

GOVT COLLEGE FOR WOMEN
(AUTONOMOUS) GUNTUR

DEPARTMENT OF ZOOLOGY

ABILITY ENHANCEMENT CERTIFICATE
COURSE

BASIC COURSE IN ENTOMOLOGY

2023-24

BOS Meeting 2023-24

The department of Zoology has conducted a BOS meeting 2023-24 in the subjects of Zoology and Aquaculture Technology on 08.09.2023 at 10.30AM in the Board room under the chairmanship of Dr K. Brinivas, Head, Department of Zoology along with the BOS members to discuss about the following agenda and passed the resolutions after discussing the agenda in detail.

Agenda 1: Approval for the implementation of new programmes in B.Sc Honors in Zoology and B.Sc Honors in Aquaculture under single major system for semesters I and II following the APSCHE guidelines (w.e.f 2023-24).

Resolution: It is resolved to approve the implementation of new programmes in B.Sc Honors in Zoology and B.Sc Honors in Aquaculture under single major system following the APSCHE guidelines (w.e.f 2023-24).

Agenda 2: Approval of the entire course structure for Zoology single Major, Zoology Minor and Aquaculture single major courses which are introduced as per the APSCHE guidelines from the Academic year 2023-24 onwards.

Resolution: It is resolved to approve the entire course structure for Zoology Major, Zoology minor and Aquaculture major courses under single major system.

Agenda 3: Approval of the existing course structure for Zoology and Aquaculture Technology under three majors system for III, IV, V & VI Semesters.

Resolution: It is resolved to approve the existing course structure for Zoology and Aquaculture Technology under three major system.

Agenda 4: Approval for the introduction of new courses in semester 2 namely, "Animal Diversity - Biology of Non-Chordates" (P-2) and "Cell and Molecular Biology" (P-3) for B.Sc Honors in Zoology (single major).

Resolution: It is resolved to approve the introduction of new courses namely, "Animal Diversity - Biology of Non-Chordates" and "Cell and Molecular Biology" (P-4) in semester 2 in B.Sc Zoology (single major) for the AY 2023-24.

Agenda 5: Approval for the introduction of new courses in Semester-2 of B.Sc Aquaculture (Single major) in the AY 2023-24 namely Paper-3- "Taxonomy and Functional Anatomy of Fin fish and shell fish" & Paper-4- "Biology of fin fish and shell fish".

Resolution: It is resolved to approve the introduction of new courses in Semester of B.Sc Aquaculture (Single major) for the AY 2023-24 namely "Taxonomy & Functional Anatomy of fin fish and shell fish" (P-3) and "Biology of fin fish and shell fish" (P-4).

Agenda 6: Approval of the introduction of new Courses from semesters II to V in Zoology minor from the Academic year 2023-24 onwards as per NEP 2020.

Resolution: It is resolved to approve the introduction of new Courses from Semesters II to V in Zoology Minor from the AY 2023-24 onwards as per NEP 2020.

Agenda 7: Approval of syllabus, Model question paper, Blue print and Scheme of valuation for both Internal and External in the ratio of 40:60 respectively for the new course "classical Biology" in semester I under Major.

Resolution: It is resolved to approve the syllabus, model question paper, blue print and scheme of Examination for both Internal & External (40:60) for the new course in "Classical Biology" in Semester I Under Common Majors for Ladies.

Agenda 8: Approval of syllabus, model question paper, blue print and Scheme of Examination for both internal & External (40:60) for semester II in Zoology and Aquaculture (Single Major).

Resolution: It is resolved to approve the syllabus, model question paper, blue print, Scheme of examination (40:60) for both internal and external for semester II in Zoology and Aquaculture (Single major system).

Agenda 9: Approval of syllabus, model question paper, blue print and Scheme of Examination both Internal and External in the ratio of 10:40 for the MDC- "Principles of Biological Sciences" which is being offered to all BA groups of Semester I for the AY 2023-2024 as per NEP 2020.

Resolution: As per NEP 2020 it has been resolved to approve the syllabus, model question paper, blue print and Scheme of Examination for both Internal and External in the ratio of 10:40 for the MDC- "Principles of Biological Sciences" for BA groups of semester I in the AY 2023-24.

