OF LIFE SCIENCES

BIO-ANALYTICAL TECHNIQUES

ABOUT THE COLLEGE

St. Ann's College for Women was established in 1997 to uplift the rural women, impart intellect & spiritual integrity into the young lives & serve them for overall development. It is affiliated to Acharya Nagarjuna University & ever since its inception it has been emerging as a universal cosmopolitan & prestigious college in Guntur.

We are glad to inform you that our college celebrated Silver Jubilee (1997 – 2022) during the academic year 2021-2022. The college upholds the cherished values of education like discipline & devotion among the students & translates its motto **"EDUCATE ENRICH EMPOWER"**.

About the life Science Departments

The Life Science Departments was a spacious lab with required equipment's and instruments. The main objective of the departments is to help the students in teaching learning process and inculcate the spirit & passion of research among the students.

BIO ANALYTICA-2023

ONE DAY SEMINAR & WORKSHOP ON BIO-ANALYTICAL TECHNIQUES

Date : 28.04.2023



Organized by
Department of Life Sciences



In collaboration with
PEARL RESEARCH LAB

**ST.ANN'S COLLEGE FOR
WOMEN**
Gorantla , Guntur – 522 034, A.P.

REGISTRATION FORM

One day Seminar & Workshop on
Bio-analytical techniques on
28.04.2023

From: 09:00 AM to 01:00 PM

Name:

Class & Group :

College/Institution:

Address:
.....
.....
.....

Contact Number:

E-Mail ID:



Scope of Workshop

The Bio-analytical field is a progressive discipline for which the future holds many exciting opportunities to further reduce sample volumes, analysis cost and environmental impact, as well as to improve sensitivity, specificity, accuracy, efficiency, assay throughput, data quality, data handling & processing.

Objectives of the Workshop

- To create awareness on basic & recent trends in bio-analytical techniques.
- To know & practice the operating systems of analytical Techniques.
- To inspire and guide the students towards successful career in their chosen field.
- To actively engaged the students in-hands on research and experimental design.

Organising Committee

President

Rev. Dr. Sr. Fathima Rani P.
Principal & Correspondent,
St. Ann's College for Women

Chief Guest

Dr. M. Guravaiah
Asst. Professor, HOD,
Department of Biotechnology &
Microbiology, JKC College

Executive Committee

Mrs. B. Joyce, Dept., of Chemistry.
Mrs. K. Vanaja, Dept., of Biotechnology.
Mrs. G. Anitha Bhanu, Dept., of Chemistry.
Mrs. K. Vidhyadhari, Dept., of Botony.
Mr. D. Simon, Dept., of Botony.
Mrs. B. Ranjitha, Dept. of Microbiology.

Venue

St. Ann's College Seminar Hall

Programme Schedule

Registration : 9.00 to 9.30 am

Seminar : 9.30 to 10.30 am

Lab visits : 11.30 to 12.30 pm

Valedictory : 12.30 to 1.00 pm

**All the students of Life Sciences
are invited to participate in the
Workshop and Seminars**

Registration Fee : Rs. 100/-

- Snacks will be provided
- Certificates will be issued to all the participants.

Note: Spot Registration

For any further communication
Contact: 9985579119, 9441619224



3, GOVERNMENT COLLEGE FOR WOMEN

DEPARTMENT OF ZOOLOGY AND AQUACULTURE

HANDS ON WORKSHOP IN IMMUNODIAGGNOSTIC TECHNIQUES



GOVERNMENT COLLEGE FOR WOMEN (A), GUNTUR
DEPARTMENT OF ZOOLOGY & AQUACULTURE
**ONE DAY HANDS ON WORKSHOP IN IMMUNODIAGNOSTIC
TECHNIQUES**

Date: 06-05-2023 (9.00a.m to 5.00 p.m.)



Resource persons

- 1. Dr.M. GURAVIAH**
HOD, Dept. of Biotechnology & Microbiology
J.K.C. College, Guntur
- 2. Dr.A. RANGA RAO**
Scientist & Associate professor
Dept. of Biotechnology
Vignan's Foundation for Science, Technology &
Research
Vadlamudi

Chief patron

Dr. V.R. Jyotsna kumari
Principal

ORGANISERS

Dr. N. ANKAMMA
Incharge,
Dept. of Zoology & Aquaculture
Convener
Other staff
Dr. K. Srinivas
Dr. M. Hanumantha Raju
Dr. M.Naga Prasanna
Smt. G. Catherin
Dr. T. Anita Susan
Sri U. Venkateswarlu
Kum. Manasa

