SCHOOL OF AGRICULTURAL SCIENCES

Report

On

Aravali Biodiversity Park, Nathupur, Gurgaon

Event Name : Educational Visit at Aravali Biodiversity Park, Nathupur, Gurgaon

Venue/s: Aravali Biodiversity Park, Nathupur, Gurgaon

Date & Time: 02/02/2023 11:45AM to 12:45 PM

Event In-charge/s: Dr. Deepak Kumar, Dr. Neha Sharma, Dr. J. S. Yadav, SOAS, KRMU

Student-coordinator/s: Mr. Sagar, Ms. Ayushi, Ms. Pallavi (B. Sc. (H) Agriculture)

Resource Person with Affiliation: Mr. Dhasmana, Ecologist, The Rewilders

Number of Attendees: 28

Brief of session: Students visited Aravali Biodiversity Park, Nathupur, Gurgaon, for the Exploration and Conservation of Biodiversity on the fourth day of the student induction program. The resource person for the visit was Mr. Dhasmana, Ecologist, The Rewilders. The visit aimed to provide students with hands-on experience in biodiversity conservation practices and expose them to the various techniques used in modern agriculture to preserve ecological balance. The visit emphasized the importance of biodiversity in agricultural systems and explored how sustainable farming practices can be applied to maintain and enhance biodiversity. The visit commenced with an introduction to the fundamental principles of biodiversity conservation, focusing on how biodiversity contributes to ecosystem resilience, soil health, pest management, and climate adaptation in agricultural landscapes. Experts emphasized that conserving plant and animal diversity is essential for sustainable food production, as it ensures genetic variation and increases resilience against pests, diseases, and climate change.

The sessions focused on the conservation of wild relatives, which are the wild ancestors of modern crops and animal species. Experts explained that these wild species possess genetic traits such as drought resistance, pest tolerance, and disease resistance, which are vital for breeding new crop varieties in the face of climate change. The students learned about gene banks and seed preservation techniques used to protect these valuable species from extinction

Photographs:


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