



DR. BHIMRAO AMBEDKAR UNIVERSITY, AGRA

(Formerly Agra University, Agra)

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Report on Sustainable Development Goal 12



SDG 12 RESPONSIBLE CONSUMPTION AND PRODUCTION

Ensure sustainable consumption
and production patterns

SDG-12: Responsible Consumption and Production

Dr. Bhimrao Ambedkar University (DBRAU) integrates sustainability into its values and day-to-day functions as part of its commitment to advancing Sustainable Development Goal (SDG) 12: Responsible Consumption and Production. “The university promotes sustainable practices on its campus by reducing waste and optimizing the use of energy and other resources”. DBRAU promotes the innovation and awareness of its students and faculty through its research and academic programs, enabling individuals to develop ideas for the sustainable use of production and consumption. Automatic systems are in place to manage the use of energy and water. The campus's extensive landscaping and plantation aid in the clean and green initiative and in reducing the summer's reliance on the use of air conditioning. Certain individuals, members of the university's community, are encouraged to use tools, lights, fans, and Air conditioning in a controlled (or careful) manner. Additionally, the use of laboratories at the university, in conjunction with the generation of biogas and solar energy and the use of Sewage Treatment Plants (STPs) creates a sustainable environment and a responsible use of resources across the university.

12.1 Research on Responsible Consumption and Production

The University carries out cutting-edge research to guarantee the sustainable management of energy, water, and waste resources in accordance with Sustainable Development Goal (SDG) 12. To improve water quality and accessibility, important projects include the creation of cutting-edge water purification technology and affordable wastewater treatment systems. To maximize water use in both urban and agricultural settings, researchers concentrate on creating sustainable irrigation techniques and effective water recycling systems. The University promotes sustainable development and resilience in the management of water resources by working with government agencies, businesses, and international organizations to develop innovative solutions to problems pertaining to water scarcity, pollution, and sanitation.

Researchers and faculty members regularly publish their findings in peer-reviewed journals, demonstrating creative solutions to problems related to water and sanitation. These papers focus on vital themes such as innovative water purification technologies, wastewater treatment, rainfall harvesting, groundwater management, and the effects of climate change on water resources.

S. No.	Paper Title	Author	Journal/ Book Name	Year	Cite Score	FWCI	DOI
1.	Inherent Roadmap in Synthesis and Applications of Sustainable Materials	Jimmy Mehta, Kashish Gupta, Shilpi	Materials Today Sustainability	2024	8.4	-	https://doi.org/10.1016/j.mtsust.2023.

	using Oil Based and Microbial Polymers	Lavania, Prabhanshu Kumar, Vijay Chaudhary, Pallav Gupta					100615
2.	Assessment of bio-medical waste management in three apex Government hospitals of Agra	Sharma S., Chauhan S.V.S	Journal of Environmental Biology	2008	34	0.42	https://pubmed.ncbi.nlm.nih.gov/18831366/
3.	Revealing the shielding effect of vetiver (Chrysopogon zizanioides) essential oil and their possible use in cosmeceuticals	Shrivastava R., Agnihotri R.K.	Medicinal Plants	2024	0.8	-	https://doi.org/10.5958/0975-6892.2024.0004.2
4.	Performance evaluation of the effect of tilt angle on a grid connected photovoltaic powerplant using PVsyst	Vikas Kumar Rajput, AS Mathur & BP Singh	Discover Electronics	2026	4.19	011	https://doi.org/10.1007/s44291-026-00200-3
5.	Li-ion Batteries: Fundamentals and Recent Developments	Purushottam Kumar, B.P. Singh	International Research Journal of Engineering and Technology	2024	8.31	0.27	https://doi.org/10.1109/MIE.2016.2515040
6.	Study of thermal effects and management in lithium batteries for electric vehicles	Purushottam Kumar, Prateek Arora, B. P. Singh	Advances in applied Research	2026	3	0.11	https://doi.org/10.5958/2349-2104.2025.00011

7.	Seasonal variation in metals concentration associated with settled dust and their risk assessment in school children of Agra (India)	Dubey S.; John R.; Singh M.; Khare P.; Taneja A.	Environmental Advances	2024	13	0.27	https://doi.org/10.1016/j.envadv.2023.100480
8.	Recent advances on semiconducting nanomaterials-ferroelectric liquid crystals nanocomposites	Kumar A., Priyam, Meena H., Prakash J., Wang L., Singh G.	Journal of Physics Condensed Matter	2022	41	0.27	https://doi.org/10.1088/1361-648X/ac2ace
9.	Tea and Human Health: The Dark Shadows	A. Jain, C. Manghani, S. Kohli, D. Nigam, V. Rani	Toxicology Letters	2013	64	2.8	https://doi.org/10.1016/j.toxlet.2013.04.010
10.	Environmental Toxic Metals in Placenta and Their Effects on Preterm Delivery – Current Opinion	L. Singh, M. Anand, S. Singh, A. Taneja	Drug and Chemical Toxicology	2020	39	1.3	https://doi.org/10.1080/01480545.2018.1515216
11.	The 10th INCHES Conference: Environmental Exposure to Organochlorine Pesticides and Pre-term Births	M. Anand, A. Taneja	Journal of Health and Pollution	2021	1	-	https://doi.org/10.5696/2156-9614-11.31.S1
12.	Environmental Factors Prediction in Preterm Birth Using Comparison Between Logistic	R.K. Saroj, M. Anand	Social Sciences and Humanities Open	2021	10	0.13	https://doi.org/10.1016/j.ssaho.2021.100216

	Regression and Decision Tree Methods: An Exploratory Analysis						
13.	Study of healthcare waste generated by government healthcare units in Agra	A. Khajuria, A. Kumar	Indian Journal of Environmental Protection	2007	1	-	https://www.scopus.com/pages/publications/35148875084?origin=resultlist
14.	Budget Aware Load Balancing Algorithm with Strict Deadline Constraints for Efficient Resource Utilization in Fog and Edge Environments (Indirectly related)	Deepak, M. K. Upadhyay, M. Alam	Lecture Notes in Networks and Systems	2026	1	-	https://doi.org/10.1007/978-3-032-07275-7_11
15.	Direct effect of boron and zinc on productivity, quality and nutrient uptake by Indian mustard (Brassica juncea) and their residual effect on succeeding pearl millet (Pennisetum glaucum) in mustard-pearl millet crop sequence	Pandey M., Singh S., Singh U.N.	Indian Journal of Agricultural Sciences	2018	2	0.11	https://doi.org/10.56093/ijas.v88i10.84239
16.	Fine structure of diffused pseudobranchial neurosecretory cells associated with carotid labyrinth in an air-breathing catfish Clarias	Sengar M., Yadav L., Gopesh A., Zaccone D., Lauriano E.R., Capillo	Acta Zoologica	2018	3	0.12	https://doi.org/10.1111/azo.12100

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17.	Entrepreneurial behavior of potato growers and constraints faced by farmers in production and marketing of potato and their suggestion	Gurjar R.S., Gour C.L., Dwivedi D., Badodiya S.K.	Plant Archives	2017	3	0.11	https://www.scopus.com/pages/publications/85019578147?origin=resultslist
18.	Chemical characterization and health risk assessment of soil and airborne particulates metals and metalloids in populated semiarid region, Agra, India	Parveen R.; Saini R.; Taneja A.	Environmental Geochemistry and Health	2018	23	0.23	https://doi.org/10.1007/s10653-016-9822-4
19.	Indoor–outdoor association of particulate matter and bounded elemental composition within coarse, quasi-accumulation and quasi-ultrafine ranges in residential areas of northern India	Rekha H.; Tiwari R.; Khare P.; Taneja A.	Science of the Total Environment	2018	46	0.87	https://doi.org/10.1016/j.scitotenv.2018.03.095
20.	Microbial inoculants: application in the management of metal stress	Priya R., Rath P., Sharma D., Suratramka A., Bhardwaj L.K	Microbial Inoculants: Soil Dynamics and Nutrient Bioavailability	2025	3	0.14	https://doi.org/10.1016/B978-0-443-23560-3.00007-3
21.	Anticonvulsant activity of leaf extracts of albizia lebbeck linn in	Neeti S., Sarla S., Vijay J.,	International Journal of Pharmaceutica	2016	5	0.18	https://www.scopus.com/pages/public

	experimental rats	Tiwari Brijesh K.	I Sciences Review and Research				ations/85018 206826?orig in=resultslist
22.	A critical review of opportunities, challenges and environmental assessment in global bioenergy production	Tiwari R., Botle A., Dubey S., Singh P.P.	Journal of the Iranian Chemical Society	2026	1	-	https://doi.org/10.1007/s13738-025-03321-w
23.	Trace Element Concentration in Fine Particulate Matter (PM2.5) and Their Bioavailability in Different Microenvironments in Agra, India: A Case Study	Varshney P.; Saini R.; Taneja A.	Environmental Geochemistry and Health	2016	41	0.34	https://doi.org/10.1007/s10653-015-9745-5
24.	Exposure Profiles of Mercury in Human Hair at a Terai Belt of North India	Masih A.; Taneja A.; Singhvi R.	Environmental Geochemistry and Health	2016	20	0.18	https://doi.org/10.1007/s10653-015-9698-8
25.	Effect of nanoclay on dispersion, thermal stability, optical and burning behavior of sulfonated poly (1,4-phenylene ether ether sulfone)–nanoclay blends	Chhonkar A., Sangeeta, Jaiswar G.	International Journal of Plastics Technology	2018	6	0.13	https://doi.org/10.1007/s12588-018-9221-z
26.	Exposure from particle and ionic contamination to children in schools of India	Habil M., Massey D.D., Taneja A.	Atmospheric Pollution Research	2015	27	0.79	https://doi.org/10.5094/APR.2015.080

27.	Device Modelling of ITIC-OE Organic Solar Cell by High Band Gap Carbon Nanotubes as Transparent Conductive Electrode	Bharti Sharma, Mathur A.S., Sharma G., Sharma S., Singh B.P.	Applied Solar Energy (English translation of Geliotekhnika)	2025	1	-	https://doi.org/10.3103/S0003701X25600468
28.	Exposure of children studying in schools of India to PM levels and metal contamination: Sources and their identification	Habil M., Massey D.D., Taneja A.	Air Quality, Atmosphere and Health	2013	86	0.91	https://doi.org/10.1007/s11869-013-0201-3
29.	Antioxidant and toxicological evaluation of cassia sopherain streptozotocin-induced diabetic wistar rats	Singh R., Bhardwaj P., Sharma P.	Pharmacognosy Research	2013	32	0.36	https://doi.org/10.4103/0974-8490.118767
30.	Preliminary study of the antioxidant properties of flowers and roots of <i>Pyrostegia venusta</i> (Ker Gawl) Miers	Roy P., Amdekar S., Kumar A., Singh V.	BMC Complementary and Alternative Medicine	2011	78	0.54	https://doi.org/10.1186/1472-6882-11-69
31.	Particulate matter exposure in hospitals of urban city located in Northern Central India	Verma N., Taneja A.	Indian Journal of Environmental Protection	2011	8	0.31	https://www.scopus.com/pages/publications/80054117479?origin=resultlist
32.	Seasonal air quality profile of inorganic ionic composition of PM10	Singh R., Sharma B.S.,	Environmental Monitoring and	2010	17	0.51	https://doi.org/10.1007/s10661-009-

	near Taj Mahal in Agra, India	Chalka S.N.	Assessment				1103-6
33.	A theoretical approach for activation of a pro-drug by its conjugate and its localization in cancer chemotherapy	Jain M., Sharma G.C., Singh A.	Mathematical and Computer Modelling	2009	2	0.11	https://doi.org/10.1016/j.mcm.2009.02.014
34.	Mental Health Strategies for Managing Diabetic Neuropathy	Pramanik S., Yadav M.K., Patel D., Shrivastava A., Saxena N., Negi S.S.	Antioxidants and Functional Foods for Diabetic Neuropathy	2026	1	-	https://doi.org/10.1007/978-981-95-9326-2_20
35.	Health Concerns and Issues Associated with Toxic Heavy Metals	Botle A., Salgaonkar S., Barabde G., Tiwari R.	Health Concerns, and Modelling	2025	5	0.14	https://doi.org/10.1007/978-3-031-89725-2_7
36.	Heavy Metal Pollution in River Ulhas, Maharashtra, India: Unraveling Contamination Dynamics Through Pollution Indices, Multivariate Analysis, and Health Risk Assessment	Botle A., Salgaonkar S., Tiwari R., Barabde G.	International Journal of Environmental Research	2025	11	0.23	https://doi.org/10.1007/s41742-025-00754-2
37.	Genetic susceptibility to retinoblastoma: A meta-analysis of single-nucleotide polymorphisms across global populations	Gupta S., Das D., Nandyala S., Roy T.K., Tiwari U.	Journal of Cancer Research and Therapeutics	2025	1	-	https://doi.org/10.4103/jcrt.jcrt_456_25
38.	Chemical Fraction and Health Effect of Size	Tiwari R., Botle A.,	Pollution	2023	3	0.11	https://doi.org/10.22059/

	Segregate PM at National Highway of Northern India	Rajouriya K., Singh P.P., Taneja A.					poll.2023.36 0350.1946
39.	Estimation of human airway deposition of size-segregated particulate and their health impact in monsoon and post-monsoon season in semi-urban area of northern India	Shikha, Taneja A.	Atmospheric Pollution Research	2025	8	0.17	https://doi.org/10.1016/j.apr.2024.102343
40.	Exposure Assessment of Size Segregated PM and Associated Respirable Deposition Dose in Residential Sites Near National Highway in Northern India	Shikha, Kumar V., Singh A., Taneja A.	Water, Air, and Soil Pollution	2025	3	0.15	https://doi.org/10.1007/s11270-025-08314-2
41.	The optimization of the regional distribution of covid-19 vaccinations, taking into account logistical and quality concerns	Gupta S., Srivastava R.K.	Journal of Physics: Conference Series	2024	1	-	https://doi.org/10.1088/1742-6596/2844/1/012001
42.	Evaluation of nematicidal potential of neem sawdust against Meloidogyne arenaria on eggplant	Ali A., Singh K.	Plant Science Today	2021	1	-	https://doi.org/10.14719/pst.1485
43.	Molecular docking and physicochemical studies of 1,3-benzodioxole tagged Dacarbazine	Kharb S., Yadav S., Singh A., Sarkar A.,	Artificial Cells, Nanomedicine and	2023	14	0.54	https://doi.org/10.1080/21691401.2023.2253470

	derivatives as an anticancer agent	Tomar R.	Biotechnology				
44.	Development and physicochemical analysis of compost and vermicompost from floral waste	Singh R.P., Agnihotri R.K., Kumar A.	Research Journal of Pharmacy and Technology	2025	2	0.11	https://doi.org/10.52711/0974-360X.2025.00020
45.	Synthesis, crystal structure, characterization, Hirshfeld analysis, molecular docking and DFT calculations of 5-Phenylamino-isophthalic acid: A good NLO material	Fatima A., Ali A., Shabbir S., Khan M., Mehkoom M., Afzal S.M., Ahmad M., Althubeiti K., Siddiqui N., Singh M., Javed S.	Journal of Molecular Structure	2022	41	0.54	https://doi.org/10.1016/j.molstruc.2022.132791
46.	Industry-Driven Approach for ANFIS-Based Intelligent Control Suspension System with MR Damper for Enhanced Ride Quality in Passenger Rail Vehicles for Technological Investigations	Sharma S.K., Sharma R.C., Lavania S., Palli S., Avesh M.	National Academy Science Letters	2024	21	0.47	https://doi.org/10.1007/s40009-023-01365-1
47.	Exploration of experimental, theoretical, Hirshfeld surface, molecular docking and electronic excitation	Singh N., Fatima A., Singh M., kumar M., Verma I.,	Journal of Molecular Liquids	2022	13	0.21	https://doi.org/10.1016/j.molliq.2022.118670

	studies of Menadione: A potent anti-cancer agent	Muthu S., Siddiqui N., Javed S.					
48.	In-direct organogenesis of nyctanthes arbor-tristis l: For pharmaceuticals and cosmacuticals	Pathak D., Singh D.K., Shrivastava R., Agnihotri R.K.	Natural Products and Their Utilization Pattern	2020	1	-	https://www.scopus.com/pages/publications/85144509715?origin=resultslst
49.	Reconfiguring Human–Nature Relations through Ecofeminism: An Ethic of Care and Advancing Sustainable Development Goal 5 in an Indian Perspective	Tahir M., Rafi S., Sangwan M., Chauhan N.L.	Sustainable Development Goals Series	2026	1	-	https://doi.org/10.1007/978-981-95-1450-2_5
50.	Effect of nanoclay and barium sulfate nanoparticles on the thermal and morphological properties of polyvinylidene fluoride nanocomposites	Agarwal H., Yadav S., Jaiswar G.	Journal of Thermal Analysis and Calorimetry	2017	9	0.21	https://doi.org/10.1007/s10973-017-6345-x
51.	Simulation Study of the Photovoltaic Performance of WS2 Based Transition Metal Dichalcogenide Solar Cell	Mathur A.S., Singh B.P.	Applied Solar Energy (English translation of Geliotekhnika)	2023	1	-	https://doi.org/10.3103/S0003701X24600061
52.	Dynamic Vibration Mitigation in Ship Propellers Using Hybrid Fuzzy Sliding Mode	Sharma S.K., Sharma R.C., Lavania S., Palli S.,	National Academy Science Letters	2025	1	-	https://doi.org/10.1007/s40009-024-01515-z

	Control	Avesh M.					
53.	Top Down Computational Approach: A Vaccine Development Step to Find Novel Superantigenic HLA Binding Epitopes from Dengue Virus Proteome	Sharma P., Sharma P., Sheeba, Kumar A.	International Journal of Peptide Research and Therapeutics	2021	7	0.41	https://doi.org/10.1007/s10989-021-10184-1
54.	Environmental exposure to organochlorine pesticides and pre-term births	Anand M., Taneja A.	Journal of Health and Pollution	2021	1	-	https://doi.org/10.5696/2156-9614-11.31.S1
55.	Pesticides exposure through environment and risk of pre-term birth: a study from Agra city	Anand M., Singh L., Agarwal P., Saroj R., Taneja A.	Drug and Chemical Toxicology	2019	28	0.64	https://doi.org/10.1080/01480545.2017.1413107
56.	Health Risk Assessment In Size Segregated PM At Urban Traffic Site In Agra	Tiwari R., Singh P.P., Taneja A.	Indian Journal of Environmental Protection	2020	3	0.12	https://www.scopus.com/pages/publications/85142612715?origin=resultlist
57.	Electrochemical Exfoliation of Graphene and Its Derivatives and Its Extended Applications in Therapeutics	Paul S.J., Chandra P., Kumar N., Khan R.	Engineering Materials	2024	1	-	https://doi.org/10.1007/978-981-97-2128-3_10
58.	Production potential of pigeonpea (Cajanus cajan) intercropped with groundnut (Arachis	Sharma R.K., Rajput O.P.	Indian Journal of Agronomy	1997	1	-	https://www.scopus.com/pages/publications/00314

	hypogaea) followed by wheat (<i>Triticum aestivum</i>) in sequence						96025?origin=resultslist
59.	Aflatoxin contamination in food crops: causes, detection, and management: a review	Kumar A., Pathak H., Bhadauria S., Sudan J.	Food Production, Processing and Nutrition	2021	254	0.89	https://doi.org/10.1186/s43014-021-00064-y
60.	Analytical Solution of Cancer Cells Interaction with Virotherapy in the Framework of Fractional Derivative Operator	Sharma M., Halder M., Kumar S., Pandey S.K.	Progress in Fractional Differentiation and Applications	2024	1	-	https://doi.org/10.18576/pfda/100209
61.	A linear programming approach to ensuring equitable distribution of covid-19 vaccines in lower income countries	Gupta S., Srivastava R.K.	Journal of Physics: Conference Series	2024	1	-	https://doi.org/10.1088/1742-6596/2844/1/012002
62.	Age-specific lobar and regional deposition of size-segregated particulate in a glass city of India and their health impact	Rajouriya K., Taneja A.	Air Quality, Atmosphere and Health	2023	13	0.31	https://doi.org/10.1007/s11869-023-01398-x
63.	Physicochemical characteristics of atmospheric particles in south western (Pune) region of India: Elemental size distribution, source analysis and risk assessment	Rohra H., Kale A., Nehul S., Pipal A.S., Taneja A., Satsangi P.G.	Atmospheric Pollution Research	2023	6	0.23	https://doi.org/10.1016/j.apr.2023.101938
64.	Chemical Characterization and	Shikha, Rajouriya K.,	Aerosol Science and	2023	12	0.27	https://doi.org/10.1007/s4

	Health Risk Assessment of Particulate Matter Near National Highway at Urban and Semi-urban Locations of Northern India	Pipal A.S., Taneja A.	Engineering				1810-023-00195-4
65.	Effect of supplementation of phytogenic feed additives on intake, in vitro fermentation, growth performance and carcass traits in weaned Barbari kids reared under intensive feeding	Chaturvedi I., Dutta T.K., Singh P.K., Chatterjee A., Mandal D.K., Bhakat C., Mohammad A., Das A.K.	Tropical Animal Health and Production	2022	10	0.32	https://doi.org/10.1007/s11250-022-03142-6

Evidence: <https://dbrau.ac.in/research-papers-publications/>

12.2. Operational Measures

At Dr. Bhimrao Ambedkar University (DBRAU), the institution has established a suite of operational measures to support sustainable consumption and production (indicator 12.2). These include a formal ethical sourcing policy covering food, supplies and equipment, a hazardous-waste disposal and monitoring policy, a waste measurement policy with targets to increase recycling and minimise landfill diversion, and specific policies to minimise single-use plastics and reduce disposable items across campus. Moreover, DBRAU has extended these policies to outsourced service providers (e.g., catering, cleaning) and to its supply chain (stationery, building materials).

