



A PROFILE

ENTOMOLOGY RESEARCH INSTITUTE

An ISO 9001:2015 certified Institute

**LOYOLA COLLEGE (AUTONOMOUS)
CHENNAI - 600 034
TAMIL NADU, INDIA**



CONTENTS



- ORIGINS
- EXECUTIVE SUMMARY
- ABOUT ERI
- GUIDING PRINCIPLES
- OBJECTIVES
- THRUST AREAS
- ACHIEVEMENTS
- MILESTONES
- BIOPRODUCTS
- LABORATORY & FACILITIES
- OUR TEAM
- ERI IN MEDIA
- GALLERY
- EXTENSION ACTIVITIES
- COLLABORATORS
- SPECIAL FEATURES

ORIGINS

Founders



ST IGNATIUS OF LOYOLA
FOUNDER
THE SOCIETY OF JESUS (SJ)
(1491 - 1556)



REV. FR FRANCIS BERTRAM SJ
FOUNDER, LOYOLA COLLEGE
(1870 - 1936)



DR T.N. ANANTHAKRISHNAN
FOUNDER DIRECTOR, ERI
(1925 - 2015)

Administrators



REV. DR FRANCIS P. XAVIER SJ
RECTOR & VICE PRESIDENT
LOYOLA COLLEGE SOCIETY
CHENNAI



REV. DR D. SELVANAYAKAM SJ
SECRETARY & CORRESPONDENT
LOYOLA COLLEGE
CHENNAI



REV. DR A THOMAS SJ
PRINCIPAL
LOYOLA COLLEGE
CHENNAI

AN INSPIRED CHOICE FOR A

EXECUTIVE SUMMARY



Each day, the positive outlook from our Entomology Research Institute, which is setting the groundwork for tomorrow's research, beginning with personal interest, inspires me. Researchers from all over have gathered to conduct thorough research and find solutions to protect and save the environment. Institute's research strategies and scientific knowledge advancements will broaden the possibilities for assisting and shaping the future to save our Mother Earth which is our common home.

ERI is committed to incorporate biological products, which help us in protecting and promoting natural resources. ERI focuses on improving and comprehending complex challenges in life sciences in order to prevent and protect against them. The institute seeks to safeguard and conserve biodiversity by conducting scientific research, creating awareness among students, and ensuring people's involvement in achieving a healthy & greener environment.

Rev. Dr S. Maria Packiam SJ

Ph.D., FRES (Lon.), EIA (IND), Post-doc (USA)

Director



ABOUT ERI



- Entomology Research Institute (ERI) situated at Loyola College in Chennai, is one of India's leading Centres of Excellence.
- ERI was founded in 1963 by T. N. Ananthakrishnan, a well-known Indian Entomologist, with the goal of increasing insect science research for better agricultural productivity and a safer human environment.
- Through applied research, publications, and outreach efforts in the realms of environment, sustainable agriculture, and human welfare, ERI is always striving to make a positive contribution to Humanity. Biodiversity, Biopesticides, Environment, Genetic Engineering, and Molecular Biology are among the areas wherein ERI conducts research.
- ERI is ranked as India's 8th best private institution in terms of research output.
- ERI is an ISO certified Institute.



Let your light shine



GUIDING PRINCIPLES



VISION

- To heal the broken world and promote a healthy life



MISSION

- To create a better world through research for the welfare of life
- To develop innovative & ecofriendly technology for promotion of life
- To collaborate with research institutes for deepening the trans-disciplinary research environment



VALUES

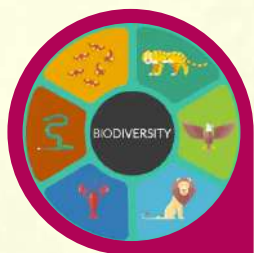
- Ecological Justice
- Research Excellence
- Care for Nature
- Collaboration



OBJECTIVES

- To protect diversity of insects & plants, and contribute to their conservation
- To develop new bio-pesticides and bio-fertilizers to promote sustainable agriculture
- To discover new natural medicines for diseases such as cancer, diabetes, inflammation, tuberculosis, etc.
- To improve the crop plants with resistance to biotic and abiotic stresses for the benefit of farmers
- To give training and demonstrations to farmers on eco-friendly technologies for sustainable agriculture through extension programmes
- To protect and promote an environmental friendly activities to care for our common home (Nature)





