

Zoology Departmental Report (2024-25)

Preliminary information

I Department profile

Dr. Roshan D'Souza - Head of Department

Ms. Sandhya Kadiru

II Courses/Papers taught

SEMESTER I -

DSC Minor Theory Course: SZOO111- Diversity of Animal Kingdom -I

DSC Minor Practical Course: SBSZOO111P

Open Elective Courses:

OE101A – Butterfly Gardening

OE101B – Nutrition & Public Health

Indian Knowledge System:

IKS107 – Animal Husbandry in Ancient India

Value Education Courses :

VEC104 – Elements of Ecology

VEC105 – UN Sustainable Development Goals

SEMESTER II-

DSC Minor Theory Course: SZOO122 - Diversity of Animal Kingdom - II

DSC Minor Practical Course: SBSZOO122P

Open Elective Courses:

OE201A – Nutrition & Public Health

OE201B – Butterfly Gardening

Value Education Courses:

VEC204 – Elements of Ecology

VEC205 – UN Sustainable Development Goals

VEC207 – Environmental Science

SEMESTER III

DSC Minor Theory Course: SZOO233MN - Genetics -I, Developmental

Biology and Economic Zoology-I

DSC Minor Practical Course: SBSZOO233MNP

Open Elective Courses:

OE306 – Insights into Animal Behaviour

Vocational Skill Course:

SVEC305 - LABORATORY & FIELD EXERCISES IN ECOLOGY

SEMESTER IV

DSC Minor Theory Course: SZOO244MN - Genetics -I, Cell Biology and

Economic Zoology-II

DSC Minor Practical Course: SBSZOO244MNP

Open Elective Courses:

OE406 – Insights into Animal Behaviour

Skill Enhancement Course :

SSEC405: Science Communication

III BOS composition

Dr. Roshan D'Souza - Chairperson, Board of Studies

Ms. Sandhya Kadiru -Senior Teacher

Dr. Vaishali Somani -The Vice-Chancellor's nominee

Dr. B. B. Nath -Subject Expert (outside the Parent University)

Dr. Peeyush Pahade -(outside the Parent University)

Dr. Aldon Fernandes - Representative from industry

Ms. Juili Mirgule - Postgraduate alumnus

Dr. Pushpa Sinkar - Other Member of Faculty

IV Dates of BOS meetings

30th September 2024

Activities conducted by the department:

ACTIVITY 1

Title of the activity/event - CAREERSCOPE

→ Date (from & to) - 11th to 14th Dec. 2024

→ Number of staff members involved – 2 - Dr. Roshan D'Souza & Ms. Sandhya Kaduru

→ Number of students involved - 35

→ Guest/Speaker – 11th Dec. 2024 - Ms. Sakshi Bhagat, Masters in Conservation biology
Macquarie University, Sydney

