



CSI Thoothukudi-Nazareth Diocese
Pope's College (Autonomous)
(Accredited with 'A' Grade by NAAC-II Cycle)
Sawyerpuram – 628 251
Thoothukudi



REPORT

Department of Zoology

Organize

ONE DAY STATE LEVEL SEMINAR ON

EMERGING TRENDS IN BIOTECHNOLOGY TOWARDS ENVIRONMENTAL SUSTAINABILITY (ETBES – 2023)

24th February 2023

CONVENOR

DR. Y.S.Santhi Pon Indira,
Head & Associate Professor of Zoology

Organizing secretary

Dr.P.KUTTY JUSKAR JEBARAJA
Associate Professor of Zoology

Programme Co-Ordinators

MRS. P.BEULAH ROSE RANI
Assist. Prof. of Zoology

Dr.M.JEEVITHA
Assist. Prof. of Botany

INVITATION



POPE'S COLLEGE (Autonomous)

Accredited by NAAC – II Cycle with 'A' Grade (CGPA:3.28)
Sawyerpuram- 628251, Thoothukudi District



DEPARTMENT OF ZOOLOGY

ORGANIZES

One Day State Level Seminar
On

EMERGING TRENDS IN BIOTECHNOLOGY TOWARDS ENVIRONMENTAL SUSTAINABILITY (ETBES - 2023)

Resource Persons



Professor K.MURUGAN

Department of Biotechnology,
Manonmaniam Sundarnar
University,
Tirunelveli - 627012

Dr. A.SELVAM

Associate Professor,
Department of Plant Science,
Manonmaniam Sundarnar
University,
Tirunelveli - 627012



Date : 24.02.2023
Venue: Seminar Hall

ORGANISING SECRETARY

Dr. P. Kutty Juskar Jebaraja

Associate Professor of Zoology

ADVISORY COMMITTEE

Dr. P. Rosalind Daisy Rani

Asst. Professor of Zoology

Dr. V. Agatha Christy

Asst. Professor of Zoology

Dr. L. Roselin Rajathi

Asst. Professor of Zoology

Dr. G. Gnanamuthu

Asst. Professor of Zoology

CONVENOR

Dr.Y.S.Santhi Pon Indra

HOD, Department of Zoology

CHIEF PATRON

Mr. D. Neeger Prince Giftson M.B.A.,

Secretary, Pope's College.

PATRON

Dr.R.Immanuel

Principal, Pope's College.

COORDINATORS

Mrs. P.Beulah Rose Rani

Assistant Professor of Zoology

Dr.M.Jeevitha

Assistant Professor of Botany

FOR REGISTRATION

Click Here

BOUCHER

Pope's College, Sawyerpuram
One Day State Level Seminar

On

ETBES - 2023

24th February 2023

REGISTRATION FORM

PERSONAL PARTICULARS:

Name of the Participant:

Designation:

Name of the Institution:

Contact Address:

Contact No:

E-mail id:

Category: Student / Teacher / Others

Whether Presenting Paper: Yes / No

If Yes, Title of the Paper:

Fee Payment Particulars: GPay / Spot Reg.

Amount:

Date:

Signature of

H.O.D / Principal

Signature of Participant

Participants are requested to fill the Google Form using the following link:

<https://forms.gle/T6VtYWJXneC3TUdK9>

Proof of payment should be uploaded in Google Form. All participants must bring their institutional ID proof.

Organising Committee

CHIEF PATRON:

Mr. D. Neeger Prince Giftson M.B.A.,
Lay Secretary, Secretary, Standing Committee on
Collegiate Education TND,
Secretary & Correspondent,
Pope's College, Sawyerpuram

PATRON:

Dr. R. Immanuel
Principal, Pope's College

CONVENOR:

Dr. Y. S. Santhi Pon Indira
Head and Associate Professor,
Department of Zoology,
Pope's College

COORDINATORS:

Mrs. P. Beulah Rose Rani
Asst. Professor of Zoology
Dr. M. Jeevitha
Asst. Professor of Botany

ORGANISING SECRETARY:

Dr. P. Kutty Juskar Jebaraja
Associate Professor of Zoology

ADVISORY COMMITTEE

Dr. P. Rosalind Daisy Rani
Asst. Professor of Zoology
Dr. V. Agatha Christy
Asst. Professor of Zoology
Dr. L. Roselin Rajathi
Asst. Professor of Zoology
Dr. G. Gnanamuthu
Asst. Professor of Zoology

