



# NIRMALA COLLEGE MUVATTUPUZHA

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**FOURTH CYCLE NAAC ACCREDITATION 2019**

## CRITERION 1

### CURRICULAR ASPECTS

1.3.3. Percentage of students undertaking field projects/ internships  
(current year data)

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*Submitted to*



THE NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

## CRITERION 1

### CURRICULAR ASPECTS

1.3.3. Percentage of students undertaking field projects/ internships (current year data)

B.Sc Zoology -Field Visit



# **FIELD STUDY REPORT OF III B.SC. ZOOLOGY 2018-19**

## **COORG AND MALPE**

The study tour as per the curriculum was an exposure trip to a place of educational and historical importance. So, the department conducted a trip to Coorg and Malpe. Former is a rural district in the Southwest Indian state of Karnataka and the latter is a natural port about 6 km to the west of Uduppi, Karnataka, India. The journey commenced on 11<sup>th</sup> December 2018 at 11 pm and ended on 14<sup>th</sup> December 2018 at 7 pm with 3 faculty members and 38 students.

On the way at Muthanga forest, bWayanad many wild animals including elephants, wild dogs and herds of white spotted deer were seen.

During the river rafting at Coorg, two crested serpent eagles and a Great Egret were seen. Great Egret are also known as the common egret, which are partially migratory. They feed on fish, lizard, frog, crayfish small rodents, insects etc. We also saw a little egret and a spotted dove on a tree. There was a Pond Heron and a Grey Heron on the banks.

The team also visited Nisurgadhama Bamboo forest which is a 64 acre area with lush foliage of thick bamboo grooves, sandalwood and teak trees. There were deers, rabbits and peacocks. There were Elephant rides and howing too. Coorg has been blessed by Mother Nature. The unending stretch of Western Ghats, the rich peat of Flora and Fauna and the fresh aroma of coffee in the air symbolises the beauty of Coorg.



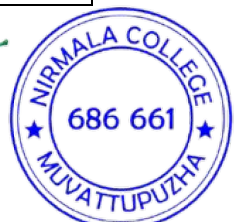
### **FIELD VISIT ORGANISED BY THE DEPT OF ZOOLOGY**

Malpe is an important port and a major fishing harbour of Karnataka coast. The visit to St. Mary's Island on the other coast in a boat was exciting with the view and cold breeze. St. Mary's Island also known as the Coconut Island, is a set of four small islands in the Arabian Sea of the coast of Malpe in Uduppi. There were many coconut trees on the island with lots of tender coconuts, the natural energy boosters. A Hermit crab was seen over the rock. In addition Barnacles which are sessile, suspension feeders and have two nektonic larval stages were also seen. The entire island was covered with the second largest phylum of Invertebrates, Molluscs. We saw Perna, Mussels, Molluscs, varieties of Gastropods etc. There were also various varieties of fishes.

B.Sc Zoology (III B.Sc.)	Field visit III years- Coorg and Malpe (2018-19) 38 students	1	NIDHINNA KRISHNANKUTTY
		2	AJMI M A
		3	AMINA P M
		4	BINTA RAJAN

		5	CHRISTA MANUEL
		6	DIVYAMOL M S
		7	GAYATHRY VENUGOPAL
		8	GREESHMA REMESAN
		9	HASNA SHAJI
		10	JEWEL SULTHANA M.S
		11	LITTY JOSEPH
		12	NOUFIYA VN
		13	ROSHEN BABU
		14	SHAMLA K.S
		15	SREELAKSHMI K.S
		16	ULLASINI.K.A
		17	ABHINAND RAJ P
		18	AMITH K
		19	ANANTHU K SANTHOSH
		20	JOBIN JOHNSON
		21	KARTHIKA RAVI
		22	NIBIN SUMEDH
		23	ANJALI ANILKUMAR
		24	ANJITHA SASIDHARAN
		25	GREESHMA MANI
		26	JATHEERA K JALAM
		27	KAVYANJANA P.V.
		28	KIRAN ROSE JACOB
		29	MALAVIKA JAYAKRISHNAN
		30	MARIYA SAJU
		31	NIJINA MOITHU
		32	SREELAKSHMI K.A
		33	TOMSY TOMY
		34	MUHAMMED AJMAL
		35	AKSHAY SAJEEV
		36	VANDANA BINOD
		37	SANDINI M S
		38	ANNA MARIA BIJU

