



Centre for
Sustainable Agriculture

5-Day Intensive Training on Bioresources & BRC Management

April 21 – 25, 2026

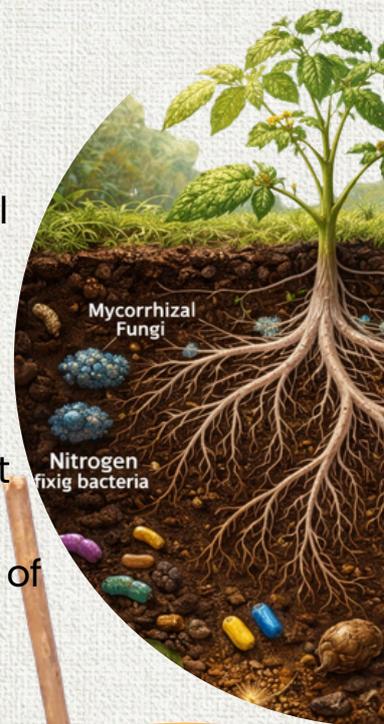
📍 Grameen Academy, Zaheerabad



Grameen Academy

Rebuilding Soil Health Through Biological Solutions

- Modern agriculture has exhausted our soils through chemical dependency. To restore fertility, we must look beyond NPK and focus on the Soil Microbiome.
- Sustainable agriculture requires a biological approach that restores soil life and strengthens natural ecological processes.
- Bioresources such as **microbial inputs, botanical extracts, organic manures, and compost-based formulations** can play a critical role in reviving soil fertility, improving nutrient cycling, and enhancing plant health.
- This training helps participants understand the science of soil ecosystems and practical strategies to restore soil fertility through bioresources.



The 5-Day Training Roadmap

Entrepreneurship & Enterprise Models

Day 5

Infrastructure Planning, Budgeting & Project Proposal Writing

Day 4

Concept & Practical Production of Bioresource Formulations

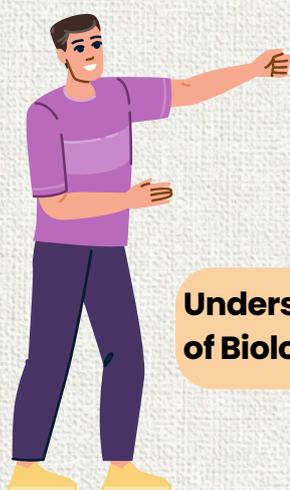
Day 3

Understanding and Classification of Biological Inputs

Day 2

Foundations of Soil Health & Soil Microbiome

Day 1



Participants will also gain exposure to:

- The concept and importance of Bioresource Centres
- Types and classification of BRC models
- Demonstrations on the production of bioresource formulations
- Field exposure to existing BRC models



Grameen Academy

From Farm to Enterprise: The BRC Model



Sessions introduces participants to the classification and importance of biological inputs used in ecological farming systems.

Participants will learn about:

Major Biological Inputs

- **Biofertilizers:** Microbial formulations that improve nutrient availability and enhance soil fertility.
- **Biopesticides:** Biological agents used for eco-friendly pest and disease management.
- **Biostimulants:** Inputs that stimulate plant growth, improve nutrient uptake, and increase crop resilience.
- **Botanical Extracts:** Plant-based formulations used for natural pest management.



BRC Models and Entrepreneurship

From Household Units to Commercial Enterprises

Participants will learn about:

- **Household BRC Model**

Small-scale production units for individual farmers to produce bioinputs for their own fields.

- **Community BRC Model**

Village-level production centres managed by farmer groups, SHGs, or FPOs.

- **Entrepreneurial BRC Model**

Commercial bioinput manufacturing units with quality control and marketing systems.



5 day Schedule

Day 1

Thematic area: Understanding Soil Organic Matter and Soil Microbiome
Registration, Introduction of Participants, Pre-training evaluation Opening & Expectations
Fundamentals of Soil Health and Soil Ecosystem
Soil Organic Carbon (SOC) and Soil Organic Matter (SOM): Concepts, Formation and Importance
Soil Microbiome: Bacteria, Fungi, Actinomycetes, Protozoa and Their Roles
Relationship between Soil Microbiology, Nutrient Cycling and Soil Fertility

Day 2

Thematic area: Biological Inputs and Bioresources
Types and Classification of Biological Inputs
Importance of Bioresources in Sustainable Agriculture
Major Biological Inputs: Biofertilizers, Biopesticides, Biostimulants, Botanicals
Indigenous bioinputs: Jeevamrut, Beejamrut, Panchagavya, Compost, Vermicompost, PROM
Screening of " Mitti " movie

Day 3

Thematic area: Bioresource Resource Centres (BRCs)

Concept and Importance of Bioresource Resource Centres (BRCs)

Types and Classification of BRCs

A visit to BRC models; Demonstration – Production of Bioresource Formulations

Demonstration – Production of Bioresource Formulations

Day 4

Thematic area: Planning and Establishing BRCs

Field Visit, AESA, Cropping Systems, Vermicomposting units, BRC

Planning of BRCs: Site Selection, Infrastructure, Equipment

Budgeting and Financial Planning for BRC Establishment

Execution and Operational Management of BRCs

Practical Exercise: Preparation of BRC Project Proposal

Day 5

Thematic area: BRC Models and Manufacturing Units

Household Level BRC Model: Small-Scale Production Units

Community Level BRC Model: Village Level Production Units

Entrepreneurial BRC Model: Commercial Bioinput Manufacturing

Marketing, Quality Control and Certification of Bioinputs

Evaluation, Feedback, Valedictory and Certificate Distribution

Register Now!

Who Can Join

- Extension officers and NGO professionals working in agriculture and rural development
- Farmer Producer Organizations (FPOs)
- Progressive farmers and rural entrepreneurs
- Trainers and change agents promoting sustainable agriculture

Program Duration & Venue

- 5-Day Intensive Training Program



Grameen Academy, Zaheerabad,
Sangareddy District, Telangana

Fee

₹ 2,000 / day / person

Fee includes training, lodging and boarding costs; doesn't include travel charges and personal expenses to Grameen Academy, Zaheerabad

For Registration



Scan the QR code to complete your registration for the training program or **[Click here](#)** for registration

Grameen Academy

A subsidiary institution of



Centre for
Sustainable Agriculture

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