Agenda 10: Approval of syllabus, model question paper, blue print and Scheme of examination for Internal & External assessment in the ratio of 30:70 for the existing Courses (III, IV & V Semesters) as per the APSCHE 2020-21 CBCS framework.

Resolution: It is resolved to approve the same.

Agenda 11: Approval for the implementation of an AECC in "Basic Course in Entomology" which is mandatory for all I semester students.

Resolution: It is resolved to approve the implementation of AECC for all I Semester Zoology & Aquaculture students (Single major)

Agenda 12: Approval of the SDC-Poultry farming for III Semester (Three major)

Resolution: It is resolved to approve the SDC-Poultry farming for III semester - its blueprint, syllabus, model question paper (etc)

Agenda 13: Approval of CSP/Short & long term Internships as per APSCH

Resolution: It is resolved to approve the proposals of CSP/Internships as per APSCH

Agenda 14: Approval for the introduction of new Certificate Courses for AY 2023-24

Resolution: It is resolved to introduce new Certificate Courses in "Solid & Hazardous waste management" and "Dairy Technology"

Agenda 15: Approval for the proposal of conduction of Biospark 2023-24

Resolution: It is resolved to approve the proposal of conduction of Biospark - an intercollegiate district/zonal level Biology fest which needs an amount of Rs 10,000/- as financial assistance.

Agenda 16: Approval for the proposal of conduction of workshop in "Recent Trends in Aquaculture" which needs a financial assistance of Rs 20000/-.

Resolution: It is resolved to approve the same proposal

Agenda 17: Approval of Panel of question paper setters & Examiners.

Resolution: It is resolved to approve the Panel of Q. paper setters & Examiners.

Agenda 18: Approval of draft action plan of proposed Dept. activities 2023-24

Resolution: It is resolved to approve the dept activities 2023-24.

Agenda 19: Approval of MOU's, linkages with other institutions

Resolution: It is resolved to approve the MOU, linkages with other institutions.

Signatures:

Chairperson 28/11/23

Name of the member
Dr. K. Srinivas

Designation
Chairperson

Signature
Srinivas

Dr. K. Sumita

University
Nominee

Sumita

Dr. R. Indira

AC nominee

R. Indira

Dr. T. Sri Ranjani

AC nominee

Sri Ranjani

Ms. A. Nagesh

Industry
representative

A. Nagesh

Dated 01/11/2023

To
The Principal
GCW(A) Guntur

From
The Lecturer-in-Charge
Department of Zoology

Respected Madam,

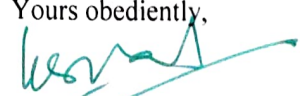
Sub: GCW (A), Guntur- Department of Zoology - Conduct of
Certificate Course - Accord of permission - Requested - Reg.,
Ref: Guidelines of Single Major System\

I submit that the Department of Zoology wishes to offer a **"Basic Course in Entomology"** as part of the Single Major System. In fact, the Single Major System mandates the conduct of a compulsory course (Ability Enhancement Certificate Course) for the students of the 1st year single major. The course has been designed with a view to expose the students to an applied branch i.e. entomology given that it is an applied field of Zoology respecting insects of diverse kinds. The students can leverage the knowledge and skills for finding self-employment or pursuing further studies in the field of Entomology.

The introduction of the course has been placed on the agenda of the departmental minutes and the resolution has been made for the same. In this context, I request your grace to accord permission for the introduction of the aforementioned course. The course will be taught for 30 hours with the incorporation of skill component.

Thanking you Madam,


PRINCIPAL
GOVT. COLLEGE FOR WOMEN (A)
GUNTUR.

Yours obediently,

(Dr K SRINIVAS)
Lecturer-in-Charge
Department of Zoology
Head, Dept. of Zoology
Govt. Degree College for Women
GUNTUR.

**GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS) GUNTUR
DEPARTMENT OF ZOOLOGY**

CIRCULAR

Dated: 08/11/2023

It is to inform that the Department of Zoology is going to start a certificate course "Basic course in Entomology" from 09.11.2023. All the 1st Semester students must enrol as it is mandatory under Ability Enhancement Certificate Course. The course starts on 09-11-2023.

