Bal Bhagwan Shikshan Prasarak Mandal, Ahmedpur

**Vasantrao Naik B.Ed. College, Shirur Tajband**

**Tal. Ahmedpur, Dist. Latur -413514**

(Affiliated :- Swami Ramanand Teerth Marathwada University, Nanded)

**A Report on Vermi compost**

**Year: 2023-2024**

**Introduction:**

This annual report outlines the vermicompost activities undertaken by **Vasantrao Naik B.Ed. College, Shirur Tajband** during the **Year: 2023-2024**. Vermicomposting is a sustainable and eco-friendly method of waste management and soil enrichment that aligns with our institution's commitment to environmental stewardship.

**Key Achievements:**

**Waste Diversion:**

Successfully diverted of organic waste from landfills through vermin composting. The kitchen scraps, garden waste, and other organic materials were processed.

**Vermi compost Production:**

Produced tons of high-quality vermicompost. Ensured a consistent supply of nutrient-rich compost for our gardens and landscaping needs.

**Educational Programs:**

Conducted information sessions on vermicomposting for student and teachers raised awareness about the importance of waste reduction and the benefits of vermicomposting.

**Infrastructure and Technology:**

**Vermicompost Units:**

Operated one vermicompost units efficiently. Implemented improvements in unit design for increased productivity and ease of maintenance.

**Monitoring and Control:**

Utilized advanced monitoring systems to ensure optimal environmental conditions for worm activity.Implemented control measures to address any issues and maintain the health of the vermicomposting ecosystem.

**Environmental Impact:**

**Soil Enrichment:**

Improved soil fertility and structure in [Number] acres of land using vermicompost.Conducted soil tests to measure the positive impact on nutrient levels.

**Carbon Footprint Reduction:**

Contributed to the reduction of greenhouse gas emissions by diverting organic waste from conventional disposal methods.

Future Initiatives:

Expand vermicomposting facilities to accommodate increased waste volumes.Explore partnerships for vermicompost product distribution.Introduce innovative educational programs to reach a broader audience.

**Conclusion:**

The past year has been marked by significant achievements in our vermicomposting initiatives. We remain dedicated to fostering sustainability, environmental responsibility, and community engagement. Looking ahead, we are committed to further expanding our vermicomposting efforts and contributing positively to the well-being of our environment.