



Madhya Pradesh Bhoj Open University, Bhopal
Raja Bhoj Marg, Kolar Road, Bhopal-462016

Raja Bhoj Eco development Centre

URL of Environment policy: <http://mpbou.edu.in/ciqa/ep.pdf>

A waste management plan for the University


- 1. Waste characterization:** The types and quantities of waste generated within the University shall be characterized. This would help identify areas of waste production and help target resources to improve waste management practices.
- 2. Waste reduction:** The waste reduction section will outline the strategies that the university will implement to reduce waste production. Strategies include minimizing the use of paper products, reducing food waste as well as the reduction of packaging waste. Staff and students should be encouraged to participate in moving towards zero waste.
- 3. Source separation:** Source separation involves placing bins to segregate waste into different categories, such as compostable waste, non-recyclable waste, and recyclables like plastics, papers, and metal. The waste separation system should have clear labelling on bins to help encourage appropriate waste disposal.
- 4. Collection and Transport:** This aspect will cover the transport of the waste from generation points to temporary storage locations and the eventual transportation of the waste to the recycling center or landfill. Regular collection and recycling using licensed haulers ensure the proper disposal of waste, and further sorting of the separated waste shall be adopted.
- 5. Education and awareness:** The University should establish programs to raise awareness and encourage proper waste disposal. Training and education campaigns on waste separation methods and signs promoting zero waste and waste reduction activities should be taken up by the University.
- 6. Hazardous waste:** Hazardous waste is usually from laboratories, art and photography studios, and workshops. These shall be collected, stored, and disposed of appropriately. E-waste or electronic waste such as old computers, laptops, printers, and mobile phones

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necessitates special attention while being disposed of. The following strategies shall be adopted while dealing with e-waste.

- a. **Recycling:** Recycling e-waste is an environmentally friendly way to dispose of electronic devices. Recycling companies specializing in e-recycling use technology designed to separate valuable components from electronic devices and process them to produce clean raw materials to be used for new devices.
- b. **Donating:** The university can participate in donation programs and give out their e-waste to organizations in need. However, caution is necessary when donating to ensure data privacy by wiping the electronic device clean of any valuable information.
- c. **Refurbishing and Reselling:** Old electronic devices can be refurbished and resold for a fraction of the purchase price, economically benefiting students by buying a cheaper device while reducing e-waste. Engaging with agent companies to obtain old devices to be refurbished and resold ensures the need for environmental compliance.
- d. **Collection Programs:** The University can initiate programs such as electronic take-back programs in which staff can submit their old electronic devices at designated collection points on the campus.

7. Performance monitoring: There shall be a monitoring mechanism to track the functioning of the waste management plan.

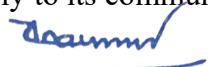

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Waste management protocol for the University

Waste management is an essential aspect of sustainability. The following points can be imbibed in spirit for effective waste management at the University.

1. Develop a waste management plan: To develop a waste management plan that outlines the management of waste from its collection, transportation, storage, treatment, disposal, and recycling. The plan should prioritize reducing waste and promoting recycling wherever possible.
2. Create waste collection points: To create waste collection mechanisms within campus premises. Waste collection bins should be labelled with the type of waste that can be disposed of in them.
3. Encourage waste reduction: Universities should encourage staff and students to reduce waste production by reducing the use of disposable items such as cups and plates. They should promote the use of reusable containers, bottles, and bags.
4. Promote segregation of waste: Creating awareness to promote the segregation of waste into categories such as dry waste, wet waste, hazardous waste, and electronic waste. Segregation of garbage helps reduce waste that ends up in landfills, promotes the recycling of waste, and ensures that hazardous waste is treated appropriately.
5. Reduce the amount of hazardous waste: Strive to reduce the amount of hazardous waste produced by using safer chemicals and materials. They should also ensure that hazardous waste is disposed of appropriately through licensed contractors.
6. Engage in recycling and waste-reduction initiatives: To engage in initiatives that promote recycling, such as holding recycling drives and establishing partnerships with local recycling centers. Waste-reduction initiatives such as composting and recycling rainwater shall also be adopted.
7. Educate staff and students: To educate staff and students on the importance of waste management and recycling. Regular awareness campaigns, training, and information on waste management practices shall be conducted.

Following the above protocol will ensure that the university manages its waste effectively, promote environmental sustainability, and contribute positively to its communities.


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Notice for segregating liquid and dry wastes.

This cell has been working continuously. Intensive forestation, seminars, workshops, conferences related to biodiversity conservation, climate change awareness

Dear Residents of the University Campus,

We would like to remind you of the importance of proper waste segregation, specifically solid and liquid waste. As responsible citizens of this university, we all have a role in keeping our campus clean and promoting sustainability.

We appeal to you to cooperate in the system of waste segregation on our campus. This system aims to reduce the amount of waste that ends up in landfills, promote proper recycling, and improve the overall cleanliness of our environment.

