NOTICE

Date:-01/04/2022

Department of Zoology

All students of T.Y.B.Sc. Zoology are hereby informed that their Sixth Sem **Practical Exam** will be held between08th and 13thApril 2022. The mode of Examination will be offline, as per the following schedule.

Sr. No.	Day and Date	Course/Paper	Time	Marks
1	Friday 08/04/2022	USZO601 / I	9.30 AM to 2.30 PM	50
2	Saturday 09/04/2022	USZO602 /II	9.30 AM to 2.30 PM	50
3	Monday 11/04/2022	USZO603 /III	9.30 AM to 2.30 PM	50
4	Tuesday 12/04/2022	USZO604 /IV	9.30 AM to 2.30 PM	50
5	Wednesday 13/04/2022	USACEENT6P1 (AC)	10.00 am to 2.00 pm	100

Instructions:

All students should certify their journals, project reports and field reports on or before 06/04/2022, failing which the student will not be allowed to appear for the practical examination.

Vaibhavwadi

Head of Department

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Pr**Principal** Anandibal Raorane Arts Commerce & Science,College,Vaibhavwadi

AC - 11th May, 2017 Item No. 4.284

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AC Item No.

UNIVERSITY OF MUMBAI



Program: B.Sc. (Credit Based Semester and Grading System)

Course: Economic Entomology (Applied Component)

Syllabus for Semester V & VI

(with effect from the academic year 2017-18)

Analdibei Rootane Arts, Commerce & Science Valbhawadi.

AC - 11th May, 2017 Item No. 4.284

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Anondibai Raorano Arta, Commerce & Science

Semester V Practicals Course Code USACEENT5P1

(Photographs, Pictures or models should be used to conduct practicals)2 Credits

- Study of head sclerites, thoracic segments, and abdominal segments of 1. cockroach.
- Study of types of antennae. Filiform, Moniliform, Aristate, Capitate, Clavate, 2. Clubbed, Plumose, Pilose, Pectinate, Bipectinate, Setaceous and Geniculate, Lamellate, Serrate.
- Study of halter and wing of house fly. 3.
- Study of wing types: membranous, hemitegmina, tegmina, hemielytra, elytra with 4. photos or permanent slides.
- Study of types of legs- Typical, Cursorial, Fossorial, Saltatory, Natatorial and 5. Scansorial
- Study of abdominal appendages- Styles, cerci of cockroach, study of abdominal 6. gills).
- Study of cornea of Periplanetaamericana(Cockroach) or Muscadomestica 7. (Housefly).
- Study of mouth parts of Cockroach. 8.
- Study of Malpighian tubules of Cockroach. 9.
- Study of haemocytes of Cockroach. 10.
- Observation of permanent slides or photographs of legs of honey bee. 11.
- Study of Cockroach: Digestive system and nervous system.. 12.
- Study of the following: 13.
 - Any one sound producing organ.
 - · Identification, classification and description: silverfish, cricket, termite, giant water bug, any one type of butterfly or moth, flesh-fly, potter wasp, long horn beetle or water beetle, dragonfly, damselfly. - use photos
 - Types of larvae and pupae, Types of metamorphosis.
 - Life cycle of lac insect, honey bee, silk moth.
 - Products Lac, bee wax, silk.
 - Equipments used in apiculture, sericulture, lac culture.
 - · Examples of mimicry, camouflage and concealment e.g. Plain tiger and Danaid egg fly. Stick insect, leaf insect.
 - Photographic documentation of entomology related issues. Submission of soft & hard copy of 5 original photographs taken by the learner (Exif details required) 14.
 - Assignment (may be submitted in a group not exceeding three students.
 - 15.

Please refer Annexure I for suggested topics for assignments.

*Note- The practicals may be conducted by using preserved specimens/ permanent slides authorised by the wild life and such other regulating bodies though it is strongly recommended that the same should be taught by using

AC - 11th May, 2017 Item No. 4.284

SEMESTER VI Practicals Course Code USACEENT6P1

- 1. Observation of permanent slides of mouth parts of mosquito.
- 2. Insecticide formulations. (Dust, Granules, Emulsifiable concentrates, sprays, wettable
- 3. Powders).
- 4. Study of damage caused by and control of Grasshopper, plant bug, caterpillar, scale insect, , Eurymeloidesbicincta(Leaf hopper), Sitophilusoryzae(Riceweevil), Acanthoscelidesobtectus(Bean weevils), Tenebrio (meal-worm), Flea, Bird louse, Mosquito (Anopheles, Culex, Aedes), Glossina (Tsetse fly), Phlebotomus (sand fly), Hypoderma spp.(warble fly), Cochliomyia spp.(screw worm fly).
- 5. Vertebrates important for biological control against insect pests Guppy fish, Frog, Gecko, Wood pecker, Bat, Scaly anteater and Bear.
- 6. Any two insect types breeding on the flesh of dead bodies (one Dipteran, one Coleopteran).
- 7. Demonstration of use of different equipments such as drills, sprayers, dusters for household insect control (insecticides).
- 8. Qualitative estimation of proteins and sugars from different varieties of honey.
- 9. Visit to any industry and submission of report.
- 10. Project and submission of report (Project report may be submitted in a group not exceeding three students).

Please refer to Annexure- II for suggested Field Visits and Annexure III for suggested topics for projects for Course code USACEENT6P1.

*Note- The practicals may be conducted by using preserved specimens/ permanent slides authorised by the wild life and such other regulating bodies though it is strongly recommended that the same should be taught by using photographs/audio-visual aids/simulations/ models etc. as recommended by the UGC and as envisaged in the regulations of the relevant monitoring bodies. No new specimens, however, shall be procured for the purpose of conducting practicals mentioned here-in above.

