



Government of Maharashtra
ISMAIL YUSUF COLLEGE OF ARTS, SCIENCE & COMMERCE
(Affiliated to University of Mumbai)

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Title: Green Initiatives

Objective: The primary aim of the Green Initiatives at Ismail Yusuf College is to enhance the green cover of the college campus. This initiative is designed to replenish the greenery of the campus by advocating the establishment of a dense, diverse, and rapidly growing Miyawaki forest within a short span of time.

Context: Recognizing the significance of green spaces in educational environments, Ismail Yusuf College embarked on a mission to enrich the campus environment through the promotion of dense foliage. The Miyawaki forest technique was chosen for its ability to accelerate the growth of native flora, thereby creating a lush ecosystem conducive to learning and well-being.

Practice: After the successful execution of First Miyawaki Urban Dense Forest on 22nd August 2019 in association with HDFC Life & Keshavshruti on 2000 sq ft area with 1250 plants, second Miyawaki Urban Dense Forest was developed on 16th February 2022 in association with Forest Creators on 2500 sq ft area with 1550 plants. The inauguration was done by Principal Dr. Swati Wavhal, Dr Amit Saraf, Head, Department of Botany along with Dr. Rangari, Nitin Shelake, Dr. Pooja Shinde, Shubham Tanpathak, Shatabdi Sawant from the Botany Department. Dr. Nair, Forest Creators overlooked the entire exercise. The implementation of the Miyawaki forest began with meticulous soil preparation. Organic matter and essential nutrients were incorporated into the soil to cultivate a fertile environment conducive to robust tree growth.

In collaboration with the Forest Creators organization, more than 1500 saplings of native plants were carefully selected and planted across a 2500 sqft area on the college campus.

Evidence of Success: The success of the Green Initiatives at Ismail Yusuf College is evidenced by the rapid growth and maturity of the planted vegetation within a short timeframe. The diligent soil preparation coupled with the strategic selection of native plant species has resulted in the establishment of a dense and flourishing green cover across the designated area.



Problems Encountered: Despite the promising outcomes, the initiative encountered challenges, particularly concerning the maintenance of the planted saplings during dry periods. The scarcity of water posed a significant obstacle to sustaining the growth of the vegetation. To address this issue, the college administration employed water tankers to mitigate the water crisis, particularly during the summer season, ensuring the continuous nourishment of the planted flora.

In conclusion, the Green Initiatives at Ismail Yusuf College have proven to be instrumental in enhancing the environmental sustainability and aesthetic appeal of the campus. By adopting best practices such as the Miyawaki forest technique and addressing challenges through innovative solutions, the college has demonstrated its commitment to fostering a greener and healthier campus environment.

Miyawaki Forest

After the successful execution of First Miyawaki Urban Dense Forest on 22nd August 2019 in association with HDFC Life & Keshavshrusti on 2000 sq ft area with 1250 plants, second Miyawaki Urban Dense Forest was developed on 16th February 2022 in association with Forest Creators on 3000 sq ft area with 1550 plants.





PRINCIPAL
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