12.2.1 Biomedical Waste Management and Safe Disposal Policy

Dr. Bhimrao Ambedkar University, Agra has established a **Biomedical Waste Management and Safe Disposal Policy** to ensure the safe, systematic, and environmentally responsible management of biomedical waste generated across the University. The policy applies to all health centres, laboratories, research facilities, departments, hostels, and other units producing biomedical waste. It is implemented in accordance with the **Biomedical Waste Management Rules, 2016** and other applicable environmental regulations.



Dr. Bhimrao Ambedkar University, Agra
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(A+ Grade, NAAC Accredited)

Date: 12/01/2026

TO WHOM IT MAY EVER CONCERN

Dr. Bhimrao Ambedkar University Agra has a central waste management system where different departments of university decomposes all the bio-degradable waste at one place which gives bio-compost as output which is used as a manure to maintain lush green campuses.


Prof. Manu Pratap Singh
(Director)
12/01/2026
Director
Institute of Engineering & Technology
Dr. B. R. Ambedkar University
Khandari Campus, Agra


Ajay Mishra
PCS
(Registrar)
Registrar
Dr. B R A University Agra

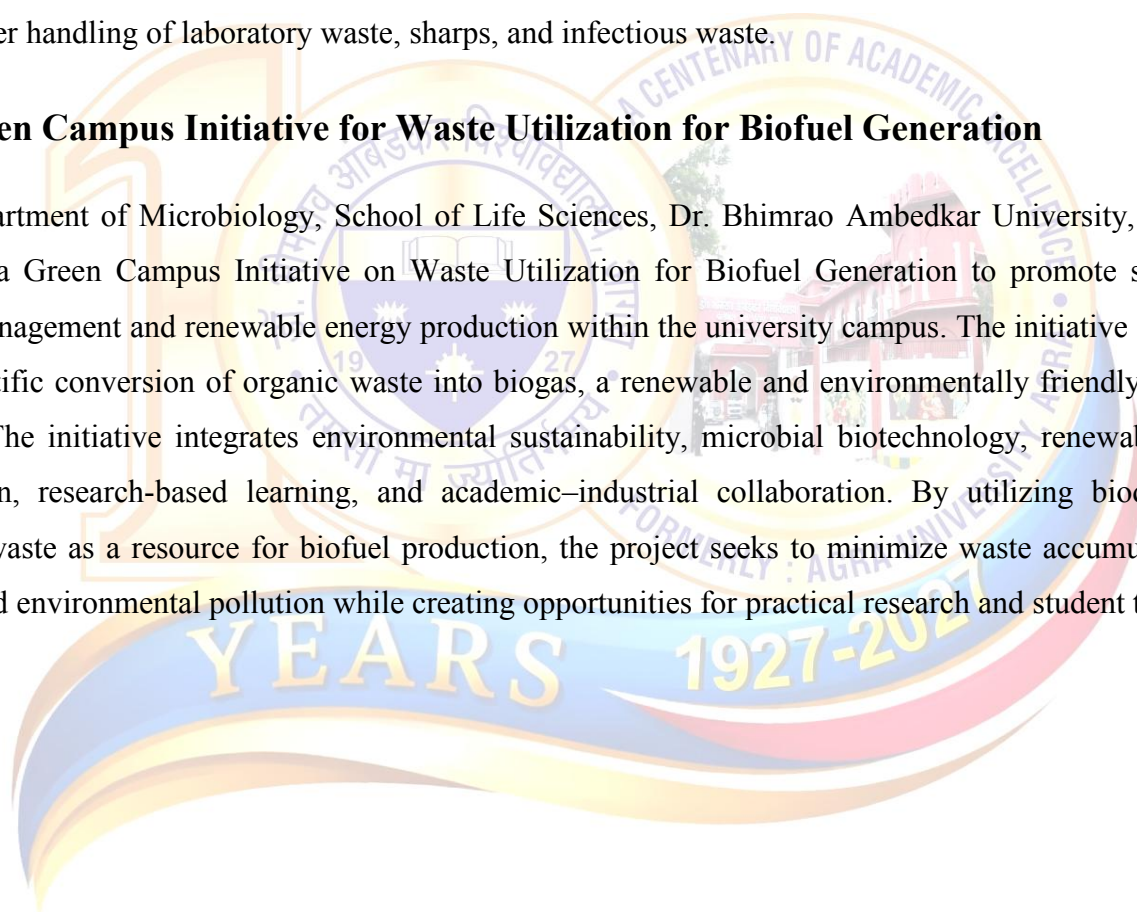
The policy aims to protect students, faculty, staff, researchers, patients, and the environment by ensuring proper segregation, collection, storage, transportation, treatment, and disposal of bio-medical waste. It also promotes compliance with statutory requirements, safe laboratory and healthcare practices, awareness among stakeholders, and sustainable waste management.

The University has established provisions for:

- ✧ Segregation of biomedical waste at the source using colour-coded containers
- ✧ Safe collection, storage, transportation, and disposal through authorized Common Biomedical Waste Treatment Facilities (CBWTFs)
- ✧ Proper handling of laboratory waste, sharps, and infectious waste.

➤ **Green Campus Initiative for Waste Utilization for Biofuel Generation**

The Department of Microbiology, School of Life Sciences, Dr. Bhimrao Ambedkar University, Agra, has initiated a Green Campus Initiative on Waste Utilization for Biofuel Generation to promote sustainable waste management and renewable energy production within the university campus. The initiative focuses on the scientific conversion of organic waste into biogas, a renewable and environmentally friendly source of energy. The initiative integrates environmental sustainability, microbial biotechnology, renewable energy generation, research-based learning, and academic–industrial collaboration. By utilizing biodegradable organic waste as a resource for biofuel production, the project seeks to minimize waste accumulation and associated environmental pollution while creating opportunities for practical research and student training.



 Dr. Bhimrao Ambedkar University, Agra A State University of Uttar Pradesh (Formerly: Agra University, Agra) www.dbaau.ac.in	
Solar Facility Benefits Installed at Institute of Basic Sciences	
Picture	Fixed Axis 
Capacity	60 KW
Out put Units (KWp)	240 Units
Application	Solar power back up for existing electrical appliances viz., Tube lights, Fans, EPABx Computers, Printers etc., HVAC, Pumping etc.
Scope of Supply	System includes 60 KWp Solar Module, GI modular support, 60 KW grid interactive Inverter
Solar Panel Wattage	545 Wp
Battery Support	
Power Saving PM (Kwh)	7,200* Units
Money saved PM / Year (EB unit cost assumed @9.00 Rs.)	Rs. 64,800.00 / Rs 7,77,600.00
Warranty	05 year for the system
Approx. system cost	INR
Approx. system cost after depreciation benefits/Subsidy	INR (Theoretically final investment cost if avail AD benefits)
AMC cost	@ 2% per annum after 01 year
Payback with AD benefits	3 Years
Life time Income	INR

 Dr. Bhimrao Ambedkar University, Agra A State University of Uttar Pradesh (Formerly: Agra University, Agra) www.dbaau.ac.in	
Solar Facility Benefits Installed at Chateassar Campus	
Picture	Fixed Axis 
Capacity	70 KW
Out put Units (KWp)	280 Units
Application	Solar power back up for existing electrical appliances viz., Tube lights, Fans, EPABx Computers, Printers etc., HVAC, Pumping etc.
Scope of Supply	System includes 70 KWp Solar Module, GI modular support, 70 KW grid interactive Inverter
Solar Panel Wattage	545 Wp
Battery Support	200Ah 240V LIFEPO4
Power Saving PM (Kwh)	8,400* Units
Money saved PM / Year (EB unit cost assumed @9.00 Rs.)	Rs. 75,600.00 / Rs 9,07,200.00
Warranty	05 year for the system
Approx. system cost	INR
Approx. system cost after depreciation benefits/Subsidy	INR (Theoretically final investment cost if avail AD benefits)
AMC cost	@ 2% per annum after 01 year
Payback with AD benefits	3 Years

Initiative Details

S.N.	Particular	Details
1.	Initiative Title	Green Campus Initiative on Waste Utilization for Biofuel Generation
2.	Category	Waste Utilization and Biofuel Generation
3.	Department	Department of Microbiology
4.	School	School of Life Sciences
5.	Institution	Dr. Bhimrao Ambedkar University, Agra
6.	Status	Active
7.	Created	May 24, 2026
8.	Major Output	Biogas generation from organic waste
9.	Implementation Approach	Laboratory and pilot-scale research
10.	Collaboration	Department of Botany & Microbiology and M/S Garg Green Gases



Objectives of the Initiative

The major objectives of the initiative are:

- To promote the sustainable utilization of organic waste generated within and around the university campus.
- To convert biodegradable organic waste into biogas, thereby generating renewable energy.
- To reduce environmental pollution associated with the accumulation and improper disposal of organic waste.
- To develop and optimize microbial processes involved in biogas generation.
- To provide students and faculty members with opportunities for research-based learning and practical training.
- To encourage the adoption of environmentally friendly waste-management practices on campus.
- To establish and strengthen academic–industrial collaboration in the field of renewable bioenergy.
- To investigate biogas-generation processes at both laboratory and pilot scales.
- To contribute to the development of a sustainable and resource-efficient green campus model.

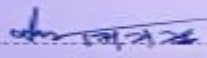
Background and Rationale

Organic waste contains substantial amounts of biodegradable matter that can be converted into useful energy through biological processes. When such waste is improperly accumulated or disposed of, it can contribute to unpleasant odours, greenhouse-gas emissions, soil and water pollution, and other environmental problems. The present initiative adopts a waste-to-energy approach, in which organic waste is treated as a valuable resource rather than simply as a disposal problem. Through microbial degradation under suitable conditions, organic matter can be converted into biogas containing methane and other gases. The generated biogas can subsequently serve as a renewable energy source. This approach supports the university's efforts towards sustainable campus development while simultaneously creating a platform for scientific investigation of microbial bioenergy systems.

<https://dbrau.ac.in/memorandum-of-understanding-mou/>

Done at Dr. Bhimrao Ambedkar University, Agra on the 13/12/2016 in two originals.


Head
Department of Microbiology & Botany
School of Life Sciences,
Dr. Bhimrao Ambedkar University,
Agra.


Dean
Faculty of Life Sciences,
Dr. Bhimrao Ambedkar University,
Agra.

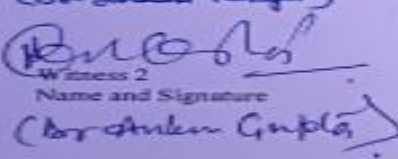

Director
Director/Member Secretary
Internal Quality Assurance Cell
Dr. Bhimrao Ambedkar University
Agra


Registrar
Dr. B. P. A. El-Hernandez, Agra
Dr. Bhimrao Ambedkar
University, Agra

For Gang Green Gases
Yashu Gang
13/12/2016 Partner
Partner/Authorized Signatory
M/S Gang Green Gases

Witnesses: MoU signed in the presence of following two persons.


Witness 1
Name and Signature
(Dr. Sunil Kumar)


Witness 2
Name and Signature
(Dr. Anil Kumar)


Witness 1
Name and Signature
SUNIL KUMAR.


Witness 2
Name and Signature

Implementation Framework

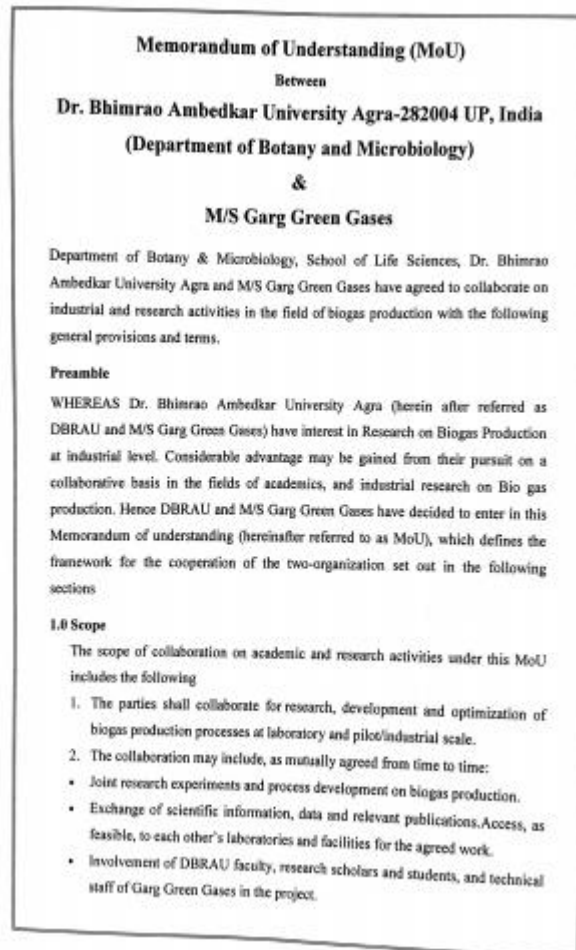
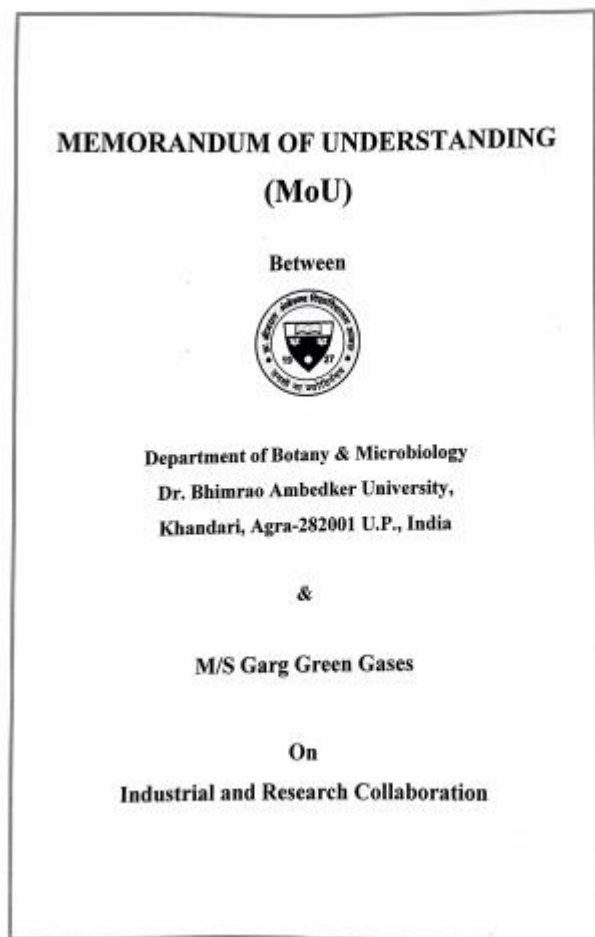
The initiative has been developed through a collaborative framework involving the Department of Botany & Microbiology and M/S Garg Green Gases. The collaboration provides an opportunity to combine academic expertise with industrial experience in biogas-related activities.

The implementation framework primarily includes:

- Identification and collection of suitable organic waste.
- Characterization and preparation of biodegradable feedstock.
- Investigation of microbial degradation and biogas-generation processes.
- Laboratory-scale experimentation and process optimization.
- Development and evaluation of pilot-scale biogas-generation systems.
- Monitoring of process parameters affecting biogas production.
- Assessment of the potential for renewable-energy recovery.
- Documentation of research findings and opportunities for further improvement.

Research and Development Component

A significant component of the initiative is focused on research, development, and optimization of microbial biogas-generation processes. The project provides a practical research platform for studying the interaction of microorganisms involved in the degradation of organic substrates. Laboratory-scale studies can be used to examine suitable feedstocks, microbial activity, operating conditions, and process efficiency. The knowledge generated through these investigations can subsequently support pilot-scale implementation. The initiative therefore connects theoretical knowledge with practical experimentation and provides opportunities for faculty members and students to undertake research in areas such as:



Environmental Benefits

The Green Campus Initiative has the potential to generate several environmental benefits. The conversion of organic waste into biogas can reduce the quantity of biodegradable waste requiring conventional disposal.

The major expected environmental benefits include:

- Reduction in organic-waste accumulation.
- Reduction in pollution associated with improper waste disposal.
- Recovery of energy from biodegradable waste.
- Promotion of renewable-energy utilization.
- Improved campus cleanliness and environmental management.
- Reduction in dependence on conventional energy sources where biogas can be effectively utilized.
- Promotion of circular-economy principles through resource recovery.

Academic–Industrial Collaboration

The collaboration between the Department of Botany & Microbiology and M/S Garg Green Gases strengthens the applied nature of the initiative. Academic institutions can contribute scientific knowledge,

research capabilities, laboratory facilities, and trained human resources, while industrial partners can provide practical expertise and insights into real-world biogas production.

This collaborative model can facilitate:

- Joint research and development.
- Technology-oriented experimentation.
- Student training and exposure.
- Pilot-scale process development.
- Knowledge exchange between academia and industry.
- Identification of opportunities for future commercialization and scale-up.

The Green Campus Initiative on Waste Utilization for Biofuel Generation, initiated by the Department of Microbiology, School of Life Sciences, Dr. Bhimrao Ambedkar University, Agra, represents an important step towards sustainable campus development. The initiative promotes the conversion of organic waste into renewable biogas while addressing environmental pollution and improving waste-management practices.

Spread across approximately **300 acres and six campuses**, Dr. Bhimrao Ambedkar University, Agra functions as a vibrant residential and academic community for students, faculty, and staff. As part of its commitment to environmental sustainability and responsible resource management, the university has adopted a comprehensive **3R approach—Reduce, Reuse and Recycle**.

The university has implemented systematic measures for **solid waste management, waste recycling, liquid waste management, biomedical waste management, and e-waste management**. These practices aim to minimize environmental impacts, promote resource recovery, ensure responsible waste disposal, and create a cleaner and more sustainable campus environment.



The collaborative framework between the Department of Botany & Microbiology and M/S Garg Green Gases further strengthens the project's research and applied dimensions. With its focus on laboratory- and pilot-scale research, microbial process optimization, student learning, and renewable-energy generation, the initiative has the potential to serve as a model for integrating education, research, industry collaboration, waste management, and green energy production within a university campus.



Through this policy, Dr. Bhimrao Ambedkar University seeks to minimize health and environmental risks, strengthen institutional safety, comply with national regulations, and promote a clean, healthy, and sustainable campus. The policy is reviewed periodically to ensure continued compliance with evolving legal and environmental standards.

12.2.2 Policy on Water Resource Conservation and Sustainable Management

Dr. Bhimrao Ambedkar University, Agra has adopted a **Policy on Water Resource Conservation and Sustainable Management** to promote the efficient use, conservation, and sustainable management of water resources across the University. The policy applies to all campuses, academic departments, administrative offices, hostels, residential facilities, research centres, and all stakeholders associated with the University. It is aligned with **Sustainable Development Goal (SDG 12: Responsible Consumption and Production)**, the National Water Policy, and other relevant environmental regulations, reflecting the University's commitment to environmental sustainability and responsible water stewardship.

Groundwater Conservation and Rainwater Harvesting Initiative

As part of its commitment to environmental sustainability and responsible resource management, the Institute of Pharmacy and Paramedical Sciences, Chhalesar Campus, Dr. Bhimrao Ambedkar University, Agra, has undertaken significant measures for groundwater conservation and rainwater harvesting. The initiative was implemented in collaboration with the Uttar Pradesh Ground Water Department under the Namami Gange and Rural Water Supply Department. The programme focuses on sustainable management of water resources, enhancement of groundwater recharge, conservation of rainwater, and development of awareness regarding responsible water use among students and staff.



The initiative represents an important institutional effort towards developing a water-efficient and environmentally responsible campus while contributing to the United Nations Sustainable Development Goals (SDGs).

Initiative Details

S.N.	Particular	Details
1.	Initiative Title	Groundwater Conservation and Rainwater Harvesting
2.	Category	Water Conservation and Rainwater Harvesting
3.	Institution	Dr. Bhimrao Ambedkar University, Agra
4.	Campus	Institute of Pharmacy and Paramedical Sciences, Chhalesar Campus
5.	Status	Active
6.	Created	May 21, 2026
7.	Collaborating Department	Uttar Pradesh Ground Water Department
8.	Associated Department	Namami Gange and Rural Water Supply Department

9.	Major Focus	Groundwater conservation, rainwater harvesting, groundwater
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Objectives

The major objectives of the initiative are:

- To promote conservation and sustainable utilization of groundwater resources.
- To encourage the collection and productive use of rainwater.
- To improve groundwater recharge through appropriate water-harvesting practices.
- To reduce unnecessary dependence on groundwater resources.
- To create awareness among students, faculty members, and staff about water conservation.
- To encourage responsible water-use practices throughout the campus.
- To support compliance with relevant groundwater-management regulations.
- To strengthen the university's contribution to environmental sustainability.
- To develop a culture of water stewardship within the university community.

Sustainable Water Management

Water is a critical natural resource, and increasing demand, irregular rainfall, groundwater depletion, and changing climatic conditions have increased the importance of sustainable water management. The initiative adopts a conservation-oriented approach by emphasizing the importance of capturing rainwater and facilitating its recharge into the groundwater system. Rainwater harvesting can help reduce surface runoff and enable a portion of available rainfall to contribute to groundwater replenishment. The initiative therefore promotes a shift from excessive extraction towards conservation, recharge, monitoring, and responsible utilization of water resources.

Collaboration and Institutional Framework

The programme was implemented in collaboration with the Uttar Pradesh Ground Water Department under the Namami Gange and Rural Water Supply Department. This collaboration strengthens the technical and institutional foundation of the university's water-conservation activities.

