

**KALPATARU FIRST GRADE SCIENCE COLLEGE, TIPTUR**  
**QUALITY INDICATOR FRAMEWORK (QIF)**  
**CRITERION-1**  
**CERTIFICATE COURSE -1.2.1**

File contains the list of students who enrolled certificate course, module, outcomes, circulars and certificates etc of Botany and Zoology

Sl. No	CONTENT	PAGE NO.
<b>BOTANY</b>		
1	Enrolled students list	2
2	Attendance	3-4
3	Circulars	5-6
4	Course Module	7-8
5	Course outcomes	9
6	Certificates	10-19
<b>ZOOLOGY</b>		
1	Enrolled students list	20
2	Attendance	21-22
3	Circulars	23-24
4	Course Module	25
5	Course outcomes	26
6	Certificates	27-36
<b>Photos</b>		37-38

**Kalpataru First Grade Science College, Tiptur-572201**  
**Department of Botany**  
**Certificate course on Herbal medicine and Herbal Products**

**List of the students enrolled**

Sl. No	Name	SL.No	Name
1	Anjali.BA	21	Rohith.VP
2	Anusha.	22	Ruchitha.S
3	Bhoomika.HS	23	Sahana.MS
4	Chinmayi.S	24	Sanjay.P
5	Deviprasad.R	25	Sayima Ainain
6	Dhanashree.JS	26	Shafia
7	Dheeraj Singh	27	Sharmila.VC
8	Divya.SK	28	Shivani.BM
9	Ganashree.HU	29	Shobha.CR
10	Harshitha.G	30	Sindhu.HL
11	Kanchana.H	31	Shobha.TD
12	Meghana.SM	32	Usha.KN
13	Navya. SL	33	Yashaswini.BR
14	Nazareth sultana	34	Bindhu.BR
15	Nischal.MS	35	Harshitha.J
16	Padma.AH	36	Megha shree.BS
17	Pavan.C	37	Yashoda. CS
18	Poornima.K		
19	Ramya.KM		
20	Rekha.NN		

  
**H. O. D. of Botany**  
**Kalpataru First Grade Science College**  
**TIPTUR - 572 201.**

  
**Principal**  
**Kalpataru First Grade**  
**Science College, Tiptur**

Class : Certificate Course - 2020-21 Section :

Register of Attendance for

the month of.....

on "Herbal Medicine and Herbal Product"

Combination :

Subject :

Sl. No.	Name	1st												2nd												No. of days Present						
		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
1.	Anjali BA	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		
2.	Aruska GO	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		
3.	Bhoomika HS	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	
4.	Chinmayi S	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	
5.	Deviprasad R	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		
6.	Dhamashree JS	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		
7.	Deepa Singh	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		
8.	Divya SK	-	1	2	3	4	5	6	7	8	9	10	11	12	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26		
9.	Ganashree .H	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			
10.	Harshitha G	1	2	3	4	5	5	6	7	8	9	10	11	12	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27		
11.	Kanchana .H	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	
12.	Meghana .SM	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	
13.	Navya SL	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	
14.	Niranjan Sulliana	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	
15.	Nishchal .Ms	1	2	2	3	3	3	4	5	6	7	8	9	10	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
16.	Padma AH	1	2	3	4	5	6	7	8	8	9	10	11	12	12	13	14	15	15	16	17	18	19	20	21	22	23	24	25	26	27	
17.	Pavan .C	1	2	3	4	5	5	6	6	7	8	8	9	10	11	12	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
18.	Poornima .K	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	
19.	Raanya .KM	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	
20.	Rekha NN	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	
21.	Rohithi VP	-	1	2	3	4	4	5	6	7	7	8	9	10	11	12	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
22.	Ruchitha .S	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	
23.	Sahana MGS	1	2	3	4	5	6	7	8	9	10	11	12	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
24.	Sanyay .P	-	1	2	2	3	4	5	6	7	7	8	9	10	11	12	13	14	14	15	15	16	17	18	19	19	20	21	22	23	24	
Number Present		M																														
Initials		M	V	S	L	V	V	L	M	V	TM	OM	T	L	EG	S	ZM	L	EG	EG	M	LM	L	EG	LM	LM	L	EG	L	L		
F		11. C. D. of Botany																														

No. on roll at the beginning of the month

Admitted during the month

No. on Roll at the end of Month

No. of Working days

Average Attendance

KALPATARU FIRST GRADE SCIENCE COLLEGE, on Roll during the Month

TIPUR - 572 201.