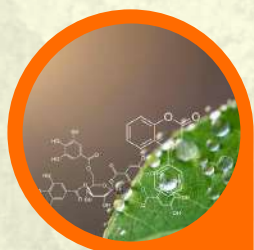
**BIODIVERSITY
& CONSERVATION**



**INTEGRATED
INSECT PEST
MANAGEMENT**



BIO-PRODUCTS

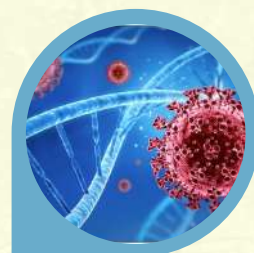


PHYTOCHEMISTRY

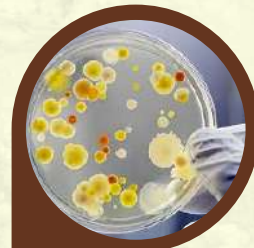


**PLANT
BIOTECHNOLOGY**

**ANIMAL
BIOTECHNOLOGY**



**APPLIED
MICROBIOLOGY**



**WASTE
MANAGEMENT**



**ENVIRONMENTAL
AWARENESS
TO PUBLIC**



**EXTENSION
ACTIVITIES**



THRUST

AREAS

Publications



700

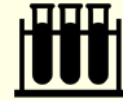


Citations

24080

59

Projects
completed



Impact Factor

287

ACHIEVEMENTS



Awarded

120

25

Books



H-Index

72

11

Patents



MILESTONES

1963

ERI established as a small unit
Founder-Director
(Prof. T. N. Ananthakrishnan)

1986

ERI established as an
institute

1988

Silver jubilee celebration

1996

New Director
(Fr Ignacimuthu SJ)
Microbiology Lab donated
by Japanese Government

2007

First patent

2009

First Bioproduct
development
(PONNEEM)

2015

Projects funded by Times
of India - INR 1,04,86,000

2016

Establishment of Loyola-
STP water quality analysis
unit

2018

Loyola Research Award &
Project funded by ICMR

2019

Projects funded by SERB
New Director
(Fr S. Maria Packiam SJ)
ISO Certification

2020

Two MoUs signed: ICAR-NBAIR
& ZSI
Renovation of ERI
Establishment of ecology division

2021

NAAC visit
Project funded by TNSCST
Recruitment of new scientists

2022

International conference
ICETIS 2022

2023

ERI diamond jubilee
CARE FOR OUR
COMMON HOME





Green Pesticide

BIOPRODUCTS



Hand sanitizer, Mouthwash & Disinfectant



Mosquito Management



Plant Tissue Lab



Green House



Mosquito Control Lab



Animal House

LABORATORY & FACILITIES



Real-time PCR



FT-IR



ChemiDoc System



DIRECTOR

Rev. Dr S. Maria Packiam SJ, M. Sc., Ph.D.

Specialization: Entomology & Environment

EMERITUS SCIENTISTS

Dr K. Balakrishna M. Sc., Ph.D.

Specialization: Phytochemistry

Dr V. Seshadri M. Sc., Ph.D.

Specialization: Phytochemistry

Dr E. Sukumar M. Sc., Ph.D.

Specialization: Phytochemistry

SCIENTISTS

Dr V. Duraipandiyam M. Sc., M. Phil., Ph.D.
Specialization: Phytochemistry & Microbiology

Dr K. Sivasankaran M. Sc., M. Phil., Ph.D.
Specialization: Insect Biodiversity

Dr Joseph B. Devadass M. Sc., Ph.D.
Specialization: Microbiology

Dr T. D. John Caleb M. Sc., Ph.D.
Specialization: Arachnology

Dr Y. Chezhan M. Sc., Ph.D.
Specialization: Wildlife Conversation

Dr Melvin A. Daniel M. Sc., Ph.D.
Specialization: Plant Biotechnology



ERI IN MEDIA



EXTENSION ACTIVITIES





Ministry of Environment, Forest
& Climate Change
(MoEF & CC)



Zoological Survey of India
(ZSI)



National Biodiversity Authority
(NBA)



University Grants Commission
(UGC)



Indian Council for Agricultural
Research (ICAR)



ICAR-National Bureau of
Agricultural Insect Resources
(ICAR-NBAIR)



विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF
SCIENCE & TECHNOLOGY



Tamil Nadu State Council for
Science & Technology
(TNSCST)



University of Madras
(UoM)



Environmental Information
Centre (ENVIS)



Science & Engineering Research
Board (SERB)



Entomology Academy of India
(EAI)

COLLABORATORS





SPECIAL FEATURES

- Loyola College Society is granted Tax Exemption Certificate under 35(i) and (ii) with 175% Tax Exemption for any donation given to ERI for research and extension.
- Donate to save taxes (80G)



175%
TAX EXEMPTION



Rev. Dr S. Maria Packiam SJ
Director



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