Here are the guidelines for solid and liquid waste segregation:

1. Solid Waste: Dry and non-biodegradable waste such as plastics, paper, metal, and glass should be put in a separate bin labelled "Dry Waste." Please ensure that food waste or any moist waste is not mixed with dry litter.
2. Liquid Waste: All forms of liquid waste, such as dirty water, used oil, and hazardous chemicals, should be stored in separate containers labelled "Liquid Waste."
3. E-waste: Any electronic waste, such as computers and mobile phones, may be handed over to the concerned person and stored in the designated storage space.

We request all residents to strictly comply with this order, failure to which may result in warnings, fines, or disciplinary actions.

We hope that everyone will do their part in maintaining the cleanliness of our campus and promoting sustainable practices. Thank you for your cooperation and support in this initiative.

Sincerely,
University Engineer


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Memorandum of Understanding
Between
M.P. Bhoj (Open) University, Bhopal
And
Environmental Planning and Coordination Organization (EPCO), Bhopal


This Memorandum of Understanding is made and signed on between **M.P. Bhoj (Open) University** (hereinafter referred as MPBOU) through its Registrar, having its Headquarter at **Raja Bhoj Marg (Kolar Road), Bhopal (M.P.), India** which expression shall include its authorized representative of **first party** and **Environmental Planning Coordination and Organization** through its Executive Director, having its Headquarter at **Paryavaran Parisar, E-5, Arera Colony, Bhopal** which expression shall include its authorized representative as **second party** with respect to collaborative activities for research, faculty exchange, student exchange from the University.

Here-in-after individually referred as the "first party" and the "second party", and collectively referred as parties, this MOU is restrictively meant only for academic and research purposes.

CO-OPERATION

Both parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective academic operations. The parties shall keep each other informed of potential opportunities and share all information that may be relevant to secure additional opportunities for one another.




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The co-operation between both the parties will facilitate effective utilization of the intellectual capabilities of the either party providing significant inputs to them in developing suitable teaching/ training systems, keeping in mind the needs of the either party.

PURPOSE OF MOU


Whereas, both the parties shall evolve a mutually acceptable schedule to develop programs, hold seminars and exchange visits.

The said academic interaction and intellectual cooperation may include-

- i. Cooperation between parties regarding NEP 2020, such as discussion, finding possibilities, and implementation in universities of Madhya Pradesh.
- ii. Faculty/staff development and exchange;
- iii. Exchange of students;
- iv. Seminars, research, conferences and workshops;
- v. Collaborations in the sharing of academic data, research information, intellectual property, articles and publications;
- vi. Advice policies, programs, placements and execute training
- vii. Joint project to collaborative activities for research;
- viii. Sharing Expertise for development of curriculum of Existing and New Courses of either parties.

SCOPE OF MOU

Both parties believe that close co-operation between the two would be a major benefit to the student community to enhance their skills and knowledge.


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The scope of this MOU extends to (a) running innovative courses by either party in collaboration with other; (b) for joint research; (c) for preparing e-content; (d) for joint degree/diploma programme and (e) for any other academic purposes.

PERIOD OF VALIDITY

This MOU shall be initially valid for the period of **five years** from the date of signing this MOU and to be renewed subsequently by mutual consent of both the parties. Both Parties are free to terminate this MOU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations.

FORCE MAJEURE

If at any time during the course of the MoU it becomes impossible for either Party to perform any or all of their obligations for reasons of Force Majeure which shall be defined as "acts of nature, invasion or acts of God or events beyond the reasonable control of either Party, any act of war, invasion, armed conflict, etc.", the Parties shall consult on the appropriate action to be taken, which may include suspension or cancellation of the Projector relief to the party from such obligations as long as Force Majeure persists

BREACH OF MOU CLAUSES

In case of breach of any clause of this MOU both the parties shall have the right to terminate the agreement by giving one month notice.



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AMENDMENT TO THE MOU

However, during the operations of the MOU, circumstances may arise, which may call for alteration or modification of this MOU. These modifications/alternations will be mutually discussed and agreed upon in writing and would be treated as a part of the original MOU.


ARBITRATION


Any dispute arising with regard to any aspect of this MOU shall be referred to a sole Arbitrator to be appointed by the Vice-Chancellor of both the parties. The venue for Arbitration shall be decided by the sole Arbitrator so appointed.

In addition to this, the Terms and Conditions of this MOU will be governed as per UGC norms.

AGREED

On Date :

For MPBOU (First Party)	For ED, EPCO (Second Party)
<p>Dr. LS Solanki Registrar M.P. Bhoj (Open) University Raja Bhoj Marg (Kolar Road) Bhopal - 462 016 (M.P.) India Tel.No. 0755-2492093</p>	<p> Lokendra Thakkar Principal, EIES. Coordinator, SKMCCC & Officer Incharge, SWA.</p> <p><i>Principal EPCO Institute of Environmental Studies Paryavaran Parisar, E-5 Arera Colony, Bhopal</i></p>


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