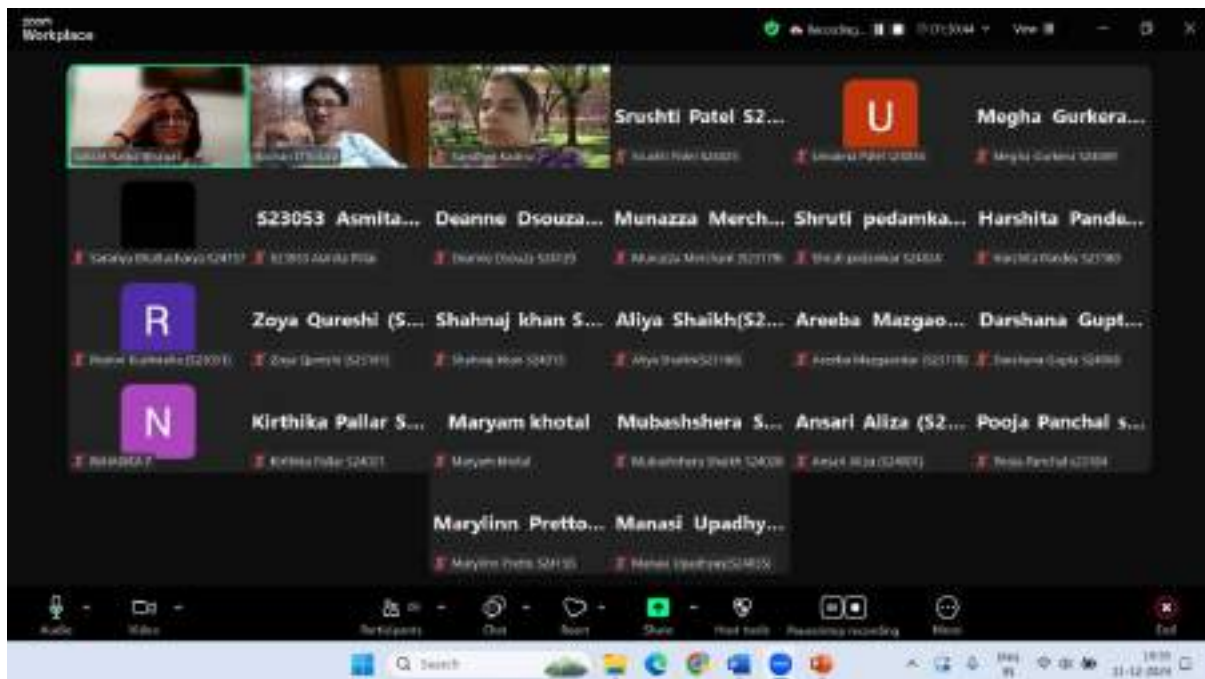
12th Dec. 2024 - Ms. Anjali Sharma, Senior Associate, State Bank of India,