Free enrolment

Duration of the course: 30 working days

Number of hours: 30

Timings : 9-10 AM

Number of Credits : 02

Name of the Course Co-ordinator



HOD

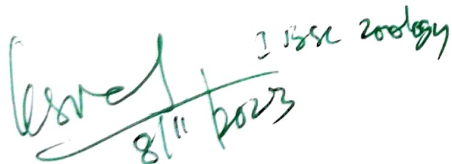


Head, Dept. of Zoology
Govt. Degree College for Women
GUNTUR.

Principal



**PRINCIPAL
GOVT. COLLEGE FOR WOMEN (A)
GUNTUR.**





Govt. College for Women
(AUTONOMOUS) - GUNTUR. 1942 (Estd.)

College with Potential for Excellence

Invitation

AECC for 1st Semester Students on
Basic Course in Entomology



Programme schedule: 09-11-23 to 07-01-24 (30 hrs)

Venue : Zoology Lab - I

Time : 9:00 am to 10:00 am (during working days)

Organized by

DEPARTMENT OF ZOOLOGY

Government College for Women (A), Guntur

ABOUT CERTIFICATE COURSE

The course is designed to enhance the personal knowledge about various kinds of beneficial and harmful insects which constitute the most diverse group of animals on earth. The course incorporates the skill component in bee-keeping, pest management and the public health related domains. It allows the students to appreciate the role of insect biology and diversity in relation to all forms of animal life. This course nurtures the interest to pursue careers in the field of applied entomology and entrepreneurship. The Department of Zoology is the organizing department of the course.

Objectives of the course:

1. To understand the basic insect biology
2. To appreciate the impact that insects have (both beneficial and harmful) on human society, including useful products like honey; public health etc.
3. To leverage the knowledge for bee-keeping, pest management

Course Outcomes:

- ☒ Understand the fundamentals of vector transmission of diseases
- ☒ Differentiate between harmful and useful insects
- ☒ Devise the strategies for the control of pests



Govt. College for Women (AUTONOMOUS) - GUNTUR. 1942 (Estd.)

College with Potential for Excellence

RE ACCREDITED BY NAAC WITH B++ (2.92 CGPA)

Certificate Course on Basic Course in Entomology

Objectives of the Course:

1. To understand the basic insect biology
2. To appreciate the impact that insects have (both beneficial and harmful) on human society, including useful products like honey; public health etc.
3. To leverage the knowledge for bee-keeping, pest management

Course Outcomes (COs):

- ❖ Understand the fundamentals of vector transmission of diseases
- ❖ Differentiate between harmful and useful insects
- ❖ Devise the strategies for the control of pests

Program Specific Outcomes (PSOs):

PSO 1: Demonstrate sound understanding related to systematics in biology

PSO 2: Apply Knowledge and skills in successful pest management

PSO 3: Design customized methodologies for vectors of disease transmission

Rationale for the introduction of the course:

There is a growing need for entomologists in the field of Public Health in view of emerging and re-emerging vector-borne diseases in India and other tropical countries. Most of the posts of Entomologists in many States of India are lying vacant. Apart from the State Health Departments, National Vector Borne Disease Control Programme (NVBDCP), National Centre for Disease Control (NCDC), National rural Health Mission (NRHM), National Urban Health Mission (NUHM) and ICMR Institutes (VCRC, CRME, NIMR and RMRC) require personnel with knowledge and expertise on epidemiology and prevention/control of vector borne diseases for their Programmes pertaining to vector borne diseases. Arthropods affect the health and well-being of human beings in a wide variety of ways, by transmitting several of the most devastating infectious diseases. The B.Sc., Zoology students may pursue Masters Programs in Entomology and Masters in Public Health Entomology.

Course Description:

The course will provide an opportunity for students to gain knowledge on Public Health vis-a-vis Entomology. They acquire knowledge on prevention and control of vectors and vector-borne diseases.

