



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
Fax : 011-27550018 • Email : info rehab@tecnia.in Website : www.rehab.tecnia.in

Ref. No. AIRSR | 2022-23 | 3661


Dated 08/04/22

CIRCULAR

Date: - 08.04.2022

All the ECO-CLUB students are hereby informed that visit to Yamuna Bio-Diversity Park is being organized by the ECO-CLUB. All the students are requested to kindly assemble in your ECO-CLUB attire on 11th April 2022 (Monday) at 8:30AM in college premises.

All the students are hereby required to wear shoes, full sleeves clothes and caps/hats. Students should also carry water bottles in the field as instructed by Yamuna Bio-Diversity Park.


Ms. Gangotri
ECO-Club Incharge


Mrs. Sanjana Mittal
Deputy Director

- Copy to: 1. Dean Academics.
2. All Course coordinators/Class in charges.
3. Student Welfare Dept.
4. Website for updation.



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Ref. No. AIRSR/2022-23/3660

Dated 07/04/20.22

To
Director
Yamuna Bio-Diversity Park
Main Jagatpur Road, Wazirabad, New Delhi, Delhi 110084

Sub: Request for Visit to Yamuna Bio-Diversity Park.

Respected Sir/Madam

We are one of the premium rehabilitation institutes, called Ashtavakra institute of rehabilitation sciences and research (formally known as special art school), located at 5 PSP, Madhuban Chowk, Rohini, Delhi, affiliated to Guru Gobind Singh Indraprastha University, Delhi. We offer Bachelor degree in special education – Hearing Impairment (B.Ed HI), Intellectual Disabilities (B.Ed ID), Learning Disabilities (B.Ed LD), Visual Impairment (B.Ed VI) and Autism Spectrum Disorder (B.Ed ASD) along with Bachelor degree in Audiology Speech Language Pathology (BASLP). Under Graduate programmes offered in the field of Special Education are –Hearing Impairment, Intellectual Developmental Disabilities, Visual Impairment, Deaf Blindness, and Cerebral Palsy. Our Institute's barrier free infrastructure provides access to all and ensures value based equality education, training, research and consultancy, in the field of rehabilitation.

As per the syllabus for academic session 2021-22 of Rehabilitation Council of India, New Delhi; the **D.Ed.SE.Cerebral Palsy** students have to undertake visit to BIO-DIVERSITY PARK within India or Abroad (Optional) with the prior permission of the Head of the BIO-DIVERSITY PARK. As part of ECO-CLUB student's visit is mandatory, so as to provide with them the real insight of working procedure of a BIO-DIVERSITY PARK, we hereby request you to kindly accord permission to visit BIO-DIVERSITY PARK on the day of **11th April 2022 (Monday)**. After the visit, the students will be required to submit a report and present the same to their ECO-CLUB in-Charge. There would be a total of students accompanied by a faculty member from our institute. The visit is aimed at enhancing their knowledge..

I hope you will allow us the opportunity to visit your industry and meet your skilled staff.