CSI THOOTHUKUDI – NAZARETH DIOCESE

POPE'S COLLEGE

(Autonomous)

(Accredited by NAAC – II with 'A' Grade (CGPA: 3.28))

SAWYERPURAM – 628 251

Thoothukudi District

One Day State Level Seminar

On

**EMERGING TRENDS
IN BIOTECHNOLOGY
TOWARDS ENVIRONMENTAL
SUSTAINABILITY
(ETBES - 2023)**

Date : 24-02-2023, Friday

Venue : Seminar Hall



Organised by

Department of Zoology

Pope's College

(Autonomous)

About the Institution

Pope's college, located at Sawyerpuram is one of the rural colleges in Thoothukudi District of Tamilnadu state. The college was started in 1962, in memories of Dr. George Uglow Pope, a revered missionary from England under the guidance of Prof. D.S. George Muller, the founder principal. The vision and mission of the college stand alongside its holistic transformation goals for students from especially poor and rural backgrounds. The college offers full-time graduate, post-graduate and research degree courses in a number of faculties. The significance of the college is that it has a dominant strength of rural women students. Presently, the college remains as one of the highest ranked colleges in the outskirts of Manonmaniam Sundaranar University, Tirunelveli, with grade 'A' (CGPA-3.28) through NAAC (Cycle II). The college has been conferred with autonomous status in 2017 by UGC. This elegant institution is managed by the C.S.I. Thoothukudi – Nazareth Diocese, based in Thoothukudi. **"BE FIRST BE WITH THE FIRST"** is its motto. The college offers 10 UG, 6 PG, 4 M.Phil and 13 Career Orientation Programme. **God Almighty** has blessed the **vision and mission** of the college over the years.

About the Department

Department of Zoology was established in the year 1973, and offered only UG courses. It plays a vital role in imparting incredible aspects of basic principles in Science. It is upgraded as PG dept. in the year 2017. The department has well equipped Laboratories, Museum, Library, internet facilities and fully qualified staff members to cater the needs of students and scholars.

About ETBES - 2023

Department of Zoology to host a State Level Seminar on **"Emerging Trends in Biotechnology towards Environmental Sustainability (ETBES-2023)"** with an aim to bring our students, young, talented researchers and renowned academicians under one roof to interact and discuss recent

advances in biotechnology and environmental issues. The biotechnological methods shows considerable potential in various fields like medicine, agriculture, forestry and the environment.

ETBES-2023 will provide an unique opportunity for participants to gain valuable and rigorous scientific understanding and dedication/commitment, discuss broader knowledge in the seminar theme. Besides, the ETBES-2023 will also enlighten the participants with the latest innovations in biotechnology and its role in environmental sustainability through plenary lectures from eminent expertise in the field of biotechnology.

Therefore, ETBES-2023 will provide a forum to

- ★ present the new developments in the seminar theme,
- ★ discuss the future global development on environmental issues.
- ★ deliberate the current status and impacts of biotechnology and sustainable environment.

Thrust Areas

- Waste treatment
- Biodegradation
- Microorganisms in Pollution Control
- Biomass Energy Production
- Biosensors and Biomonitoring
- Bioremediation and Restoration of degraded lands
- Biodiversity conservation

Resource Persons



Professor K. MURUGAN
Head, Dept. of Biotechnology,
M S University,
Tirunelveli - 627012



Dr. A. SELVAM.
Associate Professor,
Dept. of Plant Science,
M S University,
Tirunelveli - 627012

Themes for submitting paper

Reviews and original research papers are invited from the field of biotechnology and biosciences for publication.

Abstract Submission

Authors are requested to upload their abstract on or before 21st February 2023. The abstract should not exceed 300 words typed in MS word with font size 12 in Times New Roman and 1.5 line spacing with 5 Keywords. It should include the title followed by the authors details. The abstract should be submitted to etbes2023@gmail.com. The selected abstracts will be published in seminar proceedings.

Oral Presentation

The oral presentation should be restricted to 10min including discussion time.

Registration Fee

| | |
|--------------------------------|----------------|
| Students and Research Scholars | Rs. 100/- each |
| Teachers and Others | Rs.200/- each |
| Participants presenting Paper | Rs.300/- each |

The fee may be paid in advance in the form of **GPay to 9443194846**. Spot registration is also acceptable. The seminar fee includes the seminar kit, good quality lunch and other refreshments.