Unit I: Introduction

Meaning & Scope of Entomology
Broad overview of Insect Systematics
Beneficial and Harmful Insects

Unit II: Pest Control Entomology

Menace of pests in residential and other structures
Chemical Pest Control - advantages & disadvantages
Biological Pest Control - advantages & disadvantages

Unit III: Public Health & Medical Entomology

Vector-Borne Parasites and Pathogens of Public Health Importance
Pesticides used in Public Health
Control of Vectors of Public Health Importance and programs of the government

Evaluation Pattern

Assignment -	10 M
Project -	10 M
MCQ Test -	30 M
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Total -	50 M

Note: - Criteria for the award of certificate – 20/50 M

GOVT COLLEGE FOR WOMEN (AUTONOMOUS) GUNTUR

Department: Zoology
Program: Aquaculture Major

Semester: I
Academic Year: 2023-24

Course: Basic Course in Entomology (Ability Enhancement Certificate Course)

S.No	Name of the Student	Roll NO	Marks Secured			
			Assignment	Field Work	Final Exam	Total
1	Bhukya Revathi	23405001	8	9	18	35
2	Gunturu Sowbhagyam	23405002	9	9	19	37
3	Macherla Pavani	23405003	8	8	20	36
4	Naidu Divya Tejaswi	23405004	8	8	20	36
5	Nukathoti Purna Sri	23405005	9	9	20	38
6	Unumula Naga Jyothi	23405006	8	9	19	36
7	Valaparla Amrutha	23405007	9	8	18	35

Signature of the course coordinator

Signature of the HOD

Signature of the Principal

GOVT COLLEGE FOR WOMEN (AUTONOMOUS) GUNTUR**Department: Zoology**
Program: Zoology Major**Semester: I**
Academic Year: 2023-24**Course: Basic Course in Entomology (Ability Enhancement Certificate Course)**

S.No	Name of the Student	Roll NO	Marks Secured			
			Assignment	Field Work	Final Exam	Total
1	Adimalla Karuna Sri	23402001	8	8	22	38
2	Angadi Sailaja	23402002	9	8	18	35
3	Bandaru Sri Lakshmi Durga	23402003	8	9	20	37
4	Bandela Kowsalya	23402004	8	9	15	32
5	Bandela Prasanthi	23402005	7	10	21	38
6	Bathula Sireesha	23402006	10	9	25	44
7	Dammu Aruna	23402007	8	9	16	33
8	Dhoradala Prasanthi	23402008	9	9	21	39
9	Gaddala Indu	23402009	9	10	24	33
10	Gangavarapu Roja Rani	23402010	9	9	18	36
11	Gummadi Chennamma	23402011	8	9	25	32
12	Jeerangi Rupasri	23402012	8	8	21	37
13	Kanaparthi Keerthi	23402013	7	8	20	35
14	Kadavati Madhuri	23402014	6	9	24	39
15	Konda Veera Venkata Lakshmi Durga	23402015	6	9	24	39
16	Kudumula Pavithra Keerthi	23402016	7	8	19	34
17	Manda Anitha	23402017	7	8	16	31
18	Manda Pavithra	23402018	8	7	18	33
19	Maramreddy Deepika	23402019	7	8	19	34
20	Modugu Padma	23402020	7	9	23	39
21	Mudavath Priyanka bai	23402021	4	9	24	37
22	Munji Padmalatha	23402022	5	9	20	34
23	Palaparthi Nandini	23402023	4	10	19	33
24	Panidarapu Mounika	23402024	7	8	18	33
25	Perumalla Srilatha	23402025	8	9	25	42
26	Prattipati Prasanthi	23402026	9	9	24	42
27	Sadam Durga Bhavani	23402027	9	8	24	41
28	Sanam Kaveri	23402028	8	7	20	35
29	Shaik Asifa	23402029	10	7	21	38
30	Shaik Khasimbi	23402030	8	8	17	33
31	Shaik Ubada	23402031	7	9	16	32
32	Udaragudi Sushma	23402032	8	8	19	35

Month :
Year :

Pupils Attendance Register

No. of Days

Section :

Class :