Principal  
NIRMALA COLLEGE  
MUVATTUPUZHA



## **B.SC ZOOLOGY II DC (2018-19)**

### **COLLEGE OF VETERINARY SCIENCES, MANNUTHY AND ATHIRAPILLY WATERFALLS, THRISSUR**

A field trip was arranged to College of Veterinary Sciences, Mannuthy and Athirapilly Waterfalls, Thrissur by the Department of Zoology. There were 33 students accompanied by two teachers, Dr. Ani Kurian and Dr. Gigi K Joseph. The atmosphere of the college was pleasing and welcoming since the campus was soothing and ecofriendly. In the museum, almost all the specimens were a visual treat for the students. The students were filled with innumerable knowledge about the intricate structures of animal anatomy.

Firstly, a huge electric eel was seen. The major attraction was the huge skeleton of the elephant in its mighty posture. It had depressions on the frontal region of its skull, widely spaced ribs, large femoral bones etc. A large collection various visceral organs and the embryological developmental stages of the animals were also displayed. Visceral organs like liver, kidney, pancreas and heart of various animals were on display. The next spot was the stable which housed varieties of horses. These were trained horses for republic day parade. The man in charge for the stable explained how the horses were fed. They were fed with a mixture of cereals, chopped grass etc. It requires large amounts of water daily. At the center of the college, there is a hospital where local people have access for treating their pets.



**College of Veterinary and Anima**

**I Sciences, Mannuthy**

# PERMISSION LETTER

Gmail - permission to visit your esteemed institute

<https://mail.google.com/mail/u/0/?ik=0b7149062e&view=pt&vs...>



Ani Kurian Manoth <anikurianin@gmail.com>

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## permission to visit your esteemed institute

2 messages

Ani (Kurian) Manoth <anikurianin@gmail.com>  
To: deanvetmty@kvasu.ac.in

Wed, Feb 28, 2018 at 4:30 PM

From,  
Dr. Ani Kurian  
Asst. professor  
Dept. of Zoology  
Nirmala College  
Muvattupuzha

To,  
The Dean  
College of Veterinary and Animal Sciences  
Mannuthy

Sub: Seeking Permission to visit your institute

Dear Madam,  
As a part of curriculum (Mahatma Gandhi University, Kottayam ) BSc Zoology first year students have to visit an Institute of repute to understand various activities. This time if you permit 34 students and 3 teachers of Zoology Dept., Nirmala college would like to visit your Institute. If you allow us on coming Friday that is 2nd of March 2018 it would have been convenient for students in exam point of view.  
Kindly give permission as per your convenience  
Thanking you  
Yours faithfully  
Ani Kurian

Dean COVAS Mannuthy <deanvetmty@kvasu.ac.in>  
To: "Ani (Kurian) Manoth" <anikurianin@gmail.com>

Thu, Mar 1, 2018 at 12:09 PM

Sir,

Noted and you are welcome to visit this institution.

Dr. C. Latha, Ph.D,  
Dean,  
College of Veterinary and Animal Sciences,  
Kerala Veterinary and Animal Sciences University,  
Mannuthy, Thrissur, Kerala - 680 651

Phone: 04872370344, 04872370451  
Mobile: 9446445100, 9495047649  
Fax: 04872370388