N.B:

- I) It is pertinent to note that we have to adhere strictly to the directions as given in the UGC Circular F14-4/2006 (CPP-II).
- II) Apart from the institutional Animal Ethics Committee (IAEC) and any other Committee appointed by a Competent Authority/Body from time to time, every college should constitute the following Committees:
- 1) A Committee for the Purpose of Care and Supervision of ExperimentalAnimals (CPCSEA) and

6 Principal ane Ads. Commerce & Science

College, Valbhavwadi.

AC - 11th May, 2017 Item No. 4.284

Practical skeleton Paper Course code: USACEENT5P1

Duration: 4hrs

Total Marks: 100

Q.1. Identification :

Identify spots 'a' to 'e' as per instructions.

a) Identify and describe the insect part; wings/ legs/ head sclerites/ antennae.

b) Identification and describe cornea/mouth parts/ malphigian tubules
/ abdominal appendages of cockroach/ haemocytes
c) Identify classify and describe the given insect /sound producing

organ of insect

d) Identify and describe types of larva / pupa/life cycle of insects.
e) Identify and describe insect product/ equipment/eg. of mimicry/ camouflage/ concealment

Q 2. Major experiment

25

15

10

20

Draw neat and labeled diagram of -----system. Complete the given system by drawing the missing part and describe the function of all labeled parts.

OR

Rearrange the parts of the given system and explain the functions of different parts.

Q3. Minor experiment

Q4.	a) Submission of 5 relevant photographs.	10
	b) Assignment and viva based on it.	20

Q5. Certified journal

Principal vrts. Commerce & Science

AC - 11th May, 2017 Item No. 4.284

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Practical skeleton Paper Course code: USACEENT6P1

Duration: 4 hrsTotal Marks: 100

Identification

Identify spots 'a' to 'e' as per instructions.

Q. 1.

	b) Identify and describe mosquito larvae/ rice weevil/ flour beetle	
	c) Identify and describe the given insecticide formulation/	
	 d) Identify and describe insecticide dispersing equipment/ house hold pest control device. 	
	 e) Identify and describe the vertebrate important for biological control/ insect type on dead bodies 	
Q.2	Major experiment	25
Q.2	a) Detection and estimation of proteins from different varieties of honey. OR	
	a) Detection and estimation of sugar from different varieties of honey	
Q.3	Minor experiment	15
Q.0	Describe damage caused by the following insects (Any three) OR	
	Describe the control measures for the following insects (Any three)	
Q.4.	Project report and viva based on it.	20
		10
Q.5.	Field report	
Q.6.	Certified journal	10

a) Identify and describe legs of honey bees/ mouth parts of mosquito.

Anendibai Raorane Arts, Commerce & Science College, Vaibhawadi.



Anandibai Raorane Arts, Commerce and Science College, Vaibhavwadi <u>Department of Zoology</u>

TYBSc Student List for Project Submission - Applied Components

Sr. No.	Name of Student	Submitted Project (Y/N)
1.	Kokare Rajkumar Chandrakant	Submitted
2.	Manjarekar Ketan Audumbar	Submitted
3.	Mohite Sunil Satyavan	Submitted
4.	Murmure Sandip Uttam	Submitted
5.	Naik Kaustubh Vinayak	Submitted
6.	Pawar Vikram Dipak	Submitted
7.	Ramdul Muskan Shahabuddin	Submitted
8.	Shelar Ravindra Vasudev	Submitted
9.	Shinde Jayesh Satyavan	Submitted
10.	Shingare Tushar Prabhakar	Submitted
11.	Sonar Shubham Balkrishna	Submitted
12.	Sutar Parth Dhakoji	Submitted

Teacher In charge

Head Department of Zoology

rincipal fm Principal

Anandibai Raorane Arts, Commerce & Science College, Vaibhavwadi.

MAHARANA PATAPSINH SHIKSHAN SANSTHA MUMBAI

ANANDIBAI RAORANE ARTS, COMMERCE AND SCIENCE COLLEGE VAIBHAVWADI

Project

Presented by,

MUSKAN SHAHABUDDIN RAMDUL

Guided by, (Department of zoology) **N. R.Hedulkar**(нов)

Academic year,

2021-22

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Principal Anandibai Regrane Arts, Commerce & Science College, Voibhavwadi.

MAHARANA PATAPSINH SHIKSHAN SANSTHA MUMBAI

ANANDIBAI RAORANE ARTS, COMMERCE AND SCIENCE COLLEGE VAIBHAVWADI, PIN-416810

Project work

CERTIFICATE

Roll No.2065584

Certified that

Miss :- Muskan shahabuddin Ramdul.Of .Bsc. Class has satisfactorily carried out the required project work in plogy during Semester - VI of academic year 2021-22.

acher in-charge

-T.Y. Bsc

Head, Dept.of Zoology

te: 7/1/22

Principa Anandibai Raorane Arts, Commerce & Scletice

College, Vaibhavwadi.

21 Dec. 2021 Anandibai Raorane Arts, Commerce and Science College, Vaibhavwadi, 416810

Department of Zoology Notice for SYBSC

The assignment topics for each student are posted on my Google classroom. Kindly find the topic and complete the task within given period. You have to study the topic and collect the relevant information about the allotted topic to you. After collecting the information you have to gracefully present the information on project paper (complete white, one side ruled papers should only be used). You can paste photos wherever required. The whole project should be of 15 - 20 pages or more. The project should be submitted in hard copy written by hand clean and neat with proper filing. The project carries 20 marks in your practical examination.

Last date of submission is 15/01/2022. If completed earlier you can submit before 15/01/2022 also.

Submit the project to Dr. Darshana Korgaonkar Madam.

HOD

DEPARTMENT OF ZOOLOGY

Anandibai Raorane Arts, Commerce & Science Colloge, Veibhawradi.



