Annexure II



SRI VENKATESWARA COLLEGE (UNIVERSITY OF DELHI)

EVENT REPORT

NAME OF THE EVENT: Study tour to Rajaji National Park, Uttarakhand				
DATE	DEPARTMENT	COMMITTEE/SOCIETY	COORDINATORS NAME	
30 March- 2 April, 2022	Zoology		Prof. Vartika Mathur Dr. Richa Misra	
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: Outdoor/Indoor; online/offline/hybrid	
2 pm (Onward)- 6am (Return)	Rajaji National Park,	17 students with 2 teachers	Outdoor	
FINANCIAL SUPPORT/ASSISTANCE (if any):	None (Self- funded)		

BRIEF INFORMATION ABOUT THE ACTIVITY

TOPIC/SUBJECT OF THE ACTIVITY	Study tour to Rajaji National Park as part of B.Sc (H) Biological Sciences Wildlife Biology & Conservation DSE paper and B.Sc (H) Zoology Wildlife Conservation & Management DSE paper
OBJECTIVES	To introduce field training to students and perform experiments such as Quadrat analysis, Trail and Transect method
METHODOLOGY	In-Field training
INVITED SPEAKERS WITH AFFLIATION DETAILS	
(IF ANY)	
OUTCOMES	Students enjoyed visit to a national park and learnt the various techniques useful for wildlife conservation. Visit to Elephant Rescue Center was also enjoyed by students.

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1 Notice & Letters	2 Number of Participants & Name of participants ✓	3 Video clip	4 Photos ✔	5 Feedback Form & analysis
6 News clip with details	7 Sample Copy of the Certificate	8 Posters/ Invites	9 Event report Attested by Event Coordinator & IQAC Coordinator	10 Any other document

IQAC Document No: IQAC/SVC/2021-22/Zoo 09	Criterion No: II, VII
Departmental file no: SVC/Zoology/2021-22/09	IQAC file No: 2021-22

NAME OF	NAME OF HEAD/	IQAC COORDINATOR (SEAL &
TEACHER &	COMMITTEE INCHARGE &	SIGNATURE)
SIGNATURE	SIGNATURE	
Dr. Richa Misra	Prof. Vartika Mathur	

For Reference

Criterion I	Curricular Aspects (planning & Implementation)	Criterion V	Student Support & Progression
Criterion II	Teaching Learning & Evaluation	Criterion VI	Governance
Criterion III	Research, Innovations & Extension	Criterion VII	Institutional Values & Best Practices
Criterion IV	Learning Resources and Infrastructure		

List of students

- 1. Cheshte (B. Sc (H) Biological Sciences)
- 2. Rabsang (B. Sc (H) Biological Sciences)
- 3. Abhirami (B. Sc (H) Biological Sciences)
- 4. Shubhangi (B. Sc (H) Biological Sciences)
- 5. Sanidhya (B. Sc (H) Biological Sciences)
- 6. Ayushi (B. Sc (H) Biological Sciences)
- 7. Ambika (B. Sc (H) Biological Sciences)
- 8. Dhritismita (B. Sc (H) Zoology course)
- 9. Kanika (B. Sc (H) Zoology course)