Kalpataru First Grade  
Science College, Tiptur

Scanned with OKEN Scanner

# KALPATARU FIRST GRADE

SCIENCE COLLEGE, TIPTUR - 572 201.

Register of Attendance for

the month of.....

Class :		Section :												Combination :												Subject :												
Sl. No.	Name	12	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	No. of days Present															
25	Sayima Aminan.	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	Shafia	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							
27	Sharmila .vc	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							
28	Shivani .BM	1	2	3	4	5	6	7	8	9	10	11	12	12	13	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					
29	Shobha .ce	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
30	Sindhu .HC	1	2	3	4	5	6	7	8	9	10	10	11	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31							
31	Shobha .TD	1	2	3	4	4	5	6	7	8	9	9	10	11	11	12	13	13	14	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
32	Usha .KN	1	2	3	4	5	5	5	6	7	7	8	9	10	11	11	11	12	13	14	15	16	16	17	18	18	19	20	21	22	23	24	25	26	27	28	29	30
33	Yashaswini .BR	1	2	3	4	5	6	7	7	8	9	10	11	12	12	13	14	15	16	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
34	Harshitha .T	1	2	3	4	5	6	7	8	9	10	10	11	12	12	13	14	15	16	16	17	18	19	19	19	19	20	21	22	23	24	25	26	27	28	29	30	
35	Megashree .BS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	16	17	18	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
36	Bindhu .BR	1	2	3	4	6	7	8	9	10	11	11	11	12	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
37	Yashoda .cs	1	2	2	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						
Number Present		M												F																								
Initials		M												F																								

No. on roll at the beginning of the month Admitted during the month

Left No. on Roll at the end of Month

No. of Working days

Average Attendance during the month

No. on Roll during the Month



Scanned with OKEN Scanner

H.O.D. of Botany  
Kalpataru First Grade Science College  
TIPTUR - 572 201.

H.O.D.  
Kalpataru First Grade  
Science College, Tiptur

H.O.D. of Botany  
Kalpataru First Grade Science College  
TIPTUR - 572 201.



Kalpataru Vidya Samsthe (R) Tiptur.

Phone : Off : 08134-251067

# Kalpataru First Grade Science College

[Affiliated to Tumkur University and Renecredited A Grade (CGPA 3.07) from NAAC]

N. H. 206, TIPTUR - 572 201. Tumkur Dist. Karnataka State.

ESTD : 1962

## DEPARTMENT OF BOTANY

website : [www.kfgsctiptur.org](http://www.kfgsctiptur.org)

e-mail : [kfgsceprinci@gmail.com](mailto:kfgsceprinci@gmail.com)

Ref. No.

Date : 15-12-2022

### Circular

This is hereby informed to all BSc students that the Department of Botany will organize certificate courses on Herbal medicine and Herbal products. The classes will be in the afternoon every day including Saturday and Sunday (10 to 1 pm.) Certificates will be issued to students after the successful completion of the course. Interested students can enroll their names to Prof.Prakasha HOD of Botany.

### Acknowledgement

Class	Signature
I BSc (CBZ)	✓
II BSc (CBZ)	✓
III BSc (CBZ)	M.S.

  
H. O. D. of Botany  
Kalpataru First Grade Science College  
TIPTUR - 572 201.

  
H. O. D. of Botany  
Kalpataru First Grade Science College  
TIPTUR - 572 201.

  
Principal  
Kalpataru First Grade  
Science College, Tiptur



Scanned with OKEN Scanner



ESTD : 1962

Kalpataru Vidya Samsthe (R) Tiptur.

Phone : Off : 08134-251067

## Kalpataru First Grade Science College

[Affiliated to Tumkur University and Reaccredited **A** Grade (CGPA 3.07) from NAAC ]

N. H. 206, TIPTUR - 572 201. Tumkur Dist. Karnataka State.

### DEPARTMENT OF BOTANY

website : [www.kfgsctiptur.org](http://www.kfgsctiptur.org)

e-mail : [kfgscprinci@gmail.com](mailto:kfgscprinci@gmail.com)

Ref. No.