Anandibai Raorane Arts Commerce and Science College, Vaibhavwadi <u>Department of Zoology</u>

SR. No.	Name of student	Topic Allotted
1.	Agre Abhishek	Snakes
2.	Kadam Akshay	Spiders
3.	Faras Gulamjilani	Butterflies - The flyingjewels
4.	Gajapkar Sandesh	Buffalo - Indian breed
5.	Ghadge Ajinkya	Scorpions
6.	Kadu Siddhi	Coelacanth - A living fossil
7.	Kamble Sayali	Beekeeping as emergingbusiness
8. 🍟	Kudalkar Saloni	Wonderful World of Insects
9.	Namaye Sanjog	Cows - Indian Breed
10.	Nikam Abhijeet	Poultry farming
11.	Prabhulkar Arman	Sericulture - An emergingindustry
12.	Rane Ganpat	Flightless birds
13.	Raorane Siddhi	Five most incredible animals discovered within last decade (10 years)
14.	Sail Mrunali	Archeopteryx - As connecting link between Birds and Reptiles
15.	Salunkhe Tejashri	The world's most amazinganimals
16.	Sawant Tanaji	Pearl culture
17.	Shinde Utkarsha	Pisciculture
18.	Thodage Nagma	Prawn culture
19.	Varadkar Snehalata	Adaptive Radiations inReptiles

HOD, Department of Zoology

Class: S.Y. B. Sc. (BZ ECZ) Date :- 01/04/2022

Anandibai Raorane Arts, Commerce & Science College, Vaibhavwadi.

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AC- 05/05/2018 Item No. 4.31



UNIVERSITY OF MUMBAI



Program: S.Y.B. Sc.

Course: Zoology

Syllabus for Semester III & IV

(Choice Based Credit System with effect

from the academic year 2018-2019)

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Anandibai Raorane Arts, Commerce & Science College, Vaibhavwadi.

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34	SEMESTER III
	Practical USZOE1P3 (Course - VIIA) Elective I
1	Extraction of casein from milk and its qualitative estimation
2	Preparation of paneer from given milk sample
3	Measurement of density of milk using different samples by Lactometer
4	Study of Honey Bee:
	a) Life Cycle of Honey Bee and Bee Hive
	b) Mouthparts of Honey Bee
	c) Legs of Honey Bee
	d) Sting Apparatus of Honey Bee
5	Study of ethological aspects:
	a) Warning colouration
	b) Animal instinct
	c) Imprinting
	d) Communication in animals: Chemical signals and Sound signals
	e) Displacement activities in animals: Courtship and mating behaviour in
	animals and Ritualization
6	Study of Protozoan parasites:
	a. Trypanosoma gambiense
	b. Giardia intestinalis
7	Study of Helminth parasites:
	a. Ancylostoma duodenale
	b. Dracunculus medinensis
8	Parasitic adaptations: Scolex and mature proglottid of Tapeworm
9	Study of Ectoparasites:
	a) Leech b)Tick c)Mite
10	Project- Suggested topics on economic zoology (e.g. Apiculture/ Sericulture/
	Lac culture / Vermicompost technique / Construction of artificial
	beehives /Animal husbandry/ Aquaculture / any other)

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	SEMESTER IV		
-/-	Practical USZOE1P4 (Course - XA)		
1	Study of air microflora.		
2	Estimation of dissolved oxygen from the given water sample.		
3	Estimation of salinity by refractometer from the given water sample.		
4	Estimation of conductivity by conductometer from the given water sample.		
5	Study of physical properties of soil: temperature, moisture and texture		
6	Study of chemical properties of soil- pH, organic matter		
7	Study of sound pollution monitoring device		
8	Detection of pregnancy from given sample of urine		
9	Study of birth control measures applicable to humans – IUD, condom and hormonal pills.		
10	Study of the following permanent slides, museum specimens and materialsMammalian sperm and ovum		
	 Types of Egg- fish, frog and hen Cleavage, blastula and gastrula (Amphioxus, Frog and Bird) 		
11	Review writing based on programmes telecast by Doordarshan, Gyandarshan, UGC programmes or other media sources		
12	Study of natural ecosystem and field report of the visit		

Anandibai Raorane Arts, Commerce & Science Collego, Valbhavwadi.

PRACTICAL (SEMESTER III) USZOE1P3 (Course - VIIA) - Elective 1 **Skeleton - Practical Examination Question Paper Pattern** Marks: 50 12 Q1. Extraction of casein from milk and its qualitative detection OR Q1. Preparation of paneer from the given milk sample. OR Q1. Measurement of density of different samples of milk by lactometer 08 Minor Question (Sketch and label) Q2. Life cycle of honey bee OR Q2. Mouthparts of honey bee OR Q2. Legs of honey bee OR Q2. Sting apparatus of honey bee 15 Q3. Identify and describe as per instructions a. Ethology b. Protozoan parasite c. Helminth parasite d. Ectoparasite e. Parasitic adaptation 06 Q4. a) Project submission 04 b) Viva based on project 05

Time: 2 hrs 30 min

Major Question

Q5. Journal

Principal Raorane Arts, Commerce & Science ege, Vaibhavwadi.



Anandibai Raorane Arts, Commerce and Science College, Vaibhavwadi, 416810

Department of Zoology

All students of **FYBSC** are hereby informed that the project of Zoology Paper II is to be completed by all. Detailed information regarding the project is given during the practical before this. However, everyone has to submit that project by **20/04/2022**.

