



5-Day Training Program on Composting and Vermicomposting for Sustainable Organic Waste Management

(Offline/Online)

July 27th to 31st, 2026



ORGANIZED BY

DEPARTMENT OF ENVIRONMENTAL SCIENCE



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About Babasaheb Bhimrao Ambedkar University, Lucknow

Babasaheb Bhimrao Ambedkar University (BBAU) in Lucknow, Uttar Pradesh, is a prestigious central university established in 1996 and named after the architect of the Indian Constitution, Dr. Bhimrao Ambedkar. Dedicated to promoting academic excellence, social justice, and research innovation, the university offers a wide range of undergraduate, postgraduate, and doctoral programs across key disciplines, including social sciences, humanities, law, science, and management. Its expansive 250-acre campus is well-equipped with modern facilities such as advanced research labs, extensive libraries, contemporary classrooms, and sports amenities. BBAU places a strong emphasis on inclusivity, actively providing quality education to students from diverse and marginalized backgrounds. The institution maintains a lively academic environment by hosting numerous cultural, academic, and sports events, promoting the overall development of its students. With admissions based on entrance exams, BBAU stands as a key educational hub focused on delivering quality education and social responsibility.

About the Department

Department of Environmental Science is working as interdisciplinary center to learn and disseminate the knowledge in various aspects of environmental by offering M.Sc. and Ph.D. degree to students. Department of Environmental Science is having well experienced faculties and well-equipped laboratories. There is special emphasis on research and development in core areas of environmental studies such as climate change, environmental Impact Assessment, Toxicology, Bioremediation, Bio-energy, Environmental Biotechnology and Microbiology, Microbial Ecology, Natural Resource Management, Solid Waste Management, water and wastewater treatment etc. The Course curriculum is designed with the help of experts from academia and industries to train the manpower required for working in the field of environmental sciences. The Department of Environmental Science is also having research projects funded by DBT, DST, CSIR, Science & Technology, UP. The Department came into existence in 1997 under the School of Earth & Environmental Science (SEES). These programmes provide students with a high-quality environmental education that includes experience with research and field training.

About the Training Program

Rapid urbanization and increasing population have resulted in a significant rise in organic waste generation. Improper disposal of biodegradable waste leads to environmental pollution, greenhouse gas emission, and public health concerns. Composting and vermicomposting are an environmentally friendly method that converts organic waste into nutrient rich manure, improving soil fertility and supporting sustainable agriculture.

Capacity building and awareness programs are essential to promote these practices among farmers, students, urban households; NGO's and waste management workers. This training program aims to provide both theoretical knowledge and hands-on experience in composting and vermicomposting techniques.

Objectives

The main objectives of the training program are:

1. To build awareness about sustainable organic waste management.
2. To provide practical knowledge of composting and vermicomposting techniques.
3. To train participants in establishing and managing composting units.
4. To promote organic farming and soil health improvement.
5. To encourage entrepreneurship in organic manure production.

Training Methodology

The program will include:

1. Expert lectures
2. Demonstrations
3. Practical hands-on training
4. Field visit to compost/vermicomposting units
5. Group discussion and interaction sessions
6. Assessment

Target Participants

1. Faculty/ Scientist/Post Doc.
2. Research Scholar
3. Self-Help Groups (SHGs)
4. Students (UG/PG) and researchers
5. NGO representatives
6. Urban households and waste management workers
7. Farmers

Total Seats - 50

Duration and Venue

Duration: 5 days

Venue: SEES conference hall/ DES Lecture hall, BBAU, Lucknow

Expected Outcomes

1. Participants will gain practical knowledge of composting techniques
2. Increased adoption of composting and vermicomposting practices
3. Development of small- scale organic manure enterprises.
4. Reduction of organic waste sent to landfills.

Registration Fee

For Offline mode: Rs. 3000/

For Online mode: Rs. 1500/

Registration link: <https://forms.gle/pdQunVCicHhGVQSDA>

Payment link: <https://erp.eshiksa.net/DirectFeesv3/BBAU>

Important Dates

Dates: July 27th to 31st, 2026

Last date for the submission of registration form: **20th July, 2026**

Certificate Collection: 31st July, 2026

Organizing Committee

Professor Naveen Kumar Arora, Department of Environmental Science (DES)

Professor Narendra Kumar, DES & Head, Department of Geology

Dr N.K. More, Associate Professor, DES

Dr. Rajesh Singh, Associate Professor, DES

Dr. Shailendra Kumar Yadav, Assistant Professor, DES

Mrs. Pooja Adwani, Research Scholar, DES

Ms. Roshni Bajaj, Research Scholar, DES

Mr. Gaurav Routela, Research Scholar, DES

Ms. Deepika Mishra, Research Scholar, DES

Conclusion

The proposed training program will help build the capacity of participants in managing organic waste through composting and vermicomposting. The program will contribute to sustainable waste management, improved soil health, and promotion of organic agriculture/organic farming.

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