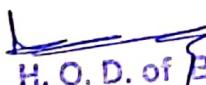
Date : 16 - 12 - 2020

#### Circular

We inform the students that a certificate course entitled Herbal Medicine and Herbal products will commence from the second week of December 2020. We request the students attend the classes regularly without fail.

Principal  
Kalpataru First Grade  
Science College, Tiptur

H. O. D. of Botany  
Kalpataru First Grade Science College  
TIPTUR - 572 201.

  
H. O. D. of Botany  
Kalpataru First Grade Science College  
TIPTUR - 572 201.

  
Principal  
Signature of the Principal  
Kalpataru First Grade Science College  
Adm. & Acad. Deptt. Tiptur - 572 201.

# KALPATARU FIRST GRADE SCIENCE COLLEGE, TIPTUR 572201

## DEPARTMENT OF BOTANY

### Certificate Course: HERBAL MEDICINE AND HERBAL PRODUCTS

Duration of the course: 30 Hours

Course coordinator: Prof. PRAKASHA

A certificate course in Herbal medicine is a program that provides education and training on identifying herbal medicinal plants and preparing and using their herbal products. It is designed to equip students with knowledge and skill in identifying and utilizing various herbs for health and wellness purposes.

Graduate students can earn a Certificate in Herbal medicine and herbal products, which provides specialised training in understanding and using local herbal medicine. The course provides advanced knowledge of identifying herbs / essential ethno botanical plants, their morphological features and the preparation of some herbal products.

It develops a good understanding of botany and plant identification, focusing on medicinal plants' practical applications for successful wild-crafting of herbs. It combines botanical theory with modern technologies of dependable plant identification.

**Eligibility:** The courses are designed for 12th-grade pass-outs, or similar qualifications are eligible to apply.

#### Outcomes of Certificate course

Upon completion of this course, the students will be able to

- \* skill development for the proper use of plant materials for the well-being of the humankind
- \* Induction of enthusiasm for locally available medicinal plants.
- \* Preparation of herbal products
- \* Alternatives to pharmaceuticals for various common ailments.

\*This course will employ various components of plants, such as seeds, roots, and bark, to take medication, herbal medicine, and natural nutritional assistance for health.

  
H. O. D. of Botany  
Kalpataru First Grade Science College  
TIPTUR - 572 201.

  
Principal  
Kalpataru First Grade  
Science College, Tiptur

  
Prof. PRAKASHA  
Course Coordinator  
H. O. D. of Botany  
Kalpataru First Grade Science College  
TIPTUR - 572 201.



Syllabus :

COURSE NO	TYPE OF COURSE	DURATION OF COURSE	THEORY	PRACTICALS	TOTAL NUMBER OF HOURS	CERTIFICATE
1	Add on certificate Course	04 weeks	15hrs	15hrs	30 HRS	
<b>Modules</b>	<b>Course content</b>					
1	<b>Introduction to herbal medicine and its importance to Mankind</b>					
2	A brief account of Ethnobotany and ethnobotanically important plants: Hemidesmus Amla.Niruri,Aloe,Sarpagandha,Adathda, Ashwagandha Hogweed, Halale kayi. ,					
3	Study of locally available medicinal plants - Turmeric,Acorus,Neem,Pepper,Clove,Cinnamon Lemon grass, Murraya, FeroniaCentella, Vinca, Tylophora, Asparagus, coleus, Sauropus androgynous( Multivitamin plant)					
4	Technical terms – Rheumatism,Astringent, Abortifacient, Antidote,Antispasmodic,Diaphoretic, Antipyretic,Leucorrhoea,Nausea,Leucoderma,Insomnia, Diuretic, Flatulence.					
<b>Modules</b>	<b>Practicals</b>					
1	Preparation of balm - Snehajana and Nirgundi taila					
2	preparation of hair oil–Bramhi amla kasha taila					
3	Preparation of Soap- Aloe vera soap, Neem soap, Papaya soap					
4	Preparation of Triphala churna					
5	Extraction of lemongrass oil and eucalyptus oil.					
6	Preparation of toothbrushes from Neem, virginalis, Jatropa					
7	Study of local medicinal plants					


