



Rayat Shikshan Sanstha's

Dr. Patangrao Kadam Mahavidyalaya Ramanadnagar (Burli)



Department of Zoology

Short Term Course on Vermicomposting

2024-25

REPORT

Department of Zoology has conducted the three month certificate course of "Vermicomposting". Now a days chemical fertilizers and pesticides are creating many problems such as decreasing fertility of soil and ultimately affecting on soil microfauna. To overcome these problems there is great need of vermicomposting. To solve the problem of salinity and infertility of soil up to certain extent, department of zoology has started the certificate course in vermicomposting for of B. Sc. III students. Department of Zoology has established vermicomposting unit in college campus. Two vermicomposting beds having size 15X4X3. We have introduced the species of earthworm *Esinia foetida*. The course includes study of earthworm species, production of vermicompost and vermiwash. The vermicompost beds were maintained properly by watering and other management. The objectives of this course are to provide the students to understand the detailed knowledge of vermicomposting, vermiwash, maintenance of beds, proper supply of organic matter etc. The vermicompost produced was used in college garden for healthy growth of plants. This course was conducted during the **18th August 2024 to 25th November 2024.**

During this period the lectures and practical were conducted by faculties. During this course the students get knowledge about the vermicompost. Students were sincerely attended and get hands on training of preparation of beds. In this course the every resource person inculcate the awareness about the vermicomposting,

vermiwash, different species of earthworms, their role in increasing fertility of soil etc. Students getting the ideas and they will be involve in establishment of vermicompost beds in their native areas and also they aware the society for the use of vermicompost, vermiwash etc.



Esinia foetida



Harvesting of vermicompost of solid waste

Burli



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