

UGC-SAP SPONSORED ONE DAY WORKSHOP ON



VERMICOMPOSTING BIOTECHNOLOGY:

AN IMPROVED TECHNIQUE FOR INSTITUTIONAL WASTE MANAGEMENT

Date
8 SEPTEMBER, 2018



Venue
Room No. 99
University College of Science
MLSU, Udaipur

A free hands on training under Green Campus Clean Campus campaign of Department of Zoology

ABOUT THE WORKSHOP

Vermitechnology is an age old technology but it is now being revived worldwide with diverse ecological aspects like solid waste management, soil detoxification and sustainable agriculture. Scientific data have established the validity of using earthworm as one of the important treatment technique for solid waste management besides producing vermiwash and organic fertilizer. In India, where a lot of solid waste is available in different sectors with no dearth of manpower, the environmentally acceptable vermicomposting biotechnology using earthworms can very well be adopted for converting institutional waste into wealth. Vermi-composting has been used as an effective tool for organic waste management in many communities and geographical areas which are largely agro-based

Looking to these benefits, the Department of Zoology has become the first department to initiate this program in order to manage its waste through vermicomposting biotechnology. We are using this technique for almost two years and producing 1-2 tons compost in three months which are distributed in various departments in the University. The main aim of this technology is to create a clean hygienic environment free of garbage for the department. After successful establishment of the unit, we are organizing this workshop to disseminate this eco-friendly knowledge to all so that Institutional Waste can be managed in an effective manner.

PROGRAMME SCHEDULE

	TIME
INAUGURATION	10:30-11:30 AM
TEA	11:30-12:00 AM
LECTURE I : Hybrid Composting: A way to sustainability (Prof. Rajesh Dubey, Director NRC, MLSU, Udaipur)	12:00-12:30 PM
LECTURE II : Introduction to Vermitechnology as an Efficient tool for Solid Waste Management (Prof. S.K. Sharma, MPUAT, Udaipur)	12:30-1:00 PM
LECTURE III : Tools and Techniques of Vermicomposting Biotechnology (Prof. Arti Prasad)	1:00-1:20 PM
LECTURE IV : Vermicompost Unit (Department Of Zoology) A Model for Solid Waste Management under Green Campus and Clean Campus Programme (Dr. Girima Nagda)	1:20-1:40 PM
LUNCH :	1:40-2:30 PM
PRACTICAL : Hands on Training from Unit installation to compost harvesting	2:30-4:30 PM
VALEDICTORY	4:30 PM onwards



Organised by
Laboratory of Medical Arthropodology (LOMA)
DEPARTMENT OF ZOOLOGY
University College of Science, MLSU, Udaipur



We feel highly thankful to our Hon'ble Vice Chancellor **Prof. J.P. Sharma Sir** for his constant motivation and encouragement towards Green Campus Clean Campus Abhiyaan.

INAUGURAL

Chief Patron

Prof. J.P. Sharma

Hon'ble Vice-Chancellor, MLSU

Patron

Prof. B.L. Ahuja

*Dean, University College of Science,
Udaipur*

Chief Guest

Prof. Uma Shankar Sharma

Hon'ble Vice-Chancellor, MPUAT, Udaipur

Guest of Honor

Prof. G. Soral

Dean, Post-Graduate Studies, MLSU

Special Guest

Prof. Rajesh Dubey

Director, NRC

(Under Ministry of Human Resource Development, Govt. of India)

Head & Course Director

*Department of Biotechnology and Microbiology
MLSU, Udaipur*

Organizing Secretary

Prof. Arti Prasad

Head, Department of Zoology, MLSU

VALEDICTORY

Patron

Prof. B.L. Ahuja

*Dean, University College of Science,
Udaipur*

Chief Guest

Prof. M.S. Sharma

*Ex Vice-Chancellor
Kota University, Kota*

Organizing Secretary

Prof. Arti Prasad

Head, Department of Zoology, MLSU

ORGANIZING COMMITTEE

- Prof. Arti Prasad
- Dr. Ragini Sharma
- Dr. Preeti Singh
- Dr. Vijay Kumar Koli
- Sh. Asha Ram Meena
- Dr. Deepak Rawal
- Dr. Girima Nagda
- Dr. Devendra Kumar
- Mr. Rajesh Sharma
- Mr. Bheru Singh
- Smt. Pinki Chittora
- Mr. Bheru Singh Kitawat
- Mr. Ghanshyam Sen

All the Heads of the departments are requested to depute two faculty members to attend the workshop.

Registration details : Faculties can register their names till 6 September, 2018 to the following:

Dr. Girima Nagda: girima.nagda@gmail.com; & zoology@mlsu.ac.in

Contact No. - Prof. Arti Prasad 9001392724 & Dr. Girima Nagda - 9461871527.

This workshop is free of cost for MLSU staff members (only two from each department).

NOTE - Other interested MLSU faculties and from outside MLSU need to get themselves registered for the workshop by paying the registration fee of Rs. 500/-



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