Brochure of the Online-hybrid Courses of BNHS CEC – Mumbai (2021–22 batches)

Conservation Education Centre (CEC) Bombay Natural History Society, Mumbai

CEC-Mumbai: BNHS Conservation Education Centre, General Arun Kumar Vaidya Road, Near Film City, Goregaon (E), Mumbai-400063, Maharashtra.

Phone Numbers: +919594953425/+919594929107

Email: cec-mumbai@bnhs.org
LIST OF ONLINE-CUM-FIELDHYBRID COURSES CONDUCTED BY CEC-BNHS, MUMBAI

1. Basic Course in Ornithology  
   Duration: 11 months (August 2021 to June 2022)

2. Leadership Course in Biodiversity Conservation (LeadBio)  
   Duration: 11 months (June 2021 to April 2022)

3. Basic Course in Herpetology  
   Duration: 4 months (June 2021 to September 21)

4. Basic Course in Butterfly Studies  
   Duration: 6 months (August 2021 to January 2022)

5. Field Course in Botany  
   Duration: 6 months (July 2021 to December 2021)

Qualification required for all courses: 10th Std.  
Medium of instructions/Study material: English.

For more details, please drop an email

On email address:  
cec-mumbai@bnhs.org

Or call us on  
Mobile: +919594953425/+919594929107
BNHS CEC is happy to announce the admissions for Basic Course in Ornithology (BCO) for the year 2021-2022. The course includes inaugural and wrap-up sessions, field visits around Mumbai and field camps to various bird habitats across India.

**Highlights of the course:**
- An online hybrid courses
- Duration is 11 months (August 2021 to June 2022)
- Study material cover basics of ornithology (in India)
- Project work
- 2 Field camps, 2 indoor sessions and 8 field visits
- Certificate from BNHS after successful completion of the course
- Course leader: Dr. Raju Kasambe, Ornithologist, Assistant Director – Education, CEC, Mumbai
Who can enroll?
➢ Anyone with an interest in birds
➢ Basic qualification is Class 10 (any Board)

What are the course deliverables?
The course includes extensive notes, field visits with experts and online assignments. A detailed break-up of the course deliverables is as follows:

- **Chapters**: Every month one chapter, written by BNHS experts, is emailed to the participants. Chapters cover various topics such as introduction to birds, their evolution, morphology, anatomy, physiology, food and feeding habits, history of Indian ornithology and bird conservation.

- **Field visits and reports**: A total of eight half-day field visits will be conducted to various wildlife habitats near Mumbai during the course duration, out of which three are compulsory. A brief report on each field visit must be submitted as part of the monthly assignment submission document. Participants staying away from Mumbai (in other parts of Maharashtra or in other states) can instead visit a similar habitat near their location, on their own, and submit their report in the monthly assignment.

- **Field camps, indoor sessions and reports**: One inaugural session, one wrap-up session and two field camps will be organized. Field camps are conducted at various biodiversity habitats across India. Participants are required to attend both the field camps and the inaugural session. After each camp/session, a report must be submitted as part of the monthly assignment submission document.

- **Project work**: This is an integral part of the course and involves submitting a project report every month. Every project will focus on a theme and the report will be based on the relevant observations/study in one’s selected locality. The final project report and the presentation at the end of the year will be a compilation of the monthly reports and a practical action plan for one’s locality.

What is the course fee?
The course fee is **Rs. 13,150/-** which includes BNHS expertise and refreshments in the inaugural and wrap-up sessions. The field camps at other locations are charged separately.

How to Register?
For registration, please refer page number 20 of this document.

For any further query please email us at ‘ornithology@bnhs.org’ or call on 09594953425/09594929107 (Monday to Friday 10:00 am to 05:30 pm)

**Last date for registration is 20th April 2021 (Limited seats available).**
Some images clicked during the field visits and camps of the course:

Participants of Ornithology Course batch 2019-20 during ‘bird migration studies techniques’ Field Camp at Navi Mumbai

BNHS CEC is happy to announce the admissions for ‘Leadership Course in Biodiversity Conservation’ (Lead Bio) for the year 2021-22. The course includes inaugural and wrap-up sessions, field visits around Mumbai and field camps to various wildlife habitats across India.