HOD DEPARTMENT OF ZOOLOGY

Anandibai Raorano Arts. Commerce & Science



Anandibai Raorane Arts, Commerce and Science College, Vaibhavwadi

Department of Zoology

FYBSc Student List for Project Submission – Body Mass Index

Paper – II

Marks: 10

Sr. No	Name of the Student	Seat Number	Submitted (Y/N)
1.	Batwale Munaf Abubakkar	3222027	N
2.	Batwale Shammir Liyakat	3222028	N
3.	Bhalekar Shubham Prakash	3222029	Y
4.	Bharade Akshata Rajendra	3222030	Y
5.	Bhosale Ashwini Sandip	3222031	Y
6.	Bhosale Hitesh Ravindra	3222032	Y
7.	Bidrekar Ruturaj Rajendra	3222033	Y
8.	Chindarkar Sanika Mangesh	3222034	Y /
9.	Choudari Harshad Chandrakant	3222035	Y & & M.L. /
10.	Dalavi Divya Ajit	3222036	N .
11.	Dhuri Vikita Vijay	3222037	Y
12.	Dighe Pooja Shashikant	3222038	N
13.	Dighe Priti Shashikant	3222039	N
14.	Gaikwad Prajot Ishwar	3222040	Y
15.	Gurav Aakansha Dipak	3222041	Y
16.	Iswalkar Pranaya Prabhakar	3222042	Y
17.	Jagtap Rutik Maruti	3222043	Y
18.	Jaitapkar Sairaj Uday	3222044	Y
19.	Kamble Romharsh Ananda	3222045	Y
20.	Kelkar Yogeshree Sunil	3222046	Y CHART
21.	Lambore Suresh Dhondiram	3222047	Y
22.	Lanjekar Subhan Usman	3222048	N
23.	Loriya Samad Sultan	3222049	Y
24.	Mane Pranay Pratap	3222050	Y
25.	Mestri Bhushan Satish	3222051	Y
26.	Nachare Gavas Musa	3222052	N
27.	Nachare Nawaz Nizam	3222053	N N
28.	Nachare Juber Aslam	3222054	Y
29.	Nachare Tanveer Khudbuddin	3222055	Y
30. •	Nandgaonkar Namita Pandhari	3222056	N
31.	Nandkar Arman Dilavar	3222057	N
32.	PalsuleDesai Aditi Shrikrishna	3222058	Y
33.	Panchal Bhushan Krushna	3222059	Y
34.	Panchal Dhiraj Madhukar	3222060	Y .
35.	Patne Chandan Prakash	3222061	Y
36.	Puri Deepali Gangaram	3222062	N
37.	Raorane Om Sakharam	3222063	Y

38.	Salvi Rohit Mahesh	3222064	Y
39.	Sansare Dipali Digambar	3222065	Y
40.	Sawant Pradnya Sakharam	3222066	N
41.	Sawant Ruturaj Manoj	3222067	N
42.	Sawant Shridhar Ajay	3222068	Y
43.	Sawant Sonali Rajaram	3222069	Y
44.	Shelke Rutik Pandurang	3222070	V
45.	Shingade Pallavi Janardhan	3222071	Y
46.	Sutar Pranali Suresh	3222072	Y
47.	Sutar Sanket Vijay	3222073	V V
48.	Tawade Ashwini Uday	3222074	Y
49.	Wadekar Apurva Prakash	3222075	Y Y
50.	Warang Siddhi Dattaram	3222076	Y

no Teacher In charge

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Head Department of Zoology

20 April 2022

Anandibai Raorane Arts, Commerce & Science College, Vaibhavwadi.

AC 26/2/2015 Item No. 4.70

Principal

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UNIVERSITY OF MUMBAI



Syllabus for F.Y.B.Sc. Program BSc Course: ZOOLOGY

Semester I and II

(Credit Based Semester and Grading System with effect from the academic year 2015–2016)

SEMESTER II

Practical USZOP2 (Course IV)

- 1. Qualitative estimation of Vitamin C by Iodometric method.
- 2. Study of microscopic structure of starch granules of different cereals (wheat, maize and jowar).
 - 3. a) Estimation of maltose from brown/white bread.
 - b) Moisture content from biscuits or other suitable food products.
 - 4. Food adulteration Test:
 - a) Milk adulterants (starch and glucose), methylene blue reduction Test (MBRT).
 - b) Adulterants in Cheese, Butter, Jaggery, Ghee, Honey, Iodised Salt.
- 5. a) Estimation of protein content of two egg varieties.b) Study of efficacy of different antacids (any two antacids).
- 6. .Study of Human Parasites

Endoparasites - Protozoans (Entamoeba, Plasmodium), Helminths (Ascaris, Wuchereria), Ectoparasites (Head louse, tick) and Exoparasites (Bed bug, Mosquito).

- Screening of anaemic/non-anaemic persons using CuSO₄ method.
- First Aid Demonstration Practical Training for teachers and students to be conducted by the experts from Redcorss, Civil defence, Civic authorities by individual institute or cluster colleges in rotation.
- 9. BMI analysis Measurement of Height/ Weight and calculation of BMI using formula, preparation and submission of report. (10 students/ group-50 readings/group)

*Note - The practicals may be conducted by using specimens authorised by the wildlife and such other regulating authorities though it is strongly recommended that the same should be taught by using photographs/audio-visual aids/ simulations / models, etc. as recommended by the UGC and as envisaged in the regulations of the relevant monitoring bodies. No new specimens, however, shall be procured for the purpose of conducting practicals mentioned here-in-above.

