



BACKWARD CLASS YOUTH RELIEF COMMITTEE'S

# BHIWAPUR MAHAVIDYALAYA

BHIWAPUR DIST. NAGPUR- 441201

ACCREDITED WITH GRADE 'B' (CGPA-2.54) BY NAAC, BENGALURU

ISO-9001:2015

AFFILIATED TO RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR

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## ACTIVITY REPORT

<b>ACADEMIC SESSION</b>	<b>2016-2017</b>
<b>ORGANIZER</b>	<b>Bhiwapur Mahavidyalaya, Bhiwapur</b>
<b>NAME OF THE ACTIVITY WITH TITLE</b>	<b>Establishment of Vermicomposting Unit in Bhiwapur Mahavidyalaya, Bhiwapur</b>
<b>DATE OF ACTIVITY</b>	<b>The whole Academic Year</b>
<b>MODE OF ACTIVITY</b>	<b>OFFLINE</b>
<b>ORGANIZING COMMITTEE</b>	<b>Eco-Club</b>
<b>PROGRAMME COORDINATOR</b>	<b>Asst. Prof. Dr. Nitisha V. Patankar</b>
<b>COMMITTEE MEMBERS</b>	<b>Asst. Prof. Dr. M. R. Chavhan</b> <b>Asst. Prof. Sagar Yadav</b>
<b>NUMBER OF STUDENTS/ BENEFICIARIES PARTICIPATED</b>	<b>The entire students of Bachelor of Science</b>
<b>BRIEF REPORT</b>	The "Eco-Club" of our Institution took initiative to ensure fruitful utilization of agricultural waste from the market yard of Bhiwapur city through our Vermicomposting Unit to produce nutrient rich organic manure and its supply within and outside the Institute for the purposes of



plantation and farming. This was one of our Institute's Flagship Programmes in consonance with our **Go Green Campus Initiative**. To mobilize the same, Asst. Prof. Dr. Nitisha Patankar, paid visit to Dnyanesh Mahavidyalaya, Navargaon (Dist: Chandrapur), wherein the UGC sponsored Project on Vermicomposting was undergoing. The information thus gathered from the visit, motivated the entire team of our "Eco-Club" Unit to sketch the outline of the Vermicomposting Unit to be set in the premises of our Institution. The Committee reserved the rear side of the Women's Hostel building to establish the said Unit. Accordingly, the vermicomposting raw materials in the form of bio-waste were collected.

A large amount of agro waste (biodegradable) in the form of dry leaves of crops and trees, husk, soybean and cotton residues, vegetable wastes, weed (*Parthenium*), residue of *Shingada* (water chestnut), trash and waste generated from chilly market along with decomposable organic wastes such as animal excreta, kitchen waste from canteen, farm residues and forest litter were used to generate vermicomposting. Animal dung mostly cow dung, poultry residue and dried chopped crop residues and mixture of leguminous and non-leguminous crop residues were used to enrich the quality of vermicomposting.

Out of 350 species of Earthworms in India, with various food and burrowing habits, *Eisenia fetida*, *Eudrilus eugeniae* and *Perionyx excavates* species were reared to convert organic wastes into manure.





<p><b>PROGRAMME OBJECTIVES</b></p>	<ul style="list-style-type: none"> <li>• To identify the stakeholders to outsource the manure produced by our Vermicomposting Unit for generating fund.</li> <li>• To create awareness among farmers about the benefits of organic manure.</li> <li>• To introduce the cheaper option of organic manure for farmers to use in their agricultural fields.</li> <li>• To materialize the concept of producing the “Best out of Waste”.</li> <li>• To promote our ‘Go Green Campus Initiative’.</li> <li>• To register the contribution of our Institution through our “Eco-Club” in balancing the Eco-system.</li> <li>• To channelize Government’s efforts in promoting organic farming.</li> <li>• To provide Consultancy Services to the farmers of Bhiwapur and its adjacent areas regarding organic farming and the production of Vermicomposting.</li> <li>• To make the Project as one of the Best Practices of our Institute in view of the ensuing Re-Accreditation of our Institution by NAAC.</li> <li>• To ensure the holistic development of our students.</li> <li>• To make our students and staff aware of the Institutional Social Responsibilities.</li> </ul>
<p><b>PROGRAMME OUTCOMES</b></p>	<ul style="list-style-type: none"> <li>• Identified the stakeholders to outsource the manure produced by our Vermicomposting Unit for generating fund.</li> <li>• Created awareness among farmers about the benefits of organic manure.</li> <li>• Introduced the cheaper option of organic manure for</li> </ul>



farmers to use in their agricultural fields.

- Materialized the concept of producing the “Best out of Waste”.
- Promoted our ‘Go Green Campus Initiative’.
- Registered the contribution of our Institution through our “Eco-Club” in balancing the Eco-system.
- Channelized Government’s efforts in promoting organic farming.
- Provided Consultancy Services to the farmers of Bhiwapur and its adjacent areas regarding organic farming and the production of Vermicomposting.
- Made the Project as one of the Best Practices of our Institute in view of the ensuing Re-Accreditation of our Institution by NAAC.
- Ensured the holistic development of our students.
- Made our students and staff aware of the Institutional Social Responsibilities.

**PHOTO GALLERY  
WITH CAPTIONS**



**Specimen photo of Eisenia Fetida, one of the species of Earthworm, used in the Vermicomposting Production Unit**







**Chart showing the different stages of Vermicomposting Production process is displayed for creating awareness among our students.**



**Glimpses of the site of UGC sponsored Vermicomposting Unit established by Dnyanesh Mahavidyalaya, Navargaon**





**Proposed site for establishing Vermicomposting Unit  
in our Institution**







**Glimpses of agricultural waste used for Vermicomposting Production**



*[Handwritten Signature]*

Principal  
Bhiwapur Mahavidyalaya,  
Bhiwapur