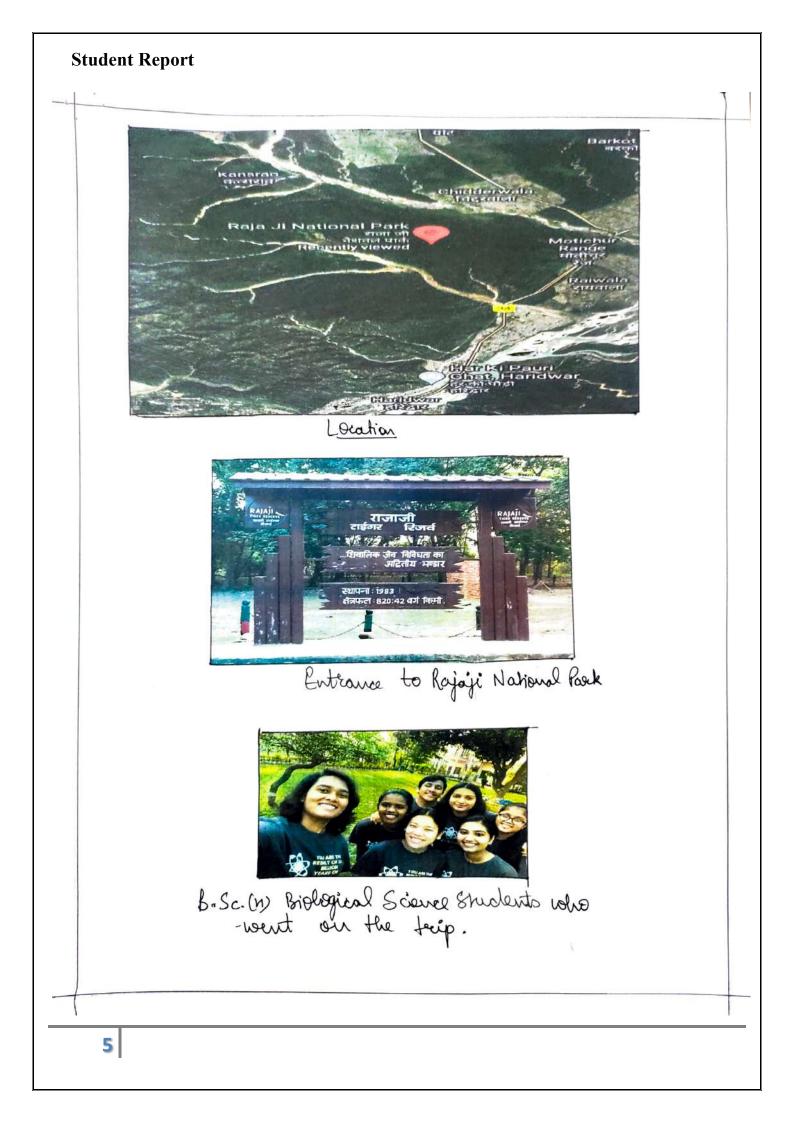
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- 10. Muskaan G (B. Sc (H) Zoology course)
- 11. Suman (B. Sc (H) Zoology course)
- 12. Simran (B. Sc (H) Zoology course)
- 13. Shubhi (B. Sc (H) Zoology course)
- 14. Muskan (B. Sc (H) Zoology course)
- 15. Chandni (B. Sc (H) Zoology course)
- 16. Ritika (B. Sc (H) Zoology course)
- 17. Garima (B. Sc (H) Zoology course)

null, Uttarakhand, India Uttarakhand 249306, India Lat 29.969065° Long 78.190204° 31/03/22 11:28 AM GPS Map Camera

Google





Ph Y=5L DATE: 30th March, 2022 (Wednesday) 17 students [7 of B.Sc. (1) Biological Science (3^{ord} year) + 10 of B.Sc. (1) Zoology (3^{ord} year)] went on the educational trip to RAJAJI NATIONAL PARK and we were accompanied by two teachers Reof. (Dr.) Varitika Mathur and Dr. Richa Misra, We started our trip from the college at around 2:45PM. It was a road journey, full of scenery, which ended around 8:00PM when we reached our resort. We had dinner and then we took some rest after being on a long road journey $\sqrt{2}$ DATE: 318 March, 2022 (Thursday) Early in the morning (around 8:00 Am) after having breakfast, use left the deposit for our training on the various techniq--ues used in wildlife conservation and management to the Chilla beat of Rajaji National Park. When we reached there use net Mor. Ashish Kumar (Beat Officer) who was accompanied by Mor. Shoorafat Ali (Beat Shayak) and Mor. Havish Jeshi (Forest Guard). Mor. Ashish Isriefed us about the past and present of Rajaji National Park. He told us that earlier it was an elephrant occesserve (established in 1983) Isfere being declared as a tigor 6