Principal

Anandibai Raorane Arts, Commerce & Science College, Vaibhaywadi,

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Semester II USZOP2 (Course IV)

Skeleton - Practical Examination Question Paper Pattern

Time: 2 hrs

Marks: 50

	_		(15 Marks)
Q.1.	Estim	ate Vitamin C from given sample.	(15 mano)
	Estim	ate Maltose content from bread.	
		OR	
	Estin	ate protein content from two different types of eggs.	
Q.2.	Anal	yse the given food sample and identify food adulterants (any 2 samples). OR	(10 Marks)
	Eval	ate milk quality by Methylene Blue Reduction Test (MBRT). OR	
	Dete	rmine efficacy of different antacids (any two) on acidic solution.	
Q.3.	Deter	mine moisture content from biscuits/ any other suitable food product. OR	(5 Marks)
	On t	he basis of microscopic structure of starch granules identify different cerea OR	als (any two).
	Dete	ct adulterants present in th given milk sample (any two). OR	
	Dete	ermine whether given blood sample is from anaemic/non-anaemic person us	ing CuSO4
	N	fethod and suggest the appropriate diet.	and the
Q.4.	Ider	tification	(10 Marks)
	a)	One specimen of Protozoan Parasites.	
	b)	One specimen of Helminth Parasites.	
	c)	One specimen from Ectoparasite	
	d)	One specimen from Exoparasite	
	e)	One specimen from Endoparasite	

Q.5. Submission of report of Body Mass Index (viva based on it)

Note: There shall be at least one excursion/field trip.

Principal

(10 Marks)

aorane Arts, Commerce & Science Cellega, Vaibhavwadi.

33

MAHARANA PRATAPSINH SHIKSHAN SANSTHA MUMBAI'S ANANDIBAI RAORANE ARTS, COMMERCE AND SCIENCE CLLEGE, VAIBHAVWADI, PIN-416810

DEPARTMENT OF ZOOLOGY



CERTIFICATE

CLASS: F. Y. BSC

EXAM SEAT NUMBER: 322072

CERTIFIED THAT

Mr. /Miss Pronali suresh Sutar.h as

satisfactorily carried out the required project work in zoology paper I/II and the journal containing records of his/her bonafied work carried out during semester - II of academic year 2021 -2022.

2)

TEACHER IN CHARGE DATE: 22 4 22

Aren la

HEAD OF THE DEPARTMENT DATE: 2

Anandibai Raorane Arts, Commerce & Science College, Vaibhavwadi.

EXAMINER: 1) DATE



MAHARANA PRATAPSINH SHIKSHAN SANSTHA, MUMBAI'S

ANANDIBAI RAORANE ARTS, COMMERCE & SCIENCE COLLEGE,

VAIBHAVWADI, SINDHUDURG

Sub: - Foundation Course (Sem-IV)

List of Students with Project Title (2021-22)

S.R No	Name of the Student	Title of the Project	
1	AGRE HITESH BALKRUSHNA	Right to Information act 2005	
2	AMRASKAR AKANKSHA PRAKASH	Right to Information act 2005	
3	AMRASKAR BHAGYASHRI RATNAKAR	Right to Information act 2005	
4	AYARE AADINATH EKANATH	Right to Information act 2005	
5	AYARE POONAM RAVINDRA	Right to Information act 2005	
6	BANE RAKHI HARISHCHANDRA	Right to Information act 2005	
7	BANE VAIBHAVI ANANT	Right to Information act 2005	
8	BELEKAR VISHAL BHAGAWAN	Right to Information act 2005	
9	BHUTAL HARSHADA VISHVAS	Right to Information act 2005	
10	CHAUDHARI AKHIL BAJIRAV	Right to Information act 2005	
11	CHAVAN ARPITA AJAY	Right to Information act 2005	
12	CHAVAN NIKITA WAMAN	Right to Information act 2005	
13	CHAVAN PRITI SONU	Right to Information act 2005	
14	CHAVAN ROHIT SURYAKANT	Right to Information act 2005	
15	CHIRPUTAKAR VEENA DATTATRAY	Right to Information act 2005	
16	DALAVI PRAFULLI PRABHAKAR	Citizen Charter and Public Service Guarantee act	
17	DARDE CHETANA GOVIND	Citizen Charter and Public Service Guarantee act	
18	DARDE JANHAVI RAJENDRA	Citizen Charter and Public Service Guarantee act	
19	DESAI PRATIKSHA SATYAVAN	Citizen Charter and Public Service Guarantee act	
20	DESAI SAMIKSHA SADANAND	Citizen Charter and Public Service Guarantee act	
21	GADE SHUBHAM BAPURAO	Citizen Charter and Public Service Guarantee act	
22	GANDHI GAURI SANDESH	Citizen Charter and Public Service Guarantee act	
23	GAVANKAR PRANIT YASHWANT	Citizen Charter and Public Service Guarantee act	
24	GAWADE OMKAR PANDURANG	Citizen Charter and Public Service Guarantee act	
25	GHADI PRAFULL CHANDRAKANT	Citizen Charter and Public Service Guarantee act	
26	GHADI ROHIT CHANDRAKANT	Citizen Charter and Public Service Guarantee act	
27	GHAG GANESH TANAJI	Citizen Charter and Public Service Guarantee act	
28	GOTHANKAR SANJAY BAPU	Citizen Charter and Public Service Guarantee act	
29	GURAV ANJALI ASHOK	Citizen Charter and Public Service Guarantee act	
30	GURAV NITIN VASUDEV	Citizen Charter and Public Service Guarantee act	
31	GURAV SANKET SANJAY	Consumer Protection act 2016	
32	GURAV SURAJ SATYAWAN	Consumer Protection act 2016	

