

Support us

TIES is a non-profit, voluntary organization and encourages collaboration, participation and financial support from all sections of the society including corporate donations. Donations to TIES are exempted from income tax as per 12A and 80G sections of Indian Income Tax Act, 1961.

TIES is registered under Foreign Contribution (Regulation) Act, 1976 u/s 6(1)(a), to receive foreign contributions.

Donations can be remitted to Account number 114211100000034 at Andhra Bank, Kottayam branch IFC code: ANDB0001142. DD can be sent to TIES, payable at Kottayam.

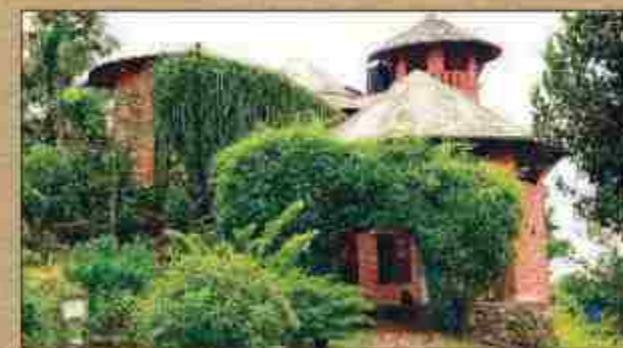
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Tropical Institute of Ecological Sciences
www.ties.org.in

TIES - Ties Mind & Nature



TIES - Tropical Institute of Ecological Sciences

TIES is a not-for-profit research organization established by a group of professionals from the field of education and nature conservation in 2004. TIES is an autonomous institution dedicated to environment protection, health, green lifestyle, waste management, livelihood support, community development and education and research. It is registered under Travancore-Cochin Literary Scientific Charitable Societies' Act, 1955 and exempted under 12A and 80G status of Income Tax Act 1961 and is FCRA registered.

Awards

- ▶ Green Institution Award, 2011, Kerala Biodiversity Board
- ▶ Centre of Excellence for Emerging Kerala Projects, 2012, Govt of Kerala
- ▶ State Tourism Award for the Most Innovative Project in the Tourism Sector in Kerala, 2012-13, Department of Tourism, Kerala
- ▶ Skål International Sustainable Tourism Award for Community and Government Projects, 2014
- ▶ Award for Best Performing Jananidhi Supporting Organization, 2015, Kerala Rural Water Supply and Sanitation Agency

Affiliations

- ▶ Affiliated Research Centre of Mahatma Gandhi University in Environmental and Atmospheric Sciences for Ph.D programmes
- ▶ Approved by Ministry of Agriculture, MOEFCC, Department of Science and Technology of Government of India, KSCSTE Govt. of Kerala, etc., conducting collaborative/supporting projects
- ▶ Partner of IISAC, New York for Tropical Biodiversity Field School Programme for students of various US Universities
- ▶ Approved analytical laboratory for water and soil

Collaborations

- ▶ Course collaborator of Ministry of Micro, Small and Medium Enterprise
- ▶ MOU for technical collaborations with Mahatma Gandhi University and several affiliated Colleges
- ▶ Projects with several colleges across South India for College-NGO Partnership Initiative
- ▶ Partnered with 7 south Indian universities for PG and M.Phil. projects
- ▶ Partnered with Corporates for CSR environmental projects
- ▶ Project partner and consultant for Department of Forests and Wildlife of Kerala, Energy Management Centre, Kerala, etc.



Corporate Social Responsibility

TIES is a leading partner and facilitator of CSR initiatives of several corporate and public organizations with the necessary expertise, technical collaboration and legal permissions. Our CSR activities have grown into multi disciplinary projects over the years.

Major areas: Biodiversity impact assessment, Biodiversity enhancement and restoration, Thematic gardening, Green landscaping, Community terrace farming, Organic farming, Waste management, Climate change resilience and mitigation, Community pond restoration, Fresh water body restoration, Watershed development, Man/animal conflict mitigation, Nature education, Sustainable development with community participation, Environmental education and capacity building.

Our Partners

- ▶ Apollo Tyres Foundation
- ▶ Hindustan Unilever Ltd.
- ▶ Singinawa Foundation
- ▶ Tata Chemicals
- ▶ Indian Oil Corporation Ltd.

India Snake Bite Initiative

Indiansnakes.org, under its umbrella organization-TIES, has initiated several programmes to mitigate casualties from snake bites in rural districts of Madhya Pradesh and Chhattisgarh. Support is provided to hospitals in the form of Anti-venom provision, community education and outreach programmes. It is the pioneering project on mitigating the issue in our country that encounters 50,000 snake bite deaths every year.

Tropical Explorer

TIES conducts an educational tourism for corporate groups, schools and families in which our team of naturalists leads the group to experience the unexplored regions of Kerala by yourself.



Outer Flap B

Vision

TIES stands for Man and Nature through education and practice - a synergy of science, tradition and environment.

Mission

To create an environmentally responsible community, through research, environmental education, capacity building and community participation by blending traditional and modern scientific knowledge.

COMMUNITY DEVELOPMENT

CAPACITY BUILDING

RESEARCH & DEVELOPMENT

ENVIRONMENTAL EDUCATION & OUTREACH





Solutions are simple...