researce in April 2015 for the purpose of increasing tiger concention sites. Her then also informed us that Rajaji National Park has a core area of 820sq. Km (1500sq. Km along with louffer and core area). Liver Ganga divides the national park into two ports - Eastedur, correring chilla, Gausi and Rawasa stanges & Western, which cousers Havidera, Verilada, Chillawali, Rahngasih, Tasses and Motichus range. We were also informed about the measures, we had to take while walking on transect. After the briefing we started walking on the fearbest i.e., Ganga Transect. Janga Taransect was 2 km long on which we were looking for indulates only. At the start of transect, we noted the start longitude and latitude, time, compass beasing reading as 260 and many officer appets on a form that was provided to us by madam before the start of transect. We took compass bearing reading as 260 because in that direction -the forest had good amount of regetation which in twen was a good sign for seasching the ungedates. As use moved ahead on our transect, we sighted a wild base (Sus scrope). At this point we noted the compass basing seading, angulas sighting distance, the species and the number of males, smalles and young ones present in the group of animals that we sighted along with the latitude and longitude sceadings (wing the mobile application - GPS Map connerce) in the form that was presided to us. In our way ahead, we also saw spotted desers or chital (Aris anis), white horse (Equue Jeans) and peapouel (bus cristatus) and we noted the oaviers readings associated with these arringle in ouse forms.

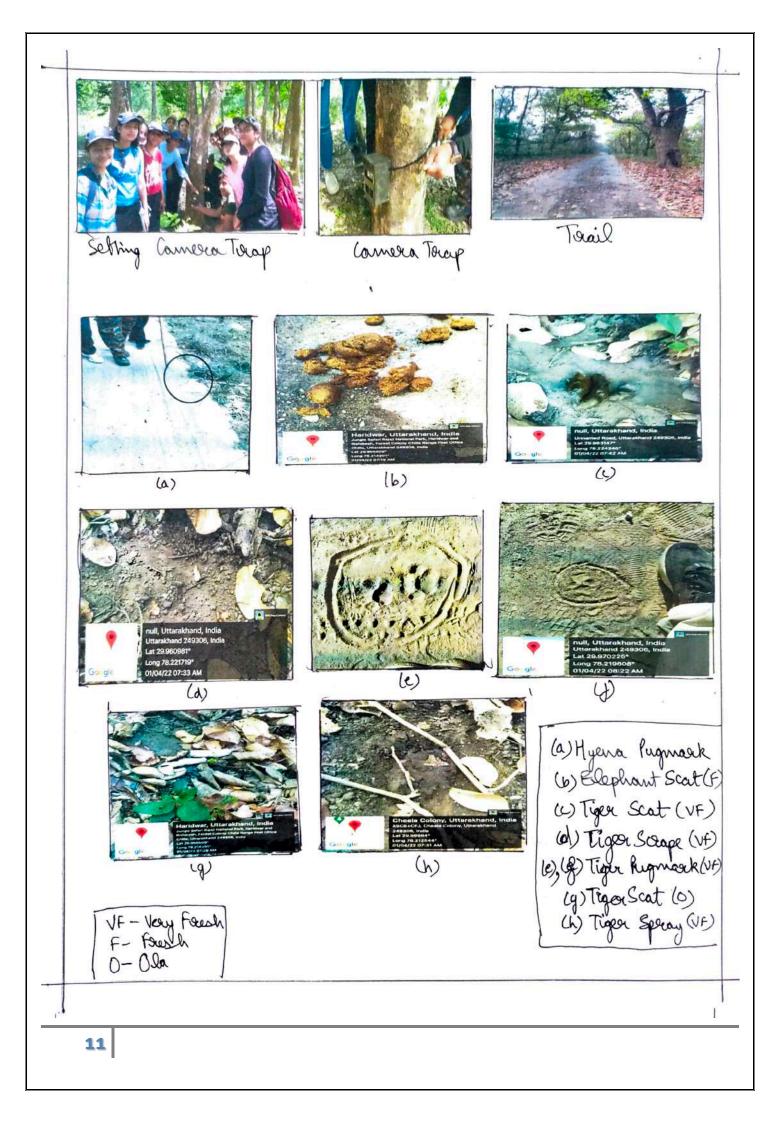
Affer walking for more than two and a half howers, we completed ouse transact. Affer point of completion of transact we did two other analyses. First we did the point Centered Quarter



