



Shri Shivaji Education Society Amravati's
Shri Shivaji Science & Arts College
Chikhli, Dist. Buldana- 443201(MH).
NAAC Reaccredited with 'B++' Grade (CGPA 2.82)
ISO: 9001-2015



Dr. Omraj S. Deshmukh
Principal

Hon'ble Shri. Harshvardhan P. Deshmukh
President

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Institutional Website Link:

https://shivajichk.ac.in/pdf/criterion7/7.1.10_Best_Practice.pdf

Content:

- 1) Best Practice-I**
- 2) Best Practice-II**
- 3) Photographs: Best Practice**



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We Educate, Inspire and Empower...

Best Practice-I

1) Title of the Practice:

Rainwater Harvesting and Artificial Recharge of ground water in college campus.

2) Objectives of the Practice:

- Planning, development and management of water resources considering local context.
- Effective water augmentation, conservation and management

3) The Context:

Artificial recharge structures are priostised to demonstrated the technology available for artificial recharge ground water and disseminate the technical know-how it is useful to institutions & local public.

4) The Practice:

A bore well recharge system is developed in the college campus. Rain water harvesting from rooftop run-offs is done by using suitable mechanism. Farm Ponds and recharge are created trenches near the tomb (Samadhi) of Late Pandharinath Patil. The NSS, NCC units and staff members contributed in this noble work.

5) Evidence of Success:

- All these projects are physically built and properly functioning in the campus.
- Photographs of are available

6) Problems encountered and Resources Required:

- Financial problem raised and were solved by administration and labour work by NSS, NCC and staff volunteers.
- Technical help was not sought from outside & solved by self-motivation.

7) Contact Details:

Name of the Principal	: Dr O. S. Deshmukh
Name of the Institution	: Shri Shivaji Science and Arts College, Chikhli, Dist. Buldana Pin Code: 443201
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1) Title of the Practice:

To prepare Vermicompost organic manure from biodegradable waste.

2) Objectives of the Practice:

- To recycle biological waste of the college campus in scientific way
- To prepare useful organic manure from biological waste

3) The Context:

To implement the concept of green and clean campus Vermicomposting project is implemented here. Recycled organic manure from the all types of biodegradable waste is to be produced.

4) The Practice:

The organic biodegradable waste is mixed with cow-dung in the ratio of 1:8 Beds of it are prepared & showered with water. On these beds the earthworm species *E-foetida* is spread. It is estimated that about 5000 worms can produce 01 Ton of organic manure within a month.

5) Evidence of Success:

- The problem of biodegradable waste from the college has been solved.
- The biofertilizer produced is used for the plants in the garden.
- The worms are used as a food for aquarium fishes in the Department.

6) Problems Encountered and Resources Required:

Problems Encountered:

- Protection of Vermiculture from ants and birds.
- Scarcity of appropriate seed availability.
- The seed is very costly.

Resources Required:

- Financial assistance.
- Automatic water sprinkling method

7) Contact Details:

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7.2 Best Practices: Photographs

7.2.1 Photographs:



Artificial Borewell Recharge System (Before Monsoon)



Artificial Borewell Recharge System (In Monsoon)

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7.2 Best Practices: Photographs



Vermicompost Project: Exterior View



Vermicompost Project: Interior View

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Pradeshmukhe
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7.2 Best Practices: Photographs



Vermicompost Project: Final Product Bags Packings



Vermicompost Project: Final Product Distribution to Faculty Members

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