Way to TIES



Environmental Education & Outreach

Academic Programmes

- ▶ **Doctoral Programme in Environmental and Atmospheric Sciences**
- ▶ **Certificate Courses:**
 - a. **TRTP - Tropical Research Training Programme:** For UG, PG and MPhil students from Indian and foreign universities
 - b. **Tropical Biodiversity Field School:** Credit sharing programme for International university students
 - c. **Junior Naturalist:** A 15 day long certificate programme on nature education for students of grade 4-7
- ▶ **Outreach Programmes:**
 - a. **Enjoy Learning:** A one day long innovative environment learning programme that enable students learning through nature centred experiments.
 - b. **Enjoy Teaching:** A customized tutelage 1-5 day programme for teachers of any subject and background. This course aims at imparting nature oriented approach in teaching which can help in transforming the entire teaching-learning process of any subjects.
 - c. **Enjoy Life:** Eco-orientation for a sustainable lifestyle for any community groups, clubs, societies, family organisations, etc.



Consultancy & Scientific Services

As an institution with a substantial in-house technical expertise, TIES provides consultancy services for various stakeholder groups and institutions for EIA, green audit, waste management projects, MSW segregation, water quality tests, green landscaping and energy solutions, etc.



Infrastructure at TIES

The ecological research campus at Vellore, near Pampady, Kottayam is a green campus built following the principle of zero emission. It has several unique features like state of the art research labs with modern equipments, library and conference facilities. The campus is adorned with biodiversity garden complexes which include mushroom and apiculture farms, medicinal garden, butterfly garden, bamboo grove, wild orchidarium, fruit tree garden and native woody tree garden. The campus boasts innovative waste management techniques and water conservation programmes.



Academic & Research Divisions

- ▶ Alternate Energy Resources
- ▶ Animal Taxonomy
- ▶ Environmental Biotechnology
- ▶ Environmental Education and Conservation
- ▶ International Education, Research and Extension
- ▶ Natural Farming and Research
- ▶ Natural Resource Management and Sustainable Development
- ▶ Public Health and Tropical Diseases



Community Development

TIES takes initiatives in conducting various community developmental or eco-developmental projects to educate people about the need of sustainable lifestyle for achieving sustainable development goals 2013 of United Nations. These outreach activities are the practical response to various needs of today's world and a practice of the organizations core values through community participation. Sustainable development models are conceptualized and implemented under this project.

Nalumanikkattu

The Evening Breeze, is the first village roadside-ecotourism initiative in Kerala, and is a typical model of responsible tourism. The project is implemented at Manarcaud-Ettumanoor bypass road under the aegis of Manarcaud-Ettumanoor Bypass Residents Association in technical collaborations with TIES. This innovative rural eco-tourism project has bagged State Tourism Award for the Most Innovative Project in the Tourism Sector in 2012-13 and Skål International Sustainable Tourism Award in 2014.

Tree Naming at Public Campuses

Self explanatory name tags on trees at public places are good environmental education tools.

Senior Scientist Consortium

The senior scientists consortium offers a platform to share their experiences, continue mentoring students and research projects.

College-NGO Partnership

It is a programme for students and teachers of colleges through hands on projects such as Green audit, paper recycling projects, healthy food campaign (popularisation of ethnic foods), waste management, etc.

My School My Village

A unique programme that helps to prepare school level biodiversity registers, involving teachers and students.

Haritha Nikunjam

Pioneer thematic biodiversity gardens executed at Mahatma Gandhi University campus, corporate campuses and public parks.

My River My Life

Community oriented river conservation projects in collaboration with educational institutions and locals.



Capacity Building

A wide spectrum of programmes are offered to various community stakeholders aimed at capacity building to meet the challenges and solve environmental issues. It is a platform to bridge traditional knowledge with modern science and aims at sustainable lifestyle of communities while encouraging preservation of traditional knowledge.

Research, training and support programmes in:

Mushroom Farming, Bee Keeping, Energy conservation Programmes, medicinal plant products, waste management services, etc.



Research and Development

TIES is a recognized research centre for Mahatma Gandhi University for conducting doctoral programmes in Environmental and Atmospheric Sciences.

Thrust Areas

Pollution, Biodiversity and Eco-friendly lifestyle.

Principal Fields

Conservation and pollution management.

Major areas

Biodiversity, Wildlife studies, Ecosystem Management, Ethno Biological studies, Waste Management, Emerging Epidemics, Lifestyle diseases, Public health issues, River pollution and Toxicological studies, Sustainable Agriculture and Scientific Validation of traditional knowledge, etc.



Publications

As part of research and extension projects, TIES regularly produces documentary films; publishes discussion papers, books, field guides, pamphlets, brochures, etc. for the general public, students and researchers.



TIES Naturals

Eco Products: TIES develop natural products in our own laboratory to support organic farming and to enable speedy composting of organic waste. Several other items like organic foods, artisan products, trekking & hiking kit, snake rescue kit, eco-friendly toys, game kits, etc. are available.

Medicinal & Forest Plant Nursery

Through the provision of medicinal plants, including the rare species, TIES takes a step towards the revival and conservation of our native floral diversity.