The partnership supports the university in promoting:

- Scientific approaches to groundwater conservation.
- Rainwater-harvesting practices.
- Groundwater recharge.
- Awareness and capacity building.

- Responsible groundwater utilization.
- Alignment with applicable regulatory requirements.

The initiative also supports responsible management and regulation of groundwater resources in accordance with the Uttar Pradesh Ground Water (Management and Regulation) Act, 2019.

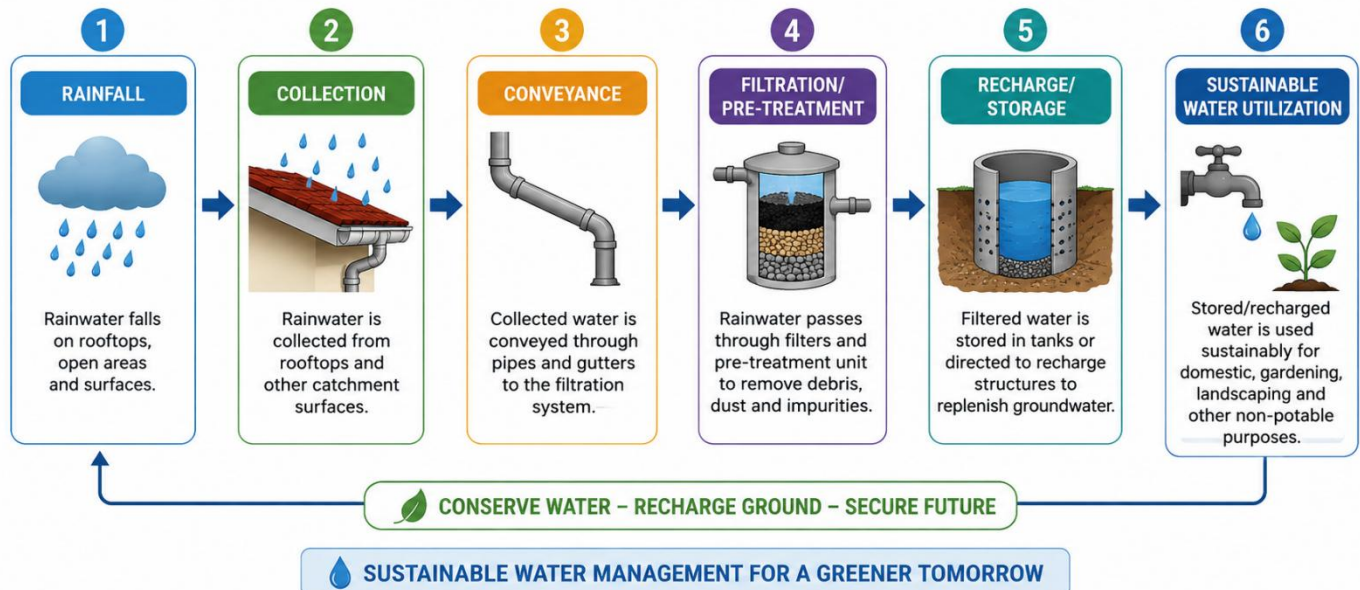
Rainwater Harvesting and Groundwater Recharge

Rainwater harvesting is an important component of the initiative. The basic approach involves capturing rainwater that would otherwise flow away as surface runoff and directing it towards appropriate collection or recharge systems.



The process can be represented as:

RAINWATER HARVESTING AND UTILIZATION FLOW CHART



Such systems can contribute to groundwater replenishment and help improve the efficiency of campus water management. Appropriate maintenance of collection and recharge structures is essential for ensuring their long-term effectiveness.

Awareness and Capacity Building

An important objective of the initiative is to develop awareness regarding water conservation among students and staff. Educational institutions have a significant role in developing responsible environmental behaviour because students can act as effective ambassadors of sustainable practices within their families and communities.

Awareness activities may focus on:

- Importance of groundwater conservation.
- Benefits of rainwater harvesting.
- Responsible use of water.
- Prevention of water wastage.
- Groundwater recharge practices.
- Protection of local water resources.
- Sustainable water-use behaviour.

The initiative thereby combines physical water-management measures with environmental education.

Educational and Institutional Benefits

The programme also strengthens the university's role as an institution committed to sustainable development. It provides opportunities for students and staff to understand the relationship between natural-resource conservation, environmental protection, and sustainable development.

The initiative can further support:

- Student projects and research.
- Environmental education programmes.
- Campus sustainability assessments.
- Community awareness activities.
- Interdepartmental collaboration.
- Government–institution collaboration.
- Development of future water-conservation initiatives.

The Groundwater Conservation and Rainwater Harvesting Initiative at the Institute of Pharmacy and Paramedical Sciences, Chhalesar Campus, Dr. Bhimrao Ambedkar University, Agra, is an important component of the university's Green Campus and sustainable development efforts.

Implemented in collaboration with the Uttar Pradesh Ground Water Department under the Namami Gange and Rural Water Supply Department, the initiative promotes groundwater recharge, rainwater harvesting, responsible water utilization, and environmental awareness. It also provides a practical platform for integrating sustainability into campus management and education.

Under this policy, the University promotes rainwater harvesting, groundwater recharge, wastewater recycling and reuse, water-efficient technologies, regular water audits, smart water monitoring systems, and awareness programmes on water conservation. The policy also encourages research, innovation, and community engagement related to sustainable water management. Its implementation is overseen by designated University authorities through regular monitoring, annual action plans, and periodic reviews, reinforcing the University's commitment to reducing water consumption, improving resource efficiency, and developing a sustainable and climate-resilient campus.

12.2.3 Policy for E-Waste Management

Dr. Bhimrao Ambedkar University, Agra has adopted an **E-Waste Management Policy** to ensure the environmentally responsible management of electronic waste generated across the University. The policy applies to all academic departments, administrative offices, laboratories, libraries, hostels, research centres, residential facilities, and all stakeholders handling University-owned electronic and electrical equipment. It aims to minimize e-waste generation through responsible procurement, reuse, refurbishment, recycling, and

safe disposal in accordance with the **E-Waste (Management) Rules, 2022** and other applicable environmental regulations.

➤ **Environmental Sustainability, E-Waste Management and Green Campus Initiative**

Dr. Bhimrao Ambedkar University, Agra has implemented a structured e-Waste Management System as part of its commitment to environmental sustainability and the development of a green campus. The initiative focuses on the systematic identification, collection, segregation, storage, and environmentally responsible disposal of electronic waste generated through various academic, administrative, laboratory, and support activities of the university. The initiative ensures that obsolete, damaged, and non-functional electronic equipment is handled safely and disposed of through appropriate and authorized channels in accordance with applicable government guidelines and statutory requirements.

Initiative Details

S.N	Particular	Details
1.	Initiative Title	Environmental Sustainability/e-Waste Management/ Green Campus Initiative
2.	Category	Environmental Sustainability/e-Waste Management/ Green Campus
3.	Institution	Dr. Bhimrao Ambedkar University, Agra
4.	Status	Active
5.	Created	January 25, 2026
6.	Major Focus	Safe collection, segregation, handling, and disposal of e-waste
7.	Disposal	Authorized agencies as per applicable statutory norms
8.	Implementation	Institutional monitoring and regulated disposal

Objectives

The major objectives of the e-Waste Management Initiative are:

- To establish a systematic mechanism for managing electronic waste generated on the university campus.
- To ensure the safe collection, segregation, storage, and disposal of obsolete electronic equipment.
- To prevent the improper disposal of electronic waste in general waste streams.
- To minimize environmental and health hazards associated with e-waste.
- To ensure compliance with applicable government rules and statutory requirements.
- To promote responsible consumption and disposal of electronic and electrical equipment.
- To encourage environmental awareness among students, faculty members, and staff.

- To strengthen the university's commitment towards sustainable and eco-friendly campus practices.

Scope of E-Waste

Electronic waste generated on the university campus may include obsolete, damaged, or non-functional electrical and electronic equipment such as:

- Desktop computers and computer components
- Laptops and tablets
- Printers and scanners
- Mobile phones and communication devices
- Televisions and display equipment
- Electronic laboratory equipment
- Electrical and electronic accessories
- Cables, chargers, adapters, and other associated components
- Other discarded electronic and electrical devices

Such materials require appropriate handling because they may contain substances that can pose environmental risks if disposed of improperly.

E-Waste Management Process

The university follows a structured process for managing e-waste. The major stages include:



Identification: Obsolete, damaged, and non-functional electronic equipment is identified by the concerned departments and administrative units.

Segregation: Electronic waste is separated from regular municipal and other campus waste to prevent inappropriate disposal and facilitate specialized treatment.

Collection and Storage: The identified e-waste is collected and kept in designated locations or through institutional procedures until it can be transferred through the approved disposal mechanism.

Authorization and Disposal: E-waste is disposed of through authorized agencies in accordance with applicable statutory requirements and government guidelines. This approach ensures that electronic waste is handled through appropriate channels rather than being discarded indiscriminately.

Monitoring and Documentation: Official committees and administrative mechanisms have been established to monitor the disposal process. Appropriate records and institutional documentation support transparency, accountability, and regulatory compliance.

Institutional Monitoring Mechanism

The university has constituted official committees and administrative orders to oversee e-waste management activities. These institutional mechanisms help ensure that the collection and disposal of electronic waste are undertaken systematically.

The monitoring framework supports:

- Identification of obsolete electronic equipment.
- Coordination among departments and administrative units.
- Verification of items identified for disposal.
- Supervision of the disposal process.
- Coordination with authorized disposal agencies.
- Maintenance of relevant records.
- Compliance with applicable environmental and statutory requirements.

Environmental Benefits

The e-Waste Management Initiative contributes to environmental protection by reducing the risks associated with uncontrolled disposal of electronic equipment.

The major environmental benefits include:

- Prevention of improper disposal: E-waste is separated from conventional waste streams.

- Reduction of environmental hazards: Appropriate disposal minimizes the potential release of harmful substances into soil and water.
- Resource recovery: Responsible recycling and processing can facilitate the recovery of useful materials from discarded electronics.
- Improved campus cleanliness: Systematic collection prevents accumulation of obsolete electronic equipment.
- Promotion of sustainable practices: The initiative encourages responsible management of electronic resources throughout their lifecycle.
- Reduced ecological impact: Authorized disposal channels provide a safer alternative to informal or uncontrolled disposal.

Awareness and Participation

The success of e-waste management depends on the participation of the university community. Faculty members, students, administrative personnel, technical staff, and other campus stakeholders can contribute by identifying obsolete equipment, avoiding disposal of electronic items with general waste, and following institutional procedures. Awareness regarding responsible e-waste disposal can also encourage sustainable consumption practices and promote a culture of environmental responsibility across the campus.

Contribution to Green Campus Development

The e-Waste Management System forms an important component of the university's broader Green Campus Initiative. Modern educational institutions depend extensively on computers, networking equipment, laboratory instruments, communication devices, and other electronic systems. Consequently, systematic management of electronic waste is essential for maintaining an environmentally responsible campus.

The initiative integrates:

- Environmental protection
- Sustainable waste management
- Regulatory compliance
- Responsible resource utilization
- Institutional accountability
- Environmental awareness
- Green campus development

The Environmental Sustainability/e-Waste Management/Green Campus Initiative of Dr. Bhimrao Ambedkar University, Agra demonstrates the university's commitment to responsible environmental management. Through systematic identification, segregation, collection, monitoring, and disposal of electronic waste, the university seeks to minimize the environmental hazards associated with discarded electronic equipment.

The use of authorized disposal agencies, supported by institutional committees and administrative orders, provides a structured mechanism for ensuring safe handling and regulatory compliance. The initiative therefore contributes significantly to the development of a cleaner, safer, environmentally responsible, and sustainable green campus.

Under this policy, the University promotes proper inventory management, segregation, secure storage, data protection before disposal, and the transfer of e-waste only to authorized recyclers and disposal agencies. The policy also emphasizes awareness programmes, sustainable procurement practices, and regular monitoring to ensure compliance. Its implementation is overseen by the Registrar and the designated E-Waste Management and Environmental Sustainability Committees, supporting the University's Green Campus initiatives, resource conservation, and circular economy objectives.

12.2.4 Policy for General Waste Management

Dr. Bhimrao Ambedkar University, Agra has adopted a **General Waste Management Policy** to ensure the scientific, systematic, and environmentally responsible management of waste generated across the University. The policy applies to all students, faculty, staff, research scholars, contractors, vendors, visitors, and all University-owned and managed facilities. It aims to promote waste reduction, segregation, reuse, recycling, and responsible disposal in accordance with the **Solid Waste Management Rules, 2016**, while supporting environmental sustainability, resource conservation, and a clean and healthy campus.

World Environment Day

On the occasion of World Environment Day, the Department of Environmental Studies, Dr. Bhimrao Ambedkar University, Agra, organized an Environmental Awareness Rally to promote environmental consciousness and encourage sustainable practices among students, faculty members, staff, and the local community. The rally served as an important awareness initiative aimed at highlighting key environmental challenges, including pollution, deforestation, plastic waste, water scarcity, and ecological degradation. Through public participation, banners, placards, and environmental slogans, the programme encouraged individuals to adopt responsible and eco-friendly practices in their daily lives.



Objectives

The major objectives of the awareness rally were:

- To create awareness regarding environmental protection and conservation.
- To promote sustainable and eco-friendly lifestyles among students and the community.
- To spread awareness about pollution control and environmental cleanliness.
- To encourage tree plantation and protection of green spaces.
- To promote reduction and responsible management of plastic waste.
- To emphasize the importance of water conservation.
- To encourage protection of biodiversity and ecological balance.
- To strengthen students' participation in environmental conservation activities.
- To encourage community involvement in sustainable development.
- To develop a sense of environmental responsibility among participants.

Under this policy, the University encourages waste segregation at source, reduction of single-use materials, recycling through authorized agencies, composting of biodegradable waste, safe disposal of residual waste, and environmentally responsible practices during campus events.



The policy also emphasizes regular awareness programmes, documentation, monitoring, and periodic audits to ensure effective implementation and compliance. It is overseen by the Registrar, along with the Environmental Sustainability Committee, Green Campus Committee, and other designated authorities, reinforcing the University's commitment to sustainable campus development and the achievement of the Sustainable Development Goals (SDGs).

12.2.5 Policy for Plastic and Disposable Items Minimization

Dr. Bhimrao Ambedkar University, Agra has adopted a **Plastic and Disposable Items Minimization Policy** to reduce the use of single-use plastics and promote sustainable consumption practices across the University campus. The policy applies to all students, faculty, staff, research scholars, vendors, contractors, service providers, visitors, and all academic, administrative, residential, and commercial units of the University. It aims to minimize plastic waste, encourage the use of reusable, recyclable, biodegradable, and eco-friendly alternatives, and support the University's Green Campus initiatives in alignment with the **Plastic Waste Management Rules** and national sustainability goals.

Waste Upcycling Activity

The Department of Environmental Studies, Dr. Bhimrao Ambedkar University, Agra, organized a Waste Upcycling Activity on 05 June 2023 on the occasion of World Environment Day under the global theme “Solution to Plastic Pollution.” The activity aimed to promote environmental awareness, creativity, innovation, and sustainable waste-management practices among students.



The initiative demonstrated how discarded materials such as plastic bottles and used tyres can be transformed into useful, decorative, and functional products rather than being treated as waste. Through hands-on participation, students learned the importance of resource conservation, waste reduction, recycling, and upcycling.

Event Details

The Waste Upcycling Activity was conducted on 05 June 2023 at 10:00 AM at the Department of Environmental Studies, Dr. Bhimrao Ambedkar University, Agra. The event was categorized under Awareness and had an expected participation of 47 attendees. The programme was organized as part of the university's environmental sustainability and Green Campus activities in connection with World Environment Day.



Objectives

The major objectives of the activity were:

- To create awareness about plastic pollution and its environmental impacts.
- To promote the concept of waste upcycling and reuse.
- To encourage students to adopt creative approaches to waste management.
- To demonstrate the potential of discarded materials as useful resources.
- To promote responsible consumption and resource utilization.
- To encourage innovation and creativity in environmental protection.
- To develop environmental responsibility among students.
- To support sustainable and eco-friendly campus practices.



Under this policy, the University promotes sustainable procurement, refillable water systems, eco-friendly campus events, responsible waste segregation and recycling, and compliance by vendors and contractors. It also emphasizes awareness programmes, regular monitoring, documentation, and periodic policy reviews to ensure effective implementation. The policy is overseen by the Registrar, with support from the Green Campus Committee, Environmental Sustainability Committee, and other designated authorities, reinforcing the University's commitment to environmental conservation, resource efficiency, and sustainable campus management.

12.2.6 SUSTAINABLE FOOD PROCUREMENT AND CAMPUS DINING POLICY

Dr. Bhimrao Ambedkar University, Agra has adopted a **Sustainable Food Procurement and Campus Dining Policy** to promote environmentally responsible, healthy, and sustainable food practices across the University. The policy applies to all campus dining facilities, hostels, cafeterias, food vendors, contractors, suppliers, and other stakeholders involved in food procurement and dining services. It aims to encourage the procurement of safe, nutritious, locally sourced, and sustainably produced food while reducing food waste and conserving natural resources.

Under this policy, the University promotes sustainable agricultural practices, healthy and hygienic campus dining, eco-friendly packaging, efficient use of resources, and responsible food waste management through segregation, composting, and awareness programmes. The implementation is monitored by the University Administration and Procurement Committee, with regular reviews to ensure compliance with food safety regulations and continuous improvement in sustainable campus dining practices.

12.4 Publication of Sustainability Report

The University has a focused approach for sustainable green practices on the campus, geared towards implementing environmentally conscious activities, having spin-off short and long term financial benefits. The University admissions, administration, finance, attendance, examinations are fully digitized, reducing the use of paper. The University „Waste Management Policy provides for segregation of solid waste into biodegradable waste (wet waste); non-bio degradable waste (dry waste) and hazardous waste. The wet waste is converted as compost, the dry waste is segregated into the recyclable and non-recyclables for disposal. The food and wet waste is processed/decomposed by an on-campus Compost Plant. Rainwater harvesting system of the University ensures reduction, recycle and reuse of water. There is a 400 KLD capacity STP and 30 KLD ETP for treating effluents; there recycled water is used for horticulture and flushing system, and the sludge for manure. Biomedical waste is disposed-of in accordance with the statutory norms. Due process is also followed in handling hazardous chemicals and radioactive waste management. Three-waste management involves e-waste segregation and disposal through empaneled vendors following government guidelines. For energy conservation, energy efficient appliances are used to reduce radiation, heat and expenditures. A solar power plant has been set up. Sensor-based switches have automated the on/off of lights, increasing the optimum use of energy. Reduce, recycle and reuse policy is implemented in case of water. For irrigation, sprinkler and drip irrigation system is used, wherever feasible. University has procured automated water spray vehicle to control the dust in the campus. Battery operated vehicles have been introduced to move around the campus. Used paper is reused. Massive plantation has resulted in more than 4000 plants succeeding. Students through Students’ club, NSS and Eco-Task Force actively engage in green practices and thereby safeguarding the environment. Landscaping and attractive greenery also serve the purpose of reduced pollution. Complete ban on smoking and burning any material on

the campus has been imposed. The University has embedded three-credit course on green practices in curricula and its relevance for conservation of natural resources and environment. Community Connect course also contributes in spreading awareness on issues such as pollution and the measures to contain the same by the community. The University has an undergraduate programme in environmental sciences and a Centre of Excellence on Solar Cells and Renewable Energy which is working on super capacitors for using energy resources more effectively.

➤ **Students' Environment Club Activities**

➤ **Swachhata Pakhwada Awareness and Cleanliness Programme – 25 September 2025**

Organized by: Dr. Bhimrao Ambedkar University, Agra

Date: 25 September 2025

Venue: University Campus and Paliwal Park, Dr. Bhimrao Ambedkar University, Agra

Expected Participants: 80

Category: Awareness

Programme: Swachhata Pakhwada

Dr. Bhimrao Ambedkar University, Agra, organized Swachhata Pakhwada activities on 25 September 2025 at the University Campus and Paliwal Park with the objective of promoting cleanliness, hygiene, sanitation, and environmental responsibility among students and members of the university community.



Swachhata Pakhwada is a two-week cleanliness and awareness initiative aimed at encouraging individuals and institutions to actively participate in cleanliness drives, proper waste management, sanitation activities, and sustainable environmental practices. The programme supported the broader vision of Swachh Bharat by encouraging participants to adopt cleanliness and hygiene as part of their daily lives.



Objectives of the Programme

The major objectives of the Swachhata Pakhwada activities were:

- To create awareness about cleanliness, personal hygiene, and sanitation among students and the community.

- To encourage active participation in cleanliness and environmental improvement activities.
- To promote responsible waste segregation, disposal, and sustainable waste management.
- To develop a sense of responsibility towards maintaining a clean and healthy environment.
- To support the objectives of the Swachh Bharat Mission and related government cleanliness initiatives.
- To motivate students and community members to adopt regular hygiene and sanitation practices.
- To promote environmental stewardship through participation in campus and public-space cleanliness activities.



Major Activities

The programme involved cleanliness and environmental awareness activities at the University Campus and Paliwal Park. Participants actively engaged in cleaning activities and were encouraged to maintain public and institutional spaces in a hygienic condition.

The activities emphasized the importance of:

- Maintaining cleanliness in campus and surrounding areas.
- Proper collection and management of waste.

- Avoiding littering in public places.
- Adopting responsible waste disposal practices.
- Maintaining personal and community hygiene.
- Protecting green spaces and public areas.
- Promoting sustainable sanitation practices.

Tree planting and environmental improvement activities were also encouraged as part of the broader cleanliness and environmental responsibility campaign.