Admission Number	Sl. No.	Name	Caste	No. of Days													No. of Days		Date of Birth	Remarks
				1	2	3	4	5	6	7	8	9	10	11	12	13	Boys	Girls		
1		N. Divya Tejaswi		x	x	x	x	a	l	x	x	x	x	x	x	x	96%			
2		B. Revathi		x	x	a	x	x	l	x	x	x	x	x	x	x	96%			
3		G. Sowbhagya		x	x	a	x	x	l	a	x	x	x	x	x	x	93%			
4		V. Anurkha		x	x	a	x	x	y	l	x	x	x	x	x	x	96%			
5		J. Rupa Sree		x	x	a	x	x	l	a	x	x	x	a	x	x	90%			
6		B. Sri Latha		x	x	x	x	x	l	x	x	x	a	a	x	x	93%			
7		M. Anitha		x	x	a	x	x	y	l	a	a	a	x	x	x	86%			
8		M. Pavithra		x	x	a	x	x	x	l	a	a	a	x	x	x	86%			
9		M. Padma Latha		x	x	x	x	x	l	x	x	a	x	x	x	x	96%			
10		P. Sri Latha		x	x	x	x	x	l	x	x	a	a	x	x	x	93%			
11		A. Seelaja		x	x	x	x	x	l	a	x	x	a	x	x	x	90%			
12		D. Prasanthi		x	x	x	x	a	l	a	a	x	x	x	x	x	90%			
13		U. Sushma Latha		x	x	a	x	a	l	x	x	x	a	x	x	x	86%			
14		B. Prasanthi		x	x	x	x	x	a	x	x	x	x	x	x	x	93%			
15		B. Kowsalya		x	x	x	x	a	a	a	a	a	a	a	x	x	76%			
16		S. Kaveri		x	x	x	x	a	l	a	a	x	x	a	x	x	86%			
17		P. Manika		a	a	x	x	x	l	a	x	x	x	a	x	x	86%			
18		D. Aruna		a	x	a	x	x	l	a	a	x	a	a	x	x	83%			
19		P. prasanthi		a	x	x	x	x	l	a	a	x	a	a	a	x	83%			
20		V. Naga Jyothi		x	x	x	x	x	l	x	x	x	x	x	x	x	100%			
21		sk. kasimthi		x	x	x	x	a	x	l	a	a	a	a	a	x	80%			
22		M. puona Sai		x	x	x	x	x	l	x	x	a	x	x	x	x	96%			
23		G. Pndhu		x	x	a	x	x	l	a	a	x	a	a	x	x	83%			
24		M. padma		a	a	x	x	a	x	l	a	a	a	a	a	x	80%			
25		S. Durga Bhavani		x	x	a	x	x	l	a	x	a	a	a	a	x	83%			
26		B. Sri lakshmi Durga		x	x	a	x	x	l	a	a	a	a	a	a	x	80%			
27		k. keethi		x	x	a	x	x	l	a	x	x	x	x	x	x	100%			
28		G. Roja rani		x	x	x	x	x	l	a	a	a	a	x	x	x	86%			
29		G. chennamma		x	x	x	x	x	a	x	x	x	a	x	x	x	96%			
30		P. Nandini		x	a	a	x	x	a	a	x	x	x	x	x	x	100%			

Morning Attendance : Boys ☐ Girls ☐

Teacher's Signature :

Evening Attendance : Boys ☐ Girls ☐

Teacher's Signature :

No. of Working Days

Class Teacher

Head Master

Month :
Year :

Pupils Attendance Register

No. of Days

Section :
Class :

1		2		3		4		5													6													7		8		9	
Admission Number	Sl. No.	Name	Caste	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	No. of Days		Date of Birth	Promotory/ Date of Admission	Remarks
				Boys	Girls																																		
	31.	sk. Asifa		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	100%				
	32.	A. Karuna Sri		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	100%			
	33.	K. Madhuri		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	100%			
	34.	K. veera venkata lakshmi Durga		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	100%			
	35.	K. pavithra Keerthi		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	100%			
	36.	M. Deepika.		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	100%			
	37.	M. priyanka Sai		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	100%			
	38.	sk. Vbeba		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	100%			

GOVERNMENT COLLEGE FOR WOMEN (A) GUNTUR
DEPARTMENT OF ZOOLOGY
Certificate Course End Test