Important Days to be Remembered

Last Date for receipt of Abstract on or before **21.02.2023**
Date of Seminar: **24.02.2023**

For further information, please contact

Dr. P. KUTTY JUSKAR JEBARAJA
Organising Secretary, "ETBES-2023"

**Mrs. P. BEULAH ROSE RANI &
Dr. M. JEEVITHA**
Coordinators, "ETBES-2023"

Mobile No: 9789449033, 9489009637.
E-mail: etbes2023@gmail.com



Department of Zoology
POPE'S COLLEGE (Autonomous),
Accredited by NAAC Cycle-II with 'A' Grade CGPA (3.28)
SAWYERPURAM



**ONE DAY STATE LEVEL SEMINAR ON “EMERGING TRENDS IN
BIOTECHNOLOGY TOWARDS ENVIRONMENTAL SUSTAINABILITY (ETBES –
2023)”**

24th February 2023

Programme

Inauguration & Key Note Address
(10.30 - 11.30 am)

Venue: Seminar Hall

Prayer Song
Tamil Thai Vazhthu
Welcome Address

: Bio Choir

: Dr. Y.S. Santhi Pon Indira
*Head and Associate Professor of Zoology,
Pope's College.*

Presidential Address

: Dr. R. Immanuel
Principal, Pope's College.

Felicitation

Mr. D. Neeger Prince Giftson M.B.A.,
Lay Secretary, Secretary, Standing Committee on
Collegiate Education TND,
Secretary & Correspondent,
Pope's College, Sawyerpuram

Dr. A. SELVAM
Associate Professor,
Dept. of Plant Science,
M S University,
Tirunelveli .

Key Note Address

: Professor Dr.K. MURUGAN Head, Dept. of Biotechnology,
M S University,
Tirunelveli

Vote of Thanks

: Mrs. P. Beulah Rose Rani
Coordinator (ETBES-2023)
Assistant Professor of Zoology
Pope's College.

Technical Session - I (11.30 am-12.30 pm)

Chair Person : **Dr. Y.S. Santhi Pon Indira**
Head and Associate Professor of Zoology,
Pope's College.

Resource Person : **Dr. A. SELVAM**
Associate Professor,
Dept. of Plant Science,
M S University,
Tirunelveli .

Technical Session- III(12.45 pm –1.30 pm)

Chair Person: Dr. A. SELVAM

Associate Professor,
Dept. of Plant Science,
M S University, Tirunelveli .

PAPER PRESENTATION

Technical Session- III(2.00pm - 3.00 pm)

Resource Person : **Professor Dr.K. MURUGAN**
Head, Dept. of Biotechnology,
M S University,
Tirunelveli.

Valedictory

Opening Prayer : **Mrs. P. Beulah Rose Rani**
Assistant Professor of Zoology
Pope's College.

Valedictory Address : **Dr. R. Immanuel**
Principal, Pope's College

Discussion & Feed back **Coordinators**

Certificate distribution : **Principal & Resource Persons**

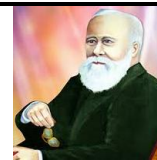
Vote of Thanks **Dr. M.Jeevitha**
Coordinator (ETBES-2023)

Closing Prayer **Dr.V.Agatha Christy,**
Assistant Professor of Zoology
Pope's College.

National anthem



DEPARTMENT OF ZOOLOGY
Pope's College (Autonomous)
Sawyerpuram-628 251
Thoothukudi District, Tamilnadu



One day State Level Seminar on “Emerging Trends In Biotechnology Towards Environmental Sustainability (ETBES – 2023)”

24.02.2023

Seminar Hall

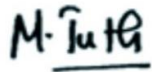
REPORT

The Department of Zoology, Pope's College, Sawyerpuram organized a One day State Level Seminar in the field of Biotechnology on 24th February 2023 in a grand manner. The title of the Seminar is “**Emerging Trends In Biotechnology Towards Environmental Sustainability (ETBES – 2023)**”. The registration started at 9.30 am.

The inaugural function started at 10.00am. **Dr.R.Immanuel**, Principal, Pope's College Sawyerpuram presided over the function. **Dr.Y.S.Santhi Pon Indira**, Head, Department of Zoology, Pope's College and Convenor of the seminar welcomed the gathering. **Dr.A.Selvam**, Associate Professor, Department of Plant Science, M.S.University inaugurated the seminar and also delivered the felicitation. **Dr.K.Murugan**, Head, Dept. of Biotechnology, M.S. University, delivered the keynote address. In his address he explained the Recent trends in Biotechnology. The inaugural session came to an end with the vote of thanks by a coordinator **Mrs. P. Beulah Rose Rani**.

