



BENGAL SCHOOL OF TECHNOLOGY

(A College of Pharmacy)

Approved by Pharmacy Council of India, New Delhi

Affiliated to: Maulana Abul Kalam Azad University of Technology (MAKAUT) (Formerly known as West Bengal University of Technology) & West Bengal State Council of Technical and Vocational Education and Skill Development (WBST&VF&SD)

Accredited by NAAC with "A" Grade, Accredited by NBA for B. Pharm

Sugandha, Delhi Road, Near Chinsurah Railway Station, Dist. Hooghly-712 102, West Bengal

Estd: 2006

BEST PRACTICE

TITLE OF THE PRACTICE: ORGANIC FARMING

OBJECTIVES OF THE PRACTICE: To preserve environment by using natural processes and resources to produce food and livestock

THE CONTEXT:

- Limited availability of access to organic seeds, fertilizers and pest control products
- Time consuming as it takes a year or more to transition from conventional to organic farming
- Organic practices are often expensive than conventional farming

THE PRACTICE:

The positive aspects of organic farming-

- Organic farming aims to utilize less pest control chemicals compared to conventional farming
- It reduces soil erosion
- Organic farming can prevent leaching of nitrate salts into ground water and surface water
- It ensures recycling of animal wastes into the farm to make the soil fertile for better foliage
- Organic farming helps to reduce pollution and this way it can makes environment free of chemical waste

Organic farming can help students in higher education in different ways-

- All these factors convey students about sustainable goals, how to conserve environment and natural resources.
- Organic farming responsibly helps the students to learn about importance of greener planet and how to grow up with the vision
- Students learn about the importance of healthy nutrition
- This also shows ways of reducing soil, water and environmental pollution
- Besides being a responsible pharmacist and serving the society, the students are also aware of the humanelly treatment of animals and their welfare
- A responsible pharmacist can be a better leader who can think beyond their profession. Organic farming can help students to be more intelligent and sensitive towards the exploitation of earth to create a better world.

EVIDENCE OF SUCCESS:

The Bengal School of Technology (A College of Pharmacy) collaboration with East Hooghly Construction Pvt. Ltd have been arranged an organic farming visit program in their nearby area, on 22/12/2022, under guidance of NSS unit and faculties. The event was graced in presence of faculties with varying levels of experience and expertise in their domains. The faculties and students present during the program.

- Dr. Paramita Dey, Professor, Bengal School of Technology
- Mrs. Saumya Dash, Assistant Professor, Bengal School of Technology
- Mrs. Sangita Banerjee, Assistant Professor, Bengal School of Technology
- Miss. Riya Sarkar, Assistant Professor, Bengal School of Technology
- 26 students of NSS unit

Attested

Dr. P. Suresh
Principal

Bengal School of Technology
Sugandha, Delhi Road
Hooghly, Pin-712102, WB

ORGANIC FARMING



PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED:

Problems encountered:

- LOW YIELD- the production of organic farming is far low compared to conventional farming
- HIGHER COST- high cost of organic inputs such as vermi-compost, neem cake etc.
- ECONOMIC CHALLENGES- organic industry is consolidating due to more organic imports.

Resources Required:

- Adequate infrastructure and advertising as resource is required for encouraging this innovative strategy.
- There is scarcity of organic certification agency in state so possible necessary policies are required to adopt organic farming as primary cultivation technique besides conventional farming.

P. K. Suman Das

CRITERIA CO-ORDINATOR

Boey

IQAC CO-ORDINATOR

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Courses offered: D. Pharm, B. Pharm, M. Pharm (Pharmaceutics), M. Pharm (Pharmacology)