



Ashtavakra Institute of Rehabilitation Sciences & Research Formerly Special Art School

App. by Rehabilitation Council of India, Ministry of Social Justice & Empowerment, Govt. of India
Affiliated to GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY

PSP, Institutional Area, Madhuban Chowk, Rohini Delhi-85, Ph : 011-27550012/13
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Ref. No. AIRSR/2022-23/4181

Dated. 15/03/2023

CIRCULAR

All the students of B.Ed.SE. ASD/ID/HI/VI/LD Academic Session 2021-23 & 2022-24 are hereby informed that Visit to Yamuna Bio-Diversity park is being organized by Eco-Club AIRSR on 21st March 2023, Tuesday 11:00 AM, All the interested students are requested to give your name through their department and kindly assemble on 21st March 2023, Tuesday 11:00 AM in college premises.

All the student are hereby required to wear shoes, full sleeves cloth and cap/ hat. Students should also carry their water bottles.

Snadeep Tiwari
Eco-Club Incharge

Snadeep Tiwari
15/03/2023

Mrs. Sanjana Mittal
Deputy Director



- Copy to: 1. Dean Academics
2. All Course Coordinators/Class Incharges
3. Student Welfare Dept.
4. Website for Updation



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Nature Walk on World Forestry day

**VISIT TO YAMUNA
BIODIVERSITY PARK ON WORLD
FORESTRY DAY** 21st March 2023

inforehab@tecnia.in www.ashtavakra.in 011-27550012/13

Event: Nature Walk on World Forestry Day

Date: 21st March 2023 (Tuesday)

Time: 10:30 AM to 03:30 PM

Venue: Yamuna Bio-diversity Park Main Jagat Pura Road Wazirabad New Delhi

Convener: Sandeep Tiwari (Eco- Club In charge)

Beneficiaries: 40

Objective:-

- To create awareness about distinct certainty of Biodiversity.
- To create awareness on various environmental elements.
- To appraise various practices and measures to improve the forestry.
- To create awareness on environmental conservation and sustainable usage of nature's resources through action- based programs.
- To develop positive attitude towards the environment.

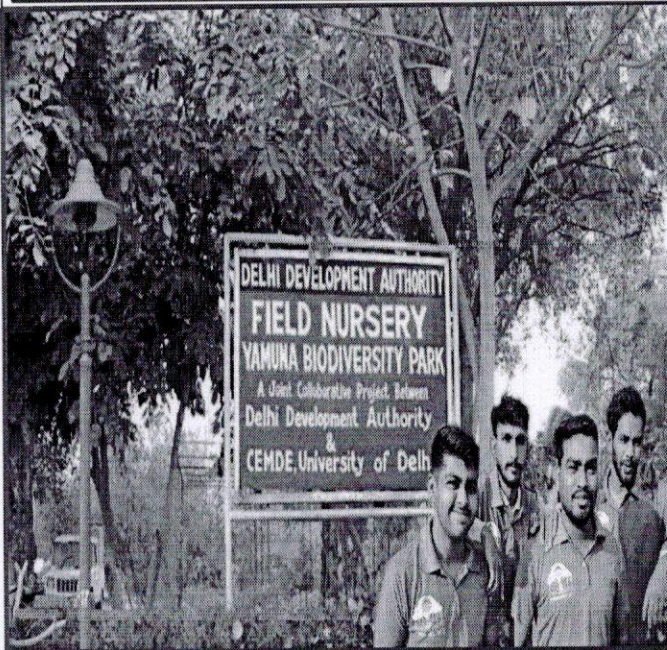
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Report of Visit Yamuna Bio-Diversity Park

A visit on World Forestry day was organized by **Ashtavakra Institute of Rehabilitation Sciences** on **21st March 2023, Tuesday** to visit the Yamuna biodiversity park Main Jagat Pura Road Wazirabad New Delhi-110084 under eco club activity. We reached the park at 11:30 AM, The student were accompanied by Ms. Preete Vohra, Nature Education Officer in the Meeting hall where she warmly greeted us and gave a brief and fruitful presentation about the Yamuna biodiversity park history and their specialty, After that students entered in the biodiversity park where instructors Ms. Preeti, Mr Abhishek, and Ms. Ranjeeta accompanied the students and explained all the details about park conversation management , flora and fauna etc. and also interacted with the students and answered their queries regarding eco system flora and fauna, after this instructor showed us the whole park, and he gave us lot of knowledge about various plants (Chilbil, Ruber, Mahua, some other greeting plant and rock facts ect) & birds(different type and colored Duck, sparrow, peacock, bulbul etc. after this we saw the wet land area where we learnt about wetland, algae, fungi, and lotus and other wetland plants. On whole, it was amazing learning experience that the students will savor for a long time in their life.