method or the PCQ method for analysing the plant species member / cover in different sizes of plats. We noted different segetation types and their enangles in the evenlier provided forms, like trees (enample - Gutcl), shoulds (enample - Van Tulst), shouldy weeds (Mexican Pouckly Poppy), heals (kala Vasa) and geaps (cynodom) in 15m, 5m & Im scadius. Also use what down the sign (if any) in the 15m scadius along with ground cover percentage of types of plants in a Im radius plat. Secondly, we did Scat Analysis in a 2m X 20m area, only spotted and identified the scats of the voluere use spotted dear or chital (Aris and sambar (Rus micolog We differentiated between both type of pellets, as chital had little pointy end our one side of the pellet but sambor had looth ends of the pellet as usused. The number of each type of pellets (or scat) were counted and noted in the data form. We also spotted a hypena den, which had lots of bones of the animals (like chital) eaten by it and very fresh prograsks of hypera itself around it.

Thereafter, we headed back to our report. We stopped midway, for some time on the banks of river Ganga, where we took rest for sometime and refreshed our closes by sitting on the rocky bank of river and dipping our feet in the cold and peak reviser water. Then again we started walking and we reached our report and had lunch.

In the evening, we went to an elephant seescie shaller, where we saw sin elephants wound as Raini, Rangeeli, Raja, Radha, Sultan and Johnny. There we got to know about the nicesies faced by these elephants before being rescued and also the methods and strategies adopted for



taking proper case of these deplants. One of these elephants, maned Johny, was abandoned by its heard because they night had beined that Johnny would not have a normal life or would be having some sont of cluess in the coming juture. Following this use returned to our resort, had dinner and took some sleep and rest. DATE: 1st April, 2022 (Foriday) Early in the morning, around 6:30 AM, we went on a Feail (about 4 km), for doing an another set of analysis. We used pugnark, spray, etc. of the counisques like tiger, hypera, etc. and also of large herelaisone like elephant. While on the trail, use spotted differently aged scat samples of tiger and elephant and noted such evidences with their different particulars (like age, semsaks) in the data Joen provided to us earlier. Abo, we saw, some pupmoseks of tigen on the terail, whose age sconged from old (0) to very fresh (VF). Scorape & spray coid ences of tiger were also found & noted in the form. We not only seconded the data in own data forms, but also clicked the geo-tagged pictures (using mobile application- GRS Map Campia) of the indisect evidences for the siecond. Affer completing the trail, we headed back to the sesort, had breakfast and then again headed for the last activity of our educational teip.

Our last activity was to do the Quadrat Method for assessing the regetation of that area. We did this activity on the same place where we started own transect a day before. We all were divided in three groups. We started this quadrat method, first by making a' Im X Im equare (quadrat) by using nails and respe, then identifying the different flora lying in that quadrat and calculating the number of individuals of a particular species. Then the quadrat was extended to 2m X 2m and then to 3m X 3m and the above mentioned process of counting species was repeated. This quadrate method was then repeated in two more nearby sites. Density, abundance and frequency was then calculated Jerom the data so obtained. Thereaffer we went back to respect, rested, had leuch & packed our luggage and left the sessent around 4:30 pm. For a little recreation at the end of the teip, we went to Rishikash, saw the pious Ganga post and stielled accound the city for a while. Then accound 10:30 PM, we left for Delhi with some good memories of the temp. DATE: 2nd April, 2022 (Saturday) We readred the college around 6:00 AM. 13



CERTIFICATE

This is to certify that the (<u>Study tour to Rajaji National Park, Uttarakhand</u>) was successfully conducted on (<u>30 March-2 April, 2022</u>) from (<u>2 pm onward to 6 am</u> <u>return</u>) by (<u>Department of Zoology</u>) in the (<u>Offline</u>) mode and its event report has been submitted to IQAC for records.

C Jula liday

Principal Sri Venkateswara College (University of Delhi) Dhaula Kuan New Delhi-110 021

IQAC Coordinator

IQAC Sri Venkateswara College (University of Delhi) Dhaula Kuan, New Delhi-110021

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