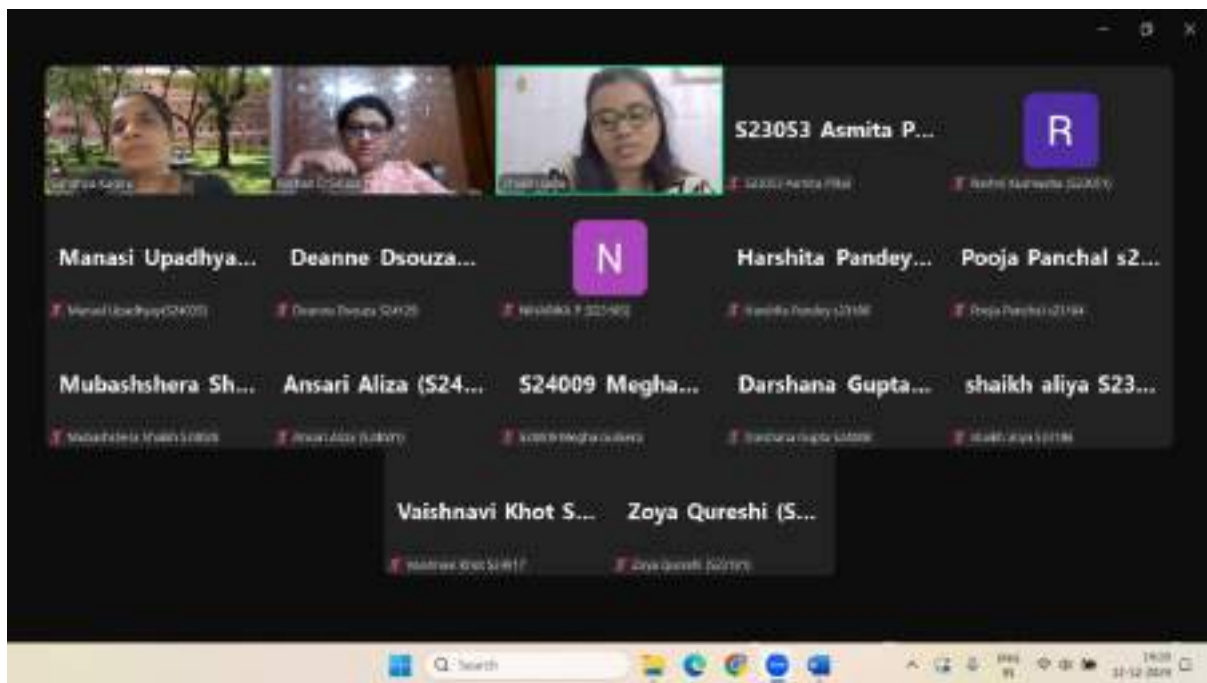
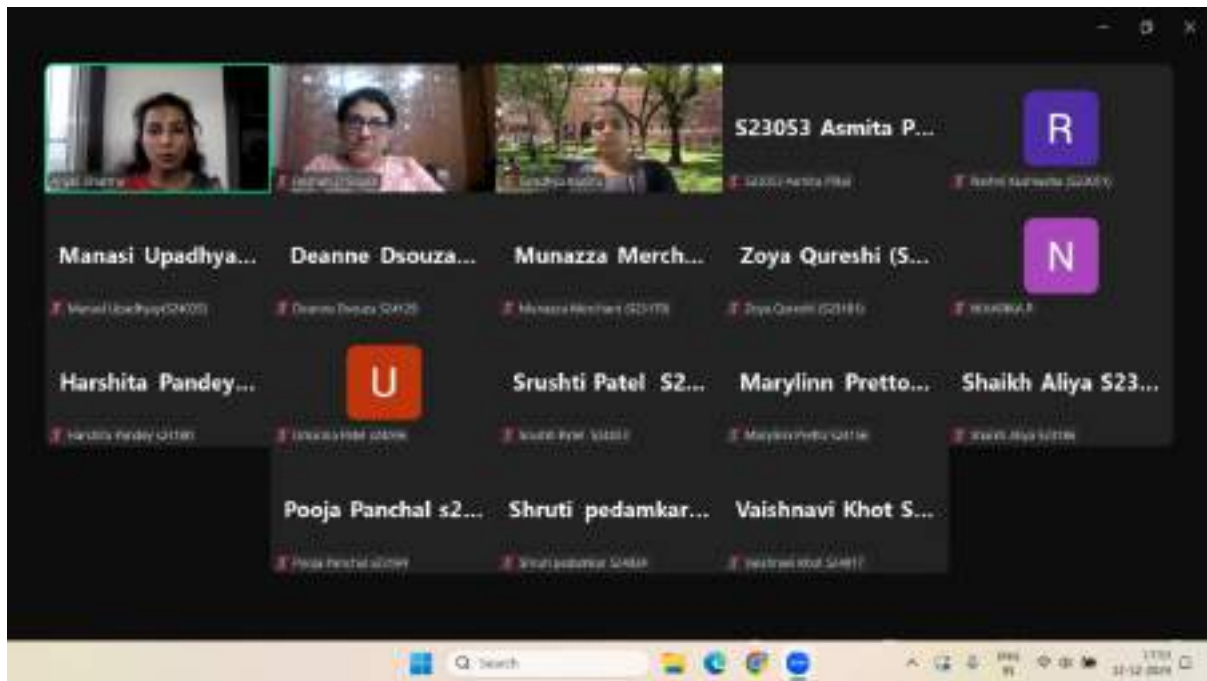
Ms. Saba Shaikh, Production Manager (QA/QC), GoZero Icecreams