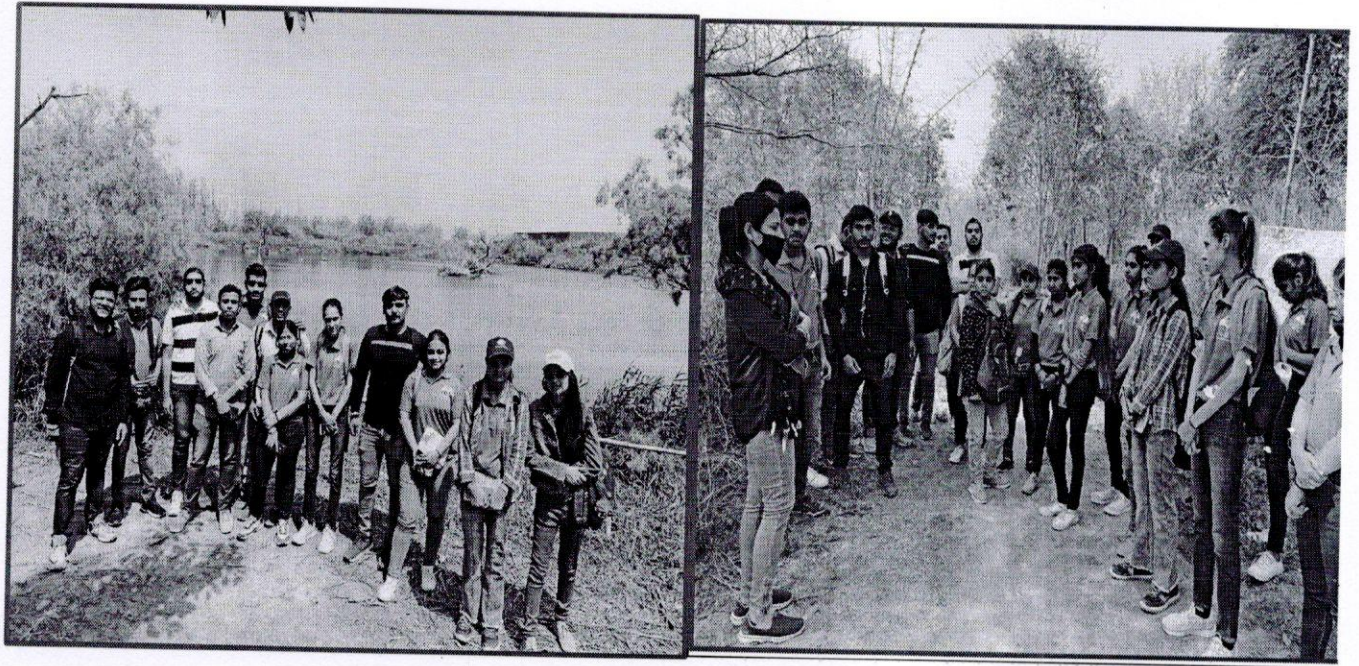


Glimpses of the event



Students are visiting Yanuma Biodiversity Park

Ray



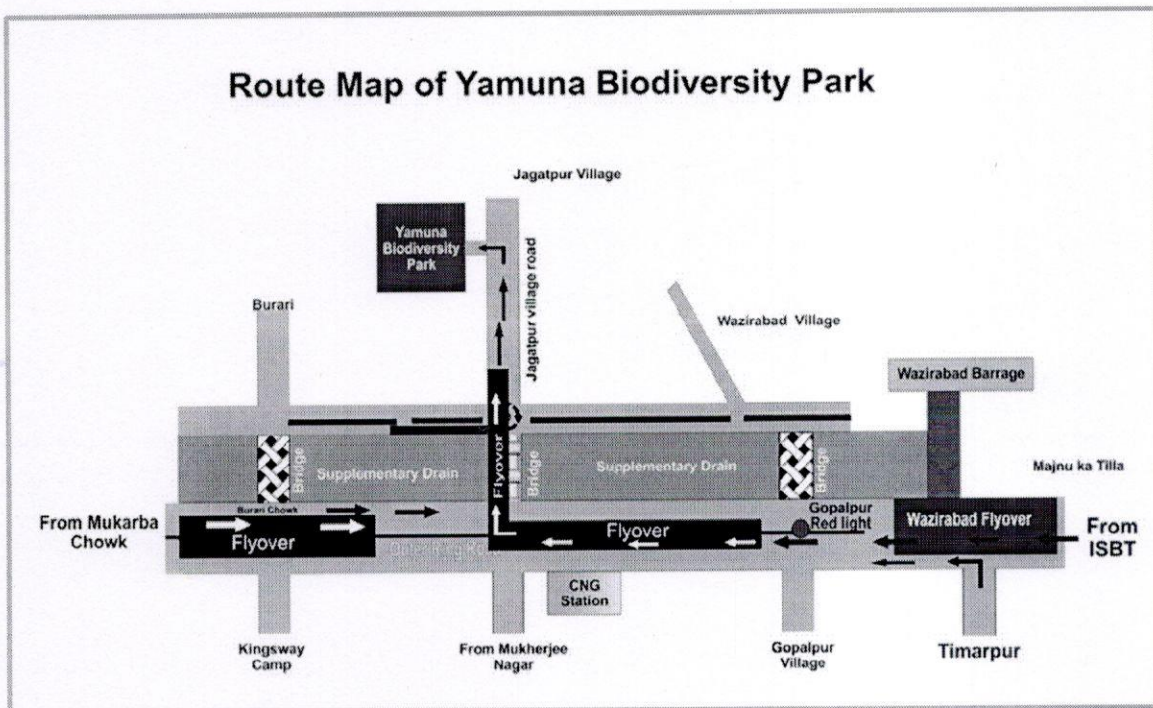
Learning Outcome

- The students were aware about various facts of Bio-Diversity
- The students learned about various types of plant birds and wetlands plant.
- The students learned about Ecosystem.
- The students learned positive attitude towards the environment.
- The students learned on various dimensions, its conservation and sustainable usage of natural resources through action based programmed.
- The students developed leadership Quality.
- The Students learnt about importance of healthy and clean environment.

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About Yamuna Biodiversity park

Emerging as the capital's most visited public place and prominent center for learning and understanding the environment, the Yamuna Biodiversity Park has become a home for a diversity of forest communities, biologically rich wetlands, grassland communities, a wide variety of fruit yielding species and an abundance of medicinal herbs. The Park also comprises native flora and fauna which used to exist many decades before and then became extinct locally. It further, acts as a natural conservation site for specific group of endangered plants. The Yamuna Biodiversity Park is presently spread over an area of approximately 457 acres near Wazirabad village on the western bank of the river Yamuna.



The park features two major zones - the visitor zone and the nature reserve zone. The front portion of the Yamuna Biodiversity Park, a 220m southward and 140m northward stretch from the main entry gate with 20-30m width is demarcated as Domesticated Biodiversity Zone. Enclosed by a hedge of poplar, it features plants like Ailanthus, Butea and Bauhinia that have a continuous seasonal interest due to their long flower production throughout the season. The outer iron fencing is embraced by multi-colored climbers like Jasmine and Quisqualis with the same theme of continual luxury. Located at the main entrance, at the southward end, are three snack bars, a drinking facility and three resting places covered up with the vines of native plants. Just past the entry pocket and to the right is a "Welcome Rock facet" representing the origin of the Ganga and Yamuna and their convergence at Allahabad.

