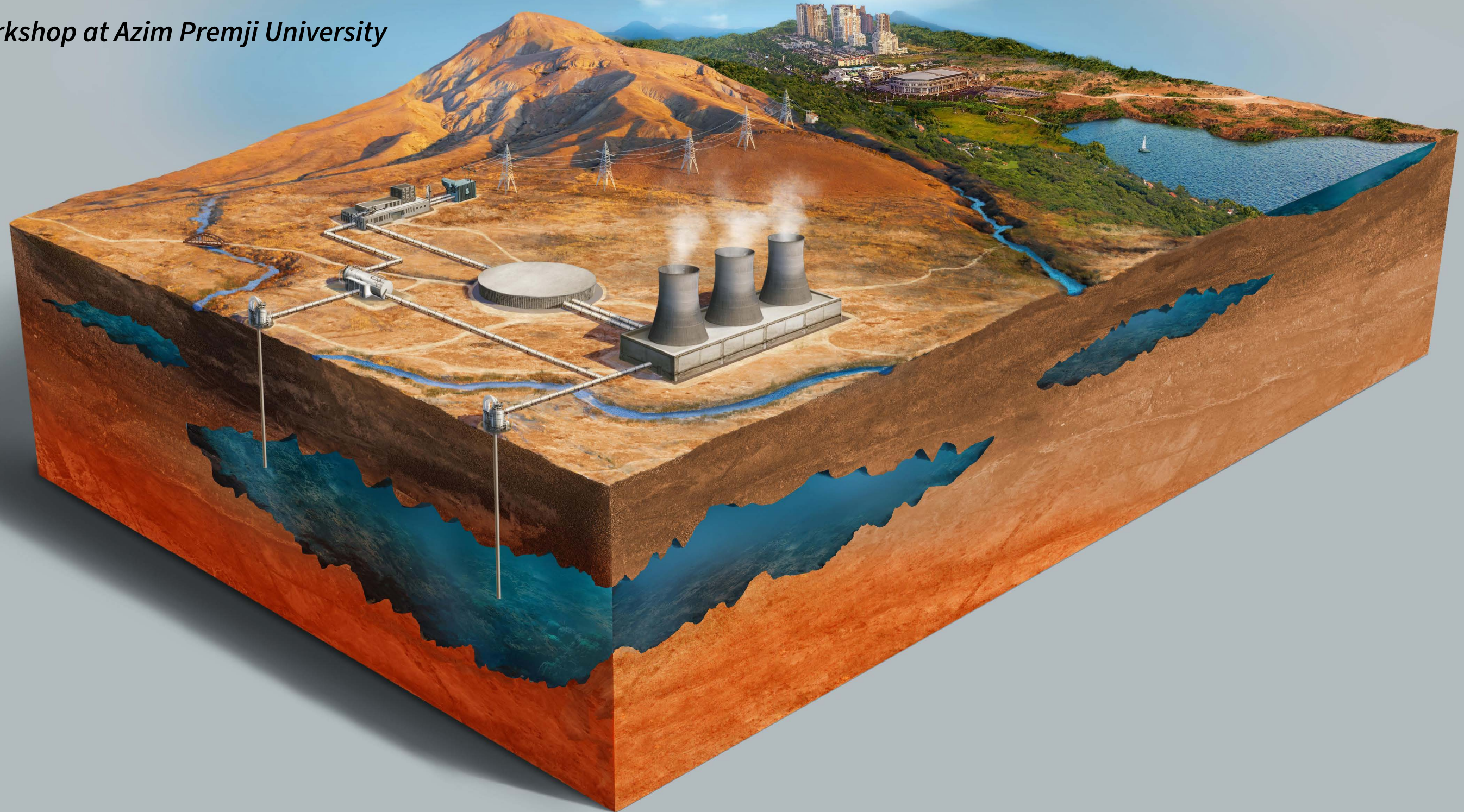


CONTINUING EDUCATION PROGRAMME

# Ecological monitoring for development interventions

17-20 September 2024

*Residential workshop at Azim Premji University*



## Why this course?

Many development projects are influenced by the ecological setting in which they are implemented or the natural resources they draw on. For instance, the right to water is not only about assured access to a certain volume of water but it also includes the idea of safe water i.e. water of a quality that is fit for human use and consumption. In other words, the quality and health of ecological resources are as important as access and control of the resources. However, resources such as the weather, soil, water and vegetation are often taken for granted in the framing and monitoring of development projects. Instead, development professionals need to take an adaptive approach and fine-tune their interventions according to the ecological settings in which they work.

