



Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (MS)
Reports for Extension/Outreach Activities Carried out in Year 2021

Name of Activity	Miyawaki Dense Forest Project
Date of Conduction	07-07-2021
Organized By	National Service Scheme
Student Participated	40

Brief Report

On 07-07-2021, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, successfully organized a Miyawaki Dense Forest Project (In collaboration with Ecosatwa) in an arid zone adjacent to the NSS department. The project aimed to create a dense urban forest using the Miyawaki method, a technique developed by Japanese botanist Akira Miyawaki. The event was graced by the presence of the Hon'ble Vice Chancellor, Hon'ble Pro Vice Chancellor and the Registrar of the University, along with environmentalists and local community members who actively participated in the plantation drive. The initiative was well-received by residents from nearby localities, who appreciated the university's efforts towards enhancing the green cover and promoting environmental sustainability. The primary objectives of the Miyawaki Dense Forest Project were to increase the green cover in the university campus, particularly in arid zones, by creating a dense forest using native plant species, to promote environmental awareness and community involvement in ecological conservation efforts, the Miyawaki method demonstrated its effectiveness in creating dense and sustainable urban forests.





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Glimpses of first plantation event of Miyawaki Dense Forest Project





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Event preparations included planning and coordination, mobilizing resources, and engaging the local community through meetings with community leaders and environmental organizations. Key activities included the welcoming of guests and participants, lighting of the lamp, and delivering keynote addresses emphasizing the importance of environmental conservation and the role of the university in promoting sustainable practices. An educational session on the Miyawaki Method was conducted to inform participants about the Miyawaki method, its benefits, and the specific steps involved in creating a dense forest using this technique. The session highlighted the importance of increasing green cover in combating climate change and enhancing air quality, as well as the importance of community involvement in environmental initiatives to ensure their success and sustainability. The main activity of the event was the plantation of the Miyawaki dense forest, which involved soil preparation, planting of saplings, and post-plantation care. Community feedback was also provided, and an open forum allowed participants to discuss the benefits of the Miyawaki method and explore ways to replicate similar initiatives in other areas. The Miyawaki Dense Forest Project had several positive outcomes, reflecting its success in promoting environmental awareness and community engagement. The plantation of over 200 saplings significantly contributed to the green cover of the university campus, particularly in the arid zone adjacent to the NSS department. Enhanced biodiversity was achieved due to the diverse selection of native plant species, creating a biodiverse ecosystem providing a natural habitat for local flora and fauna. Active participation of local residents and community leaders fostered a sense of collective responsibility towards environmental conservation. Educational impact was provided through the educational sessions and hands-on activities, providing practical knowledge on the Miyawaki method and the importance of increasing green cover. The initiative was well-received by the local community, with many residents expressing their appreciation for the university's efforts to promote environmental sustainability. Future plans and recommendations are proposed to build on the success of the Miyawaki Dense Forest Project, including regular plantation drives to increase green cover in other arid and underutilized areas of the university campus and surrounding regions, strengthening collaboration with local communities and environmental organizations to promote sustainable practices and environmental awareness. Establishing a monitoring and maintenance plan to ensure the healthy growth of the planted saplings and the sustainability of the Miyawaki forest is also recommended. Replication of the Miyawaki Method is also encouraged, encouraging other institutions and communities to adopt the Miyawaki method to create dense urban forests and enhance biodiversity. Additionally, integrating environmental education into the academic curriculum can raise awareness among students about the importance of ecological conservation and sustainable practices.



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