

SCHEDULE

Day 1 April 24 Wednesday	10:00 am – 11:00 am : Inauguration 11:30 am – 12:30 am : Ice breaking, eco-games – Dr. Nelson P. Abraham 01:00 pm – 04:00 pm : Tips for nature studies, method of field note writing – Mr. P. Manoj
Day 2 April 25 Thursday	10:00 am – 01:00 pm : Medicinal Plants and Wild Trees - At TIES Campus –Mr. Sarath 02:00 pm – 04:00 pm : Biodiversity conservation – An introduction – Dr. Punnen Kurian
Day 3 April 26 Friday	10:00 am – 04:00 pm : Dragonflies and damsel flies – Theory class and field trip – Dr. Abraham Samuel (At TIES campus & nearby rivulets)
Day 4 April 27 Saturday	10:00 am – 04:00 pm : Bird watching introduction - Mr. Sarath 02:00 pm – 04:00 pm : Birds and bird nests – Ms. Siby Mosses
Day 5 April 29 Monday	10:00 am – 04:00 pm : Urban bird survey Kottayam
Day 6 April 30 Tuesday	10:00 am – 04:00 pm : Fresh water fishes – theory and field trip – At Thiruvanchoor; Naalumanikkaattu – Dr. C.P Shaji
Day 7 May 02 Thursday	10:00 am – 04:00 pm : Butterflies – theory and field trip At TIES Campus - Mr. P. Manoj
Day 8 May 03 Friday	08:00 am - 04:00 pm : Field trip - At Kumarakom (common water birds and mangroves)
Day 9 May 04 Saturday	10:00 am – 01:00 pm : Total Quality Child –training At TIES campus– Dr. Nelson P. Abraham 02:00 pm – 04:00 pm : Apiculture introduction - Mr. Sarath
Day 10 May 06 Monday	10:00 am – 01:00 pm : Snakes- An Introduction – Mr Jose Louis 02:00 am – 04:00 pm : LEARN FROM NATURE - Folk toy making - Dr. Punnen Kurian
Day 11 May 07 Tuesday	06:00 am – 04:00 pm : Field trip At Vagamon.
Day 12 May 08 Wednesday	10:00 am-01:00 pm : Mammals- An Introduction 02:00 pm-04:00 pm : Pets and domestic animals
May 10 & 11 Friday Saturday	Two days : Nature camp. Thattekkad Bird Sanctuary
May 13	: Exam day-Final Evaluation

Note : Changes may occur in the programme schedule due to technical or logistical constraints.

For further details and registration please contact

Mr. Sarath Babu, Nature Education Officer,
TIES at 9496794305 or Log on to our website.

Project Director

Junior & Senior Naturalist Certificate Course

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FREE!!

T-SHIRT
CAP
BACK PACK
NATURALIST DIARY
ID CARD
FIELD GUIDE etc.



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Come and Enjoy
with Nature

24 April -
13 May

Junior Naturalist Certificate Course

FOR SCHOOL CHILDREN
2nd-8th Standard

- ◆ Making children more passionate about nature and life through systematic nature studies
- ◆ Master the art of observing, identifying, and appreciating plants and animals.
- ◆ Helps in class room learning, character moulding and personality development
- ◆ Orient towards nature and inculcate the spirit of eco-friendly lifestyles, more health and more vigour
- ◆ Forge a path towards a fulfilling career.
- ◆ Engage with esteemed taxonomists and scientists, expanding horizons and gaining invaluable insights."



JUNIOR NATURALIST CERTIFICATE COURSE

Unlocking the naturalist within, TIES presents the Junior Naturalist Certificate Course, igniting a lifelong love for nature among our youth. Guiding children to become stewards of the environment, this program nurtures their innate curiosity into a passion for scientific exploration and conservation.

Through hands-on field trips, engaging demonstrations, and immersive experiences, participants will gain the skills to identify plants and animals, while fostering a profound connection with the diversity and beauty of our natural world.

Join us on this transformative 15-day journey, where classroom sessions and field excursions converge to create a holistic learning experience.

Enroll today and embark on a path towards becoming a certified Junior Naturalist, equipped to make a difference in the world.



- Target group** : School children; 2nd standard to 8th standard classes. Both boys and girls.
- Duration** : 15 days - 75 hour programme (15 x 5). 40 hours field trips and 15 hours theory. One nature camp of 48 hours will be conducted at the last lap of the programme.
- Mode of teaching** : Demonstration classes of short duration (with power point). Field study trips with experts; assignments; mini project.
- Venue** : Classes will be at TIES campus. Field trips are at various wild spots.
- Fee** : Rs.4000/- (Rupees four thousand only). Fee covers tuition fee, field expert guidance, lecture notes and hand book, morning and evening light refreshments (during each day of the course); Naturalist Diary, field guides, field T-shirt, TIES cap, Book, Pencil, and ID card (during field trips uniform cap and T-shirt should be worn). Participants should reach TIES and other locations of field studies at their own expense (the time table and schedule will be given in advance).
- Certificate** : All students successfully completing the course will get a certificate awarding them as Junior Naturalist.



COURSE SYLLABUS

1. Systematic Nature Documentation (Basic Level)

- Introductory session: Training in field note preparation, naturalist diary creation, equipment basics, and digital resource management.

2. Bird-Watching and Identification

- Detailed focus on common bird identification, including plumage, eye ring, habits, and habitats, alongside ecological insights.

3. Birds in Local Habitats

- Study of common birds in various habitats like home, paddy fields, and wetlands, covering nesting, migration, and conservation measures.

4. Butterflies and Moths

- Identification and life cycle study of common butterflies and moths, including host plants, habitat, and photography techniques.

5. Dragonflies and Damselflies

- Field identification, habitat exploration, and photography of common dragonflies and damselflies.

6. Freshwater Fishes

- Identification of common species and traditional fishing techniques.

7. Amphibians and Reptiles

- Introduction to Kerala's reptiles and amphibians, including snake identification, first aid, and common species overview.

8. Mammals

- Field identification session focusing on Kerala's wild animals, with special attention to small mammals and identification through tracks.

9. Wildflowers and Medicinal Plants

- Identification, medicinal uses, habitat study, and local plant trivia.

10. Sacred Groves, Village Hedges, and Rivulets

- Biodiversity study of common habitats, including field trips covering ecosystems and model biodiversity evaluation.

11. Pets and domesticated animals

- Ornamental fish farming; aquaculture; apiculture; etc.

Junior
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