Therefore, this 4-day residential workshop aims to bridge the knowledge and skill gap in ground-level assessment and monitoring of ecological parameters of natural resources. The workshop will provide a foundational understanding of how to identify the ecological settings in which your project is located, as well as how to monitor certain key variables and use this information to tweak a project. In other words, this workshop will enable participants to integrate ecological considerations into the design and implementation of their development projects. It will focus on simple, low-cost field and lab techniques that can be used for ecological monitoring and the scope for community participation in these activities.

## What will you learn?

**By the end of this course, participants will be able to:**

- Explain how ecological monitoring can add value to development interventions
- Gather baseline data on weather, soil, water and vegetation
- Carry out simple analysis and interpretation of the baseline data

## Eligibility

This residential workshop is designed for development professionals who have 2 to 5 years of experience. Those working on holistic development interventions related to conservation of natural resources or sustainable livelihoods, including adaptation

to climate change, will find this particularly useful. Candidates must have working knowledge of Excel (how to make tables and graphs) and English; *they will need to bring their own laptops.*

**Registration link:**

<https://forms.gle/mrpVkJ2rJLjhnPEm7>

**Last date: 15 August 2024**

Selected candidates will be informed about the payment process by 30 August 2024 and last date for payment of fees is 1 September 2024. The decision of the University will be final.

**For any queries, please write to:**

[ecol.monitoring@apu.edu.in](mailto:ecol.monitoring@apu.edu.in)

## Certificate

Participants will be awarded a certificate of participation if they attend at least three days of the workshop and complete all three practicums.

# Language and sessions

The workshop will be conducted in English.

Day 1 Sessions (10 am – 4 pm)	<ol style="list-style-type: none"><li>1. Introduction What is ecological monitoring? How can it add value to development interventions?</li><li>2. Designing datasheets</li><li>3. Weather monitoring – concepts, variables and instruments</li></ol>
Day 2 Sessions (10 am – 4 pm)	<ol style="list-style-type: none"><li>4. Soil monitoring – concepts, variables and datasheet design</li><li>5. <b>Practicum 1:</b> Soil tests, soil health card</li><li>6. <b>Guest lecture</b> by a development practitioner</li></ol>
Day 3 Sessions (10 am – 4 pm)	<ol style="list-style-type: none"><li>7. Water monitoring – concepts, variables and datasheet design for estimating availability and quality</li><li>8. <b>Practicum 2:</b> Water testing</li><li>9. <b>Guest lecture</b> by a development practitioner</li></ol>
Day 4 Sessions (10 am – 4 pm)	<ol style="list-style-type: none"><li>10. Vegetation monitoring – concepts, variables and datasheet</li><li>11. <b>Practicum 3:</b> Monitoring for herbs, shrubs and trees</li><li>12. Simulation exercise: Calculating abundance, density, dominance etc</li><li>13. Conclusion: Summing up &amp; presentation of certificates</li></ol>

# Course fee

This is a residential programme.

- **Fees for partner organisations:** Rs.3250 for tuition and accommodation (including GST)
- **Fees for others:** Rs.5800 for tuition and accommodation (including GST)

**Food:** Breakfast and meals are available at the cafeteria on direct payment basis.

Approximately Rs. 225/- will suffice for a breakfast and two meals per person per day.

# Course instructors

**Pijush Kumar Dutta** works on community-based natural resource management and conservation-linked livelihoods.

**Gautam Ganapathy** works on the relationship between water and society, especially the intersection of ecology, politics and technology.

**Manjula M** works on the ecological, social and economic dimensions of rural livelihoods especially sustainable agriculture and conservation of natural resources.

**Madhuri Ramesh** works on nature-society interactions, inclusive conservation and nature-based livelihoods.

# About Azim Premji University

Since its establishment in 2010, Azim Premji University has focused on the highest quality of education, driven by excellence. Committed to contributing to a just, equitable, humane and sustainable society, Azim Premji University is a vibrant and inclusive space for every student.

The University offers postgraduate degrees in Education, Development, Economics and Public Health. It also offers undergraduate degrees in Social Science (Economics, Social Science), Science (Biology, Chemistry, Environmental Science & Sustainability, Physics, Mathematics and Information Sciences) and Humanities (Philosophy, Politics, and Economics (PPE), English, History, Philosophy, and Economics) and a dual degree in Science and Teacher Education.



**Course name:**

*Ecological monitoring for development interventions*

**Date:** 17-20 Sept 2024

**Registration form link:**

<https://forms.gle/mrpVkJ2rJLjhNPEm7>

**Last date to apply :** 15 Aug 2024

**Last date for fee payment :** 1 Sept 2024

**For any queries, please write to:** [ecol.monitoring@apu.edu.in](mailto:ecol.monitoring@apu.edu.in)



SCAN FOR  
REGISTRATION