Duration: 1 Hr

Date: 07/01/2024

Max Marks: 30

I. Fill in the following blanks

10 Marks

1. No of insect species ---
2. Largest class in animal kingdom-----
3. What is isoptera -----
4. Queen honey bee -----Diploid/Haploid
5. No of species of termites in India -----
6. Langstroth is -----
7. Mud-tubes belong to -----
8. Trenching is -----
9. Identify the number --- 60000 - 1 million...
10. Bait station indicates -----

II. Answer the following Multiple Choice Questions 10 Marks

11. Which of the following species of the honey bee is not found in India?

- a) *Apis mellifera* ()
- b) *Apis dorsata*
- c) *Apis indica*
- d) *Apis florea*

12. Identify the social group of the honey bee.

- a) Queen ()
- b) King
- c) Drones
- d) Workers

13. Hormone is secreted by Queen of honey bees?

- a) Bombykol ()
- b) Trail pheromone
- c) Antiquen pheromone
- d) Copulin

14. Which of the following is not a useful product of Apiculture?

- a) Bee venom ()
- b) Honey
- c) Beeswax
- d) Jelly

15. Which of the following does not attack honey bees?

- a) Wasps ()
- b) Houseflies

- c) Mites
- d) Black ants

16. Mosquitoes can't transmit the following diseases

- a) Malaria ()
- b) Filaria
- c) Dengue
- d) Covid

17. Mosquitoes can lay eggs in

- a) Tires, buckets, and bottles that collect water ()
- b) Ruts that collect standing water
- c) Debris in ditches
- d) All of the above

18. Malaria is caused by a

- a) Virus ()
- b) Bacterium
- c) Fungus
- d) Parasite

19. Which mosquito bites during day time

- a) Anopheles ()
- b) Culex
- c) Aedes
- d) All

20. The most prevalent mosquito-borne illness?

- a) Dengue ()
- b) West-Nile
- c) Zika
- d) Malaria

21-30 Questions - Matching

10 Marks

Group A

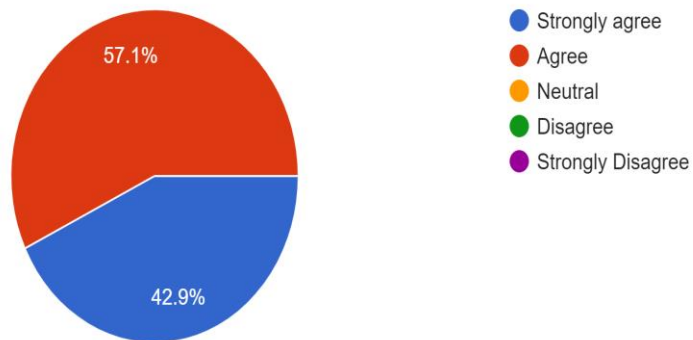
Group B

- | | |
|-------------------------|--------------------------------------|
| 1. Chewing type | i) Cracks & Crevices |
| 2. Social insects | ii) Termites |
| 3. Solid steam sprayer | iii) Aldrin |
| 4. White ants | iv) Honey bee colony |
| 5. Soil treatment | v) Food of termites |
| 6. Plinth-level barrier | vi) Termite infestation in the house |
| 7. Faeces, soil | vi) Termite treatment |
| 8. Many queen and kings | vii) Termite colony |
| 9. Cellulose | viii) Cockroach |
| 10. Pressure Drill | ix) Ants |

Feed back Analysis

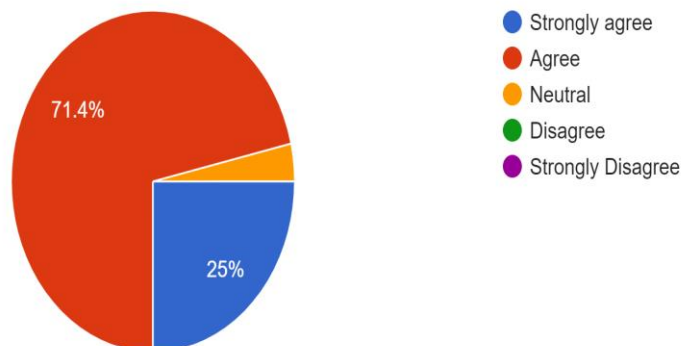
Course outcomes were stated in the beginning of the course

