



IDHAYA COLLEGE FOR WOMEN

(Accredited by NAAC with "A" Grade (CGPA:3.15) & ISO 9001:2015 Certified Institution)
(Recognized by UGC with 2(f) & 12(B), Affiliated to Alagappa University, Karaikudi)

AROCKIA NAGAR, SARUGANI - 630 411, Sivagangai Dt. - 630 411.

Date : 19.10.2023

IDHAYA COLLEGE FOR WOMEN, SARUGANI

DEPARTMENT OF BIOCHEMISTRY

WORKSHOP REPORT

DATE : 11.10.2023-12.10.2023
 TOPIC : Two days workshop on Biochemical techniques
 VENUE : Biochemistry lab
 BENEFICIARIES: 55

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Two days workshop on Biochemical Techniques

REV. SR. DR. C. JOTHI MARY
 Principal & Secretary
 Idhaya college for women
 Sarugani

DR. G. BUVA NESWARI
 ICMR- Research Associate
 Chemomicrobiomics Laboratory
 Department of Biochemistry & Microbiology
 KMCH Research Foundation, Coimbatore.

S. MOHANKUMAR
 MASTERS IN BIOTECHNOLOGY
 Technical Officer- Agam diagnostic
 Mettupalayam, Coimbatore.

ORGANIZING COMMITTEE
 Dr. G. Buvanewari, Dr. C. Jothi Mary, Dr. S. Mohankumar, Dr. A. Anandakrishnan, Dr. S. Suresh Kumar, Dr. S. Srinivasan, Dr. S. Srinivasan, Dr. S. Srinivasan, Dr. S. Srinivasan

DAY 1
DATE: 11-10-2023
 10:00 AM - 10:30 AM: Inauguration
 10:30 AM - 12:00 PM: Hands-on Training
SESSION I (MOHAN)
 12:00 PM - 01:00 PM
 "What can we do with the isolated DNA?"
 By Dr. G. Buvanewari
 02:00 PM - 04:00 PM: Hands-on Training
SESSION II (MOHAN)

DAY 2
DATE: 12-10-2023
 10:00 AM - 12:00 PM
 Hands-on Training agarose gel electrophoresis
SESSION III (DR. G. BUVA NESWARI)
 12:00 PM - 01:00 PM: Lunch
 02:00 PM - 03:00 PM: Assessment
 03:00 PM - 03:30 PM: Valediction

The two days workshop on "BIOCHEMICAL TECHNIQUES" held on 11.10.2023-12.10.2023 organized by the Department of Bio Chemistry, Idhaya College for Women, brought together 55 students from our Biochemistry department.

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The Programme was started with the Prayer song followed by a warm welcome address presented by **M.Meenakshi** II M.sc Biochemistry. The Resource person **DR.G.BUVANESWARI** was honored by **DR.S.USHA RANI**, Head of the Department Madam, Department of Biochemistry and **MRS.S.MOHAN KUMAR** was honored by **Sr. LIBO MARY**, Assistant Professor, Department of Biochemistry, Idhaya College for Women, Sarugani.

On the first day of workshop Dr.G.Buvaneswari and Mr.S.Mohan kumar explained about the techniques used in DNA technology. Then followed by Mr.S.Mohan kumar presented the following along with our students.

- **Preparation of Culture media**
- **Selection of strain**
- **Isolation of DNA**
- **Extraction of DNA from plant**
- **How to use Micropipette**
- **Chromatography Techniques**



On the next day of workshop Dr.G.Buvaneswari madam was explained the Agarose gel Electrophoresis on power point and she was practice the students the following:

- **Agarose Gel Electrophoresis**
- **Polymerase chain reaction**
- **SDS PAGE**



The workshop was ended with assessment for the students. The students were eagerly participated and learnt about the Biochemical Techniques.


Signature of the Principal
The Principal
Idhaya College for Women
Arockia Nagar - Sarugani
Sivagangai Dt - 630 411



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Date : 09.10.2023

IDHAYA COLLEGE FOR WOMEN, SARUGANI

DEPARTMENT OF BIOCHEMISTRY

INTERNATIONAL CONFERENCE REPORT

DATE

: 27.09.2023

TOPIC

: **International Conference on Emerging Trends in Science and Technology (ICETST)**

VENUE

: **Closed Auditorium**

BENEFICIARIES: 200

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AFFILIATED TO ALAGAPPA UNIVERSITY, KARAIKUDI
SARUGANI, SIVAGANGAI DT - 630 411

ORGANIZED BY
BIOCHEMISTRY
CHEMISTRY
PHYSICS

INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN SCIENCE AND TECHNOLOGY (ICETST)

Dr. J. Jerald Wilson, P.D.
DIRECTOR, CORAL RESTORATION PROGRAMME (SHEEL) DUBAI, UAE

J. Jerome Mar, (M.T)
PROPRIETOR MY LAB DEVAKOTTAI

Dr. RAMESH Mar, M.Phil, B.Sc, Ph.D
ASSISTANT PROFESSOR DEPARTMENT OF PHYSICS S S A COLLEGE DEVAKOTTAI

PATRON
Rev. Sr. Dr. C. Jothi Mary
PRINCIPAL & SECRETARY
IDHAYA COLLEGE FOR WOMEN
SARUGANI

AGENDA
Prayer Song
Lighting the lamp
Welcome Dance
Welcome Address
SESSION - I
Tea Break
SESSION - II
Lunch Break
SESSION - III
Vote of Thanks
National Anthem

Physics, Bio Chemistry, Chemistry, Idhaya College for Women, brought together 200 participants from various academic colleges.

The Programme was started with the Tamilthai Valtthu followed by a warm welcome address presented by K. PRIYANKA, III-B.Sc., physics, Department of physics. The Resource persons were honored by **Sr. MARIYA JAYANTHI**, Idhaya College for Women, Sarugani and **Sr. LIBO MARY**, Assistant Professor, Department of Bio chemistry with shawl and Memento. The invited speakers are,

- **Dr. J. JERALD WILSON**, Director, coral restoration programme, Dubai.
- **Mr. J.JEROME**, (MLT), Proprietor, My Lab, Devakottai
- **Dr. R.MOHAN**, Assistant professor, Department of Physics Sree Sevugan Annamalai College, Devakottai.



The first session was started by **Dr. J. JERALD WILSON** Director, coral restoration programme, Dubai. He shared a lot of recent applications on Sustainable utilization of marine resources with the students and interacting with them also. After a Tea break, the next session started by **Mr. J.JEROME**. He explained about the medical specialty with the diagnosis of disease based on the laboratory analysis of body fluids.



After lunch, the session was started By **Dr. R.MOHAN**, Assistant professor, Department of Physics Sree Sevugan Annamalai College, Devakottai. He briefly explained about the Nanomaterials for Bio medical applications.



Finally the students interact with the chief guest and the certificates are distributed by Sr. LIBO MARY Assistant Professor, Department of Bio chemistry. Next the vote of thanks was presented by JANANI II-B.Sc., Chemistry and the conference was ended with the National Anthem.

L. M. Mary
10/10/23
Signature of the Principal
The Principal
Idhaya College for Women
Arockia Nagar - Sarugani
Sivagangai Dt - 630 411