		Vaibhavwark 2	
33	GURAV SWARUPA DATTARAM	Consumer Protection act 2016	7
34	INDAP ABHISHEK LAU	Consumer Protection act 2016	1
35	INDAP RUTIK VAMAN	Consumer Protection act 2016	1
36	JADHAV SRUSHTI SURESH	Consumer Protection act 2016	1
37	KADAM ADITYA ANIL	Consumer Protection act 2016	1
38	KADAM AKANKSHA CHANDRAKANT	Consumer Protection act 2016	1
39	KADAM BHAGYASHRI SANTOSH	Consumer Protection act 2016	1
40	KADAM UDAY VISHWANNATH	Consumer Protection act 2016	1
41	KALE VAISHNAVI VITTHAL	Consumer Protection act 2016	1
42	KAMBLE SIMRAN ADESH	Consumer Protection act 2016	1
43	KAMBLE SUPRIYA MOHAN	Consumer Protection act 2016	1
44	KARAMBALE RUTUJA CHANDRAKANT	Consumer Protection act 2016	1
45	KHANVILKAR CHIRAG GAJANAN	Consumer Protection act 2016	1
46	KHETAL DIGAMBAR MANOHAR	Information and Communication Technology	1
47	KOLTE PRADNYA MANGESH	Information and Communication Technology	
48	KUBADE CHAITALI RAJKUMAR	Information and Communication Technology	
49	KUDALKAR RENUKA DATTARAM	Information and Communication Technology	
50	KUDTARKAR PRATIK PRAKASH	Information and Communication Technology	
51	LAD SONALI WAMAN	Information and Communication Technology	
52	MAINKAR SIDDHI ARJUN	Information and Communication Technology	
53	MANE DIVYA PRAKASH	Information and Communication Technology	
54	MANJALKAR SANDESH DEOO	Information and Communication Technology	
55	MANJREKAR SHREYAS SHRIKRISHNA	Information and Communication Technology	
56	MIRASHI PRANATI PRAKASH	Information and Communication Technology	
57	MIRASHI SANDESH SANJAY	Information and Communication Technology	
58	MOHITE RAJENDRA SURESH	Information and Communication Technology	
59	MORE ADITI ASHOK	Information and Communication Technology	
60	MORE ANKITA MANOHAR	Information and Communication Technology	
61	MORE PRATIK TUKARAM MORE ROMEEL RAMAKANT	Cyber Crime	5
62	MORE SAMIR VITTHAL	Cyber Crime	
63	MORE SIDDHI PRAMOD	Cyber Crime	4
64	MURKAR SHUBHAM VILAS	Cyber Crime Cyber Crime	4
65 66	NANDALSAKAR PRITI PRAKASH	Cyber Crime	-
67	NARKAR AKSHATA ATMARAM	Cyber Crime	4
68	NARKAR DIPTI PRAKASH	Cyber Crime	-
69	NEVAREKAR OMKAR PRAKASH	Cyber Crime	-
70	PALANDE GAURI VIJAY	Cyber Crime	-
71	PANCHAL BHAGYASHRI GOPINATH	Cyber Crime	-
72	PANCHAL PRANALI SURESH	Cyber Crime	1
73	PASHTE PRITESH SUBHASH	Cyber Crime	-
	PATIL ASHA DILIP	Cyber Crime	-
74			J

		wrts & Co
		Vaibharranda
75	PATIL KAVITA RAJENDRA	in an
76	PATIL RAHUL RANJIT	Cyber Crime
77	PATIL SUVIDHA SANJAY	UPSC and MPSC
78	PATIL VAISHNAVI ASHOK	UPSC and MPSC
79	PAVASKAR KANCHAN ANANT	UPSC and MPSC
80	PAWAR ABHISHEK RAVINDRA	UPSC and MPSC
81	PAWAR JAYESH EKNATH	UPSC and MPSC
82	PAWAR KUNAL MOHAN	UPSC and MPSC
83	PHONDKE ROHINI MILIND	UPSC and MPSC
84	PHONDKE SHREYA VILAS	UPSC and MPSC
85	PRABHU SHUBHAM TUKARAM	UPSC and MPSC
86	PRABHU VAIBHAV PRADIP	UPSC and MPSC
87	RAHATE BHUSHAN RAJENDRA	UPSC and MPSC
88	RAORANE ADESH SURESH	UPSC and MPSC
89	RAORANE AMOL PANDURANG	UPSC and MPSC
90	RAORANE LALIT VILAS	UPSC and MPSC
90	RAORANE LOCHANA ASHOK	UPSC and MPSC
	RAORANE PRAJAKTA SHANTARAM	Goal Setting
92	RAORANE RUSHIKESH SANDESH	Goal Setting
93	RAORANE TEJAL MADHUKAR	Goal Setting
94	RAORANE VISHAKHA SURENDRA	Goal Setting Goal Setting
95	PAWALE RUTIK SANTOSH	C C
96	SADAVADEKAR AKSHATA KRISHNA	Goal Setting Goal Setting
97	SALUNKHE NAYAN SANTOSH	Goal Setting
98	SATAM PRAJAKTA CHANDRAKANT	Goal Setting
99	SAWANT PRAJYOT MANOHAR	Goal Setting
100	SAWANT SAGAR SUDHAKAR	Goal Setting
101	SAWANT SHAMIKA SHIRISH	Goal Setting
102	SHELAR PREETI PARSHURAM	Goal Setting
103	SHRUNGARE PRATIKSHA SANJAY	Goal Setting
104	TAKKE SURAJ SANTOSH	Goal Setting
105	TAVADE ONKAR RAJENDRA	Time Management
106	TAWADE ABHIJEET ARUN	Time Management
107	TAWADE AKSHATA SACHIN	Time Management
108	TONDAVALKAR DIPALI SURYAKANT	Time Management
109	VALANJU TEJAS MANGESH	Time Management
110	ADULKAR SANTOSH MARUTI	Time Management
111	SAKPAL ABHISHEKH SAHADEV	Time Management
112	KADU SAMEER SANTOSH	Time Management
113	PAWAR TEJAS RAVINDRA	Time Management
114	KADAM SADHANA CHANDRAKANT	Time Management
115		Motivation
116	KADAM SAHIL SANDIP	wouvation

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117	NARKAR SMITA SITARAM	Motivation
118	SALUNKHE ALPESH HANUMANT	Motivation
119	SOLKAR ABHISHEK CHANDRAKANT	Motivation
120	SUTAR SATISH AKANATH	Motivation
121	KATKAR PRADIP DASHARATH	Motivation
122	PANCHAL ROHAN BABAJI	Motivation
123	SAWANT CHAITALI ANANT	Motivation
124	RANE DIVYA SANDIP	Motivation