The technical session was started at 11.30 am after a small break **Dr.A.Selvam**, Associate Professor, Department of Plant Science, M.S.University was the Resource Person. His lecture was exemplary with many videos related to Biotechnology. After Paper presentation the Second session


focused on how the biotechnology enriched the environment and also the recent trends in biotechnology by **Dr.K.Murugan**, Head, Dept. of Biotechnology, M.S University, Tirunelveli. The seminar came to an end with valediction by the **Dr.A.Selvam**, Associate Professor, Department of Plant Science, M.S.University, Tirunelveli, feedback by participants and the certificate was distributed by **Dr.R.Immanuel**, Principal, Pope's College. The valedictory came to an end with vote of thanks by the Coordinator **Dr.M.Jeevitha**, and a Prayer by **Dr.V.Agatha Christy**. One hundred and twenty participants attended the seminar. The arrangements were made by the staff, non teaching staff and students of the Department of Zoology, Pope's College.



Dr.M.Jeevitha Mrs.Beula Rose Rani
Coordinators(ETBES – 2023)



Dr.P.Kutty Juskar Jebaraja
Organising Secretary (ETBES – 2023)



Dr.Y.S.Shanthi Pon Indira
Convenor (ETBES – 2023)



Dr.R.Immanuel,
Principal

PRINCIPAL
POPE'S COLLEGE
(Autonomous)
SAWYERPURAM-628251

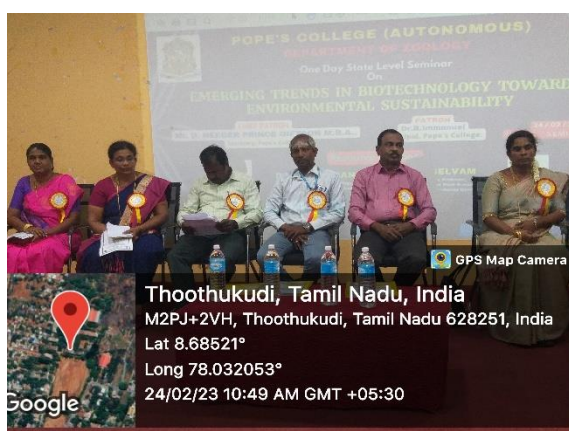


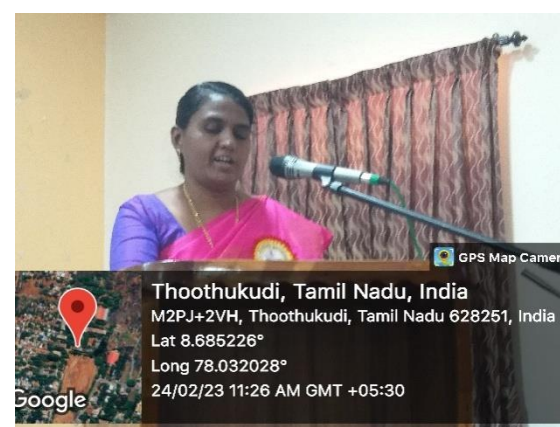
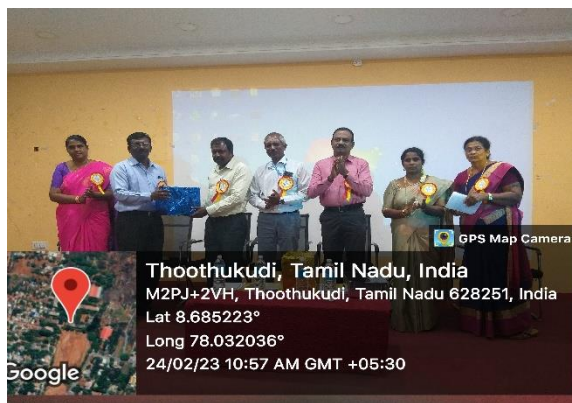
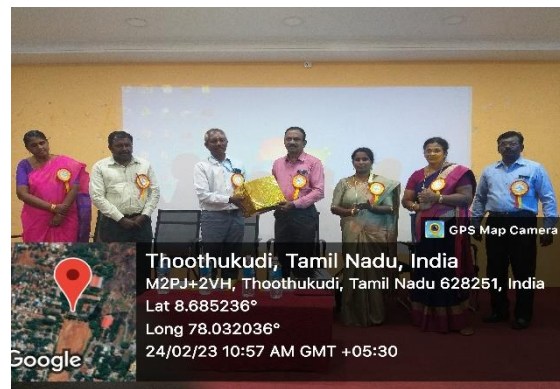
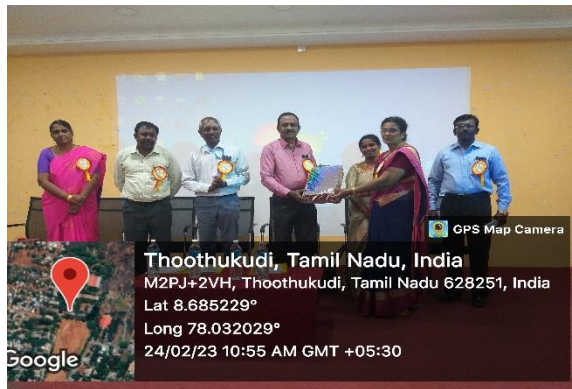
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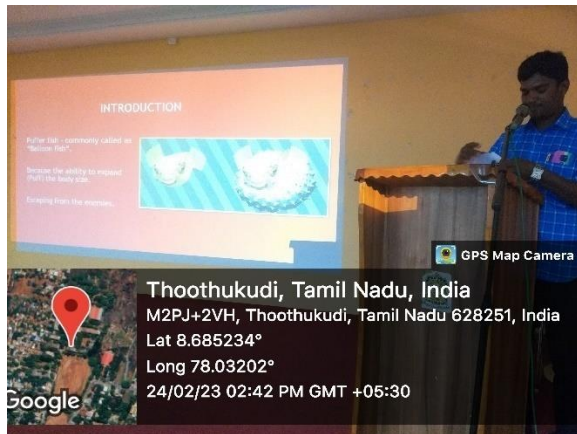
Department of Zoology organized One Days Seminar on "Emerging Trends in Biotechnology towards Environmental Sustainability"