Student and Community Participation

Students and members of the university community participated actively in the programme. Their involvement provided practical exposure to cleanliness and environmental management while encouraging collective responsibility for maintaining public spaces. The activities helped participants understand that cleanliness is not limited to individual hygiene but also includes responsible waste management, protection of natural surroundings, maintenance of public spaces, and community participation.

Activity Outcomes

The Swachhata Pakhwada programme generated several positive outcomes:

- Increased awareness about the importance of cleanliness, hygiene, and sanitation.
- Active participation in cleanliness drives and environmental activities.
- Greater awareness of proper waste management and responsible disposal practices.

- Development of a sense of community responsibility and environmental stewardship.
- Encouragement of sustainable sanitation and cleanliness practices.
- Improved awareness regarding the importance of maintaining clean public and institutional spaces.

Contribution towards creating a cleaner, healthier, and more environmentally responsible campus and surrounding community.

Significance of the Programme

The Swachhata Pakhwada initiative provided an effective platform for translating awareness about cleanliness into practical action. By involving students and community members in cleanliness and environmental activities, the programme encouraged a culture of collective responsibility, civic participation, and sustainable environmental management. Such initiatives are particularly valuable in educational institutions because they help students develop habits and attitudes that can be carried beyond the campus into their homes and communities.



The Swachhata Pakhwada 2025 activities organized by Dr. Bhimrao Ambedkar University, Agra, successfully promoted awareness about cleanliness, hygiene, sanitation, and environmental responsibility. The participation of approximately 80 attendees in activities at the University Campus and Paliwal Park demonstrated the importance of collective action in maintaining clean and healthy surroundings.

The programme strengthened the message of Swachh Bharat and encouraged participants to adopt sustainable cleanliness and waste-management practices in their daily lives. Overall, the initiative

contributed to building a stronger culture of cleanliness, environmental stewardship, and community responsibility within and around the University.

➤ **World Food Day 2025 Awareness Programme – 16 October 2025**

Organized by: Department of Biochemistry, School of Life Sciences, Dr. Bhimrao Ambedkar University, Agra

Date: 16 October 2025

Time: 3:30 PM

Venue: Department of Biochemistry, School of Life Sciences, Dr. Bhimrao Ambedkar University, Agra

Expected Participants: 118

Category: Awareness

Theme: “Hand in Hand for Better Foods and a Better Future”

The Department of Biochemistry, School of Life Sciences, Dr. Bhimrao Ambedkar University, Agra, organized an awareness programme on World Food Day on 16 October 2025. World Food Day commemorates the establishment of the Food and Agriculture Organization (FAO) of the United Nations in 1945 and serves as an important occasion to promote awareness about food security, nutrition, food safety, and sustainable food systems. The programme focused on the role of the Food Safety and Standards Authority of India (FSSAI) in ensuring the availability of safe and wholesome food for consumers. Discussions highlighted the importance of science-based food standards, food safety regulation, consumer awareness, and healthy eating practices. The theme for World Food Day 2025, “Hand in Hand for Better Foods and a Better Future,” emphasized the importance of cooperation among governments, institutions, communities, industries, and individuals in creating safe, nutritious, and sustainable food systems.



2. Objectives of the Programme

The major objectives of the awareness programme were:

- To create awareness about the significance of World Food Day and global food security.
- To educate students about the role and responsibilities of FSSAI in maintaining food safety standards.
- To promote awareness regarding safe, nutritious, and wholesome food.
- To explain the importance of science-based standards for food additives, contaminants, packaging, and food quality.
- To promote healthy eating habits through initiatives such as Eat Right India.

To encourage cooperation among individuals, institutions, communities, and other stakeholders for safer and more sustainable food systems.

Major Highlights

The programme included informative discussions and awareness activities focusing on food safety, food quality, nutrition, and public health. Participants were introduced to the regulatory role of FSSAI and its contribution to maintaining standards across the food supply chain. The sessions emphasized that food safety is an essential component of public health. Participants were made aware of the importance of appropriate food handling, hygiene, quality control, and compliance with established food safety standards.

The programme also highlighted the Eat Right India initiative, which promotes informed food choices, healthier eating habits, and awareness about nutrition and food safety among citizens.

Role of FSSAI in Food Safety

The programme highlighted FSSAI as the principal statutory authority responsible for establishing and monitoring food safety standards in India. Its regulatory framework covers various aspects of the food supply chain, including:

- Food additives and contaminants.
- Food quality and safety standards.
- Packaging and labelling requirements.
- Hygiene and food handling practices.
- Monitoring and compliance with food safety regulations.
- Public awareness regarding safe and healthy food choices.

The discussions helped participants understand how effective food regulation contributes to consumer confidence and protection of public health.



Activity Outcomes

The awareness programme generated several positive outcomes:

- Improved understanding of the importance of food safety and quality.
- Increased awareness of FSSAI's role in protecting public health.
- Greater understanding of food standards, hygiene, and regulatory compliance.
- Awareness about healthy and informed food choices through initiatives such as Eat Right India.
- Encouragement of responsible food consumption and safe food-handling practices.
- Strengthened understanding of the connection between food safety, nutrition, public health, and sustainable food systems.

Significance of the Programme

The World Food Day programme provided an important academic and awareness platform for discussing the challenges associated with food safety and nutrition. As students of life sciences and related disciplines are closely connected with scientific understanding of food, health, and biological systems, the programme helped them appreciate the practical significance of food safety regulations.

The event also reinforced the message that achieving a safe, nutritious, and sustainable food system requires collective action involving government authorities, scientific institutions, food industries, communities, and consumers.

छात्रों ने समझा फूड रेगुलेटरी सिस्टम

आगरा। डॉ. भीमराव आंबेडकर विश्वविद्यालय के बायोकेमेस्ट्री विभाग ने विश्व खाद्य दिवस पर टॉक का आयोजन किया। गुरुवार को फूड रेगुलेटरी सिस्टम इन इंडिया विषय पर ऑनलाइन टॉक हुआ। मुख्य वक्ता, डिप्टी डायरेक्टर एफएसएआई अरुणा बांदिल ने खाद्य सुरक्षा मानकों, अधिनियम और लाइसेंस प्रोसेस पर जानकारी दी। संकाय अध्यक्ष प्रो. आरके अग्निहोत्री ने ऐसे आयोजनों की आवश्यकता पर जोर दिया। डॉ. उदिता तिवारी ने बायोकेमेस्ट्री की उपयोगिता पर चर्चा की। डॉ. नीलू सिन्हा ने धन्यवाद ज्ञापन किया।

The World Food Day 2025 Awareness Programme organized by the Department of Biochemistry, School of Life Sciences, Dr. Bhimrao Ambedkar University, Agra, successfully promoted awareness about food safety, nutrition, and public health. The programme highlighted the important role of FSSAI in establishing science-based food standards and protecting consumers through regulation, monitoring, and awareness. The theme “Hand in Hand for Better Foods and a Better Future” effectively emphasized the need for collaborative efforts to build safer, healthier, and more sustainable food systems. The programme contributed to strengthening students' knowledge and encouraging responsible food practices, thereby supporting the broader goal of safe food and improved public health.

➤ **Earth Day Celebration – Environmental Awareness Programme – 22 April 2026**

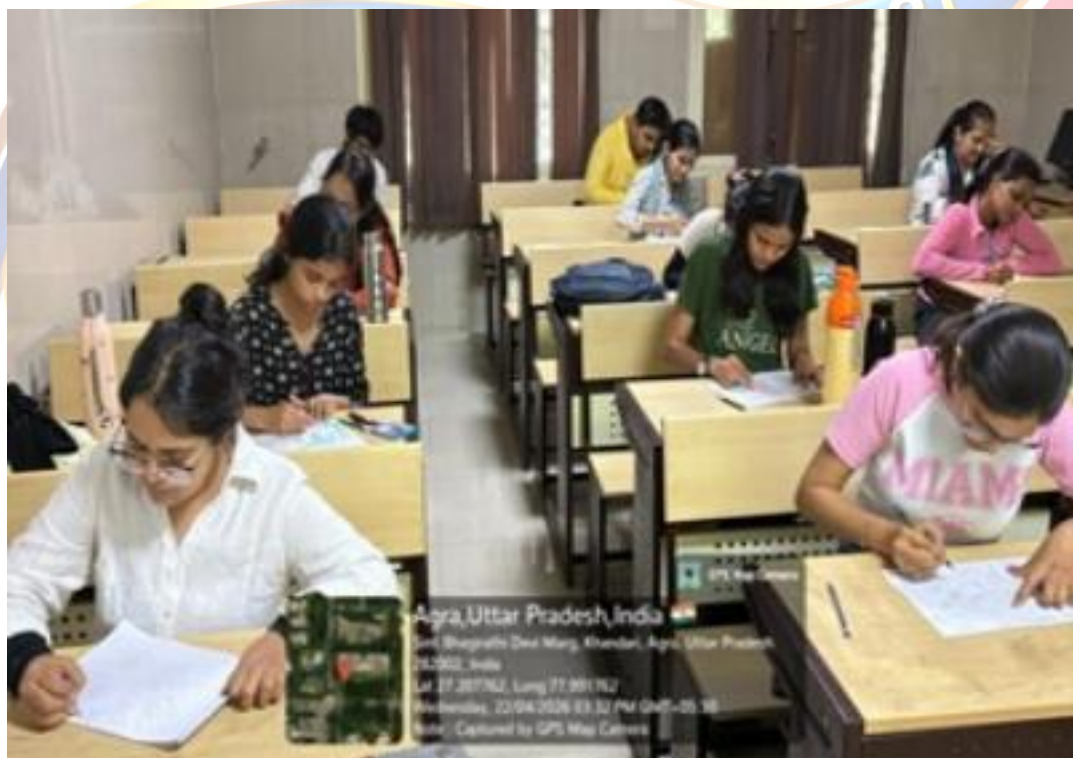
Organized by: Department of Environmental Studies, Dr. Bhimrao Ambedkar University, Agra

Date: 22 April 2026

Venue: Department of Environmental Studies, Dr. Bhimrao Ambedkar University, Agra

Theme: Promoting Sustainability and Environmental Responsibility

The Department of Environmental Studies, Dr. Bhimrao Ambedkar University, Agra, celebrated Earth Day on 22 April 2026 with the objective of creating awareness about environmental protection, sustainability, and responsible use of natural resources. The programme provided students with an opportunity to understand contemporary environmental challenges and express their ideas through creative and academic activities.



Major Activities

The celebration comprised two major activities:

A. Poster Competition: A Poster Competition was organized within the department premises to encourage students to communicate environmental messages through creative and scientific presentations. Students prepared posters addressing important environmental issues, including:

- Climate change and global warming
- Deforestation and forest conservation
- Biodiversity loss
- Plastic pollution and waste management
- Renewable energy and clean technologies
- Environmental conservation and sustainable development

The posters reflected the students' scientific understanding, creativity, and concern for emerging environmental challenges. The activity also encouraged students to explore practical solutions for achieving a cleaner and more sustainable environment.



B. In-House Awareness Seminar

An In-House Awareness Seminar was also conducted as part of the Earth Day celebration. Faculty members and student speakers delivered informative presentations on the importance of Earth Day, major global environmental movements, and the need for collective action to address environmental problems. The

sessions emphasized the importance of adopting eco-friendly practices, conserving natural resources, reducing waste and plastic consumption, protecting biodiversity, and promoting sustainable lifestyles. Students actively participated in the discussions and shared their views on environmental conservation.



Objectives

The major objectives of the Earth Day celebration were:

- To create awareness among students about contemporary environmental challenges.
- To promote sustainability and environmental responsibility.
- To encourage students to adopt environmentally friendly practices.
- To develop scientific thinking and creativity through poster presentations.
- To highlight the importance of biodiversity and natural resource conservation.
- To encourage collective participation in environmental protection.

Outcomes

The Earth Day celebration successfully enhanced environmental awareness among students and encouraged them to think critically about environmental issues. The poster competition provided a platform for students to demonstrate their creativity, scientific knowledge, and problem-solving abilities, while the awareness seminar strengthened their understanding of global environmental challenges and sustainable development. The programme also promoted a sense of environmental responsibility and encouraged students to incorporate sustainable practices into their daily lives. The active participation of students and faculty members contributed to making the celebration meaningful and educational.

The Earth Day Celebration 2026 organized by the Department of Environmental Studies, Dr. Bhimrao Ambedkar University, Agra, was a successful initiative for promoting environmental awareness and sustainability. Through the combination of creative poster presentations and academic awareness sessions, the programme effectively highlighted the importance of protecting the Earth and its natural resources. The event strengthened students' commitment to environmental responsibility and encouraged them to contribute towards building a cleaner, greener, and more sustainable future.

➤ **“Heritage on a Plate: Taste of Our District” Exhibition under ODOC – 21 February 2026**

Organized by: Institute of Home Science, Dr. Bhimrao Ambedkar University, Agra

Date: 21 February 2026

Time: 11:30 AM

Venue: Institute of Home Science, DBRAU, Agra

Expected Participants: 70

Category: Awareness

Theme: One District – One Cuisine (ODOC)

Dr. Bhimrao Ambedkar University, Agra, organized a grand exhibition titled “Heritage on a Plate: Taste of Our District” under the One District – One Cuisine (ODOC) initiative. The programme was organized at the Institute of Home Science with the objective of highlighting the rich culinary traditions and food heritage of the Agra Mandal. The exhibition focused on the traditional cuisines, recipes, indigenous ingredients, and food practices associated with the districts of Agra, Firozabad, Mainpuri, Mathura, Hathras, Kasganj, and Etah. The event provided an opportunity to celebrate the cultural identity of Uttar Pradesh through its diverse culinary traditions.



The major objectives of the exhibition were:

- To promote awareness about the One District – One Product/One Cuisine (ODOP/ODOC) initiative of the Government of Uttar Pradesh.
- To preserve, document, and showcase the diverse culinary heritage of the Agra Mandal.
- To create awareness among students and visitors about the cultural significance of traditional foods.
- To provide students with an understanding of the relationship between local food culture, entrepreneurship, and livelihood opportunities.
- To celebrate traditional tastes, indigenous ingredients, and regional food preparation practices.
- To encourage appreciation and preservation of local culinary traditions.

Major Highlights of the Exhibition

The exhibition showcased the distinctive food traditions of the districts comprising the Agra Mandal. Students presented information and displays related to traditional recipes, locally available ingredients, preparation methods, and the historical and cultural background of regional foods. The exhibits demonstrated how food traditions are closely connected with the social, cultural, geographical, and historical identity of a region. Students also highlighted the potential of traditional foods to support local entrepreneurship, small-scale food businesses, and value-added food products. The exhibition served as an interactive platform where students and visitors could explore regional food heritage while gaining knowledge about the importance of preserving indigenous culinary practices.



Student Participation and Learning

Students actively participated in preparing and presenting the exhibits. Through the activity, they gained practical exposure to the documentation and presentation of traditional recipes and food practices. The exhibition also helped students understand the potential of local cuisine as an avenue for entrepreneurship,

self-employment, and promotion of local products. It encouraged them to recognize traditional knowledge as an important cultural and economic resource.



Outcomes

The programme resulted in several positive outcomes:

- Increased awareness among students and visitors regarding the traditional cuisines of the Agra Mandal.
- Greater appreciation of the cultural and historical significance of regional foods.
- Documentation and presentation of traditional recipes associated with the participating districts.
- Increased understanding of indigenous ingredients and traditional food preparation methods.
- Encouragement of local food businesses and small-scale culinary entrepreneurship.
- Enhanced awareness of the One District – One Product/One Cuisine concept.
- Strengthened appreciation for the preservation and promotion of local culinary heritage.



The programme successfully promoted the values of cultural preservation, local entrepreneurship, indigenous food traditions, and sustainable promotion of regional heritage. It also contributed to strengthening awareness of the ODOC initiative and encouraged students to view traditional food knowledge as an important resource for cultural identity and future livelihood opportunities.

➤ **Agricultural Awareness Programme through Community Radio 90.4 “Agra Ki Awaz” – 4 September 2025**

Dr. Bhimrao Ambedkar University organized a series of special agricultural awareness programmes through Community Radio 90.4 “Agra Ki Awaz” on September 4, 2025, at the Community Radio station, DBRAU, Agra. The programme was conducted under the MoU between the University and Yara Fertilizers India Private Limited (2025–26), with an emphasis on strengthening agricultural awareness and knowledge among farming communities.

Ep - 1

मृदा स्वास्थ्य और संतुलित उर्वरक उपयोग से पोषण सुरक्षा

एक पहल
रसायन एवं उर्वरक मंत्रालय (भारत सरकार)

“एग्रेही सुपर समाधान कार्यक्रम” 2.0

Yara Fertilizers India Private Limited (एक प्रयास)

समुदाय रेडियो 90.4 “आगरा की आवाज़”
(डॉ. भीमराव अम्बेडकर विश्वविद्यालय, आगरा)

का संयुक्त प्रसारण



Dr. Rajiv Mishra
Chief Agronomist, YARA India

The initiative was implemented under the guidance of the Ministry of Chemicals and Fertilizers, Government of India. Through community radio broadcasts, farmers and rural communities were provided with practical information on modern agricultural practices, balanced fertilizer application, soil health management, and sustainable farming techniques. The programme aimed to make relevant agricultural knowledge accessible to rural populations and encourage environmentally responsible farming practices.

आलू उत्पादन में जिंक व बोरॉन की भूमिका

एक पहल
रसायन एवं उर्वरक मंत्रालय (भारत सरकार)

“एग्रेही सुपर समाधान कार्यक्रम” 2.0

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समुदाय रेडियो 90.4 “आगरा की आवाज़”
(डॉ. भीमराव अम्बेडकर विश्वविद्यालय, आगरा)

का संयुक्त प्रसारण



B. Shashi Shekhar Pandey
Dean Agriculture Aggra, YARA India

Objectives

- To create awareness among farmers about modern agricultural practices.
- To promote balanced fertilizer use and effective soil health management.
- To disseminate useful agricultural information to rural communities through community radio.

- To encourage sustainable and environmentally friendly farming practices.

गन्ना-गेहूं-सरसों एवं मटर की अंतरफसली प्रबंधन

एक पहल
रसायन एवं उर्वरक मंत्रालय (भारत सरकार)

“एग्रीव्री सुपर समाधानम् कार्यक्रम” 2.0
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(डॉ. भीमराव अम्बेडकर विश्वविद्यालय, आगरा)
का संयुक्त प्रसारण

Mr. Shubham Attry
Regional Agronomist, YARA India

Sustainable Agriculture and Balanced Fertilizer Use Awareness Programme – 2025–2026

Outcomes

- Farmers gained greater awareness of modern and sustainable agricultural techniques.
- The programme improved understanding of soil health and balanced fertilizer application.
- Community radio proved to be an effective medium for reaching rural farming communities.
- The initiative contributed to promoting improved agricultural productivity and sustainable farming practices.

भारत में सतत कृषि से पोषण सुरक्षा

एक पहल
रसायन एवं उर्वरक मंत्रालय (भारत सरकार)

“एग्रीव्री सुपर समाधानम् कार्यक्रम” 2.0
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समुदाय रेडियो 90.4 “आगरा की आवाज़”
(डॉ. भीमराव अम्बेडकर विश्वविद्यालय, आगरा)
का संयुक्त प्रसारण

Ms. Varsha Vij
Managing Director, YARA India

Dr. Rajesh Rana
Sr. Manager - North India, YARA India

Farmer Awareness Programme on Soil Health and Sustainable Farming Practices – 2025–2026

➤ Yara India–DBRAU Farmer Awareness Initiative under Community Radio – 11 September 2025

Organized by: Dr. Bhimrao Ambedkar University, Agra

Collaborating Organization: Yara India

Date of MoU: 11 September 2025

Programme: Community Radio-Based Farmer Awareness Initiative

Community Radio: 90.4 “Agra Ki Awaz”

Category: Awareness and Sustainable Agriculture

On 11 September 2025, Dr. Bhimrao Ambedkar University, Agra, and Yara India re-signed a Memorandum of Understanding (MoU) with the objective of strengthening farmer awareness and knowledge dissemination through community radio. The initiative was undertaken under the aegis of the Ministry of Chemicals and Fertilizers, Government of India, with a focus on providing farmers with accessible and practical information related to modern agriculture and sustainable farming. The renewed MoU builds upon an earlier collaboration implemented during 2023–2024, through which several farmer-oriented outreach and awareness programmes were successfully broadcast through the University's Community Radio 90.4 “Agra Ki Awaz.”



Background of the Initiative

The earlier collaboration between the University and Yara India demonstrated the effectiveness of community radio as a medium for reaching rural communities. The programmes provided farmers with useful information on modern agricultural practices, efficient fertilizer use, soil and crop management, and sustainable farming techniques.

The success and outreach of these programmes also contributed to national-level recognition, with the radio initiative being selected as a semi-finalist in the Agriculture Category at the Waves Awards 2025. This recognition reflected the potential of community radio as an effective platform for agricultural knowledge transfer and farmer engagement.

Objectives of the Renewed MoU

The major objectives of the renewed collaboration were:

- To increase awareness among farmers about modern agricultural practices and technologies.
- To disseminate information on efficient and balanced fertilizer use.
- To promote soil health and sustainable agricultural practices.
- To provide farmers with practical and accessible agricultural knowledge through community radio.
- To strengthen collaboration among the University, agricultural experts, industry partners, and rural communities.
- To support government initiatives aimed at improving agricultural productivity and farmer welfare.
- To encourage environmentally responsible and resource-efficient farming practices.

Major Activities

Under the renewed MoU, Community Radio 90.4 “Agra Ki Awaz” serves as an important platform for broadcasting agricultural awareness programmes. The programmes are designed to communicate expert knowledge in an accessible manner and address practical issues faced by farming communities.



