



ACHARYA INSTITUTE OF TECHNOLOGY

(Affiliated To Visvesvaraya Technological University, Belagavi. Accredited By NACC,
Recognised By AICTE, New Delhi)

Acharya Dr. Sarvapalli Radha Krishnan Road, Soladevanahalli.
Bengaluru-560107



NATIONAL SERVICE SCHEME

ACHARYA INSTITUTE OF TECHNOLOGY

Soldevanahalli, Bangalore -560107.

Event Report

On

NCMC Activity

Date: 1.4.2023

Venue: Bannerghatta Bio Center, Bangalore.

Organized by,
The NSS Unit, CSE
Acharya Institute of Technology.



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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING A REPORT ON VISIT TO BIOCENTRE

The department organized the visit to Biocentre, Department of Horticulture, Government of Karnataka, Bannerghatta Road, Bangalore on 01/04/2023. The 42 students actively participated in the visit. This activity was initiated by Prof. Varalakshmi B.D, NSS Coordinator and Assistant Professor, Department of CSE. The journey was initiated from Acharya Institute of Technology campus at 8:00 am and reached the destination by 10:00 am. After a successful Biocenter tour the team concluded the journey at 5:00 pm at AIT campus. The main purpose of this activity was to gain knowledge over bio resources and promoting organic farming.

Objectives of the Visit:

- Introduction, conservation and documentation of rare and endangered horticultural species including medicinal, aromatic and dye plants.
- Large scale propagation and supply of genuine planting material of horticultural crops including open pollinated vegetable seeds.
- Production and supply of bio inputs like bio fertilizers, bio pesticides, vermicomposting and bio manures.
- Providing analytical facilities for testing quality parameters in organic products and analysis of heavy metal and pesticide residues.
- Providing soil, water and leaf analysis services to horticultural growers.
- Develop package of standards for raising organic nurseries, open pollinated vegetable seed production, plantations and conservation of natural resources.
- Organize training and demonstration programmers on organic farming, biodiversity, resource management and cultivation of medicinal, aromatic and dye



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crops including mushrooms.

Outcomes:

The objectives are fulfilled by creating facilities and expertise in the following areas:

Biodiversity conservation

Plant resources

Organic research

Resource Management

Brief description of Bio Centre

A center of excellence for bioresources and a knowledge center for promoting organic farming. Bio Centre was established in January 2001 at Hulimavu Horticultural Farm, Bengaluru, under the aegis of the Department of Horticulture, Govt. of Karnataka. The center has state-of-the-art laboratory facilities for tissue culture, DNA Finger Printing, food analysis, plant nutrition, and phytosanitary, quality testing for organic products and heavy metal and residue analysis in horticultural produce. The center also has green houses for plant propagation, mother plant orchards and conservatories for horticultural Germplasm.



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Photo Gallery of the Visit





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Coordinated by,

Prof. Varalakshmi B D, Assistant Professor, Department of Computer Science