

**KNM GOVERNMENT DEGREE COLLEGE, MIRYALGUDA**

**NALGONDA DIST**



**DEPARTMENT OF ZOOLOGY**

**CERTIFICATE COURSE**

**ON**

**APICULTURE**

**FOR ZOOLOGY STUDENTS  
ACADEMIC YEAR 2022-2023**

**(FROM 02-02-2023 TO 17-03-2023)**

No. Of Participants :21

No. Of Hours :30

Time: 4:30

**DEPARTMENT OF ZOOLOGY**

**PERMISSION LETTER**

Date: 28-01-2023

To

The Principal,  
KNM Government Degree College,  
Miryalaguda.

Respected sir,

Sub:- Department of Zoology –seeking permission to start certificate course in Zoology in our college Request-Reg.

We the Department of Zoology would like to start the certificate course in Zoology in our college for the academic year 2022-23.

Hence, I request you to permit me to start the certificate course on “APICULTURE” For Zoology students” for this academic year.

Thanking you sir,

Yours faithfully

  
Principal  
K.N.M. Govt. Degree College  
MIRYALGUDA.



J NARENDER REDDY  
Department of Zoology

**CIRCULAR**

Date: 28-01-2023.

All the students are here by informed that we the Department of Zoology planning to start “ **APICULTURE**” for a period of 30 hours for this Academic Year 2022-2023. The classes will be conducted during zero hours that is from 4:30 pm to 5:30 pm(1 hour) on all working days.

Interested candidates may enroll their names with Sri. J.Narendar reddy,Lecturer in Zoology on or before 01-02-2023.



J.Narendar reddy  
In-charge  
Department of Zoology



**Principal**

**DEPARTMENT OF ZOOLOGY**  
Certificate Course on  
**APICULTURE**  
**Curriculum of the Certificate**

**UNIT-I-Biology of Bees (12 Periods)**

- 1.1 History, Classification & Present status of apiculture industry in India.
- 1.2 Biology of Honey Bees & Bee economy.
- 1.3 Social Organization of Bee colony. 1.4 Selection of Bee species for apiculture. 1.5 Bee rearing method: Artificial Bee rearing (Apiary), Beehives

**UNIT-II - Rearing of Bees (18 Periods)**

- 2.1 Products of Apiculture Industry and its uses (Honey, Bees Wax, Propolis ), Pollen etc.,)
- 2.2. Methods of Extraction of Honey (Indigenous and Modern)
- 2.3. Bee keeping Equipment
- 2.4 Colony inspection & maintenance of the equipment.
- 2.5 Bee Diseases and Enemies, Control and Preventive measures

*Ready*

  
Principal  
K.N.M. Govt. Degree College  
MIRYALGUDA

KNM GOVERNMENT DEGREE COLLEGE, MIRYALAGUDA

CERTIFICATE COURSE IN Apiculture

ACADEMIC YEAR 2022-23

DEPARTMENT OF ZOOLOGY

S.NO	Name of the student	H.T.NO	Group	Signature
1	L. Kalyani	20044018445010	III B2C	L. Kalyani
2	D. Shravani	20044018445005	III B2C	D. Shravani
3	MD. Sana	20044018445010	III B2C	MD. Sana
4	A. Bhavani	20044018445001	III B2C	A. Bhavani
5	SK. Mubeena	20044018603003	III B2CA	SK. Mubeena
6	M. Eshwar	20044018445012	III B2C	M. Eshwar
7	D. Bhanu prakash	20044018445006	III B2C	D. Bhanu prakash
8	P. Kamathasan	20044018602002	III B2CA	P. Kamathasan
9	G. Varun Kumar	20044018445008	III B2C	G. Varun Kumar
10	A. Saidulu	20044018445007	III B2C	A. Saidulu
11	Y. Brahamam	210440184451008	II B2C	Y. Brahamam
12	P. Shiva	210440184451023	II B2C	P. Shiva
13	K. Rajesh	210440184451013	II B2C	K. Rajesh
14	G. Siddhartha	210440184451008	II B2C	G. Siddhartha
15	SK. SAMEER	210440184451025	II B2C	SK. Sameer
16	P. Vignesh	210440184451022	II B2C	P. Vignesh
17	S. Gayathri	210440184451026	II B2C	S. Gayathri
18	B. SANDEEP	210440184451002	II B2C	B. SANDEEP
19	E. PREM KUMAR	210440184451007	II B2C	E. Prem Kumar
20	R. Edu Kondalu	210440184451024	II B2C	R. Edu Kondalu
21	S. Lokesh	210440184451002	II B2C	S. Lokesh

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Principal  
K.N.M. Govt. Degree College  
MIRYALAGUDA

*Handwritten signature*

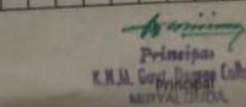
Principal  
K.N.M. Govt. Degree College  
MIRYALAGUDA

Students attendance sheet:

CERTIFICATE COURSE IN ..... Apiculture .....  
 DEPARTMENT OF ..... Zoolo.Gy. .....  
 Attendance sheet :: AY 2022 - 2023

