

# WORKSHOP ON STUDENT PROJECTS IN **LIFE SCIENCE** FOR **UG & PG STUDENTS**



*Organized by:*

**TROPICAL INSTITUTE OF ECOLOGICAL SCIENCES,  
[www.ties.org.in](http://www.ties.org.in)**

**Monday 30 October 2023**

**10 am to 4 pm**

**@ Bamboo Grove**

**TIES Campus Velloor, Pampady**

Research aptitude is one of the essential qualities that should be imparted through higher education. It not only meant to developing future scientists, but also to inculcate scientific and investigatory temperament among talented youth. Incorporating this noble vision of education research training is now an integral part of present day curriculum, which starts from lower primary classes, especially through projects.

However, scientific research training is not seriously undertaken by most of the institutions in India. The lapses in research in our country may be attributed to the lack of this basic training.

This workshop is aimed at training UG/PG students to do their final year/semester projects through proper research methodology. It also aims at generating future scientists by imparting scientific skills.

## OBJECTIVES

- To train the students on scientific method (from formulating questions to preparing research projects)
- To inculcate the spirit of scientific temperament
- To open up research avenues before young talented students
- To equip the students on various skills of research

## SYLLABUS

### ■ Basics

- Research: What, why and how?
- Types of research
- Need of research training in higher education Scope, option and funding
- Scientific method/ student projects
- Identifying a problem
- Formulating hypothesis
- Experimenting methods
- Analysing data
- Preparation of reports

### ■ To know the field

- Review of literature  
Sources – books, journals, internet etc. Searching
- Writing format

### ■ Design of your experiment

- Qualitative and quantitative techniques
- Qualitative – surveys; sampling methods
- Quantitative – lab and field studies



## ■ Meaning of your data

- Statistical tools and techniques in designing experiments & analyzing results
- Presentation of data, Test, tables, charts, photos

## ■ Communicating research reports

- Preparing research reports (thesis/paper)
- Journal paper and poster preparations

Practical session for selection of topics & setting objectives

### FORMAT

The workshop is truly participatory in nature and consists of:

- Demonstration lectures
- Group training sessions
- Group discussions
- Formal meetings

### WHO CAN APPLY

All students of U.G and P.G courses in Life Science at universities of Kerala can participate in the programme. Any number of students from a department or college can participate with advance registration.

Registration Form for Workshop on Student Projects

<https://forms.gle/vWWBfJkkSENGWrqA9>

Last date for submitting the registration is 28 October, 2023

#### TIES Account Details

A/c. Name : Tropical Institute of Ecological Sciences  
Bank : Union Bank of India  
Branch : Kanjikuzhy, Kottayam  
A/c. No. : 114211100000034  
IFS Code : UBIN0811424  
UPI ID : 32325501@ubin



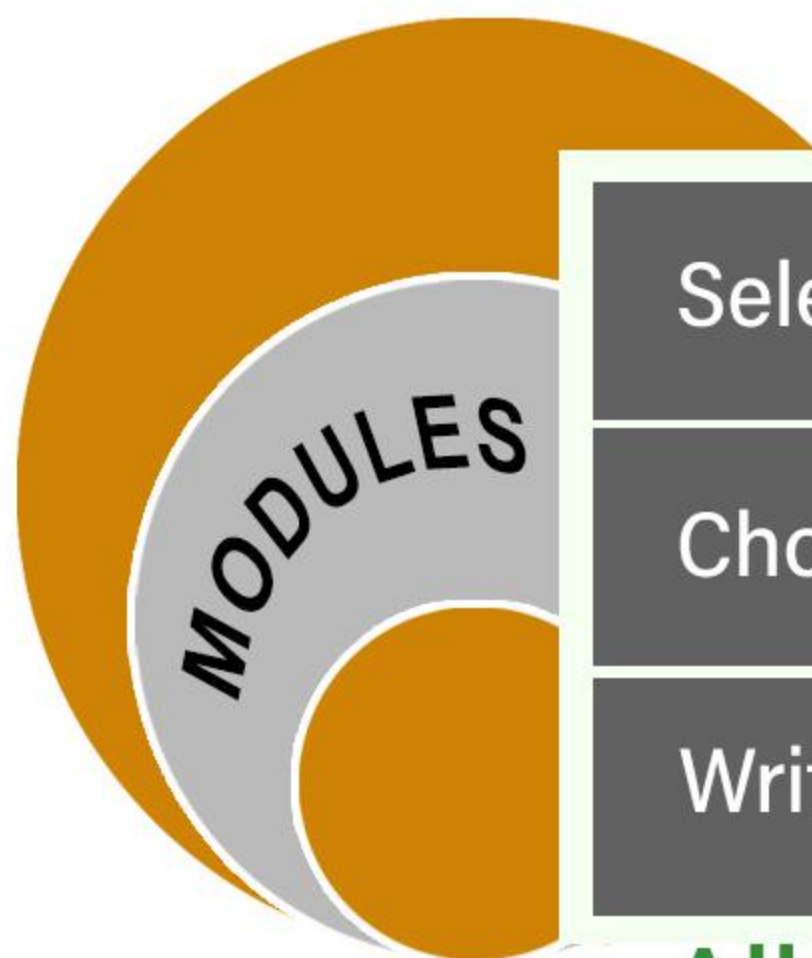
Scan to pay

COMMON ORCHIDS OF KERALA

## Animal / Plant Identification Guides

Colour photo field guides of butterflies, orchids, dragonflies, birds, snakes of Kerala is available at the venue.

# WORKSHOP ON STUDENT PROJECTS



Selection of a Topic

Topic suggestions  
Topic feasibility discussions

Choosing Methods

Suggesting suitable methods  
Related details

Writing Project Report

Format details  
Power point presentation preparation

**All the steps of a project in a day,  
equipping students to do projects themselves**

## COURSE FEE

Rs. 200/- per head which covers expenses for food (lunch and light refreshments), workshop materials, and a book on Student Projects. Kindly register by remitting the fee online and using the google form.

For further details and any other assistance, please contact our counsellor at 9497 290 339 (Mob.) or Log on to our website, [www.ties.org.in](http://www.ties.org.in)

All communications should be sent to:  
**Course Director**, Workshop on Student Projects  
Tropical Institute of Ecological Sciences  
Velloor P.O., Kottayam 686 501, Kerala, India

Tel: +91 481 2957050, 9497 290 339  
E mail: [tropicalschool@gmail.com](mailto:tropicalschool@gmail.com)  
Website: [www.ties.org.in](http://www.ties.org.in)

TIES Location