The broadcasts cover areas such as:

- Modern agricultural technologies and practices.
- Balanced and efficient fertilizer application.
- Soil health management.
- Crop nutrition and productivity improvement.
- Sustainable and environmentally friendly farming.
- Efficient use of agricultural inputs.
- Practical solutions to common farming challenges.

The involvement of agricultural experts and industry professionals further enhances the technical quality and practical relevance of the programmes.

The re-signing of the MoU between Dr. Bhimrao Ambedkar University, Agra, and Yara India on 11 September 2025 marks a significant continuation of their efforts to promote agricultural awareness through community-based communication. Building on the successful 2023–2024 collaboration, the renewed initiative aims to expand the dissemination of scientific and practical agricultural knowledge among farmers.

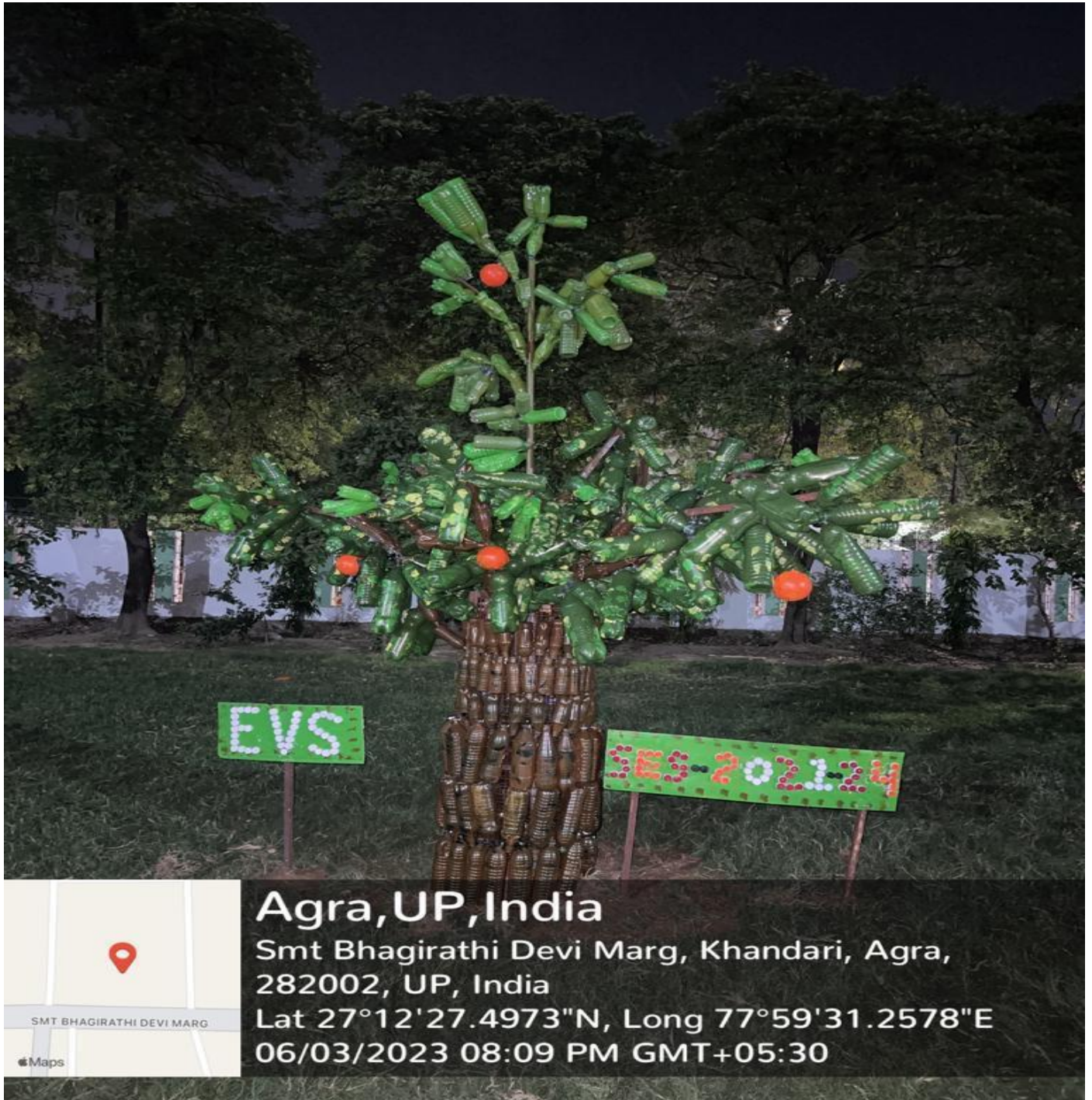
Through Community Radio 90.4 “Agra Ki Awaz,” the partnership provides an accessible platform for sharing information on modern agricultural practices, efficient fertilizer use, soil health, and sustainable farming. The initiative strengthens the University's commitment to community engagement, knowledge transfer, sustainable agriculture, and rural development, while supporting the broader objective of improving farmer welfare and agricultural productivity.

➤ **Waste Management and Environmental Conservation Activities – 2025–2026**

Objectives: Implement responsible waste management on campus

Methodology

- ✓ Segregation bins in all blocks
- ✓ Organic waste composting pit
- ✓ E-waste collection drive
- ✓ Awareness workshops





Outcomes

- ✓ 40% waste diverted from landfill
- ✓ Compost used in campus gardens
- ✓ Students trained as "Green Ambassadors"
- ✓ Waste segregation and composting initiative at DBRAU Campus
- **Rainwater Harvesting and Water Conservation Initiatives – University Campus**

Objectives: Ensure responsible water use and groundwater recharge

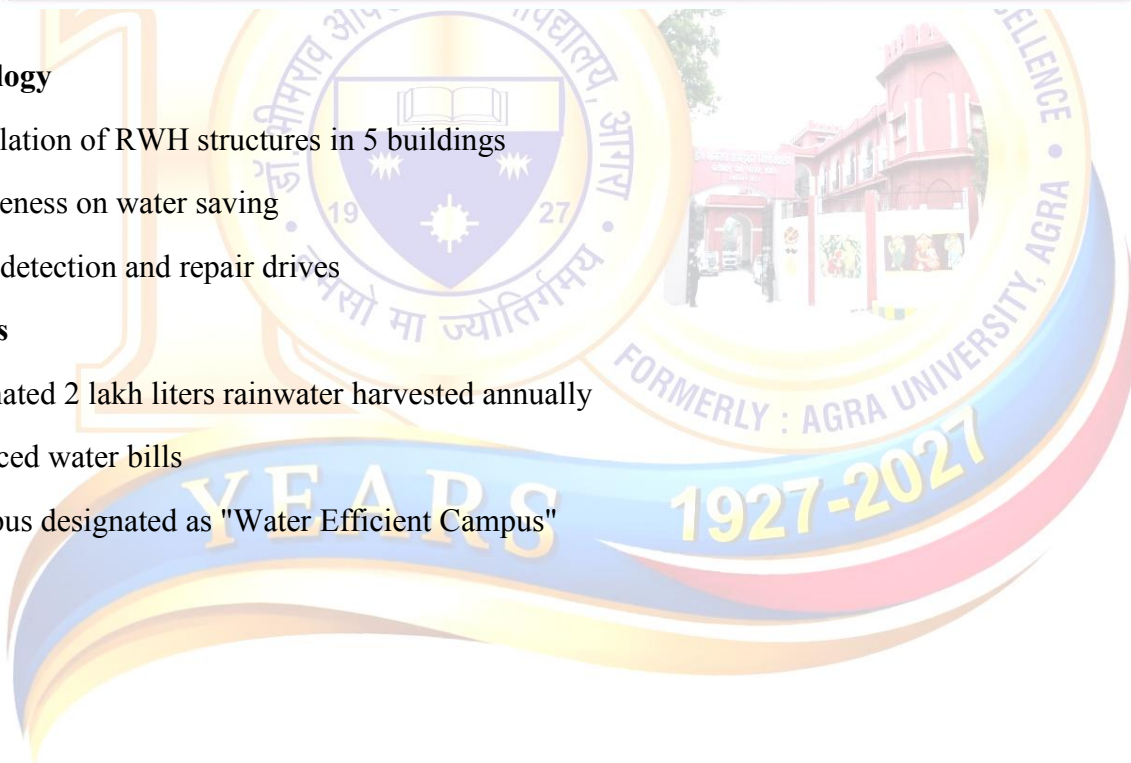


Methodology

- ✓ Installation of RWH structures in 5 buildings
- ✓ Awareness on water saving
- ✓ Leak detection and repair drives

Outcomes

- ✓ Estimated 2 lakh liters rainwater harvested annually
- ✓ Reduced water bills
- ✓ Campus designated as "Water Efficient Campus"





Dr. Bhimrao Ambedkar University, Agra
(Formerly: Agra University)
(A+ Grade, NAAC Accredited)

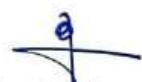
Date: 12/01/2026

TO WHOM IT MAY EVER CONCERN

Dr. Bhimrao Ambedkar University Agra has a central rain water harvesting management system for collecting large volume of water in case of rainstorms.


Prof. Manu Pratap Singh
(Director)

Director
Institute of Engineering & Technology
Dr. B. R. Ambedkar University
Khandari Campus, Agra


Ajay Mishra
PCS
(Registrar)

Registrar
Dr. B R A University, Agra

Rainwater harvesting structure installed at DBRAU Academic Block

➤ Solar PV Energy and Solar Geyser Installation Initiative – University Campus

Objectives: Shift to renewable energy for responsible consumption

Methodology

- ✓ Rooftop solar PV installation on 3 buildings
- ✓ Solar geysers in 2 hostels
- ✓ Monitoring through energy meters

Outcomes

- ✓ 150 kW solar capacity installed
- ✓ 25% reduction in electricity bill
- ✓ Carbon emission reduced by 120 tons/year



Rooftop solar panels installed at Khandari Campus, DBRAU

➤ Replacement of Conventional Tube Lights with LED Lighting – University Campus

Objectives: Energy efficiency and responsible electricity use

Methodology

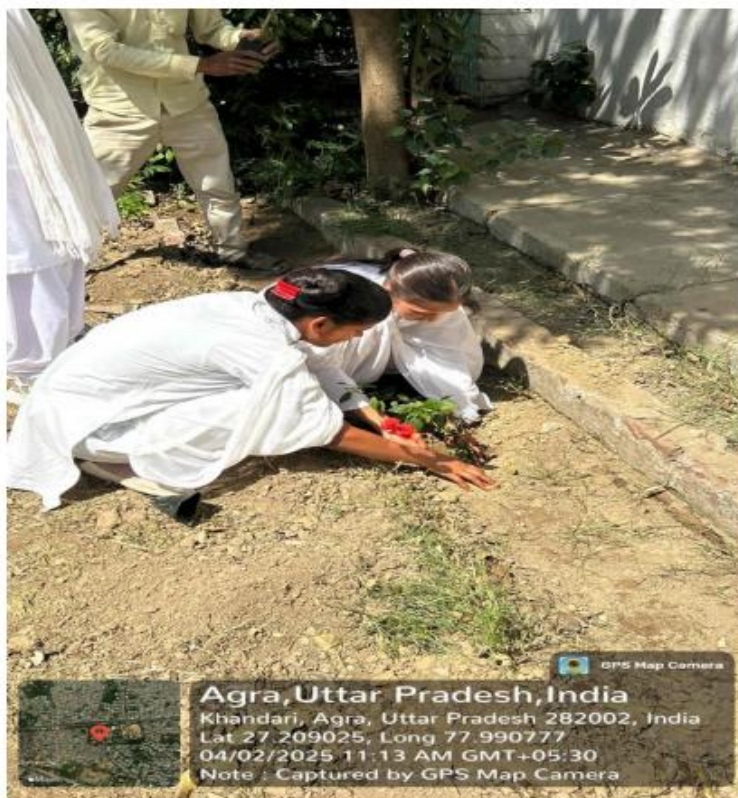
- ✓ Phase-wise replacement of 2000+ tube lights with LED
- ✓ Awareness on energy saving

Outcomes

- ✓ 35% reduction in lighting energy use
- ✓ Cost saving of Rs 12 lakh annually
- ✓ Better illumination on campus
- **Large-Scale Plantation and Green Campus Initiative – University Campus**

Objectives: Enhance green cover and biodiversity





Methodology

- ✓ Plantation drives in monsoon
- ✓ Maintenance of botanical garden

- ✓ "Ek Ped Maa Ke Naam" campaign

Outcomes

- ✓ 5000+ trees planted in 2 years
- ✓ Improved air quality and campus aesthetics
- ✓ Student volunteers engaged



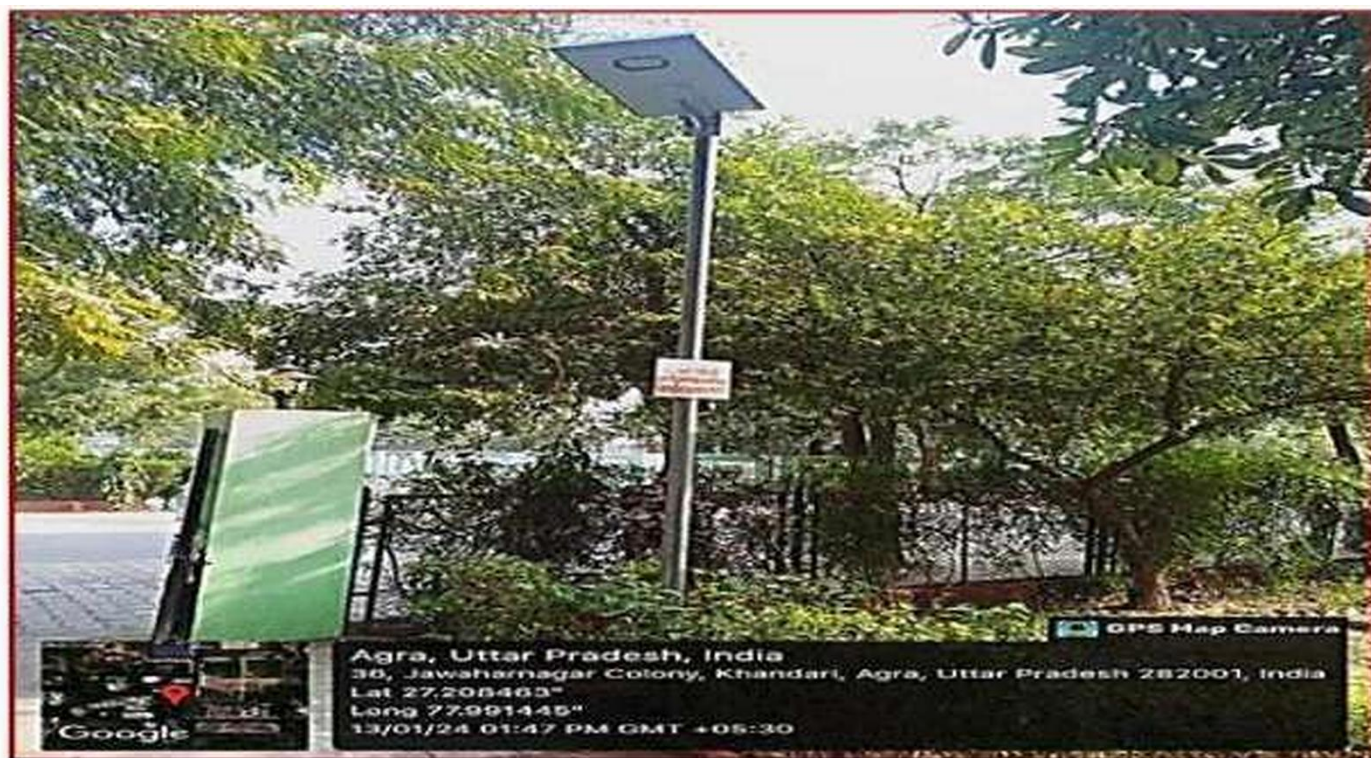




Green Campus Initiative: Students in plantation drive at DBRAU_

Solar cells & Renewable Energy

The university's recent energy audit has highlighted substantial cost savings achieved through the adoption of various energy-efficient and sustainable practices. The installation of solar PV systems and solar water-heating systems, along with the replacement of approximately 4,200 conventional tube lights with LED lighting, has resulted in annual electricity savings of more than 14.54 lakh kWh. Large-scale plantation activities across the campus have also contributed to a perceptible reduction in ambient temperature and improved the overall campus environment. Similarly, rainwater harvesting, water conservation, systematic waste management, and other resource-efficient practices have enhanced campus sustainability while reducing operational and maintenance costs. The digitization of admission, attendance, administrative, and examination processes has improved efficiency, speed, and accuracy while reducing paper consumption and associated expenditure.



Sensor-Based Energy Conservation in University

The increasing participation of students in environmental protection and sustainability initiatives is a positive indication of a growing culture of environmental responsibility. These collective efforts are expected to provide long-term benefits through improved air and water quality, reduced landfill waste, increased use of renewable energy, and a smaller institutional carbon footprint, thereby contributing to a cleaner, greener, and more sustainable future.

Solar Energy: The university's commitment to sustainable development shines through its integration of solar powersystems into its infrastructure. A substantial portion of the powerdemand is met by the energy generated through solar cells. It's imperative to minimize reliance on conventional energy sources and transition towards renewable resources. Currently, the university boasts two different capacities of solar cells, producing 60 kWh at the Khandari Campus and 70 kWh at the Challesar Campus.



University Solar Energy System

E-Waste Management

With technological advances, the demand for electronic gadgets and usage is increasing in a significant manner. These electronic goods impact our society in terms of providing comfort in our daily lives. However, they have become a major health and environmental hazard. Therefore, an appropriate approach is required for E-waste management and disposal. In this university, electronic waste (e-waste) is generated mainly from four sections: the Computer Science department, the administrative office, the Account office and the library. The Environment, Forest and Climate Change Ministry, Government of India introduced

the E-Waste Management Rules in 2016 which replaced the earlier rules of 2011, E-waste Management and Handling. It highlights that the producers must be accountable for E-waste collection and E-waste exchange which extends the producer's responsibilities. SCOPE E-waste broadly covers various electronic products such as computers, mobile phones, digital music recorders/players, refrigerators, washing machines, televisions (TVs), etc. Some of them contain toxic substances/chemicals like lead, zinc, barium, cadmium, mercury, beryllium, BFR, polyvinyl chloride and phosphor compounds that are released into the atmosphere and can hurt human health and the environment if not handled properly. Serious repercussions may arise for those in proximity to places where E-waste is recycled without proper recycling and disposal procedures.

E-waste management refers to the responsible handling, disposal, and recycling of electronic waste, or e-waste, which includes discarded electronic devices like computers, smartphones, televisions, and other electronic gadgets. E-waste management is crucial due to the rapid proliferation of electronic devices and their potentially harmful environmental impact if not disposed of properly.

E-waste management committee report

"Waste-to-Wealth" work in progress at Dr Bhimrao Ambedkar University



Iron scrap frame with old tyres being used to build a large globe sculpture



Finished painted globe sculpture with continents, made from recycled material

The Institute of Engineering and Technology, Swami Vivekanand Campus, Khandari, under Dr. Bhimrao Ambedkar University, Agra, is committed to ecological sustainability through renewable energy, resource conservation, and creative waste management.

Renewable Energy and Resource Efficiency

Solar power installations and water-efficient fittings like low-flow taps and sensor systems have been implemented across campus buildings. This has reduced electricity and water consumption while providing live learning for engineering students.

Waste-to-Wealth and Recycling Programme

Launched on March 5, 2026, the "Recycling and Sustainability" programme is an active, Waste materials such as iron scrap and old tyres are collected from workshops and repurposed instead of being discarded. Fine Arts students lead this "Waste-to-Wealth" initiative. As shown in the images, scrap iron is welded into large sculptures and old tyres are used as base supports. The globe sculpture demonstrates how waste is transformed into aesthetic campus assets that enhance ambience and promote environmental awareness. This creative reuse has generated wealth for the university through exhibitions and beautification projects, while giving students hands-on experience in sustainable design and entrepreneurship.

These initiatives foster environmental responsibility, reduce campus waste, and build a greener, more beautiful campus. Engineering and Fine Arts students collaborate to turn waste into value, reflecting the university's holistic approach to sustainability.

Agreement between University and Vishal Trading Company, Agra.

Biomedical Waste Management

Biomedical waste undergoes a stringent collection process to ensure it remains separate from other types of waste. Managed by Environment Waste Connections, this waste is deposited into biohazard waste boxes. Once filled, these boxes are sealed, appropriately labelled, and then transported in closed container vehicles to undergo proper treatment.

Collection of biomedical waste

Solid Waste Management

The University upholds stringent waste management protocols by implementing a system of three separate dustbins in every hostel, department, and administrative block. Each bin is designated for specific types of waste: one for biodegradable waste, another for non-biodegradable waste, and a third for chemical waste. This meticulous segregation facilitates the proper collection of garbage, ensuring that each type of waste is appropriately handled. Subsequently, the collected waste is transported to the municipal corporation in Agra for disposal in accordance with established regulations.

Compost Pit

Solid waste Bins

Solid waste collection in University premises in collaboration with Nagar Nigam Agra

Solid Waste Bins

Liquid Waste Management

The University has undertaken the installation of sewerage lines, a crucial infrastructure project aimed at enhancing sanitation and environmental sustainability on campus. The initiative was made possible through collaboration with the UP Jal Nigam, with a total investment of 167.45 Lacs. This infrastructure upgrade not only contributes to the overall cleanliness and hygiene of the University but also aligns with broader environmental goals, promoting efficient wastewater management and reducing pollution.