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B.Sc Zoology (II B.Sc.)	Field visit II years - College of Veterinary Science, Mannuthy (2018-19) 32 students	1	ANN MARIA JOY
		2	ANTO M O
		3	DAYANA VARGHESE
		4	SAHARSHAN P M
		5	SOBIN K SOY
		6	ALPHONSA BABY
		7	FATHIMA M.M
		8	HALIMABI SM
		9	JENEESHA DEVI K.S
		10	SEETHA LAKSHMI.R.
		11	SNEHA JIJI
		12	SWATHY SAJIKUMAR
		13	FEBIN JOSEPH
		14	GEORGE MATHEW
		15	ARCHANA MURALI
		16	BHAVANA THANKACHAN
		17	BINSIYA N.A
		18	DEEPTHI S
		19	GITANJALI G
		20	JINU RAJU
		21	KARTHIKA N SANTHOSH
		22	SILPA MOHANRAJ
		23	SONYMOL JOSE
		24	TEENU SHAJI
		25	DEVIKA T P
		26	ATHULYA PRASAD
		27	KEZIAH ELDHO
		28	ANJALY P R
		29	VAISHNAV BABU
		30	ANITA BINU
		31	SRAVAN KP
		32	DEVACHANDANA C PRABHU

  
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**NIRMALA COLLEGE**  
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**FIELD STUDY REPORT – B.Sc ZOOLOGY I DC (2018-19)**  
**ATHIRAPILLY – VAZHACHAL, THRISSUR KOLE WETLANDS AND**  
**THRISSUR ZOO**

A field visit to Athirapilly – Vazhachal, Thrissur Kole Wetlands and the Thrissur Zoo were organised on 22<sup>nd</sup> February 2019. A group of 36 students and 4 teachers were in the team.

The Thrissur Zoo is one of the oldest zoos in the country. A natural history museum and an art museum are also present in the zoo compound. Fauna at the zoo includes tigers, lions, deers, monkeys, hippopotamus, sloth bears, Pelicans, Peacocks, Hornbill etc. there is a special enclosure for snakes which includes cobras, kraits, vipers, rat snakes etc.

Our second destination was the Thrissur Kole wetlands. They are one of the largest and highly productive wetlands in Kerala. It is also one of the resting and feeding areas in the migratory routes of many birds and in terms of the number of birds, it stands third. Many bird species like the spot – billed pelican, black headed ibis, painted stork, oriental darter, spotted eagle etc. were observed in the Kole wetland.



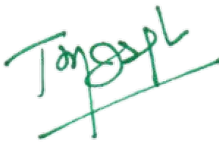
### FIELD VISIT TO ATHIRAPILLY AND VAZHACHAL

Final destination was the waterfalls of Athirapilly and Vazhachal, Athirapilly being the largest waterfall in Kerala. It is situated at the entrance to the Sholayar ranges of the Western Ghats. Many endangered and endemic species of flora and fauna are found in the forests of Athirapilly –Vazhachal area. The wildlife of the area includes the Asiatic Elephant, bison, Sambar deer and the lion-tailed macaque. All the four south Indian species of hornbill are found here.

B.Sc Zoology (I B.Sc.)	Field visit I years - Athirapilly, Thrissur Wetland (2018-19) 36 students	1	ABIN SUDHAKARAN
		2	AJESH V SAJI

		3	AMEEN MUHAMMED
		4	AKMAL DILSHA JALEEL
		5	ANJANA PONNAPPAN
		6	ANUPA K M
		7	ARYAMOL E S
		8	ASHA K S
		9	ASHLY REGI
		10	ASWANY K RAJU
		11	DIVYA MOL BINU
		12	JEENA RAHIM
		13	JINSHA SHAJI
		14	MEGHA SUKUMARAN
		15	NOWFIYA MUSTHAFA
		16	SNEHAMOL BIJU
		17	ALBIN MATHEW
		18	ARSHAD ANWAR
		19	PRAVEEN VIJAYAN
		20	ALBI MOHAN V
		21	ALEENA ANTONY
		22	ALEENA JOY
		23	AMITHA B. ANILKUMAR
		24	AMITHA JOHNEY
		25	AVANTIKA S CHANDRAGIRI
		26	BISMITHA YOONAS

		27	CHRISTEENA MARY ELENJIKKAL
		28	HASEENA P H
		29	HIBA P SHIBU
		30	JUWYRIYA SHAJI
		31	LYDIA BENNET THOMAS
		32	NIRANJANA ANIL
		33	RIZUVANA KHATHOON K P
		34	SALINI .N.U
		35	SNEHA SANTHOSH
		36	VINAYA T V

  
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