28 responses



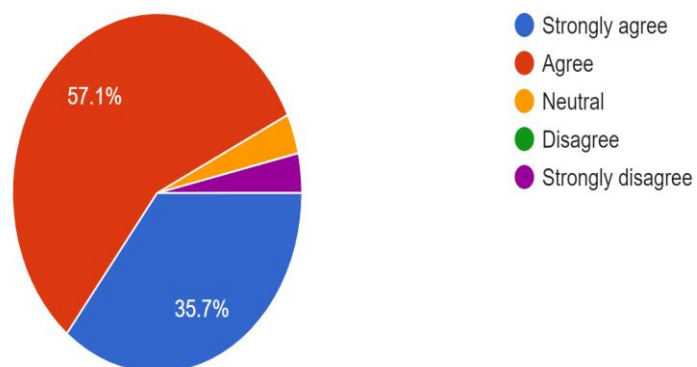
Course outcomes were discussed in the beginning of the course

28 responses



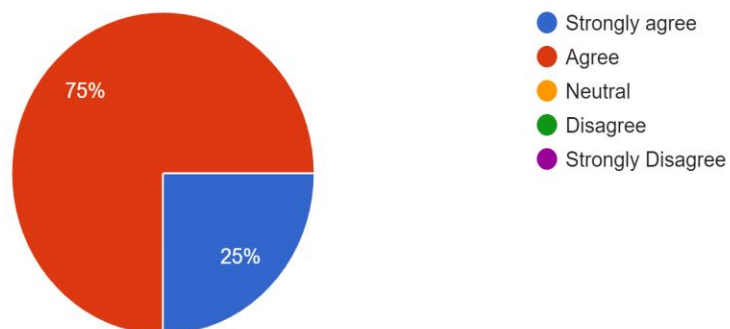
Outline systematics of insects was taught

28 responses



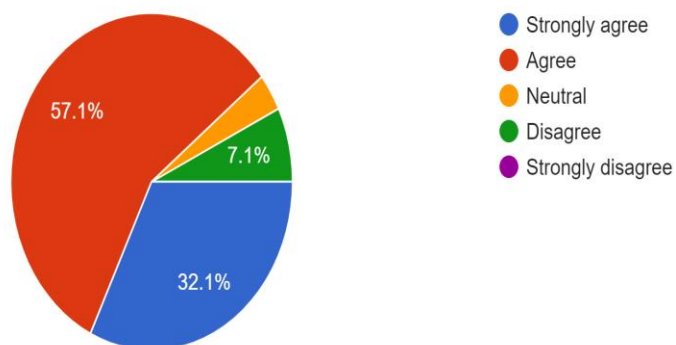
Sufficient number of skill classes were conducted

28 responses



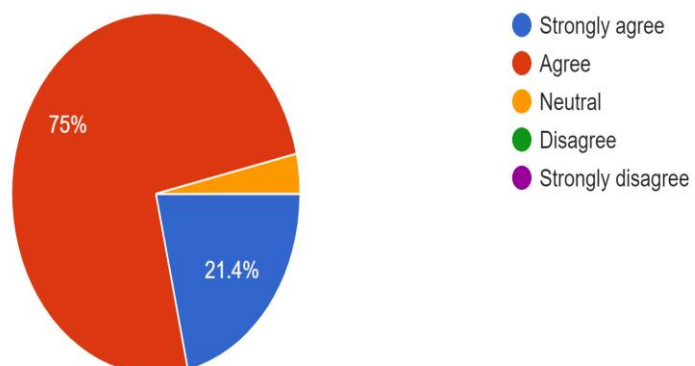
More honey bee keeping classes are required