Demand Notice of U.P. Jal Nigam

➤ **MoU between UP Jal Nigam and University (Shivaji Maharaj Auditorium Hall)**

Organization: Dr. Bhimrao Ambedkar University, Agra

Date of MoU: September 2018

Project: Construction of Shivaji Maharaj Auditorium Hall and Administrative Entrance

Location: Khandari Campus, Dr. Bhimrao Ambedkar University, Agra

Proposed Capacity: 1,300 persons

Estimated Project Cost: 2,000.00 lakh

Construction Agency: C&D.S., U.P. Jal Nigam, Agra

Dr. Bhimrao Ambedkar University, Agra entered into a Memorandum of Understanding (MoU) with the Construction and Design Services (C&D.S.), U.P. Jal Nigam, Agra, for the construction of the proposed Shivaji Maharaj Auditorium Hall and Administrative Entrance at the University's Khandari Campus. The proposed facility was planned with a seating capacity of approximately 1,300 persons, with the objective of strengthening the University's infrastructure for academic, cultural, administrative, and institutional activities. The estimated project cost mentioned in the MoU was Rs 2,000.00 lakh.

Purpose of the MoU

The primary purpose of the MoU was to establish a formal framework between the University and the construction agency for the execution of the proposed auditorium and associated administrative entrance facilities. The project was intended to provide the University with a suitably designed large-capacity facility for organizing:

- Academic conferences and seminars.
- Workshops and lectures.
- Cultural and co-curricular programmes.
- University functions and convocations.
- Administrative and institutional events.
- Other programmes involving large numbers of participants.

Project and Construction Agency

As specified in the MoU, C&D.S., U.P. Jal Nigam, Agra was responsible for undertaking the construction work as a deposit work on behalf of the University. The project involved the construction of the Shivaji Maharaj Auditorium Hall and Administrative Entrance at the Khandari Campus. The proposed auditorium was designed to accommodate approximately 1,300 persons, thereby providing the University with substantial additional capacity for large-scale academic and institutional programmes.

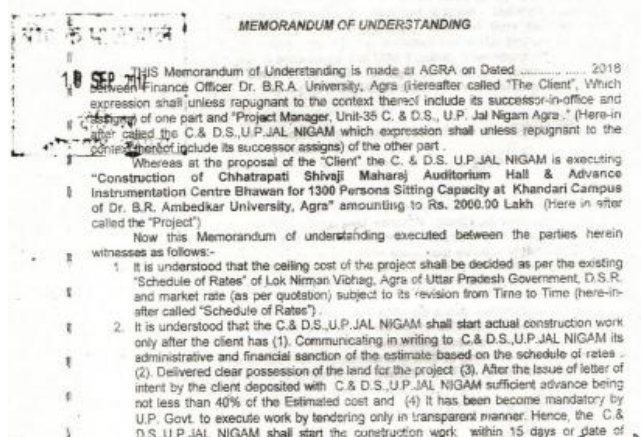
Project Cost and Rate Structure

The MoU specified an estimated project cost of approximately Rs 2,000.00 lakh. The actual cost of construction was to be determined on the basis of the work executed and the applicable rates. The construction agency was required to follow the applicable Schedule of Rates of the Lok Nirman Vibhag (PWD), Government of Uttar Pradesh, together with applicable market rates and approved quotations wherever necessary.

The MoU also provided that the actual cost would be based on the quantities and specifications of work actually executed. In the event of variation between the estimated and actual cost, the final payment would be regulated according to the provisions and conditions specified in the agreement.

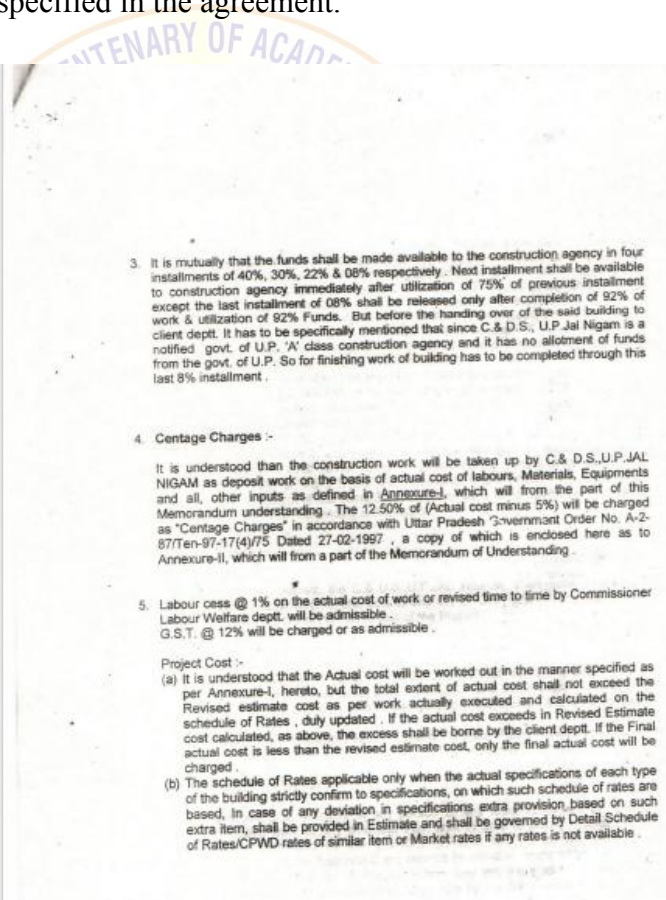


उत्तर प्रदेश UTTAR PRADESH DS 370807



Fund Release Mechanism

The MoU established a phased mechanism for making funds available to the construction agency. The funds were to be released in four instalments of 40%, 30%, 22%, and 8%, respectively. The subsequent instalments were linked with utilization of the preceding funds. In general, approximately 75% of the previous instalment was required to be utilized before release of the next instalment. The final instalment of 8% was associated with substantial completion and utilization of approximately 92% of the sanctioned funds, as specified in the MoU. This mechanism was intended to ensure systematic financial management and linkage between the release of funds and progress of construction.



Conditions for Commencement of Work

The construction agency was required to commence the project after fulfillment of the prescribed administrative, financial, and site-related requirements.

These included:

- Communication of the administrative and financial sanction by the University.
- Availability and clear possession of the construction site.
- Issuance of the required Letter of Intent/authorization by the University.
- Availability of the required funds with the construction agency.
- Compliance with applicable government procedures for execution and tendering of the work.
- Approval of the relevant estimates, drawings, specifications, and construction requirements.

The MoU also emphasized compliance with the applicable government norms and procedures for transparent execution of the construction work.

Centage Charges and Statutory Deductions

The MoU provided for centage charges of 12.50% on the applicable construction cost, in accordance with the relevant Government of Uttar Pradesh provisions mentioned in the agreement.

Other statutory charges were also applicable, including: Labour cess: 1% of the actual cost of the work, or as revised by the competent authority.

GST: Applicable at the prevailing rate as specified under the relevant provisions. These provisions were incorporated to ensure compliance with applicable statutory and governmental requirements.

Project Cost Management

The MoU specified that the final project cost would be determined according to the actual work executed. Where the actual cost exceeded the revised estimated cost, the additional expenditure was subject to the provisions of the agreement and the responsibility of the concerned parties. Similarly, where the actual expenditure was lower than the revised estimate, payment was to be restricted to the actual cost of the work executed. Any additional or substituted items of work were to be governed by the applicable Schedule of Rates, approved market rates, or other provisions specified in the MoU.

Expected Benefits of the Project

The proposed auditorium was expected to significantly enhance the University's institutional infrastructure. With a capacity of approximately 1,300 persons, the facility would provide an appropriate venue for large-scale academic and cultural activities.

The project was expected to:

- Increase the University's capacity to host major academic events.
- Provide improved facilities for seminars, conferences, workshops, and lectures.
- Support cultural and extracurricular activities.
- Facilitate large university-level functions.
- Strengthen the University's infrastructure for academic and administrative engagement.
- Provide a dedicated venue for interaction among students, faculty, researchers, invited experts, and other stakeholders.

Significance of the MoU

The MoU represents an important infrastructure-development initiative of Dr. Bhimrao Ambedkar University, Agra. The planned auditorium and administrative entrance were intended to provide modern institutional facilities capable of supporting the University's expanding academic, cultural, and administrative requirements. The partnership with C&D.S., U.P. Jal Nigam, Agra provided an institutional mechanism for undertaking the project through a government construction agency while incorporating provisions for financial control, phased fund release, approved rates, statutory charges, and monitoring of project expenditure.

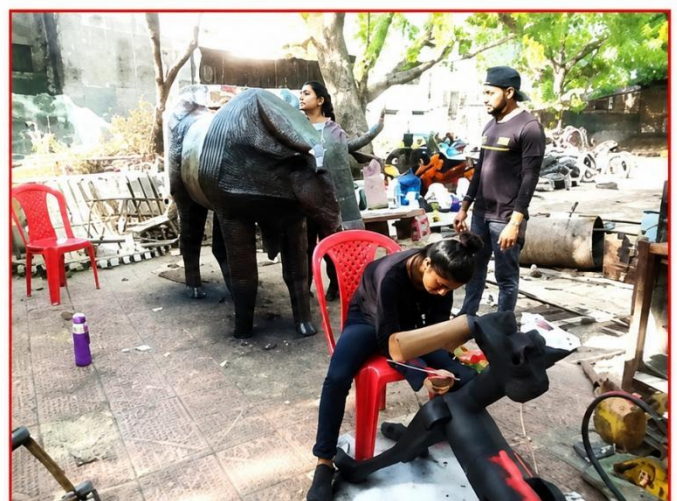
Waste Recycling System

The University aims to foster a waste recycling movement through artistic innovation, utilizing waste materials to generate creative ideas. Additionally, it aims to bolster interpersonal skills to generate value from waste, contributing to environmental sustainability.

Painting and finishing



Paras, MFA, painting on peacock



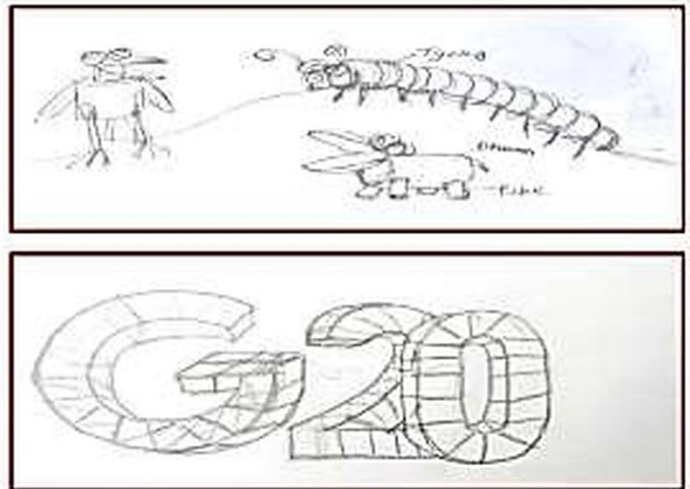
Dinesh, Charul and Priya, BFA, painting on Bull and Dog

Dr. Bhimrao Ambedkar University, Agra has established a systematic **e-Waste Management System** to facilitate the safe collection, handling, and disposal of electronic waste generated across the campus. E-

waste comprises discarded electrical and electronic equipment, including computers, laptops, printers, mobile phones, televisions, and various other electronic devices. The university manages such waste in accordance with prescribed procedures and applicable government guidelines. Obsolete, damaged, and non-functional electronic items are identified and segregated before being handed over to authorized agencies for disposal in compliance with statutory requirements. Institutional committees and administrative directives have been established to supervise and monitor the e-waste disposal process, ensuring environmental protection and regulatory compliance. This initiative contributes to reducing the environmental risks associated with improper e-waste disposal while promoting a clean, sustainable, and environmentally responsible campus.



Different types of Scraps in the university



Sanskriti, a student of BFA making drawing



Installation at Waste to wonder park, Fatehabad Road, Agra

Scrap metal artifacts of prepared by students and faculty of university at waste to wonder park, Fatehabad road, Agra



Tortoise 5 Ft length by Brijesh Chandel (BFA) Cost Worth Rs.80k



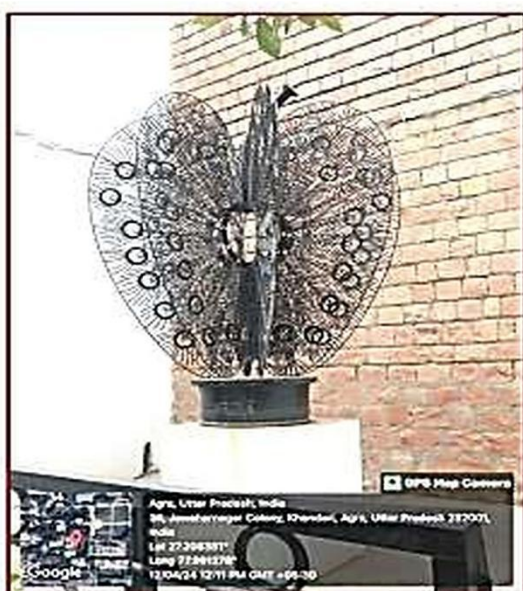
Installations at Vivekanand Parisar, University Campus



Abstract, Deepak Paunikar, Worth Rs. 3 Lacs



Anahad, Kishor Thakur, Worth Rs. 5 Lacs



Apple, Prabhakar Singh, Worth Rs. 6 Lacs



Face, Dr. Ganesh Kushwah, Worth Rs. 6 Lacs



**Kawach, 4x3x2ft., Ravi Dube(MFA), Cardboards and Paper
Worth Rs. 50k**



Leaf painting through nailing by students on World Sparrow Day

Painting without paint: Murals out of Domestic Waste



**Art works by BFA First Year students through waste material under painting
without paint concept each cost approximate Worth Rs. 10k**



डॉ० भीमराव आंबेडकर विश्वविद्यालय, आगरा
(पूर्ववर्ती: आगरा विश्वविद्यालय, आगरा)



कार्यवृत्त

विश्वविद्यालय के आवासीय संस्थानों/विभागों में अप्रयुक्त ई-वेस्ट सामग्री के निस्तारण हेतु गठित समिति की बैठक दिनांक 28.10.2022 का कार्यवृत्त

महो. कुलपति जी के आदेश दिनांक 25.10.2022 के द्वारा गठित e-waste material समिति की बैठक दिनांक 28.10.2022 को निदेशक कक्ष, दाऊद हजाल संस्थान, खंडारी परिसर में पूर्वाह्न 01:00 बजे आयोजित की गयी।

बैठक में निम्नलिखित सदस्य उपस्थित हुए—

1. प्रो० सत्य कल्याण, निदेशक, दाऊद हजाल संस्थान, खंडारी।
2. प्रो० मनु प्रताप सिंह, निदेशक, आईआईटीओ, खंडारी।
3. प्रो० अनिल गुप्ता, प्रभारी, विश्वविद्यालय कम्प्यूटर केंद्र, खंडारी।
3. सहायक कुलसचिव, प्रशासन।

सर्वप्रथम बैठक में सत्यकल्याण द्वारा सभी सदस्यों का स्वागत किया गया सदोपस्थान बैठक प्रारम्भ किये जाने का अनुरोध किया।

बैठक में विश्वविद्यालय के विभिन्न परिसरों के संस्थानों/विभागों में भारी मात्रा में अप्रयुक्त e-waste material (कम्प्यूटर, फ्लैटबैट, मॉनिटर, माइक, माउस, प्रिंटर, स्काइप, फ्लैशड्राइव, एसीओ, इन्वर्टर, टीवी, इत्यादि) के निस्तारण किये जाने हेतु निम्नलिखित सुझाव/निर्णय लिये गये हैं—

1. सर्वप्रथम बैठक में निर्णय लिया गया कि e-waste material के निस्तारण हेतु विशाल ट्रेडिंग कम्पनी, आगरा द्वारा प्रस्तावित गये प्रस्ताव के संदर्भ में विशाल ट्रेडिंग कम्पनी, आगरा एवं डॉ० भीमराव आंबेडकर विश्वविद्यालय, आगरा के साथ अनुबंध (MoU) करने पर सहमति प्रदान की गयी।
2. विशाल ट्रेडिंग कम्पनी, आगरा एवं विश्वविद्यालय के मध्य होने वाले MoU का प्रस्ताव सर्वसम्मति के साथ तैयार किया गया। (प्रस्ताव संलग्न)
3. समिति के द्वारा यह भी निर्णय लिया गया कि विश्वविद्यालय के आवासीय परिसरों में जो ई-वेस्ट सामग्री एवं सोलिड वेस्ट सामग्री अप्रयुक्त रूप से रखी है जिसके निस्तारण हेतु विशाल ट्रेडिंग कम्पनी एवं डॉ० भीमराव आंबेडकर विश्वविद्यालय, आगरा के मध्य हुए MoU के अनुसार निस्तारण कराया जाये।

उपरोक्त की क्रियान्वयन हेतु महो. कुलपति जी के अनुमोदन प्राप्त किया जाना भी उचित होगा।

सहायक कुलसचिव,
प्रशासन

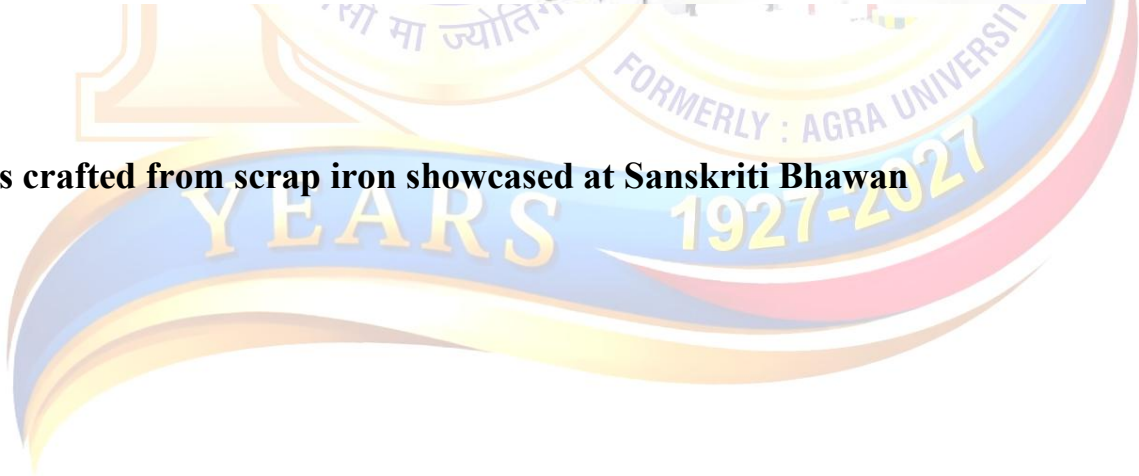
(प्रो० अनिल गुप्ता)

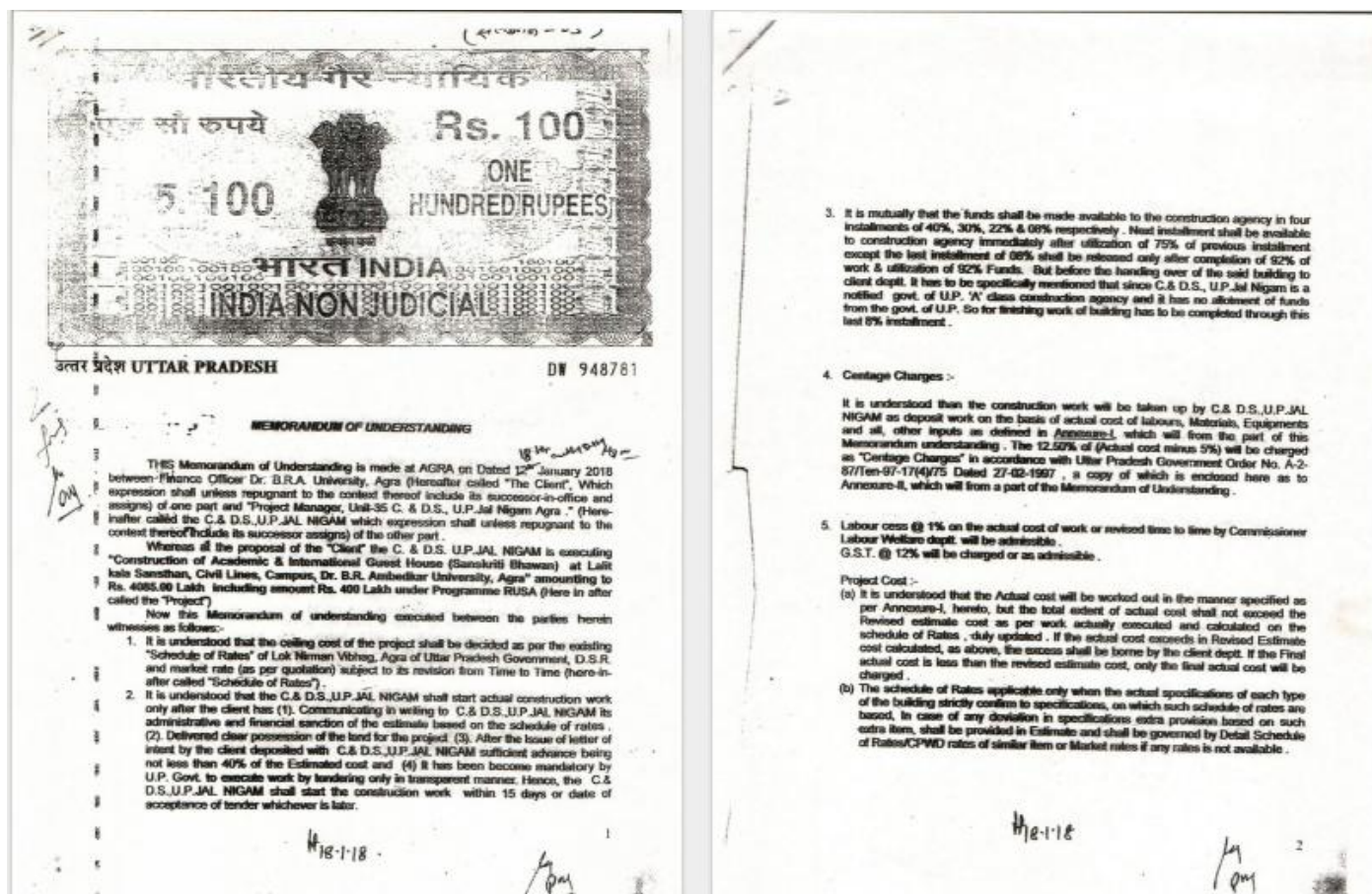
(प्रो० मनु प्रताप सिंह)
28/10/22

(प्रो० सत्य कल्याण)

approved
Ashu Za -
28/10/22

Artifacts crafted from scrap iron showcased at Sanskriti Bhawan





➤ Report on Memorandum of Understanding for Construction of Academic and International Guest House

Organization: Dr. Bhimrao Ambedkar University, Agra

Date of MoU: 12 January 2018

Location: Agra, Uttar Pradesh

Project: Construction of Academic & International Guest House (Sanskriti Bhawan), Civil Lines Campus, Dr. B.R. Ambedkar University, Agra

Construction Agency: C&D.S., U.P. Jal Nigam, Agra

Funding Component: RUSA – Rs 400 lakh

Dr. Bhimrao Ambedkar University, Agra entered into a Memorandum of Understanding (MoU) on 12 January 2018 with the C&D.S., U.P. Jal Nigam, Agra for execution of the construction project of an Academic and International Guest House (Sanskriti Bhawan) at the Civil Lines Campus of the University. The MoU establishes the responsibilities, financial arrangements, construction procedures, and terms governing implementation of the project.