**Highlights of the course:**
- An online hybrid course.
- Duration is 11 months (June 2021 to April 2022)
- Includes study material, 6 field visits, 2 field camps with subject experts and 2 indoor sessions
- Project work
- Certificate from BNHS after successful completion of the course
- Course leader: Dr. Raju Kasambe, Assistant Director - Education, CEC, Mumbai
Who can enroll?

- Anyone with an interest in the biodiversity of India
- Basic qualification is Class 10 (any board)

What are the course deliverables?
The course includes field work and online assignments. Given here is a detailed break-up of the course deliverables

- **Chapters**: Every month, one chapter written by BNHS experts is sent online to participants. Chapters cover topics like biodiversity, ecology, plants, insects, marine life, amphibians, birds, mammals, conservation issues and sustainable development, environmental laws and environmental impact assessment.

- **Online research**: To learn in greater detail about India’s biodiversity and its conservation issues, participants are expected to refer to scientific papers, articles, news, discussions, films based on biodiversity, etc. available online and submit abstracts of the same in the monthly assignment submission document.

- **Field visits and reports**: A total of six half-day field visits will be conducted to various wildlife habitats near Mumbai during the course duration, out of which four are compulsory. A brief report on each field visit must be submitted as a part of the monthly assignment. Participants staying away from Mumbai (in other parts of Maharashtra or in other states) can instead visit a similar habitat near their location, on their own and submit the report in monthly assignment.

- **Field camps, indoor sessions and reports**: In the course duration, one inaugural session, one wrap-up session and two field camps will be organized. Field camps are conducted in various habitats across India. Participants are required to attend two field camps and the inaugural session. A camp/session report must be submitted after each camp in the monthly assignment.

- **Project Work**: This is an integral part of the course and involves submitting a project report every month. Every project will focus on a theme and the report will be based on the relevant observations/study in one’s selected locality. The final project report and the presentation at the end of the year will be a compilation of the monthly reports and a practical action plan for one’s locality.

What is the course fee?
The course fee is **Rs. 13,150/-**, which includes BNHS expertise and refreshments in the inaugural and wrap-up sessions. The field camps at other locations are charged separately.

How to Register?
For registration, please refer page number 20 of this document.
For any further query please email us at ‘biodiversity@bnhs.org’ or call us on 09594953425/09594929107 or +912228429477 (Monday to Friday 10:00 am to 05:30 pm)

Last date for registration is 20th April 2021 (Limited seats available).

Some images clicked during field visits and camps of the course:

Group picture licked during a field camp at Bharatpur, Rajasthan in January 2020 (Image: Priyanka Jundare)
Indian Golden Jackal clicked at Field camp at Bharatpur in January 2020 (Image: Dr. Raju Kasambe)

Bronze-winged Jacana clicked at Bharatpur, Rajasthan during a field camp (Images: Dr. Raju Kasambe)
BNHS CEC is happy to announce the admissions for Basic Course in Herpetology (study of reptiles and amphibians) for the year 2021-2022. The course includes inaugural and wrap-up sessions, field visits around Mumbai and field camps to various habitats across India.

**Highlights of the course:**

- An online hybrid courses
- Duration is four months (June 2021 to September 2021)
- Covers topics such as identification, morphology, behaviour, importance of reptiles and amphibians.
- Project work
- 2 Field camps, 2 indoor sessions and 2 field visits
- Certificate from BNHS after successful completion of the course
- Course leader: Mr. Mrugank Prabhu, Scientist BNHS.

**Who can enroll?**

- Anyone with an interest in reptiles and amphibians of India
Basic qualification is Class 10 (any Board)

What are the course deliverables?

The course includes extensive notes, field visits with experts and online assignments. A detailed break-up of the course deliverables is as follows:

- **Chapters**: Every month, one chapter written by BNHS experts is sent online to participants. These chapters cover the introduction to amphibians and reptiles.

- **Field visits and reports**: A total of two half-day field visits will be conducted near Mumbai during the course duration, out of which one is compulsory. A brief report on each field visit must be submitted as part of the monthly assignment submission document. Participants staying away from Mumbai (in other parts of Maharashtra or in other states) can instead visit a similar habitat near their location, on their own.

