Marathwada Shikshan Prasarak Mandal's
DEOGIRI COLLEGE, AURANGABAD

REPORT OF VERMICOMPOSTING IN CAMPUS OF DEOGIRI COLLEGE, AURANGABAD

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REPORT OF VERMICOMPOSTING IN CAMPUS OF DEOGIRI COLLEGE, AURANGABAD

Brief about Activity

Bio fertilizers are cost-effective. They reduce the risk of plant diseases. Benefits of bio fertilizers is their ability to aid soil health, unlike traditional bulk fertilizers which, although containing naturally found minerals such as phosphorus and nitrogen, may overload the soil, eco-system, leading to a chemical imbalance and toxicity. Vermicompost do not cause any type of pollution.

Department of Botany is one of the oldest departments of this College, established in 1960. In the course content the department runs short term course on Production of Biofertilizer along with Botany for degree and PG courses. As this course is one of the important need of present era to undergo sustainable use of the existing resources, the Department of this college has taken initiatives towards social responsibility in reclamation of soil quality by starting Biofertilizers production certificate course since last ten years and its production of vermicomposting is used in the premises.

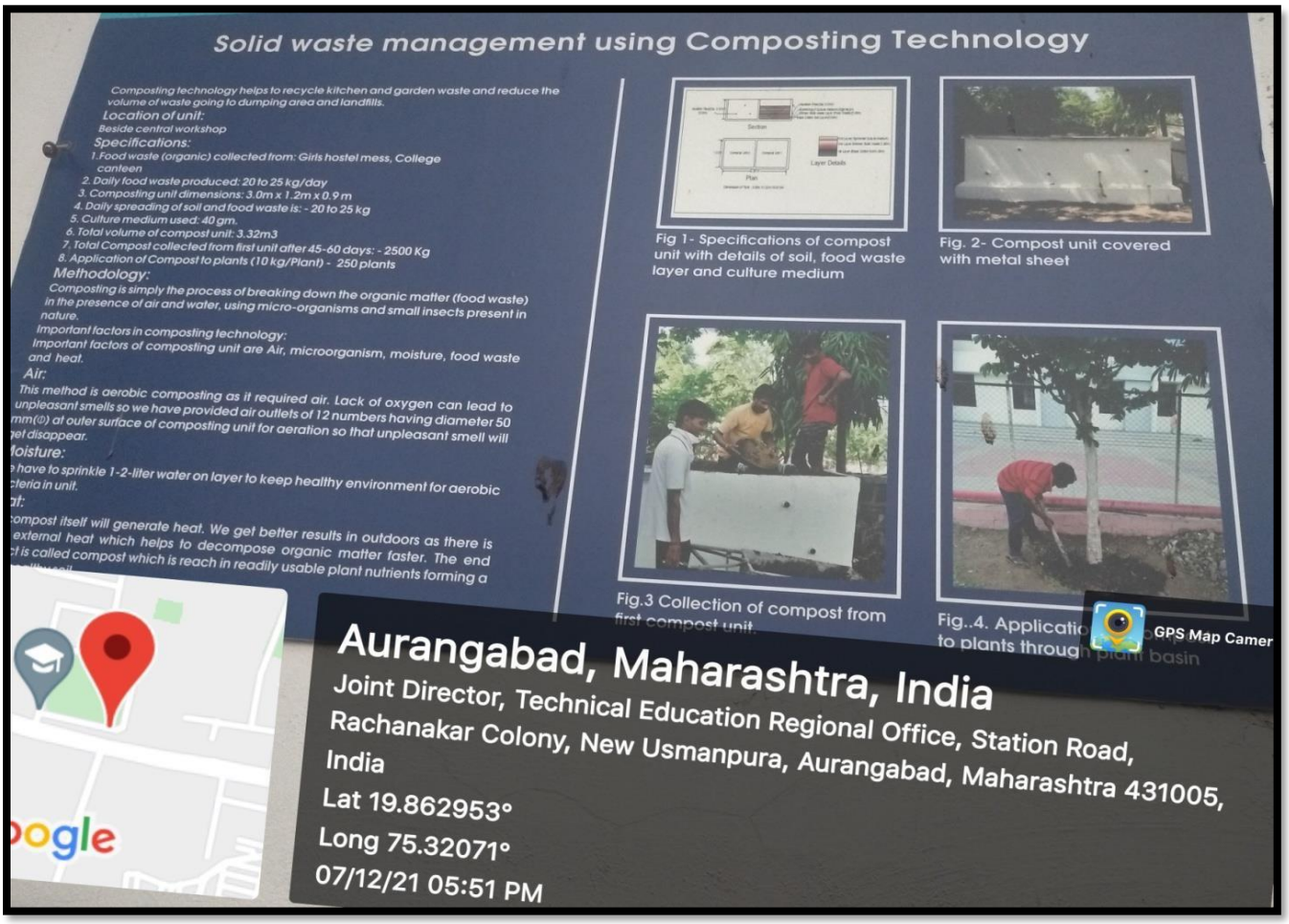
To create awareness about healthy soil /farm/field / in students required applied knowledge of organic gardening. The Under-graduation student does not have adequate knowledge of various useful aspects of gardening including vermicomposting units.

Thus our college campus support sustainable development. This activity is done solely by the students and teachers of Dept of Botany and Campus Beautification committee in limited resources.

Objective:

Dependence on chemical fertilizers for future plant growth and garden maintenance would mean further loss in soil quality, possibilities of water contamination and unsustainable burden on the system.

- To promote organic manure for garden plants available organic inputs such as biofertlizers.
- To prevent pollution and environment degradation by proper conversion and utilization of organic waste.
- To reduce the total dependence on chemical fertilizers and pesticides by increasing the availability and improving the quality of Biofertilizer,
- To convert the organic waste in the campus such as leaf litters, lawn grass after cutting in to plant nutrient resources.



Principal
Deogiri College,
Aurangabad.

DEOGIRI COLLEGE Seal AURANGABAD

Prof. Ravi Patil
Chairman,
Campus Beautification Committee

HEAD
P.G. Department of Botany
Deogiri College, Aurangabad

Planter Bed preparation by using Grass, leaf litter, Vermicompost and soil

Lawn grass used for humus preparation and composting.

Biological waste used in Planter beds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Vermi-composting functioning, Participation of Students

Vermi-composting functioning, Participation of Students

Vermicompost vectors

Refined Vermicompost

Vermicompost taking out for Plants


MH 20 BN 52

Vermicompost Pits


GPS Map Camera
Aurangabad, Maharashtra, India
Joint Director, Technical Education Regional Office, Station Road, Rachanakar Colony, New Usmanpura, Aurangabad, Maharashtra 431005, India
Lat 19.862959°
Long 75.320644°
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Google


Vermi - Composting Unit
GPS Map Camera
Aurangabad, Maharashtra, India
Joint Director, Technical Education Regional Office, Station Road, Rachanakar Colony, New Usmanpura, Aurangabad, Maharashtra 431005, India
Lat 19.862958°
Long 75.320717°
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