

## Topics that will be covered during the Vacation Training Programme

Lecture Sessions	Practical Sessions
Introduction to bioresources	Map reading and other field techniques
Introduction to forest types	Tree climbing using one rope technique
Importance of plant taxonomy	Field activity related to plant taxonomy
Birds	Insects - Field/ lab activity
Mammals	Diatoms - Field/ lab activity
Butterflies	Bioresource mapping using GIS and RS – field activity
Ants	Water quality monitoring
Insects	Observation of nature through sketching
Molluscs	
Amphibians	<b>Field Trips</b>
Reptiles	Navadarshanam / Timbaktu Collective
Diatoms	Bannerghatta Butterfly Park
Pollinators and ecosystem services	Ranganthittu Bird Sanctuary
Canopy- the last biotic frontier	Biligiri Rangaswamy Wildlife Sanctuary
Habitat loss due to invasives	Natural remedies
Ecological history	Central Institute of Medicinal and Aromatic Plants
Genetic diversity	SAAHAS waste management unit
Urban wildlife	
Urban ecology	
Wildlife rehabilitation	
Wastelands/ drylands as a source for bioresources	
Bio resource mapping using GIS and RS	
Weather and climate of India	
Conservation and livelihood	
Conservation by substitution - Lantana shows the way!	
Methods of preserving genetic diversity	
Restoring degraded habitats	
Local management of waste/ E waste	
Restoration ecology	
Climate change	
Loss of biodiversity	

Note: Changes may be made to the above-mentioned topics according to the availability of resource persons.