Red

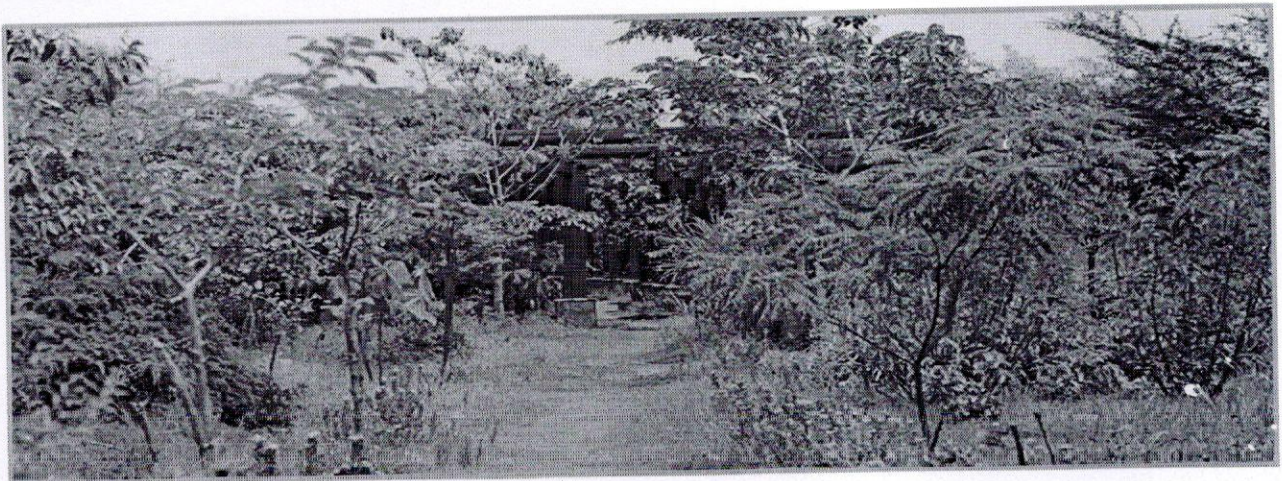
The trail leads to the **Bambusetum**, the **Nature interpretation Centre**, the **Conservatory of fruit yielding species**, the **Migratory duck's wetland** and the **Nature Reserve area**. On the left, the landscaping provides two shallow valleys representing rangelands with **10 mounds** representing different ecosystems present from the foothills of the Himalayas (Siwaliks) through the Yamuna basin, till the point of confluence of the Yamuna and Ganga. The first rangeland i.e. Rangeland 1, corresponds to an exclusive *Sporobolus diander* dominance while the second one i.e. Rangeland 2 showcases a mixture of native tropical grasses such as *Dichanthium*, *Chrysopogon*, *Vetiveria*, and *Bothriochloa*. These two rangelands are bordered by a serpentine trail. The first loop of the trail connects Rangeland 1 with **Herbal garden**, **sacred grove** and Rangeland 2 while the other loop leads to the **butterfly conservatory** and amphitheater. The amphitheater is an open auditorium where lots of events and activities are organized. The herbal garden offers a collection of about 450 plant species with healing properties.

On this loop trail one sometimes comes across bouncing hares and has a chance to watch red-wattled lapwings and other grassland birds. The exit of the Butterfly Conservatory leads to Sacred Grove and the Gene Bank of Petro- and Oil-yielding and other plants through the Bamboo Bridge from which one can enjoy a view of resident ducks' wetland and a wide variety of fishes.

The trail on the Welcome Rock Facet leads to the Nature interpretation Centre, a beautiful classical building with elegant lighting, a red carpet floor, attractive interior designs, panels depicting various biodiversity levels, touch screens, and visual-aids that provide an insight into the basic concepts of biodiversity.

Herbal Garden

Herbal garden, in essence, is a reference collection of around 450 living species that have been important in human culture throughout the ages. This garden is a green oasis with a diversity of medicinal plants. In between more than 200 seasonal changing beds and borders are trees with medicinal properties that provide shade to delicate plants.



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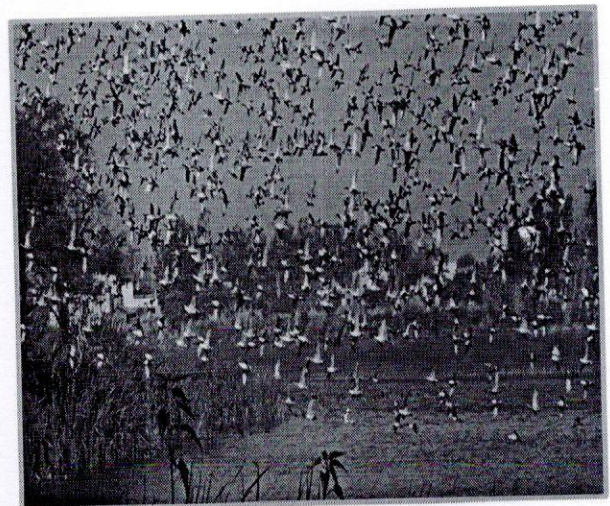
Butterfly Conservatory

Butterfly Conservatory of Yamuna Biodiversity Park has become a major ecotourism destination for visitors and nature lovers. There are four small ponds to add humidity to the surroundings and provide moisture to the butterflies. The Plantation of native plants will attract thousands of wild butterflies who play important roles as pollinators, as part of the web of life and as cultural icons for human beings.