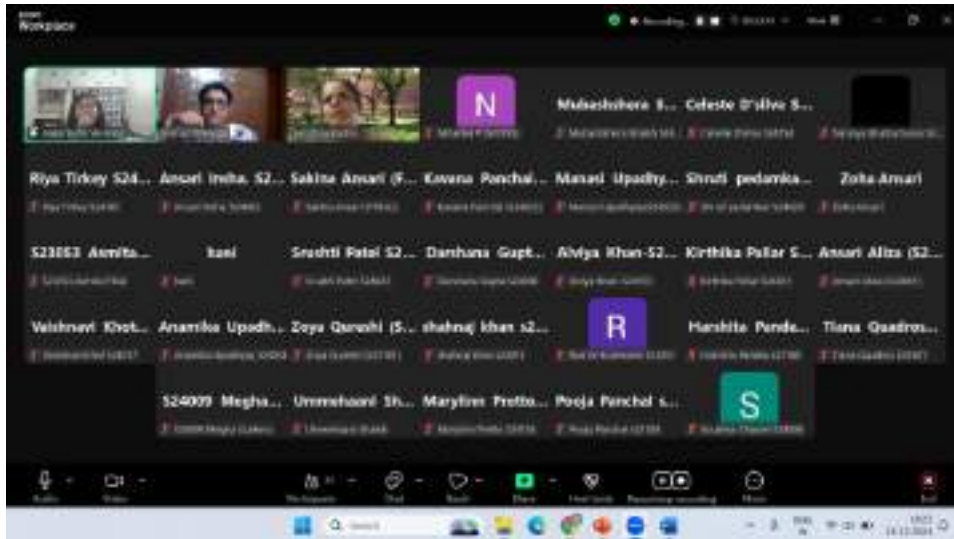
13th Dec. 2024 - Ms. Aakanksha Verlekar, Editorial Board Resourcing Specialist, Springer
Nature Global

14th Dec. 2024 - Ms. Annabel Dsouza, Communications Manager, Indian School of Business
(Hyderabad)

→ Geotagged Photographs : Screenshots of the program :









**SOPHIA COLLEGE FOR WOMEN
(EMPOWERED AUTONOMOUS)
DEPARTMENT OF ZOOLOGY
ORGANIZES RUSA 2.0 SUPPORTED**

CAREERSCOPE

Join us for the interactive sessions conducted by our meritorious alumnae to guide you through the exciting world of career possibilities



SABA SHAIKH
Production Manager
GoZero Icecreams



ANNABEL DSOUZA
Communications Manager
Indian School of Business



ANJALI VAIDYA
Senior Associate
State Bank of India



**AAKANKSHA
VERLEKAR**
Editorial Board
Resourcing Specialist,
Springer Nature Global



**LEANDRA
FERNANDES**
Centralized Monitoring
Lead, IQVIA



SAKSHI BHAGAT
Masters in Conservation
Biology, Macquarie
University, Sydney

**11 Dec. 2024 - 6.00 PM
12&13 Dec. 2024 - 5.30 PM
14 Dec. 2024 - 4.30 PM**

[Click here to join the sessions via Zoom](#)

Meeting ID: 948 9827 9903
Passcode: Zoology123

ACTIVITY 2

- Title of the activity/event – Study visit to Maharashtra Nature Park of the students enrolled in VAC – Sustainable Green Ecotourism
- Date (from & to) – 27th October, 2024
- Number of staff members involved – 2; Dr. Roshan D’Souza; Ms. Sandhya Kaduru
- Number of students involved - 18
- Guest/Speaker / Resource person for the trip : Mr. Sachin Rane, Naturalist Explorer LLP
- Geotagged Photographs (please include photographs even if they are not geotagged)



