



**Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (MS)**  
**Reports for Extension/Outreach Activities Carried out in Year 2019**

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<b>Name of Activity</b>	<b>Water Mapping Drive for Water Conservation</b>
<b>Date of Conduction</b>	<b>18-07-2019</b>
<b>Organized by</b>	<b>Estate Section</b>
<b>Student Participated</b>	<b>10</b>

**Brief Report**

On July 18, 2019, Estate Section of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad organized a Water Mapping Drive to focus on water conservation. The initiative aimed to map water resources within the university campus and nearby localities, with a special emphasis on historical water bodies like the Shivkalin Reservoir and Nehr e Amberi. The goal was to promote water conservation practices through effective mapping and management of existing water bodies. Key activities included an inauguration ceremony, where the University Registrar highlighted the importance of water conservation and the historical significance of the water bodies in the region. Mapping teams were formed, consisting of students, faculty members, local residents, environmentalists, and water management experts, to carry out water mapping in designated areas. Data collection was done using GPS devices and mobile apps to record the locations and conditions of various water resources.





**Apex Authorities of University at ancient water reservoir bodies**

The focus was on historical water bodies, such as the Shivkalin Reservoir, which was assessed for its current water levels, quality, and potential for conservation. The ancient canal system was mapped, and its role in historical and current water management was



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studied. Community involvement and awareness were also promoted through interactive sessions and workshops. Local residents were involved in discussions about water issues and potential solutions for better water management. The results of the Water Mapping Drive were comprehensive, with detailed documentation of water resources and a solid foundation for future conservation efforts. Increased water conservation awareness was raised among participants and the local community, with participants gaining valuable knowledge about sustainable water management practices and the historical significance of local water bodies. The assessment of historical water bodies, such as the Shivkalin Reservoirs and Nehr e Amberi, highlighted the need for conservation efforts to preserve these significant resources. Community engagement was also fostered through active participation from the university and local community, fostering a collaborative approach to water conservation. The engagement of local residents laid the groundwork for continued community involvement in water management initiatives. Feedback and testimonials from participants were positive, with some suggesting expanding the scope of the mapping drive to include more areas and conducting follow-up activities to monitor progress. Student feedback was positive, faculty members appreciated the learning experience and local residents expressed gratitude for their participation in the drive. Recommendations for future activities include expanding mapping coverage, increasing community engagement, implementing regular follow-up activities to monitor the condition of mapped water resources and the effectiveness of conservation efforts, and integrating historical context into water conservation activities. In conclusion, the Water Mapping Drive organized by the Estate Section of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad was a highly successful initiative that provided valuable insights into the state of water resources within the university campus and surrounding areas.



Registrar,  
Dr. Babasaheb Ambedkar  
Marathwada University,