Course Teacher Blossene R'A

۲ Anandibai Raofane Aris, Commerce & Science College, Vaibhawwadi.



MAHARANA PRATAPSINH SHIKSHAN SANSTHA, MUMBAI'S

ANANDIBAI RAORANE ARTS, COMMERCE & SCIENCE COLLEGE,

VAIBHAVWADI, SINDHUDURG

Sub: - Foundation Course (Sem-III)

List of Students with Project Title (2021-22)

S.R No	Name of the Student	Title of the Project	
1	AGRE HITESH BALKRUSHNA	Violations of Schedule caste and Schedule Tribe	
2	AMRASKAR AKANKSHA PRAKASH	Violations of Schedule caste and Schedule Tribe	
3	AMRASKAR BHAGYASHRI RATNAKAR	Violations of Schedule caste and Schedule Tribe	
4	AYARE AADINATH EKANATH	Violations of Schedule caste and Schedule Tribe	
5	AYARE POONAM RAVINDRA	Violations of Schedule caste and Schedule Tribe	
6	BANE RAKHI HARISHCHANDRA	Violations of Schedule caste and Schedule Tribe	
7	BANE VAIBHAVI ANANT	Violations of Schedule caste and Schedule Tribe	
8	BELEKAR VISHAL BHAGAWAN	Violations of Schedule caste and Schedule Tribe	
9	BHUTAL HARSHADA VISHVAS	Violations of Schedule caste and Schedule Tribe	
10	CHAUDHARI AKHIL BAJIRAV	Violations of Schedule caste and Schedule Tribe	
11	CHAVAN ARPITA AJAY	The prevention of Atrocities (against SC/ST)act 1989	
12	CHAVAN NIKITA WAMAN	The prevention of Atrocities (against SC/ST)act 1989	
13	CHAVAN PRITI SONU	The prevention of Atrocities (against SC/ST)act 1989	
14	CHAVAN ROHIT SURYAKANT	The prevention of Atrocities (against SC/ST)act 1989	
15	CHIRPUTAKAR VEENA DATTATRAY	The prevention of Atrocities (against SC/ST)act 1989	
16	DALAVI PRAFULLI PRABHAKAR	The prevention of Atrocities (against SC/ST)act 1989	
17	DARDE CHETANA GOVIND	The prevention of Atrocities (against SC/ST)act 1989	
18	DARDE JANHAVI RAJENDRA	The prevention of Atrocities (against SC/ST)act 1989	
19	DESAI PRATIKSHA SATYAVAN	The prevention of Atrocities (against SC/ST)act 1989	
20	DESAI SAMIKSHA SADANAND	The prevention of Atrocities (against SC/ST)act 1989	
21	GADE SHUBHAM BAPURAO	Redressal Machanism at the National and State level	
22	GANDHI GAURI SANDESH	Redressal Machanism at the National and State level	
23	GAVANKAR PRANIT YASHWANT	Redressal Machanism at the National and State level	
24	GAWADE OMKAR PANDURANG	Redressal Machanism at the National and State level	
25	GHADI PRAFULL CHANDRAKANT	Redressal Machanism at the National and State level	
26	GHADI ROHIT CHANDRAKANT	Redressal Machanism at the National and State level	
27	GHAG GANESH TANAJI	Redressal Machanism at the National and State level	
28	GOTHANKAR SANJAY BAPU	Redressal Machanism at the National and State level	
29	GURAV ANJALI ASHOK	Redressal Machanism at the National and State level	
30	GURAV NITIN VASUDEV	Redressal Machanism at the National and State level	
31	GURAV SANKET SANJAY	General Effects of Disasters on Human Life	
32	GURAV SURAJ SATYAWAN	General Effects of Disasters on Human Life	

		52 × 55-002	- 1
		E Ffacts of Disasters on Human Life	
33	GURAV SWARUPA DATTARAM	General Effects of Disasters on Human Life	
34	INDAP ABHISHEK LAU	General Effects of Disasters on Human Life	
35	INDAP RUTIK VAMAN	General Effects of Disasters on Human Life	
36	JADHAV SRUSHTI SURESH	General Effects of Disasters on Human Life	
37	KADAM ADITYA ANIL	General Effects of Disasters on Human Life	1
38	KADAM AKANKSHA CHANDRAKANT	General Effects of Disasters on Human Life	1
39	KADAM BHAGYASHRI SANTOSH	General Effects of Disasters on Human Life	1
40	KADAM UDAY VISHWANNATH	General Effects of Disasters on Human Life	1
41	KALE VAISHNAVI VITTHAL	Disaster Management	1
42	KAMBLE SIMRAN ADESH	Disaster Management	1
43	KAMBLE SUPRIYA MOHAN	Disaster Management	-
44	KARAMBALE RUTUJA CHANDRAKANT	Disaster Management	-
45	KHANVILKAR CHIRAG GAJANAN	Disaster Management	-
46	KHETAL DIGAMBAR MANOHAR	Disaster Management	-
47	KOLTE PRADNYA MANGESH	Disaster Management	- 6
48	KUBADE CHAITALI RAJKUMAR	Disaster Management	-
49	KUDALKAR RENUKA DATTARAM	Disaster Management	
50	KUDTARKAR PRATIK PRAKASH	Disaster Management	
51	LAD SONALI WAMAN	Human Rights of Disasters	
52	MAINKAR SIDDHI ARJUN	Human Rights of Disasters	
53	MANE DIVYA PRAKASH	Human Rights of Disasters	
54	MANJALKAR SANDESH DEOO	Human Rights of Disasters	
55	MANJREKAR SHREYAS SHRIKRISHNA	Human Rights of Disasters	
56	MIRASHI PRANATI PRAKASH	Human Rights of Disasters	
57	MIRASHI SANDESH SANJAY	Human Rights of Disasters	
58	MOHITE RAJENDRA SURESH	Human Rights of Disasters	
59	MORE ADITI ASHOK	Human Rights of Disasters	
60	MORE ANKITA MANOHAR	Human Rights of Disasters	
61	MORE PRATIK TUKARAM	Development of Science	0
62	MORE ROMEEL RAMAKANT	Development of Science	
63	MORE SAMIR VITTHAL	Development of Science	1
64	MORE SIDDHI PRAMOD	Development of Science	1
65	MURKAR SHUBHAM VILAS	Development of Science	
66	NANDALSAKAR PRITI PRAKASH	Development of Science	
67	NARKAR AKSHATA ATMARAM	Development of Science	1
68	NARKAR DIPTI PRAKASH	Development of Science	1
	NEVAREKAR OMKAR PRAKASH	Development of Science	1
69 70	PALANDE GAURI VIJAY	Development of Science	1
70	PANCHAL BHAGYASHRI GOPINATH	Science and Superstition	1
71	PANCHAL PRANALI SURESH	Science and Superstition	-
72	PANCHAE PRANALI SURESH	Science and Superstition	-
73		Science and Superstition	
74	PATIL ASHA DILIP	Science and Superstition	