The MoU was executed between the Finance Officer, Dr. B.R.A. University, Agra, representing the University as the Client, and the Project Manager, Unit-35, C&D.S., U.P. Jal Nigam, Agra, representing the construction agency.

Purpose of the MoU

The primary purpose of the MoU was to establish a formal framework for the construction of the Academic and International Guest House at the University's Civil Lines Campus. The project was proposed to strengthen the University's infrastructure and provide appropriate accommodation and facilities for academic, institutional, and international visitors. The project proposal included a RUSA-supported component of Rs 400 lakh, as specifically mentioned in the MoU.

Project Cost and Rate Structure

As per the MoU, the cost of the project was to be determined on the basis of the prevailing Schedule of Rates of the Lok Nirman Vibhag (PWD), Agra, Government of Uttar Pradesh, along with applicable market rates and quotations. The Schedule of Rates was subject to revision from time to time. The MoU provides that the actual cost of the work would be calculated on the basis of the work actually executed and the applicable rates. The total actual cost was not to exceed the revised estimated cost. In case the actual cost exceeded the revised estimate, the additional expenditure was to be borne by the Client, whereas if the final actual cost was lower than the revised estimate, payment would be restricted to the actual cost.

Conditions for Commencement of Construction

The construction agency was required to commence the actual construction work only after fulfillment of specified conditions, including:

- Written communication from the Client regarding administrative and financial sanction of the estimated cost.
- Delivery of clear possession of the project land to the construction agency.
- Issuance of the Letter of Intent by the Client.
- Deposit of sufficient advance funds with the construction agency, as stipulated in the MoU.
- Compliance with the applicable Government requirements relating to transparent tendering and execution of works.

The construction agency was required to commence the construction work within the prescribed period after acceptance of the tender, subject to fulfillment of the above conditions.

Fund Release Mechanism

The MoU specified that project funds would be released to the construction agency in four instalments of 40%, 30%, 22%, and 8%, respectively. The subsequent instalments were to be released after utilization of approximately 75% of the preceding instalment. The final 8% instalment was to be released only after completion of approximately 92% of the work and utilization of 92% of the funds. The MoU further recognized the construction agency as a State Government construction agency and provided for completion of the building through the stipulated funding mechanism.

Construction and Centage Charges

The construction work was to be undertaken by C&D.S., U.P. Jal Nigam as deposit work on the basis of the actual cost of labour, materials, equipment, and other inputs specified in the relevant annexures. The MoU provided for centage charges of 12.50%, calculated in accordance with the applicable Government of Uttar Pradesh order and the terms specified in the agreement. Labour cess: 1% of the actual cost of the work, or as revised by the competent authority from time to time. GST: 12%, as applicable under the terms stated in the MoU.

Monitoring and Financial Accountability

The MoU established a mechanism for linking fund release with physical and financial progress of the project. The requirement for utilization of a substantial portion of each preceding instalment before release of the next instalment was intended to ensure effective utilization of funds and maintain financial discipline. The actual project cost was to be determined based on the quantities and specifications of work executed at the applicable Schedule of Rates. Any revisions in specifications or additional items were to be incorporated through appropriate estimates and governed by the relevant Schedule of Rates, CPWD rates, or approved market rates where applicable.

Expected Benefits of the Project

The construction of the Academic and International Guest House was expected to strengthen the University's physical infrastructure and support its academic and institutional activities. The facility would provide suitable accommodation for:

- Visiting faculty members and academic experts.
- International guests and collaborators.
- Researchers and scholars.
- Participants in conferences, seminars, workshops, and academic programmes.
- Other authorized institutional visitors.

The project therefore represents an important infrastructure initiative supporting the University's academic, research, and international engagement activities.

The Memorandum of Understanding dated 12 January 2018 between Dr. Bhimrao Ambedkar University, Agra and C&D.S., U.P. Jal Nigam, Agra established a structured framework for the construction of the Academic and International Guest House (Sanskriti Bhawan) at the University's Civil Lines Campus. The MoU clearly defined the responsibilities of the Client and construction agency, project cost determination, fund-release mechanism, construction conditions, applicable charges, and financial accountability. The inclusion of a Rs 400 lakh RUSA funding component demonstrates the importance of the project in strengthening institutional infrastructure.

➤ **University student's installation featuring plastic pipes exhibited during G-20 Summit Activities**

Casting and Installation



Work in progress on Molding for Cube



Making for Pillar in segregation Land Waste Bio Mass

Preparation of Maquettes



Sanskriti, Prachi, Charul and Mohit (BFA) working on Maquettes



Straw Maquette for Melting Ice Cube sculpture

➤ Green Campus Initiatives

Activities-1:

Organized by Dr. Bhimrao Ambedkar University, Agra

Educational Tour on Environmental awareness on the occasion of World Tourism Day dated on 27th September, 2025

Description: On the occasion of World Tourism Day, students of the Institute of Tourism and Hotel Management went for an Educational Tour of major tourist destinations in and around Agra. The activity was organized with the aim of studying tourism development and promoting awareness about Sustainable Tourism and Environment among the students. Students of the Institute visited sites such as Sur Sarovar Bird Sanctuary (Keetham) and the Agra Bear Rescue Centre with the support of the Department of Forest, UP, Uttar Pradesh Tourism Department and the Ministry of Tourism and Culture, Uttar Pradesh. A total of 35 students participated in this to understand tourism potential and conservation practices. The initiative provided practical exposure and enhanced students' understanding of Environmental Awareness, Destination Management and Sustainable Tourism.

Year: 2025

Above given Category: Environmental awareness

Achievements/outcomes: The initiative provided practical exposure and enhanced students' understanding of Environmental Awareness, Destination Management and Sustainable Tourism. Photographs:



विश्व पर्यटन दिवस पर छात्रों ने किया पर्यटन स्थलों का सर्वेक्षण



आगरा (एनएनआई)। विश्व पर्यटन दिवस पर डॉ. भीमराव अंबेडकर विश्वविद्यालय के पर्यटन और होटल प्रबंधन संस्थान के छात्र-छात्राओं ने शहर के आसपास के प्रमुख पर्यटन स्थलों पर विकास की संभावनाओं को तलाशने की सर्वेक्षण भ्रमण किया। उत्तर प्रदेश पर्यटन विभाग और मिनिस्ट्री ऑफ टूरिज्म एंड कल्चर, उत्तर प्रदेश के सहयोग से आयोजित भ्रमण में संस्थान की डॉ. अंजली कुमारी, अमित कुमार साहू और सुश्री विभा माथुर के नेतृत्व में छात्रों की टीम ने सूरदास बर्ड सैंक्रुअरी, कीथम झील,

सूरदास जन्मस्थली (सूरकुटी एवं अंध विद्यालय) और भालू संरक्षण केंद्र का भ्रमण किया। इस दौरान छात्रों ने पर्यटन विकास पर एनालिसिस आधारित अध्ययन किया। सर्वेक्षण की रूपरेखा तरुण कुमार राणा ने तैयार की। इस शैक्षिक भ्रमण में संस्थान के विभिन्न पाठ्यक्रमों के लगभग 35 छात्र-छात्राओं ने भाग लिया। सर्वेक्षण का उद्देश्य आगरा और आसपास के पर्यटन स्थलों पर नई सुविधाओं का सृजन कर पर्यटकों को आकर्षित करना और पर्यटन विकास की संभावनाओं को उजागर करना रहा।

छात्रों ने किया पर्यटन स्थलों का भ्रमण



विश्व पर्यटन दिवस पर डॉ. भीमराव अंबेडकर यूनिवर्सिटी पर्यटन एवं होटल प्रबंधन संस्थान के छात्र-छात्राओं ने पर्यटन स्थलों का भ्रमण किया। उत्तर प्रदेश पर्यटन विभाग व मिनिस्ट्री ऑफ टूरिज्म एंड कल्चर, उत्तर प्रदेश के सहयोग से आयोजित भ्रमण कार्यक्रम में डॉ. अंजली कुमारी, अमित कुमार साहू, विभा माथुर के नेतृत्व में छात्रों की टीम ने सूरदास बर्ड सैंक्रुअरी, कीथम झील, सूरकुटी व अंध विद्यालय, भालू संरक्षण केंद्र का भ्रमण किया। इस भ्रमण के दौरान छात्रों ने पर्यटन विकास पर अध्ययन किया। संस्थान के निदेशक प्रो. यूएन शुक्ला, क्षेत्रीय पर्यटन अधिकारी शशित सिंह तरुण कुमार राणा के सहयोग से आयोजित भ्रमण कार्यक्रम तरुण कुमार राणा सहित 35 छात्र छात्राएं शामिल हुए।

स्वदेश

आगरा - मुख्य संस्करण
28 Sept 2025

विश्व पर्यटन दिवस पर विवि के 35 छात्रों ने किया पर्यटन स्थलों का भ्रमण

सूरकुटी में सर्वेक्षण भ्रमण करते विवि के छात्र-छात्राएं।

आगरा। विश्व पर्यटन दिवस के अवसर पर विवि के पर्यटन एवं होटल प्रबंधन संस्थान के 35 छात्र-छात्राओं ने उग्र पर्यटन विभाग और तथा मिनिस्ट्री ऑफ टूरिज्म एंड कल्चर के सहयोग से शहर एवं आसपास के प्रमुख पर्यटन स्थलों का शनिवार को सर्वेक्षण भ्रमण किया। संस्थान के संकाय सदस्य डॉ. अंजली कुमारी, अमित कुमार साहू और विभा माथुर ने छात्रों की टीम को सूरदास बर्ड सैंक्रुअरी, कीथम झील, सूरदास जन्मस्थली सूरकुटी और भालू संरक्षण केंद्र का भ्रमण कराया। सर्वेक्षण की रूपरेखा संस्थान के शोध छात्र एवं पर्यटन विभाग के रिसर्च एसोसिएट तरुण कुमार राणा ने तैयार की।

Activities-2

Workshop on – How to Use Waste Management Recycle dated 28th October, 2025

Description: A vibrant workshop on 'How to Use Waste Management Recycle' was held in the Institute of Tourism and Hotel Management, where participants learned to create colorful art cuttings from discarded papers. The focus of this workshop was on recycling the waste, responsible consumption and reuses the material. Mr. Ravindra Roy (Unique Art and Recycling Creativity, India) demonstrated innovative ways to recycle waste into decorative and eco-friendly crafts, combining creativity with environmental awareness. Dr. Anjali Kumari has given her view on recycling of the waste product while Prof. U N Shukla elaborated

the meaning and concept of the waste management. He also shared his views on waste management for the eco-friendly environment.

Year: 2025

Above given Category: Waste segregation and recycling system

Achievements/outcomes: The initiative provided practical exposure and enhanced students' understanding of recycling the waste, responsible consumption and reuse of the materials. **Photographs:**



Activities-3

National Tourism Day Celebration – Seminar and Quiz Contest dated 25th January 2026.

Description: On this occasion, the Institute has organized a one-day seminar and quiz competition on the theme of 'Rural and Community-Centric Tourism in association with Baikunthi Devi Kanya Mahavidyalaya, Agra and Dr. MPS Memorial College of Business Studies Sikandara, Agra under the guidance of the Honorable Vice-Chancellor, Professor Ashu Rani. In this event, students of B.Sc. Tourism and Hospitality Operations from Baikunthi Devi Kanya Mahavidyalaya, Agra, and Dr. MPS Memorial College of Business Studies, Agra participated jointly with the students of Institute of Tourism and Hotel Management. In the Seminar, Prof. U N Shukla (Director, ITHM), Prof. Lavkush Mishra (ITHM), Mr. Shailesh Singh (BDK Mahavidyala, Agra), Mr. Himanshu Arya (Dean of Tourism and Hospitality, Dr. MPS Memorial College of Business Studies, Agra) and Mr. Amit Kumar Sahu (Faculty ITHM) graced the dais. Addressing the seminar with his key note speech Prof. U N Shukla thrown the light on rural and community-centered tourism and stated that while extensive work has been done in historical tourism, cultural tourism, religious tourism,

adventure tourism, and wildlife tourism, but comparatively less attention has been given by governments for the development of rural and community tourism. This is despite the fact that India is an agricultural country and rural life plays a central role in its culture. He emphasized that there are immense possibilities to promote tourism through rural culture, local cuisine, traditional festivals, green and farming tourism, and agricultural tourism. Mr. Himanshu Arya also shared his thoughts, expressing his belief that tourism is an extremely essential subject for human happiness. Mr. Shailesh Singh highlighted both the direction and condition of tourism in Uttar Pradesh. Mr. Amit Sahu underlined the importance of hotel management within the tourism sector, while Professor Mishra spoke on cultural tourism. “The quiz competition was conducted on above theme” in two stages. In the first stage, 50 objective-type questions were included in a written examination. Subsequently, the top six students from the written examination were invited for the oral round. In the oral examination, questions were asked across six rounds related to green tourism, sustainable eco-friendly practices in hotel industry, history, general knowledge, Uttar Pradesh–specifics and India-specifics. Separate rounds were developed for each subject. In both stages of the competition, students from ITHM secured the “**first position- Rohit Sharma**” (PGDHTM), second position- Pawan (PGDHTM), and third position- Manav Agarwal (BHMCT-VIII Sem). The competition concluded with the distribution of certificates to all students. Faculty members Ms. Vibha Mathur, Dr. Aparna, Dr. Anjali, Mr. Ranjit, Mr. Amit Kumar Sahu, and Sakshi Tiwari played a key role in the successful organization of the program.

Year: 2026

Above given Category: Cleanliness and sanitation initiatives, Water conservation awareness activities, Tree plantation, Green landscaping.

Achievements/outcomes: Participants gained knowledge about environmental conservation through discussions on tree plantation, water conservation, cleanliness, green landscaping, and renewable energy awareness. The event strengthened understanding of the role of rural tourism in promoting environmental protection, local culture, and community participation. The programme motivated participants to contribute towards creating sustainable, clean, and environmentally responsible tourism destinations.



DR. BHIMRAO AMBEDKAR UNIVERSITY, AGRA
INSTITUTE OF TOURISM AND HOTEL MANAGEMENT SANSKRITI BHAWAN, AGRA
Conducting
Quiz Competition & Seminar
On the theme of
Rural and Community- Centric Tourism
On the occasion of
National Tourism Day – 2026
(25th January, 2026)
In association with
Baikunthi Devi Kanya Mahavidyalaya, Agra and
Dr. MPS Memorial College of Business Studies Sikandara, Agra

Prof. U N Shukla Director ITHM, Sanskriti Bhawan, Agra	Prof. Poonam Singh Principal BDK Mahavidyalaya, Agra	Prof. A K Goyal Director (Admin) Dr. MPS Memorial College, Agra
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Date : 25th January, 2026
 Timing : 11:00 AM onwards
 Venue: ITHM, Sanskriti Bhawan Agra

पर्यटन मानव खुशी के लिए अत्यधिक आवश्यक: प्रोफेसर शुक्ला

ग्रामीण एवं सामुदायिक पर्यटन भारत की अर्थव्यवस्था का मजबूत आधार

आगरा (एनएनआई)। राष्ट्रीय पर्यटन दिवस के उपलक्ष में पर्यटन एवं होटल प्रबंधन संस्थान डॉ भीमराव अंबेडकर विश्वविद्यालय में ग्रामीण और सामुदायिक केन्द्रित पर्यटन पर कुलपति प्रोफेसर आशू रानी के मार्गदर्शन में एक दिवसीय सेमिनार का आयोजन किया गया। सेमिनार में बैकुंठी देवी कन्या



महाविद्यालय तथा डॉक्टर एमपीएस मेमोरियल कॉलेज ऑफ बिजनेस स्टडीस के बीएससी टूरिज्म एंड हॉस्पिटैलिटी ऑपरेशंस के विद्यार्थियों ने संस्थान के पर्यटन एवं होटल प्रबंधन के छात्रों के साथ मिलकर सहभागिता निभाई। इस अवसर पर मंचासीन अतिथियों में संस्थान के निदेशक व डीन ऑफ मैनेजमेंट प्रोफेसर यू एन शुक्ला, प्रो लव कुश मिश्रा, अमित कुमार साहू, हिमांशु आर्या, शैलेश सिंह उपस्थित रहे। इस अवसर पर संस्थान द्वारा विद्यार्थियों हेतु एक प्रश्नोत्तरी प्रतियोगिता का आयोजन किया गया जिसमें तीनों संस्थानों आई टी एच एम, बैकुंठी देवी तथा एमपीएस कॉलेज के पर्यटन एवं होटल प्रबंधन के छात्रों ने प्रतिभाग किया। इस कार्यक्रम में विभा माथुर, डॉ अपर्णा, डॉ अंजली, रंजीत, अमित कुमार साहू व साक्षी तिवारी आदि शिक्षकों ने कार्यक्रम को संपन्न कराने में मुख्य भूमिका अदा की।

ग्रामीण एवं सामुदायिक पर्यटन भारत की अर्थव्यवस्था का मजबूत आधार

वॉइस ऑफ आगरा

आगरा। ग्रामीण एवं सामुदायिक पर्यटन भारत की अर्थव्यवस्था का मजबूत आधार राष्ट्रीय पर्यटन दिवस के उपलक्ष में पर्यटन एवं होटल प्रबंधन संस्थान डॉ भीमराव अंबेडकर विश्वविद्यालय आगरा में ग्रामीण और सामुदायिक केन्द्रित पर्यटन पर माननीय कुलपति प्रोफेसर आशू रानी के मार्गदर्शन में एक दिवसीय सेमिनार का आयोजन किया गया इस सेमिनार में बैकुंठी देवी कन्या महाविद्यालय आगरा तथा डॉक्टर एमपीएस मेमोरियल कॉलेज ऑफ बिजनेस स्टडीस के बीएससी टूरिज्म एंड हॉस्पिटैलिटी ऑपरेशंस के विद्यार्थियों ने संस्थान के पर्यटन एवं होटल प्रबंधन के छात्रों के साथ मिलकर सहभागिता निभाई इस अवसर पर मंचासीन अतिथियों में संस्थान के निदेशक व डीन ऑफ मैनेजमेंट प्रोफेसर यू एन शुक्ला, प्रो लव कुश मिश्रा, मिस्टर अमित कुमार साहू, मिस्टर हिमांशु आर्या, शैलेश सिंह उपस्थित रहे कार्यक्रम का संचालन संस्थान की शिक्षिका साक्षी तिवारी द्वारा किया गया इस अवसर पर निदेशक प्रोफेसर शुक्ला ने ग्रामीण एवं सामुदायिक केन्द्रित पर्यटन पर प्रकाश डालते हुए कहा कि जहाँ एक ओर ऐतिहासिक पर्यटन, सांस्कृतिक पर्यटन, धार्मिक पर्यटन, साहसिक पर्यटन तथा वन्य जीव



पर्यटन पर बहुत अधिक कार्य हो चुका है वहीं दूसरी ओर हमारी सरकारों का ध्यान ग्रामीण एवं सामुदायिक पर्यटन की ओर इतना अधिक केन्द्रित नहीं हुआ है जबकि भारत एक कृषि प्रधान देश है तथा यहाँ की संस्कृति में ग्रामीण परिवेश अपनी मुख्य भूमिका अदा करता है आपने बताया कि ग्रामीण संस्कृति, खानपान, तीज त्यौहार मनाने के ढंग, फार्मिंग पर्यटन, कृषि पर्यटन आदि में पर्यटन को बढ़ावा देने की अनंत संभावनाएँ हैं। इस अवसर पर हिमांशु आर्या ने भी अपने विचारों से लाभान्वित किया आपका मानना है कि पर्यटन मानव खुशी के लिए अत्यधिक आवश्यक विषय है शैलेश सिंह ने उत्तर प्रदेश पर्यटन की दिशा व दशा दोनों पर प्रकाश डाला अमित साहू ने पर्यटन में होटल प्रबंधन के विषय को रेखांकित किया प्रोफेसर मिश्रा जी ने सांस्कृतिक पर्यटन पर प्रकाश डाला। इस अवसर पर संस्थान द्वारा विद्यार्थियों हेतु एक प्रश्नोत्तरी प्रतियोगिता का आयोजन किया गया

जिसमें तीनों संस्थानों आई टी एच एम, बैकुंठी देवी तथा एमपीएस कॉलेज के पर्यटन एवं होटल प्रबंधन के छात्रों ने प्रतिभाग किया। यह विषय कंफ़ीरेंस दो चरणों में आयोजित की गई प्रथम चरण में 50 वस्तुनिष्ठ प्रश्न लिखित परीक्षा में रखे गए जिन्हें 45 मिनट में करना था तत्पश्चात लिखित परीक्षा में प्रथम छह विद्यार्थियों को मौखिक परीक्षा हेतु आमंत्रित किया गया इस मौखिक परीक्षा में छह चरणों में पर्यटन, होटल प्रबंधन, इतिहास, सामान्य ज्ञान, उत्तर प्रदेश विशेष तथा भारत विशेष से संबंधित प्रश्न पूछे गए। प्रत्येक विषय पर अलग-अलग चक्र में प्रश्नोत्तरी विकसित कर प्रश्न किए गए। प्रतियोगिता के दोनों चरणों में आईटीएचएम के छात्रों ने प्रथम (रोहित शर्मा) द्वितीय (पवन) तृतीय (मानव अग्रवाल) स्थान प्राप्त किये। सभी विद्यार्थियों को प्रमाण पत्र देने के साथ प्रतियोगिता संपन्न हुई। इस कार्यक्रम में विभा माथुर, डॉ अपर्णा, डॉ अंजली, रंजीत, अमित कुमार साहू व साक्षी तिवारी आदि शिक्षकों ने कार्यक्रम को संपन्न कराने में मुख्य भूमिका अदा की। संस्थान के प्रधान सहायक कुलदीप यादव तथा अन्य कर्मी कुलदीप दीक्षित, एल्विना, रजनी ने विशेष सहयोग प्रदान किया। संस्थान की शोधार्थी मानसी सेन ने भी अपना सहयोग प्रदान कर कार्यक्रम को सफल बनाया।

Activities-4

Tree plantation drives

Activity Description: Students actively participated in a tree plantation drive organized within the campus and nearby community areas to promote environmental awareness and increase greenery. During the activity, students planted different types of saplings and learned proper techniques for planting and caring for trees. Awareness was also created about the importance of trees in maintaining ecological balance, reducing pollution, and improving air quality. The activity encouraged teamwork, responsibility, and a sense of environmental conservation among students while contributing towards a greener and healthier environment.