28 responses

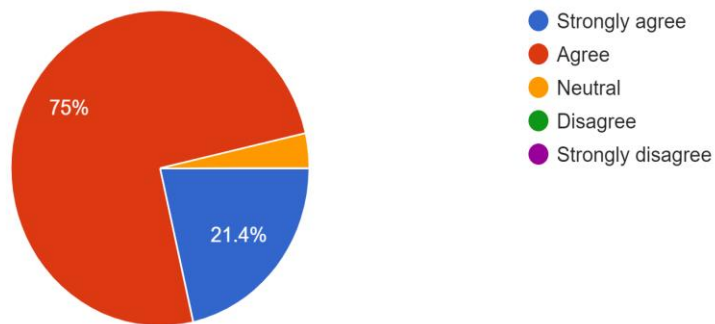


The systematics of termites was explained

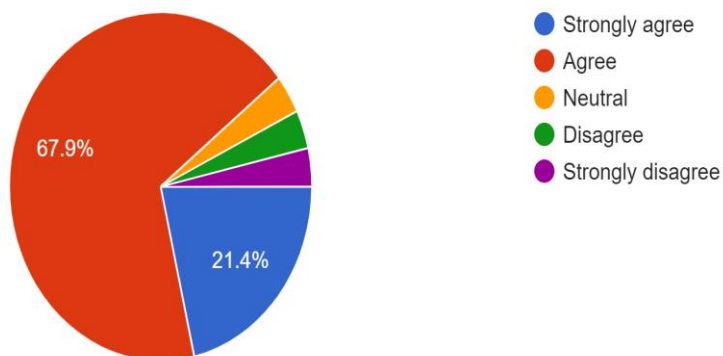
28 responses



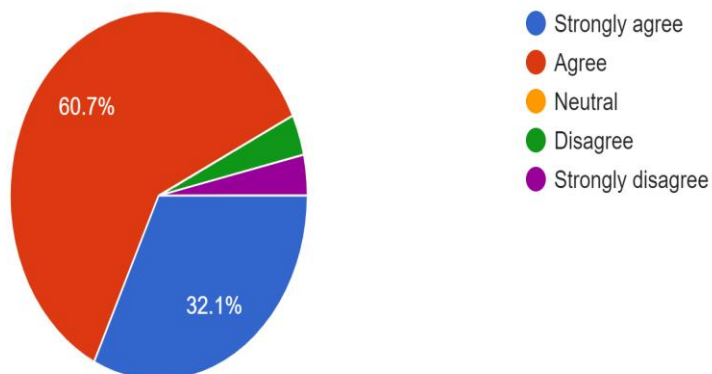
The systematics of termites was explained
28 responses



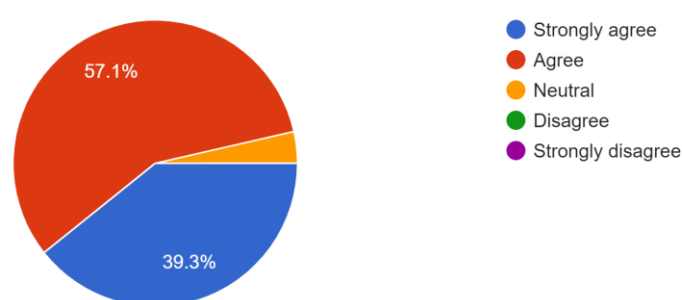
Methods of preventing the termites was demonstrated
28 responses



Vector borne disease spread was explained in public health entomology
28 responses



Sanitation and environmental hygiene were explained well in public health entomology
28 responses





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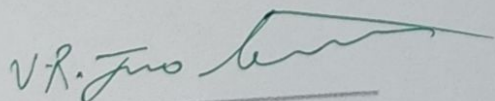
CERTIFICATE

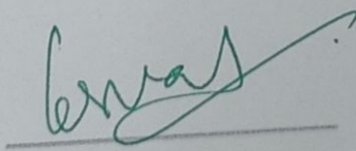
OF ACHIEVEMENT

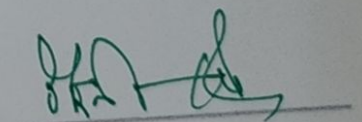
This is to certify that **Ms. Bandela Kowsalya** of 1st Bsc. Sem1 successfully completed the Certificate Course in **"BASIC COURSE IN ENTOMOLOGY"** conducted by the Department of Zoology from **09-11-23 to 07-01-24** as approved in the BoS and Academic Council of the College.



Scan me!


Principal


I/C of Department


Course Coordinator



GPS Map Camera

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47-3-66, Sambasivarao Pet, Kothapet, Guntur, Andhra Pradesh 522001,
India

Lat 16.297097°

Long 80.444265°

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