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		Bour * and
75	PATIL KAVITA RAJENDRA	Science and Superstition
76	PATIL RAHUL RANJIT	Science and Superstition
77	PATIL SUVIDHA SANJAY	Science and Superstition
78	PATIL VAISHNAVI ASHOK	Science and Superstition
79	PAVASKAR KANCHAN ANANT	Science and Superstition
80	PAWAR ABHISHEK RAVINDRA	Science and Superstition
81	PAWAR JAYESH EKNATH	Science in Everyday Life
82	PAWAR KUNAL MOHAN	Science in Everyday Life
83	PHONDKE ROHINI MILIND	Science in Everyday Life
84	PHONDKE SHREYA VILAS	Science in Everyday Life
85	PRABHU SHUBHAM TUKARAM	Science in Everyday Life
86	PRABHU VAIBHAV PRADIP	Science in Everyday Life
87	RAHATE BHUSHAN RAJENDRA	Science in Everyday Life
88	RAORANE ADESH SURESH	Science in Everyday Life
	RAORANE AMOL PANDURANG	Science in Everyday Life
89	RAORANE LALIT VILAS	Science in Everyday Life
90	RAORANE LOCHANA ASHOK	Effective Listening
91	RAORANE PRAJAKTA SHANTARAM	Effective Listening
92	RAORANE RUSHIKESH SANDESH	Effective Listening
93 94	RAORANE TEJAL MADHUKAR	Effective Listening
	RAORANE VISHAKHA SURENDRA	Effective Listening
95 96	PAWALE RUTIK SANTOSH	Effective Listening
90 97	SADAVADEKAR AKSHATA KRISHNA	Effective Listening
97	SALUNKHE NAYAN SANTOSH	Effective Listening
98 99	SATAM PRAJAKTA CHANDRAKANT	Effective Listening
100	SAWANT PRAJYOT MANOHAR	Effective Listening
100	SAWANT SAGAR SUDHAKAR	Formal and Informal Communication
101	SAWANT SHAMIKA SHIRISH	Formal and Informal Communication
102	SHELAR PREETI PARSHURAM	Formal and Informal Communication
103	SHRUNGARE PRATIKSHA SANJAY	Formal and Informal Communication
104	TAKKE SURAJ SANTOSH	Formal and Informal Communication
105	TAVADE ONKAR RAJENDRA	Formal and Informal Communication
107	TAWADE ABHIJEET ARUN	Formal and Informal Communication
108	TAWADE AKSHATA SACHIN	Formal and Informal Communication
109	TONDAVALKAR DIPALI SURYAKANT	Formal and Informal Communication
110	VALANJU TEJAS MANGESH	Formal and Informal Communication
111	ADULKAR SANTOSH MARUTI	Leadership and Self Awareness
112	SAKPAL ABHISHEKH SAHADEV	Leadership and Self Awareness
113	KADU SAMEER SANTOSH	Leadership and Self Awareness
114	PAWAR TEJAS RAVINDRA	Leadership and Self Awareness
115	KADAM SADHANA CHANDRAKANT	Leadership and Self Awareness
116	KADAM SAHIL SANDIP	Leadership and Self Awareness

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Valbhavwarth

117 NARKAR SMITA SITARAM		Valbhavwerth C
118SALUNKHE ALPESH HANUMANT119SOLKAR ABHISHEK CHANDRAKANT120SUTAR SATISH AKANATH121KATKAR PRADIP DASHARATH122PANCHAL ROHAN BABAJI123SAWANT CHAITALI ANANT124RANE DIVYA SANDIP	Leadership and Self Awareness Leadership and Self Awareness	TRADUEUX * 3881
	p and Self Awareness	

Course Teacher (Bhosene R.A)

t Anandibai Raorane Arts, Commerce & Science College, Vaibhavwadi.

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Assit.Prof Ms.S.S.Patil Department of Marathi T.Y.B.A. - Paper No. VI Project work list 2021-22



Sr.No	Name	Seat No.
1	Ghodake Shravani Navin	3009702
2	Gurav Sachin Styavan	3009703
3	Jadhav Sayali Bala	3009704
4	Jangam Umesh Dattatray	3009705
5	Pawar Sanyukta Shridhar	3009706
6	Pedanekar Akshay Mahesh	3009707
7	Sagawekar Harshad Santosh	3009708
8	Salavi Rupali Dipak	3009709
9	Sankapal Ankita Uday	3009710
10	Talekar Sujal Shantaram	3009711

Principal Anandibai Raorane Arts, Commerce & Science College, Vaibhavwadi.