- **Field camps and reports**: One inaugural session, one wrap-up session and two field camps will be organized. Field camps are conducted in various habitats across India. Participants are required to attend at least one field camp and the inaugural session. After each camp/session, a report must be submitted as part of the monthly assignment submission document.

- **Online research**: To learn in greater detail about herpetology in India, its research, conservation and awareness work, participants are expected to refer to scientific papers, articles, news, discussions, documentaries etc. available online, and submit abstracts of the same in the monthly assignment submission document.

- **Project work**: This is an integral part of the course and involves submitting a project report every month. Every project will focus on a theme and the report will be based on the relevant observations/study in one’s selected locality. The final project report and the presentation at the end of the year will be an amalgamation of the monthly reports and a practical action plan for one’s locality.

What is the course fee structure?

The course fee is **Rs. 9,150/-** which includes BNHS expertise and refreshments in the inaugural and wrap-up sessions. The field camps at other locations are charged separately.

How to Register?

For registration, please refer page number 20 of this document.

For any further query please email us at ‘herpetology@bnhs.org’ or call on 09594953425/09594929107 or +912228429477 (Monday to Friday 10:00 am to 05:30 pm)

**Last date for registration is 20th April 2021 (Limited seats available)**
Some images clicked during the field visits and field camps of the course:

Malabar Pit Viper and Khaire’s Shieldtail clicked during the field camps at Amboli, Maharashtra (Image: Dr. Raju Kasambe)

Newly discovered CEPF Burrowing Frog (Fejervarya cepfi) clicked during the field camps at Amboli, Maharashtra (Image: Dr. Raju Kasambe).
BNHS CEC is happy to announce the admissions for Basic Course in Butterfly Studies (Butterfly Course) for the year 2021-2022. The course includes inaugural and wrap-up sessions, field visits around Mumbai and field camps to various butterfly habitats across India.

**Highlights of the course:**
- An online hybrid course.
- Duration is 6 months (August 2021 to January 2022).
- Covers topics such as life cycle, identification, behaviour, diversity and butterfly gardening.
- Project work.
- Field camps, field visits and indoor sessions.
- Certificate from BNHS after successful completion.
- **Course leader:** Dr. Raju Kasambe, Assistant Director - Education, CEC, Mumbai.

**Who can enroll?**
- Anyone interested in butterflies and their conservation.
- Basic qualification is Class 10 (any Board).
**Course fee:**  
The course fee is Rs. *9,150/-* which includes BNHS expertise, study material and refreshments in the inaugural and wrap-up sessions. The field camps at other locations will be charged separately.

**How to Register?**  
For registration, please refer page number 20 of this document.

For any further query please email us at ‘butterfly@bnhs.org’ or call on 09594953425/09594929107 or +912228429477 (Monday to Friday 10:00 am to 05:30 pm)

**Last date for registration is 20 May 2021 (Limited seats available).**

Some images clicked during the field visits and field camps of the course:

Malabar Banded Peacock and Southern Birdwing clicked during a field camp at Sammilan Shetty’s Butterfly Park, Belvai, Karnataka batch 2019 (Images: Dr. Raju Kasambe)

Blue Oakleaf and Crimson Rose mating butterflies clicked at BNHS CEC Butterfly garden in Goregaon, Mumbai (Images: Dr. Raju Kasambe)
5. FIELD COURSE IN BOTANY, 2021-2022

Group photograph clicked during a field camp at Amboli batch 2019 (Image: Ms. Kiran Thumma)

BNHS CEC is happy to announce the admissions for Field Course in Botany for the year 2021-22. The course includes inaugural and wrap-up sessions, field visits around Mumbai and two field camps to any floral habitat across India.

**Highlights of Field Course in Botany**

- A course focused on field study in Botany, mainly on higher plants (Angiosperms).
- The duration of the course is 6 months (July 2021 to December 2021).
- Covers topics such as morphology of plants, distinguishing characteristics of families and key identifications of dominating families in higher plants, Herbarium visit.
- Two field camps, four field visits, two indoor sessions and project work.
- Certificate from BNHS after successful completion.

**Who can enroll?**

- Anyone with an interest in plants
- Basic qualification is Class 10 (any Board)
What are the course deliverables?
The course has 4 field visits out of which 3 are compulsory. Participants are expected to attend the inaugural, wrap-up and one field camp. Project work is an integral part of the course and involves submitting a project report at the end of the course.