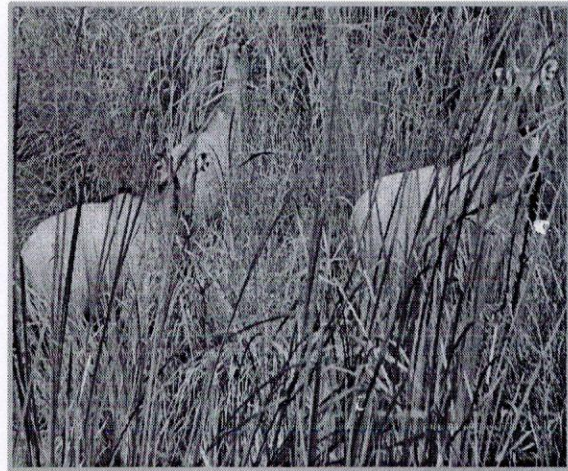
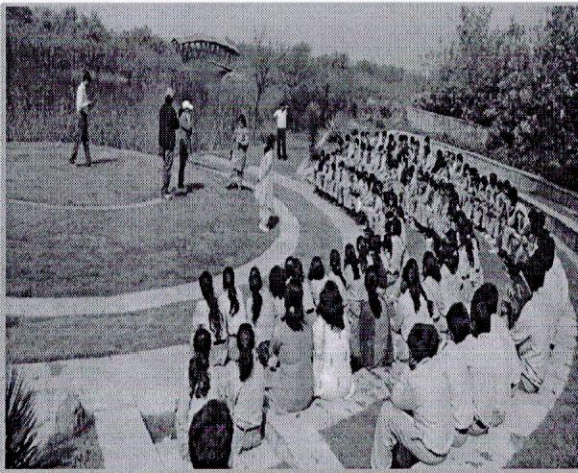
Wetlands

Two wetlands, which simulate natural water bodies, have been created in the Yamuna Biodiversity Park. One which is long and narrow simulating the river, is 1.8 km long; and the second, which is more open and deep, is spread over about 2 hectares. The creation of wetlands serves three useful purposes. Firstly, it adds to the diversity of habitats, secondly, it performs the much-needed ecological functions of water purification, groundwater recharge, and storage of rainwater, and thirdly, it provides the soil for raising the ground level to avoid flooding in the post monsoon period so that the development of terrestrial ecosystems and plant communities can go ahead unhindered.



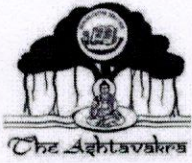
Nature Education

The Yamuna Biodiversity Park is envisaged to play an important role in imparting Nature Education particularly to school and college students who are the decision-makers of tomorrow. The park with its developing ecosystems, which are in various stages of development, provides a good opportunity to learn about prominent species of plants and animals, seed germination, bioremediation, ecosystem redevelopment, food webs, and life history strategies



Faunal Diversity: Different forest communities of YBP offer multiple micro-niches and habitats allowing many animal species to come, survive and breed. Today, the Yamuna Biodiversity harbour 2000 species of plants and animals living in some 20-25 biotic communities having 3 trophic levels and diverse food web including 60 species of butterflies, 50 species of dragon and damselflies, 200 species of birds and mammalian herbivores and carnivores. The Park has attracted a specialist herbivore – Barking deer and a top carnivore – the Leopard suggesting that ecosystem is functional.

Arif



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Name of Beneficiaries

Sr. No.	GGSIPIU ID	STUDENT NAME
1.	01352312522	ISHIKA SINGHAL
2.	00552312522	JIGYASA GUPTA
3.	00252312522	BIGUL SIWACH
4.	02452312522	VAISHALI
5.	02552312522	HARSHA DABAS
6.	00752312522	ANAMIKA
7.	01252312522	TAMANNA MALHOTRA
8.	00452312522	AANCHAL
9.	02252312522	SWETA
10.	00352312522	HARSHITA MANGLA
11.	02052312522	MUSKAN
12.	01852312522	MUSKAN
13.	01452312522	SHREYA RANA
14.	01752312522	GUNJAN RANI
15.	01052312522	ANJUM ARYA
16.	02652312522	DIVYA KHATRI
17.	00952312522	ISHIKA MAKAN
18.	00652312522	JAYANT DABAS
19.	01952312522	MANISH KUMAR
20.	00152312522	KOMAL
21.	02152312522	ANGELINA BORUAH
22.	01552312522	AMAN KUMAR
23.	00852312522	FALAK ALVI
24.	02352312522	ENA BISHT
25.	01152312522	SACHIN
26.	01652312522	YASHIKA PAHWA
27.	00352312422	RASHMI VERMA
28.	02052312422	HARSHITA GUPTA
29.	02352312422	MANIKA
30.	00452312422	AROOSHI NANDWANI
31.	02452312422	NIKITA
32.	00952312422	PRIYANKA ARORA
33.	00152312422	MANVI MITTAL
34.	00552312422	PRIYANKA
35.	00252312422	HARSHPREET KAUR
36.	01852312422	ANCHAL KUMARI

37.	00752312422	GEETIKA YADAV
38.	01252312422	KRITI DHUNNA
39.	01052312422	ASHA BAIRWA
40.	01552312422	MUSKAN

Dej