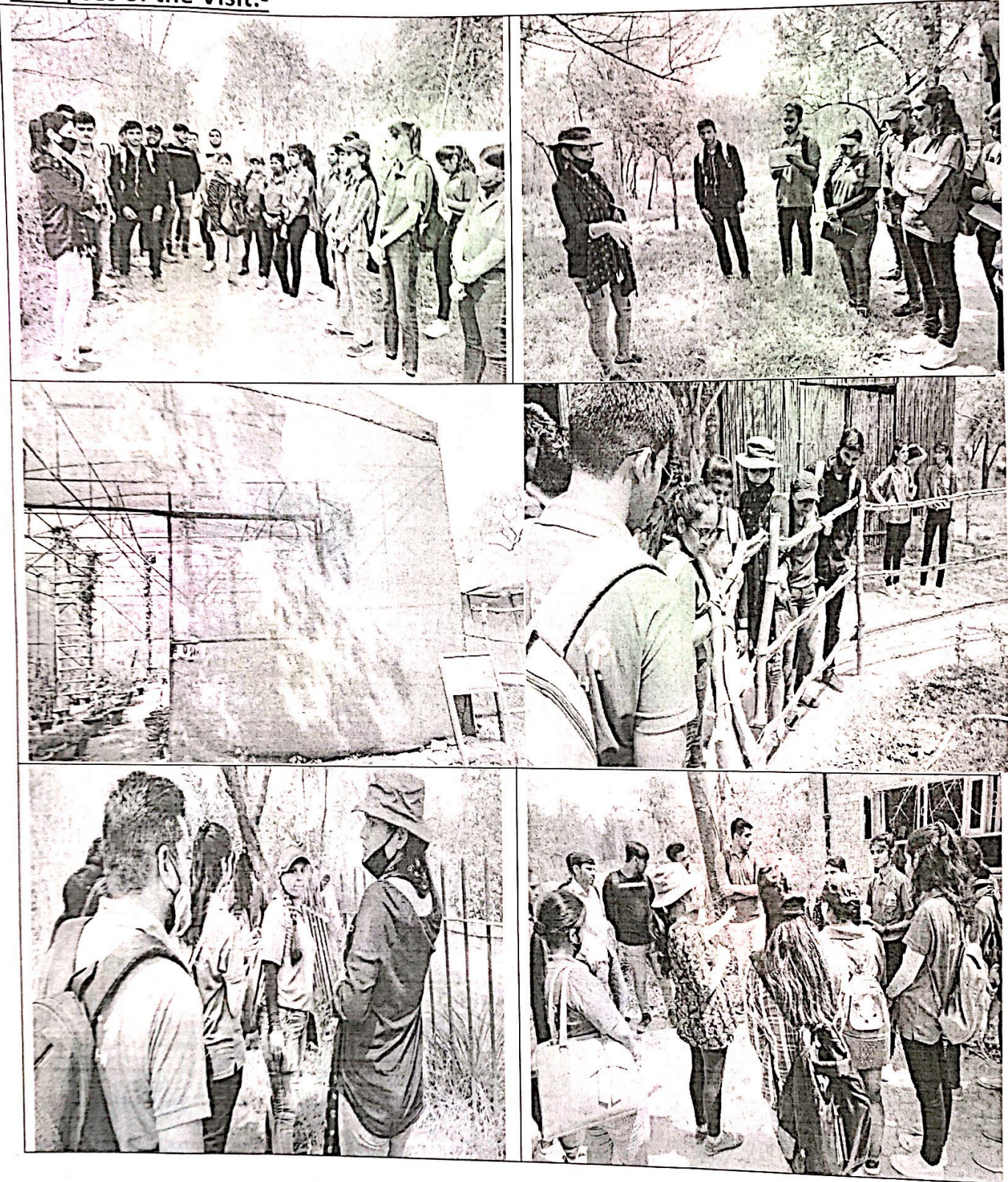
We hereby request you to kindly accord permission to visit BIO-DIVERSITY PARK, your positive social response in this regard will be highly solicited, waiting with Anticipation.


Ms. Gangotri
HOD CP DEPARTMENT




Mrs. Sanjana Mittal
Deputy Director & Student Welfare Department

Glimpses of the Visit:-





Learning Outcomes:-

1. The students were awared about different facets of biodiversity.
2. The students developed positive attitude towards the Environment.
3. The students learned on various dimensions, its conservation and sustainable usage of natural resources through action based programs.
4. The students developed leadership quality.

Fact File of 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 biologically rich wetlands, grassland communities, a wide variety of fruit yielding species and an abundance of medicinal herbs. The Park also comprises a native flora and fauna which used to exist 100 years ago 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 flat alluvial plains of the 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-coloured 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 water facilities and three resting places covered with the vines of *Argyrea nervosa*, *Jasminum sambac* and *Petrogea volubilis*. 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.

A trail further leads to the Bambusetum, the Nature interpretation Centre, the Conservatory of fruit yielding species, the Migratory duck's wetland and the Nature Reserve area. Nature interpretation Centre is 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.

FLORA

Chil Bil

Chil Bil is a tall tree that has Medicinal properties. It is a tree which is semi-deciduous. It contains winged seeds. The seed kernel can be consumed.



Manilkara hexandra

Khirni is a little too medium estimated tree evergreen tree, 3-4 meter high, with a spreading crown and straight huge bole. It is usually discovered fillings wild in the dry evergreen woods in Focal India and evergreen the Deccan Landmass of India.



Dillenia Indica (Elephant Apple)

Dillenia indica, commonly known as **elephant apple**, It is an evergreen large shrub or small to medium-sized tree growing to 15 m tall. The leaves are 15–36 cm long, with a conspicuously corrugated surface with impressed veins. Its branches are used to make good firewood. The flowers are large, 15–20 cm diameter, with five white petals and numerous yellow stamens. Its characteristic round fruits are large, greenish yellow, have many seeds and are edible. The fruit is a 5–12 cm diameter aggregate of 15 carpels, each carpel containing five seeds embedded in an edible but fibrous pulp.