PHOTOS









POPE'S COLLEGE (AUTONOMOUS)

SAWYERPURAM, THOOTHUKUDI DISTRICT , TAMILNADU, INDIA

EMERGING TRENDS IN BIOTECHNOLOGY TOWARDS ENVIRONMENTAL SUSTAINABILITY (ETBES - 2023)



Seminar Proceedings

Organised by
Department of Zoology

Edited by

DR. P. KUTTY JUSKAR JEBARAJA
MRS. P.BEULAH ROSE RANI
DR.M.JEEVITHA

24

FEB
2023



POPE'S COLLEGE (AUTONOMOUS)
DEPARTMENT OF ZOOLOGY



One Day State Level Seminar
On

**EMERGING TRENDS IN BIOTECHNOLOGY TOWARDS
ENVIRONMENTAL SUSTAINABILITY**

CHIEF PATRON

Mr. D. NEEGER PRINCE GIFTSON M.B.A.,

Secretary, Pope's College.

PATRON

Dr.R.Immanuel

Principal, Pope's College.

24 / 02 / 2023

VENUE : SEMINAR HALL

Resource Persons



Dr. K.MURUGAN

Department of Biotechnology,
Manonmaniam Sundarnar University,
Tirunelveli - 627012

Dr. A.SELVAM

Associate Professor,
Department of Plant Science,
Manonmaniam Sundarnar University,
Tirunelveli - 627012



DR. P.KUTTY JUSKAR JEBARAJA
Organising Secretary

DR. M.JEEVITHA
Coordinator

MRS. P.BEULAH ROSE RANI
Coordinator

DR.Y.S.SANTHI PON INDIRA
Convenor



POPE'S COLLEGE (Autonomous),

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Sawyerpuram- 628251, Thoothukudi District, TamilNadu, India



**STATE LEVEL SEMINAR ON
EMERGING TRENDS IN BIOTECHNOLOGY TOWARDS ENVIRONMENTAL
SUSTAINABILITY**

CERTIFICATE

This is to certify that _____
_____ participated /
presented the paper entitled _____

in the One Day State Level Seminar on "EMERGING TRENDS IN BIOTECHNOLOGY TOWARDS
ENVIRONMENTAL SUSTAINABILITY" organized by the Department of Zoology, Pope's College
(Autonomous) at Sawyerpuram on 24.02.2023.

**DR. P. KUTTY JUSKAR
JEBARAJA**
Organising Secretary

DR. M. JEEVITHA
Coordinator

**MRS. P.BEULAH ROSE
RANI**
Coordinator

**DR.Y.S.SANTHI PON
INDIRA**
Convenor

DR. R. IMMANUEL
Principal