Sl. No	Name of the participant	Date & Month																														Student Signature	
		Feb 2023															March 2023																
1	L. Kalyani	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	L. Kalyani	
2	D. Shrivani	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	D. Shrivani	
3	MD. Sana	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	MD. Sana	
4	A. Bhavani	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	A. Bhavani	
5	Sk. Mubeena	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	Sk. Mubeena	
6	M. Ashwari	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	M. Ashwari	
7	D. Annu Prakash	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	D. Annu Prakash	
8	P. Kamathasan	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	P. Kamathasan	
9	G. Varan Kumar	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	G. Varan Kumar	
10	A. Sakthi	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	A. Sakthi	
11	X. Brahman	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	X. Brahman	
12	P. Shiva	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	P. Shiva	
13	K. Rajesh	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	K. Rajesh	
14	G. Siddhanta	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	G. Siddhanta	
15	S. S. SAMEER	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	S. S. SAMEER	
16	P. Vignesh	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	P. Vignesh	
17	S. Gayathri	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	S. Gayathri	
18	B. Sandeep	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	B. Sandeep	
19	C. Pran Kumar	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	C. Pran Kumar	
20	R. Edukondalu	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	R. Edukondalu	
21	S. Lakesh	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	S. Lakesh	
22																																	
23																																	
24																																	
25																																	

Des by \_\_\_\_\_  
 Course In-charge

  
 Principals  
 K.N.M. Govt. Degree College  
 MIRYALGUDA

  
 Principals  
 K.N.M. Govt. Degree College  
 MIRYALGUDA

Sign. Of the Principal

# KNM GOVERNMENT DEGREE COLLEGE MIRYALAGUDA

## Department OF zoology

### Feedback analysis on

### APICULTURE

Sl.No	Questionnaire	Excellent	Very Good	Good	Average	Poor	Total
1	Syllabus frame work	20	3	1	1	-	25
2	Coverage of Syllabus	23	1	1	-	-	25
3	Course Methods	20	3	2	-	-	25
4	Explanation of the topics	23	1	1	-	-	25
5	Interaction	24	-	1	-	-	25
6	Doubts clarification	24	1	-	-	-	25
7	Teacher presentation	24	1	-	-	-	25
8	Interest Generation	20	2	3	-	-	25
9	Time Management	23	2	-	-	-	25
10	Overall opinion	23	1	1	-	-	25
	Remarks of the Principal	<b>GOOD</b>					

  
Principal  
K.N.M. Govt. Degree College  
MIRYALAGUDA

**KNM GOVERNMENT DEGREE COLLEGE, MIRYALAGUDA**  
**DEPARTMENT OF ZOOLOGY**  
**APICULTURE**  
**Certificate Course Summary**

- |   |                         |
|---|-------------------------|
| 1. Name of the course :                     | Apiculture              |
| 2. Name of the Course Coordinator :         | J.Narendar reddy        |
| 3. Number of students participated:         | 21                      |
| 4. Number of students completed the course: | 21                      |
| 5. Number of hours taken                    | 30 Hours                |
| 6. Date of the course :                     | 02-2-2023 to 17-03-2023 |
| 7. No. of certificates issued               | 21                      |

*Reddy*

*J. Narendar Reddy*  
Principal  
K.N.M. Govt. Degree College  
MIRYALAGUDA.



**KNM GOVERNMENT DEGREE COLLEGE,  
MIRYALAGUDA  
NALGONDA DIST  
DEPARTMENT OF ZOOLOGY**

**Student Feedback Form**

Sl.No	Questionnaire	Excellent	Very Good	Good	Average	Poor	Total
1	Syllabus frame work	✓					
2	Coverage of Syllabus		✓				
3	Course Methods		✓				
4	Explanation of the topics	✓					
5	Interaction		✓				
6	Doubts clarification		✓				
7	Teacher presentation	✓					
8	Interest Generation		✓				
9	Time Management	✓					
10	Overall opinion	✓					

MD.Sana  
Signature of the student

# KNM GOVERNMENT DEGREE COLLEGE

MIRALAGUDA, NALGONDA DIST, TS - 508207

(Affiliated to Mahatma Gandhi University, Nalgonda)



## DEPARTMENT OF ZOOLOGY

### CERTIFICATE

This is certify that **Mr / Mrs Md.Sana I BA** with Roll No **2044044018445014** has successfully completed the certificate course in "**Apiculture**" organized by the Department of **Zoology**.

Department In charge

Principal

# KNM GOVERNMENT DEGREE COLLEGE

MIRALAGUDA, NALGONDA DIST, TS - 508207

(Affiliated to Mahatma Gandhi University, Nalgonda)



## DEPARTMENT OF ZOOLOGY

### CERTIFICATE

This is certify that **Mr / Mrs G.Varun kumar III Bzc** with Roll No **2044044018445008** has successfully completed the certificate course in "**Apiculture**" organized by the Department of **Zoology**.

Department In charge

Principal