Objectives:

- To encourage college students to take responsibility for environmental protection.
- To increase green cover and promote a cleaner, healthier environment.
- To spread awareness about the importance of trees in maintaining ecological balance.

Outcomes:

- Students developed environmental awareness and teamwork skills.
- The campus surroundings became greener and more eco-friendly.
- Greater student participation in social and environmental activities was encouraged.





Activities-5

Plastic-free campus initiative

Activity Description: Students organized various activities and awareness campaigns to promote a plastic-free campus environment. Through rallies, poster-making competitions, and cleanliness drives, students spread awareness about the harmful effects of plastic pollution on nature and human health. They encouraged the use of eco-friendly alternatives such as cloth bags, reusable bottles, and paper products instead of single-use plastics. The initiative helped in developing environmentally responsible habits among students and contributed towards maintaining a cleaner and healthier campus environment.

Objectives:

- To create awareness about the harmful effects of plastic pollution.
- To encourage students to adopt sustainable and eco-friendly practices.
- To maintain a clean, healthy, and plastic-free campus environment.

Outcomes:

- Reduction in the use of single-use plastic items within the campus.
- Increased environmental responsibility and participation among students.
- A cleaner and more sustainable campus environment was promoted.



Activities-6

Rainwater harvesting system

Activity Description: Students participated in awareness activities related to rainwater harvesting and sustainable water management practices. Demonstrations, presentations, and discussions were conducted to explain how rainwater can be collected and stored for future use. Students learned about the importance of conserving water resources and reducing water wastage through simple and effective methods. The activity promoted environmental responsibility and helped students understand the role of rainwater harvesting in solving water scarcity problems and supporting sustainable development.

Objectives:

- To promote awareness about the importance of water conservation.
- To encourage the use of rainwater harvesting systems for sustainable water management.
- To develop responsible habits regarding the efficient use of water resources.

Outcomes:

- Increased awareness among students about water conservation techniques.
- Encouragement of eco-friendly practices within the campus and community.
- Better understanding of sustainable resource management among students.





Activities-7

Solar Energy Installation and Use

Activity Description: Students participated in activities related to the installation and use of solar energy systems to promote renewable and clean energy sources. Awareness programs, demonstrations, and presentations were organized to explain the working and benefits of solar panels and solar-powered devices. Students learned about the importance of reducing dependence on non-renewable energy resources and adopting sustainable energy practices for environmental protection.

Objectives:

- To create awareness about the importance and benefits of solar energy.
- To encourage the use of renewable and eco-friendly energy sources.
- To promote energy conservation and sustainable development practices among students.

Outcomes:

- Increased awareness regarding renewable energy and environmental sustainability.
- Better understanding of the use and benefits of solar energy systems among students.
- Encouragement of eco-friendly energy practices and reduction in dependence on conventional energy sources.



Activities-8

LED lights and energy conservation measures

Activity Description: Students participated in activities promoting the use of LED lights and energy conservation practices within the campus and surrounding areas. Awareness programs and demonstrations were conducted to explain how LED lights consume less electricity and help in reducing energy wastage. Students also encouraged simple energy-saving habits such as switching off unused lights, fans, and electrical appliances to promote responsible energy usage and environmental sustainability.

Objectives:

- To create awareness about the importance of energy conservation and efficient energy use.
- To encourage the use of LED lights as an energy-saving alternative to conventional lighting.
- To promote sustainable habits and reduce unnecessary electricity consumption.

Outcomes:

- Increased awareness regarding energy conservation among students and the community.
- Greater use of LED lighting and adoption of energy-saving practices.
- Reduction in electricity wastage and promotion of an eco-friendly environment.





Activities-9

Cleanliness and sanitation drives

Activity Description: Students organized cleanliness and sanitation drives within the campus and nearby localities to promote hygiene and public cleanliness. Students collected waste materials, cleaned public areas, and spread awareness regarding proper sanitation and waste disposal methods. The activity emphasized the importance of maintaining clean surroundings for a healthy lifestyle and disease prevention. It also encouraged teamwork, discipline, and social responsibility among students while contributing towards a cleaner and healthier environment.

Objectives:

- To encourage cleanliness and hygienic practices among students and the community.
- To spread awareness about sanitation and waste management.
- To create a healthy and clean environment through collective participation.

Outcomes:

- Improved cleanliness and hygiene in the campus and surrounding areas.
- Increased awareness about proper sanitation and waste disposal methods.
- Development of social responsibility and teamwork among students.



Activities-10

Herbal garden / medicinal plant garden

Activity Description: Students developed and maintained a herbal and medicinal plant garden within the campus to spread awareness about the importance and uses of medicinal plants. Various herbs and medicinal plants were planted and properly labeled for educational purposes. Students learned about the health benefits, traditional uses, and environmental importance of these plants. The activity promoted environmental conservation, practical learning, and interest in natural and sustainable healthcare practices while enhancing the greenery and beauty of the campus.

Objectives:

- To promote awareness about medicinal plants and their health benefits.
- To encourage environmental conservation through gardening activities.

- To provide practical knowledge about herbal and sustainable healthcare practices.

Outcomes:

- Increased student knowledge about medicinal plants and their uses.
- Creation of a green and eco-friendly learning environment on campus.
- Encouragement of interest in nature conservation and sustainable practices.



Activities-11

Water conservation awareness activities

Activity Description: Students organized water conservation awareness activities to educate people about the importance of saving water and preventing water wastage. Through seminars, rallies, posters, and presentations, students highlighted simple water-saving methods that can be practiced in daily life. The activity aimed to develop awareness about the growing problem of water scarcity and the need for sustainable water management. It encouraged students and the community to adopt responsible habits regarding the efficient use and conservation of water resources.

Objectives:

- To spread awareness about the importance of conserving water resources.
- To encourage responsible and efficient use of water among students and the community.
- To promote sustainable practices for protecting water resources for future generations.

Outcomes:

- Increased awareness regarding water conservation and management.
- Adoption of water-saving habits by students and community members.
- Encouragement of environmental responsibility and sustainable living practices.



Activities-12

Green audit and energy audit activities

Activity Description: Students participated in green audit and energy audit activities to analyze environmental practices and energy consumption within the campus. Surveys and inspections were conducted to identify areas where electricity, water, and other resources could be used more efficiently. Students prepared reports and suggested eco-friendly measures to reduce wastage and improve sustainability. The activity increased awareness regarding environmental protection, energy conservation, and responsible resource management while promoting the development of a greener and more sustainable campus.

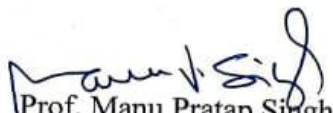


Dr. Bhimrao Ambedkar University, Agra
(Formerly: Agra University)
(A+ Grade, NAAC Accredited)

Date: 12/01/2026

TO WHOM IT MAY EVER CONCERN

Different departments of Dr. Bhimrao Ambedkar University Agra are equipped with generator facility of 62.5 KVA power backup purposes.


Prof. Manu Pratap Singh
(Director)

Director
Institute of Engineering & Technology
Dr. B. R. Ambedkar University
Khondari Campus, Agra


Ajay Mishra
PCS
(Registrar)

Registrar
Dr. B.R.A. University, Agra



Dr. Bhimrao Ambedkar University, Agra
(Formerly: Agra University)
(A+ Grade, NAAC Accredited)

Date: 12/01/2026

TO WHOM IT MAY EVER CONCERN

Different departments of Dr. Bhimrao Ambedkar University, Agra have its own electric grid power supply connection as per their requirements.


Prof. Manu Pratap Singh
(Director) 12/01/2026
Director

Institute of Engineering & Technology
Dr. B R. Ambedkar University
Khanderi Campus, Agra


Ajay Mishra
PCS
(Registrar)

Registrar
Dr. B R. A. University, Agra

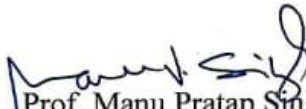


Dr. Bhimrao Ambedkar University, Agra
(Formerly: Agra University)
(A+ Grade, NAAC Accredited)

Date: 12/01/2026

TO WHOM IT MAY EVER CONCERN

Dr. Bhimrao Ambedkar University Agra has interceptor sewers, storm sewers and sanitary sewers, combined sanitary and storm sewers etc. in its different campuses as a part of central sewage disposal system.


Prof. Manu Pratap Singh
(Director)

Director
Institute of Engineering & Technology
Dr. B. R. Ambedkar University
Khendari Campus, Agra


Ajay Mishra
PCS
(Registrar)
Registrar
Dr. B. R. A. University, Agra



Dr. Bhimrao Ambedkar University, Agra
(Formerly: Agra University)
(A+ Grade, NAAC Accredited)

Date: 12/01/2026

TO WHOM IT MAY EVER CONCERN

Dr. Bhimrao Ambedkar University Agra has a central waste management system where different departments of university decomposes all the bio-degradable waste at one place which gives bio-compost as output which is used as a manure to maintain lush green campuses.


Prof. Manu Pratap Singh
(Director)
12/01/2026
Director
Institute of Engineering & Technology
Dr. B. R. Ambedkar University
Khendari Campus, Agra


Ajay Mishra
PCS
(Registrar)
Registrar
Dr. B. R. A. University Agra

Objectives:

- To create awareness about energy conservation and environmental sustainability.
- To identify areas where resources can be used more efficiently on campus.
- To encourage eco-friendly practices and responsible resource management among students.

Outcomes:

- Better understanding of energy usage and environmental impact among students.
- Identification of methods to reduce energy wastage and improve sustainability.
- Promotion of a greener, more energy-efficient campus environment.



Activities-13

Composting of biodegradable waste

Activity Description: Students took part in composting activities by collecting biodegradable waste such as food scraps, dry leaves, and organic materials from the campus. Compost pits and bins were used to convert the waste into natural manure through eco-friendly processes. Students learned the importance of waste segregation, recycling, and sustainable waste management practices. The activity helped reduce waste accumulation on campus and promoted the use of organic compost for gardening and plantation purposes while encouraging environmental responsibility among students.

Objectives:

- To promote proper disposal and recycling of biodegradable waste.
- To encourage sustainable and eco-friendly waste management practices.
- To create awareness about the benefits of composting for soil fertility and environmental protection.

Outcomes:

- Reduction in biodegradable waste accumulation on campus.
- Production of natural compost useful for gardening and plantation activities.

- Increased awareness among students regarding sustainable waste management practices.



Activities-14

Plantation maintenance and beautification of campus

Activity Description: Students actively participated in plantation maintenance and campus beautification activities to create a clean, green, and attractive environment. Students watered plants, cleaned garden areas, trimmed shrubs, and planted decorative plants and flowers across the campus. The activity encouraged students to take responsibility for maintaining greenery and preserving the natural beauty of the surroundings. It also promoted teamwork, environmental awareness, and a sense of care towards nature while improving the aesthetic appearance of the campus.

➤ Objectives:

- To encourage students to take responsibility for maintaining a green environment.
- To enhance the beauty and cleanliness of the campus through plantation activities.
- To promote environmental awareness and teamwork among students.

Outcomes:

- Improved greenery and aesthetic appearance of the campus.
- Development of environmental responsibility and cooperation among students.
- Creation of a cleaner, healthier, and more eco-friendly campus environment.



Activities-15

Environmental awareness seminars/workshops

Activity Description: Students organized environmental awareness seminars and workshops to educate students and the community about important environmental issues and sustainable practices. Experts, faculty members, and environmental activists shared knowledge regarding pollution control, climate change, conservation of natural resources, and eco-friendly lifestyles. Students actively participated in discussions, presentations, and interactive sessions that enhanced their understanding of environmental protection. The activity encouraged responsible behavior and motivated students to contribute towards building a cleaner and more sustainable society.

Objectives:

- To increase awareness about environmental issues and sustainability.
- To encourage students to adopt eco-friendly habits in daily life.
- To promote active participation in environmental protection activities.

Outcomes:

- Improved knowledge and understanding of environmental conservation among students.
- Increased student involvement in sustainable and eco-friendly practices.
- Development of a sense of social and environmental responsibility.



Activities-16

Swachh Bharat Abhiyan activities

Activity Description: Students enthusiastically participated in Swachh Bharat Abhiyan activities organized to promote cleanliness, hygiene, and sanitation. The activities included campus cleaning drives, waste collection campaigns, awareness rallies, and educational programs on proper waste disposal methods. Students spread awareness about the importance of maintaining clean public spaces and adopting hygienic practices in daily life. The initiative encouraged discipline, teamwork, and social responsibility while contributing towards the development of a cleaner and healthier environment.

Objectives:

- To promote cleanliness, hygiene, and sanitation awareness among students and the community.
- To encourage active participation in maintaining a clean environment.
- To develop responsible habits regarding waste management and public cleanliness.

Outcomes:

- Cleaner campus and surrounding areas through collective efforts.
- Increased awareness about hygiene, sanitation, and proper waste disposal.
- Development of social responsibility and teamwork among students.



Activities-17

Ban on single-use plastic

Activity Description: Students organized awareness campaigns and activities to promote the ban on single-use plastic within the campus and surrounding areas. Rallies, poster-making competitions, and cleanliness drives were conducted to spread awareness about the harmful effects of plastic pollution on the environment and human health. Students encouraged the use of eco-friendly alternatives such as cloth bags, steel bottles, and reusable materials to reduce plastic waste and create a cleaner environment.

Objectives:

- To create awareness about the harmful impact of single-use plastic on the environment.
- To encourage the use of sustainable and eco-friendly alternatives among students and the community.
- To reduce plastic waste and promote a cleaner and healthier environment.

Outcomes:

- Increased awareness regarding the importance of reducing plastic usage.
- Greater adoption of reusable and eco-friendly products among students.
- Reduction in plastic waste within the campus and surrounding areas.

[illegible]

संस्कृत विद्या। काव्यरूप में राजा राजेश
महाराज, श्रीराम कृष्ण, विवेकानंद
सुखी महाराज, अनेक सुखी राजा राजेश
का संस्कृत साहित्यिक रचना। सभी
राजाओं ने ही संस्कृत के साथ एक
अविभाज्य संबंध बनाया है। राजा
संस्कृतभूषण भूषिका विद्या। राजा
के विद्या साहित्यिक साहित्यिक विद्या
के राजा साहित्यिक कला है, अनेक
संस्कृत के साहित्यिक और विवेकानंद
का साहित्यिक भी साहित्यिक विद्या
विद्यासाहित्यिक विद्यासाहित्यिक है।

- Improved campus appearance with well-maintained lawns and green areas.
- Increased student involvement in environmental conservation activities.
- Creation of a healthier and more pleasant campus environment.



Green landscaping and Lawn Development

Policy addressing poverty

The University is committed to promoting Responsible Consumption and Production by ensuring efficient utilization of natural resources, minimizing waste, encouraging reuse and recycling, and integrating sustainable practices into teaching, research, campus operations, procurement, and community engagement. The policy aims to develop a culture of environmental responsibility among students, faculty, staff, and stakeholders and to contribute to the achievement of Sustainable Development Goal 12 (SDG 12): Responsible Consumption and Production.

<https://www.dbrausdg.in/policies>



Dr. Bhimrao Ambedkar University, Agra

Formerly Agra University, Agra

(A+ Grade NAAC Accredited)

Policy for General Waste Management

1. Short Title and Commencement

- This policy shall be called the "General Waste Management Policy of Dr. Bhimrao Ambedkar University, Agra."
- This policy shall come into force from the date of its approval by the competent authority of the University.
- The policy shall apply to all students, research scholars, faculty members, officers, employees, contractual staff, residents, vendors, visitors, and other stakeholders associated with the University.

2. Preamble

- Dr. Bhimrao Ambedkar University, Agra is committed to environmental sustainability, resource conservation, and the promotion of a clean and healthy campus environment. Effective waste management is essential for protecting public health, preserving natural resources, reducing environmental pollution, and fostering responsible citizenship.

- The University recognizes its responsibility to manage waste generated from academic, administrative, residential, commercial, and recreational activities in a scientific, sustainable, and environmentally responsible manner. This policy is aligned with the Solid Waste Management Rules, 2016, and other applicable environmental regulations and sustainability goals.

3. Purpose

The purpose of this policy is to:

- Establish a systematic framework for the management of general waste generated on campus.
- Promote waste reduction, segregation, reuse, recycling, and responsible disposal practices.
- Minimize environmental pollution and health hazards.
- Encourage sustainable resource utilization and environmental stewardship.
- Foster active participation of all stakeholders in maintaining a clean and green



Dr. Bhimrao Ambedkar University, Agra
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Policy for Plastic and Disposable Items Minimization

1. Short Title and Commencement

- This policy shall be called the "Plastic and Disposable Items Minimization Policy of Dr. Bhimrao Ambedkar University, Agra."
- This policy shall come into force from the date of its approval by the competent authority of the University.
- The policy shall apply to all students, research scholars, faculty members, officers, employees, contractual staff, residents, vendors, service providers, visitors, and all other stakeholders associated with the University.

2. Preamble

- Dr. Bhimrao Ambedkar University, Agra recognizes that excessive use of plastic and single-use disposable items poses significant environmental challenges, including pollution, resource depletion, waste accumulation, and adverse impacts on ecosystems and public health. As a responsible institution of higher education, the University is committed to promoting sustainable consumption practices,

reducing plastic dependency, and fostering environmental stewardship among its stakeholders.

- This policy seeks to minimize the use of plastic and disposable items across the campus and encourage environmentally sustainable alternatives in alignment with national environmental regulations, the Plastic Waste Management Rules, and the University's Green Campus initiatives.

3. Purpose

The purpose of this policy is to:

- Minimize the use of plastic and disposable items across the University campus.
- Promote environmentally sustainable alternatives and responsible consumption practices.
- Reduce waste generation and environmental pollution.
- Encourage a culture of sustainability and environmental responsibility.

Support national and global environmental conservation goals.



Dr. Bhimrao Ambedkar University, Agra
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Policy for E-Waste Management

1. Short Title and Commencement

- This policy shall be called the "E-Waste Management Policy of Dr. Bhimrao Ambedkar University, Agra."
- This policy shall come into force from the date of its approval by the competent authority of the University.
- The policy shall apply to all academic departments, administrative offices, laboratories, libraries, hostels, research centres, residential facilities, and all stakeholders associated with the University.

2. Preamble

- Dr. Bhimrao Ambedkar University, Agra recognizes that rapid technological advancement and increased use of electronic and electrical equipment have significantly contributed to the generation of electronic waste (e-waste). Improper handling and disposal of e-waste can adversely affect human health and the environment due to the presence of hazardous substances.

- The University is committed to promoting environmentally responsible management of e-waste through reduction, reuse, refurbishment, recycling, recovery, and safe disposal practices. This policy is framed in accordance with the E-Waste (Management) Rules, 2022, and other applicable environmental regulations and sustainability principles.

3. Purpose

The purpose of this policy is to:

- Establish a systematic framework for environmentally sound e-waste management.
- Promote responsible procurement, usage, maintenance, reuse, recycling, and disposal of electronic equipment.
- Prevent environmental pollution and health hazards arising from improper disposal of e-waste.
- Ensure compliance with applicable legal and regulatory requirements.
- Foster awareness and sustainable practices among all stakeholders.

4. Objectives

- To minimize the generation of e-waste through efficient utilization and maintenance of electronic equipment.
- To promote repair, refurbishment, reuse, and life-cycle extension of electronic devices.
- To ensure safe collection, storage, transportation, recycling, and disposal of e-waste.

Excerpt from the policy addressing poverty in place at DBRAU