2. Special pedagogical tools used, other than the lecture method

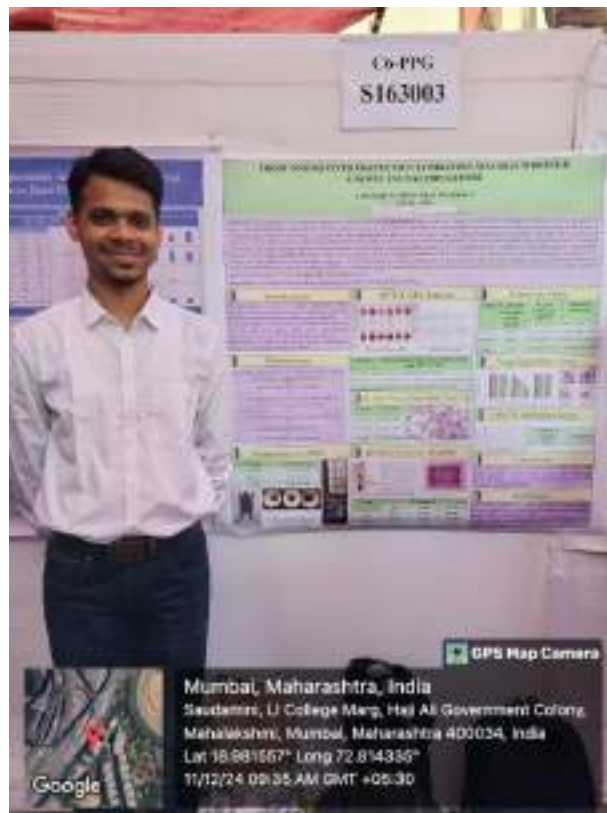
- i. Use of multimedia like PPTs, Videos
- ii. Debates
- iii. Creation of Padlets
- iv. Seminar presentation by students
- v. Creation of infographics
- vi. Quizzes, Crosswords
- vii. Flipped Classroom with eContent delivery
- viii. Extension of classroom activities
- ix. Survey based assignments
- x. Literature reviews
- xi. Exhibitions / Poster presentations

b. Mentor Mentee programs conducted by the department.

The department was a part of the Mentor Mentee programme conducted by the college.

c. Research Papers Presented :

Mr. Akshay Bagwe, Ph. D. Research scholar presented the poster at 19th Avishkar – University Research Convention on 11th Dec. 2024



d. Research Guide for PhD students

Dr. Roshan D'Souza – Guide : Ph.D. Thesis submitted by Ms. Arundhati Dahiwal and Mr. Akshay Bagwe

12. E-content development :

Value added course – Sustainable Green Ecotourism



The Zoology Department, Sophia College for Women (Empowered Autonomous), Mumbai
In collaboration with Naturalist Explorers LLP
organizes RUSA supported
Value - added Course
SUSTAINABLE GREEN ECOTOURISM

Join us for this immersive course to gain essential knowledge and skills for promoting conservation and responsible tourism

- Explore key topics such as nature conservation principles, biodiversity importance, and ecosystem challenges, while learning best practices for eco-tourism
- Engage in hands-on training to identify local flora and fauna, design educational nature tours, and implement conservation initiatives
- By the end of the course, you'll be equipped to advocate for sustainable practices and contribute positively to the preservation of our natural heritage

Course Structure	Course Registration
<p>Course Outline</p> <p>Module 1 : Introduction to Nature Conservation</p> <p>Module 2 : Biodiversity Conservation Strategies and Practices</p> <p>Module 3 : Sustainable Practices and Eco-Tourism</p> <p>Module 4 : Field Training and Observation</p>	<p>Eligibility</p> <ul style="list-style-type: none">• This is a multidisciplinary course, open to students of Arts as well as Science faculty.• Students of Non-NEP batch can avail of VAC credits through this course
	<p>Course Registration Dates: 7th October - 16th October, 2024</p> <p>Course Duration: 30 Hours 19th October - 19th November, 2024</p>
	<p>Course Registration Link https://forms.gle/Yne9yRVurpfVKKYw6</p>
	<p>Course WhatsApp Group Link : https://chat.whatsapp.com/1Av5VT3hey4NrcA5gNjkk</p>
<p>Course Modality</p> <ul style="list-style-type: none">• Theory component : Online through CANVAS LMS where pre-recorded video lectures will be available to give a flexible mode of learning to the participants• Hands-on Training Field studies through two nature tours of about four hours of engagement• On-campus extension activities: Spreading awareness about sustainable green initiatives• Assessment: Through continuous assessment• Certificate will be given to those who will score overall >40% from all the assessments	<p>For any queries, email to: zoo.addncourse@sophiacollege.edu.in</p>