Acacia

Acacia are ordinarily developed all through mild, tropical and desert locales, and incorporate various particular development structures with an abundance of yellow or white blooms groups. Acacia likewise give us numerous valuable items, from delightful hardwood to water dissolvable gums utilize as a thickening specialist in your frozen pastries. In the wild, local acacia give the food and natural surroundings to an assortment of creatures, from hooved warm blooded animals and birds to incalculable types of bugs. The gigantic sort acacia has advanced into two fundamental gatherings. One gathering incorporates animal varieties bearing widened leaf petioles working like leaf sharp edges



FAUNA

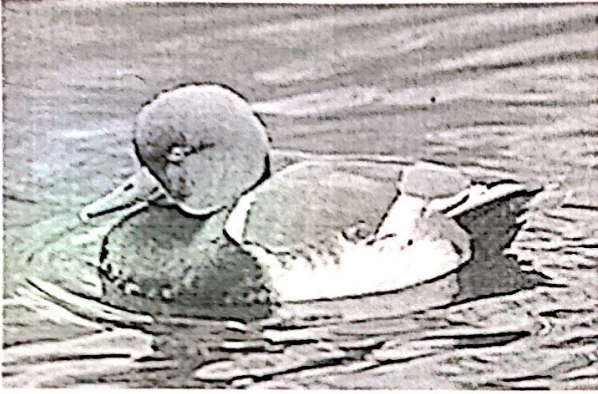
Darter

It refers to their long thin neck, which has a snake-like appearance when they swim with their bodies submerged, or when mated pairs twist it during their bonding displays. "Darter" is used with a geographical term when referring to particular species. It alludes to their manner of procuring food, as they impale fishes with their thin, pointed beak. The American darter (A. anhinga) is more commonly known as the anhinga. It is sometimes called "water turkey" in the southern United States; though the anhinga is quite unrelated to the wild turkey, they are both large, blackish birds with long tails that are sometimes hunted for food.



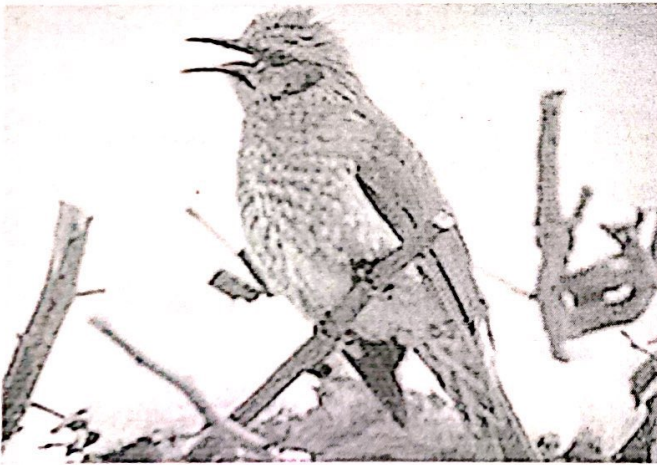
Red-Crested Pochard

The red-crested pochard (*Netta rufina*) is a large diving duck. The scientific name is derived from Greek *Netta* "duck", and Latin *rufina*, "golden-red". Its breeding habitat is lowland marshes and lakes in southern Europe and it extends from the steppe and semi-desert areas on the Black Sea to Central Asia and Mongolia, wintering in the Indian Subcontinent and Africa. It is somewhat migratory, and northern birds winter further south into north Africa.



Bulbul

The bulbuls are a family, Pycnonotidae, of medium-sized passerine songbirds, and includes the greenbul, brownbul, leaflove, and bristlebill. The family is distributed across most of Africa and into the Middle East, tropical Asia to Indonesia, and north as far as Japan. A few insular species occur on the tropical islands of the Indian Ocean. There are over 150 species in 32 genera. While different species are found in a wide range of habitats, the African species are predominantly found in rainforest, whereas Asian bulbuls are predominantly found in more open areas.



Coppersmith Barbet

The coppersmith barbet (*Psilopogon haemacephalus*), also called crimson-breasted barbet and coppersmith, is an Asian barbet with crimson forehead and throat, known for its metronomic call that sounds similar to a coppersmith striking metal with a hammer. It is a resident bird in the Indian subcontinent and parts of Southeast Asia. It carves out holes inside a tree to build its nest. It is predominantly frugivorous, but has been observed eating insects, especially winged termites.





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LIST OF BENEFICIARIES

S.No.	Enrollment No.	Name of the Participants
1	URMI AGRAWAL	00352312520
2	DEEPIKA	01252312520
3	RUHI	01952312520
4	BHAWNA	01152312520
5	ANKUR BHARDWAJ	00652312520
6	AASHIMA AGARWAL	00852312520
7	HIMANSHI DHINGRA	01852312520
8	ANKIT CHHIKARA	00152312520
9	NIKITA ARORA	00952312520
10	TANNU MALIK	01452312520
11	PARUL JINDAL	00552312520
12	UMA KUMARI	01352312520
13	SAKSHI	00452312520
14	MANASVI	00252312520
15	MUSKAN RANA	01752312520
16	MANISHA	02352312520
17	HIMANI BENIWAL	01552312520
18	MINKU	02252312520
19	AASHIMA NANDA	01052312520
20	INDU NIGAM	02052312520
21	SHIVANI	35252312520
22	VANDANA SHARMA	35152312520
23	SANCHITA KHANNA	01652312520
24	SHRISHTI SINGHAL	00352312420
25	VANSHIKA	01052312420