What is the course fee?
The course fee is **Rs. 9,150/-**, which includes BNHS expertise, study material and refreshments in the inaugural and wrap-up camps. The field camps will be charged separately.

How to Register?
For registration, please refer page number 20 of this document.

For any further query please email us at ‘botany@bnhs.org’ or call on 09594953425/09594929107 or +912228429477 (Monday to Friday 10:00 am to 05:30 pm).

Last date for registration is 20th May 2021 (Limited seats available).

Some images clicked during the field camps and visits of the course:

*Chlorophytum tuberosum* and *Crinum latifolium* (Milk and Wine Lily) clicked during a field visit of Botany Course batch 2019 (Images: Ms. Kiran Thumma)
Indian Screw Tree flower (Image: Ms. Kiran Thumma) and Amaltas (Image: Dr. Raju Kasambe)

Avicennia marina (Grey Mangrove) clicked during field visit botany in 2019 (Image: Priyanka Jundare)
Group photograph of participants of Botany course batch 2019 clicked during a field camp at Lonavala, Maharashtra (Image: Ms. Kiran Thumma)

HOW TO REGISTER?

**Step 1:** Fill up the Google Form using the provided link or by scanning the QR code.

**Step 2:** While filling up the form, please select the course you are interested to join. Note: If someone is willing to join two courses at a time, kindly fill up the form againfor the second course.

**Step 3:** Once the form is filled, CEC team will share the bank details for fees transfer.

**Step 4:** Transfer the fees and email the receipt or screenshot of the payment details on respective course email id.
- LeadBio - biodiversity@bnhs.org
- Ornithology – ornithology@bnhs.org
- Herpetology – herpetology@bnhs.org
- Butterfly – butterfly@bnhs.org
- Botany - botany@bnhs.org

**Note:** Kindly add your name and name of the course in the remark section while tranferring the fees.

**Step 5:** You will receive fees transfer confirmation from CEC team with in 2 to 3 working days.
For registration-
-Click on link: https://forms.gle/xuB8GKnyMH6976896

(Kindly note that it is compulsory to fill the online Google registration form for admission)

-Or scan the QR code given below for the registration form:

![QR Code]

For any further query please email us on cec-mumbai@bnhs.org or call us on:
Sagar: +91 88391 53977.
Abhijit: +91 98673 19812.
Nandkishor: +91 76201 93207.
Raju: +91 9082821943.

Office numbers (CEC Mumbai): 09594953425/09594929107 (Monday to Friday 10:00 am to 05:30 pm).
ABOUT BOMBAY NATURAL HISTORY SOCIETY (BNHS):
Bombay Natural History Society (BNHS), a membership driven organisation, has been promoting the cause of nature since 1883. It is a designated Scientific and Industrial Research Organization (SIRO) of India. Conservation, based on scientific research, is the guiding principle of all activities undertaken at BNHS. 
**BNHS Mission:** Conservation of Nature, primarily Biological Diversity through action based on Research, Education and Public Awareness.
**BNHS Vision:** Premier independent scientific organisation with a broad-based constituency, excelling in the conservation of threatened species and habitats.

ABOUT CONSERVATION EDUCATION CENTRE (CEC), MUMBAI:
The Conservation Education Centre (CEC) of BNHS is located amidst lush green forest cover at Goregaon, nestled between the Dadasaheb Phalke Chitra Nagari (aka Film City) and Sanjay Gandhi National Park. In 1983, the Maharashtra Government, at the behest of the Government of India, offered the land in recognition of the Society’s 100 years of service in nature conservation.
Since 1993, when the centre began its activities, it has worked towards creating awareness and concern about nature in students, educators, government employees, corporate bodies and general public. The diverse activities at CEC from walks to workshops to certificate courses draw thousands of visitors every year. The centre particularly strives to make conservation education accessible to the underprivileged students.

**Text and layout:** CEC Team.

Bombay Natural History Society, Mumbai

**Head Office Address:** Bombay Natural History Society, Hornbill House, Dr. Sálim Ali Chowk, Shaheed Bhagat Singh Road, Opp. Lion Gate, Mumbai-400001, Maharashtra.

**Phone number** - 022-22821811  
**Email:** info@bnhs.org