4. MARIS STELLA COLLEGE

THE DEPARTMENT OF LIFE SCIENCES

A THREE DAY HANDS-ON- TRAINING IN IMMUNOLOGICAL TECHNIQUES AND MUSHROOM CULTIVATION

Organising Committee

Departments of Life Sciences

Biochemistry : Dr. Alice Jaya Prada

Botany : Dr. G. Kranthi Kumar
Dr. B. Rajeswari
Ms. J. Swarna Latha

Food Science & Technology : Ms. P. Deva Sri
Mrs. P. Priyanka

Microbiology : Dr. D. Silpa

Zoology : Dr. Sr. P. Japamalai
Dr. Mrs. N. Baratha Jyothi
Dr. Mrs. R. Ramani

Members:

Ms. K. Pravallika II B. Sc. CBZ

Ms. Sk. Alreen II B. Sc. FMB

Ms. K. Pallavi II B. Sc. FMC

MSLSW - 2023

REGISTRATION FORM

Name of the Student:

Class and Group:

Address:

Mobile No.:

E-Mail ID:

Registration Fee : 300/-

Date:

Place:

Signature:



MSLSW - 2023



MARIS STELLA COLLEGE

(Autonomous), Vijayawada

A College with Potential for Excellence NAAC Accredited A ISO 9001: 2015 Certified

A THREE DAY HANDS-ON TRAINING IN
IMMUNOLOGICAL TECHNIQUES & MUSHROOM CULTIVATION

Organised by
The Departments of Life Sciences

In collaboration with
PEARL RESEARCH LAB
&
THANU SRI MUSHROOM CULTIVATION

Date : 15, 16 & 17 February 2023

Venue: Botany & Zoology labs

Resource Persons

Dr. M. GURAVIAH

ASSISTANT PROFESSOR & DIRECTOR
PEARL RESEARCH LABORATORY
GUNTUR

SRI. JAYACHAND

DIRECTOR
THANU SRI LABORATORY
VIJAYAWADA

Chief Patron
Sr. Sleeve Thumma
Correspondent

Patron
Dr. Sr. Jasintha Quadras
Principal

Co-ordinators

Dr. Sr. P. Japamalai
Dr. G. Kranthi Kumar

About the College

Maris Stella College is an autonomous institution run by the religious congregation of the Franciscan Missionaries of Mary. Being in the heart of Vijayawada city, the College offers quality education and maintains consistently high academic standards in an effort to give all students an equal opportunity for learning and development through holistic education which is strongly grounded in values. It is the special mission of the College to reach out to students from socially and economically disadvantaged sections of society, and to prepare them to meet the challenges of a rapidly changing world. In many ways the College provides a truly unique educational environment for the students who are currently enrolled.

Vision of the College:

Empower, Enrich, Excel, and Transform. To contribute to a just and equitable society through quality education for leadership and social responsibility in an environment of academic excellence and sound values.

Mission:

The mission of the college is to empower young women through a transformative education to form intellectually competent, morally upright, socially committed and spiritually inspired women imbued with the values of humanism in the service of society.

About the Life Science Departments

The Life Science Departments bagged the best laboratories award from Acharya Nagarjuna university in the year 2010. The staff are well trained and have been involved in research. Minor and major research projects have also taken by the departments. Students are motivated to indulge in research.

They have done many relevant projects under the able guidance of the faculty and published papers in reputed journals. The Life Science Departments also conduct many certificate courses for skill development and self-employment.

Objectives

1. To provide comprehensive training in immunological techniques, promote entrepreneurship and innovation
2. To cultivate a strong research culture among college-level under graduate students
3. To inspire and guide students towards successful careers in their chosen fields
4. To actively engage students in hands-on research and experimental design.

Hands on training in

1. SDS Page
2. Immuno diffusion
3. Immunoelectrophoresis
4. Horizontal electrophoresis
5. HBsAg
6. PCR
7. Covid – 19
8. Mushroom Cultivation

Outcomes

1. Successful training in handling immunological equipment
2. Able to competently analyze separated molecules using relevant techniques
3. Proficiency in accurately identifying the HBs antigen
4. Practical knowledge in cultivating mushrooms with appropriate understanding of environmental conditions, substrate preparation and pest management

Programme Schedule

Day-1: 15-02-2023

Inauguration	: 10 to 11 A.M.
Technical session-I	: 11:00 A.M. to 12:30 P.M.
Lunch Break	: 12:30 P.M. to 1.30 P.M.
Technical session- II	: 1:30- 5:00 P.M.

Day-2: 16-02-2023

Technical session-I	: 9:00 to 12:30 P.M.
Lunch	: 12:30 P.M. to 1.30 P.M.
Technical session- II	: 1:30- 5:00 P.M.

Day-3: 17-02-2023

Technical session-I	: 11:00 to 12:30 P.M.
Lunch	: 12:30 P.M. to 1.30 P.M.
Technical session- II	: 1:30- 4 P.M.
Valedictory Function	: 4 to 5 P.M.

All the students of Life Sciences are expected to participate in the three day workshop.

Contact No.:

Dr. G. Kranthi Kumar : 9177238824

Dr. Sr. P. Japamalai : 8985646548