 H. O. D. of Botany  
 Kalpataru First Grade Science College  
 TIPTUR - 572 201.


 Principal  
 Kalpataru First Grade Science College, Tiptur


 H. O. D. of Botany  
 Kalpataru First Grade Science College,  
 TIPTUR - 572 201.



**KALPATARU FIRST GRADE SCIENCE COLLEGE, TIPTUR 572201**  
**DEPARTMENT OF BOTANY**

**Certificate Course: HERBAL MEDICINE AND HERBAL PRODUCTS**

**Duration of the course: 30 Hours**

**Course coordinator: Prof. PRAKASHA**

**Outcomes of Certificate course**

Upon completion of this course, the students will be able to

- \* skill development for the proper use of plant materials for the well-being of the humankind
- \* Induction of enthusiasm for locally available medicinal plants.
- \* Preparation of herbal products
- \* Alternatives to pharmaceuticals for various common ailments.

\*This course will employ various components of plants, such as seeds, roots, and bark, to take medication, herbal medicine, and natural nutritional assistance for health.

  
**Principal**  
Kalpataru First Grade  
Science College, Tiptur

  
**Prof.PRAKASHA**  
**Course Coordinator**

**H. O. D. of Botany**  
Kalpataru First Grade Science College  
TIPTUR - 572 201.



Kalpataru Vidya Samsthe (R)

# Kalpataru First Grade Science College, Tiptur - 572201.

[Affiliated to Tumkur University and Accredited with A Grade from NAAC]



## DEPARTMENT OF BOTANY



### CERTIFICATE OF APPRECIATION

This is to certify that Mr./Mrs./Ms. Anjali B A

studying in I CBZ class has successfully completed certificate course on

**'HERBAL MEDICINE AND HERBAL PRODUCTS'** Conducted by the

Department of Botany in the academic year 2020-2021

  
HOD of Botany

KFGSC, Tiptur

  
Principal

KFGSC, Tiptur



Kalpataru Vidya Samsthe (R)

# Kalpataru First Grade Science College, Tiptur - 572201.



[Affiliated to Tumkur University and Accredited with A Grade from NAAC]

## DEPARTMENT OF BOTANY



### CERTIFICATE OF APPRECIATION



This is to certify that Mr./Mrs./Ms. Bindu. B. R.  
studying in I<sup>st</sup> Bsc (CB2) class has successfully completed certificate course on  
**'HERBAL MEDICINE AND HERBAL PRODUCTS'** Conducted by the  
Department of Botany in the academic year 2020-2021.

  
HOD of Botany

KFGSC, Tiptur

  
Principal

KFGSC, Tiptur



Kalpataru Vidya Samsthe (R)

# Kalpataru First Grade Science College, Tiptur - 572201.



[Affiliated to Tumkur University and Accredited with A Grade from NAAC]

## DEPARTMENT OF BOTANY

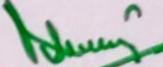


### CERTIFICATE OF APPRECIATION



This is to certify that Mr./Mrs./Ms. Chinmayi S  
studying in 1CBZ class has successfully completed certificate course on  
**'HERBAL MEDICINE AND HERBAL PRODUCTS'** Conducted by the  
Department of Botany in the academic year 2020-2021

HOD of Botany  
KFGSC, Tiptur

  
Principal  
KFGSC, Tiptur



Kalpataru Vidya Samsthe (R)

# Kalpataru First Grade Science College, Tiptur - 572201.

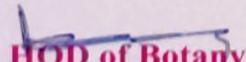
[Affiliated to Tumkur University and Accredited with A Grade from NAAC]



## DEPARTMENT OF BOTANY

### CERTIFICATE OF APPRECIATION

This is to certify that Mr./Mrs./Ms. Deeraj Singh  
studying in TCBZ class has successfully completed certificate course on  
**'HERBAL MEDICINE AND HERBAL PRODUCTS'** Conducted by the  
Department of Botany in the academic year 2020-2021

  
HOD of Botany

KFGSC, Tiptur

  
Principal

KFGSC, Tiptur



Kalpataru Vidya Samsthe (R)

# Kalpataru First Grade Science College, Tiptur - 572201.



[Affiliated to Tumkur University and Accredited with A Grade from NAAC]

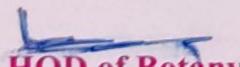
## DEPARTMENT OF BOTANY



### CERTIFICATE OF APPRECIATION



This is to certify that Mr./Mrs./Ms. Kanchana - H  
studying in ICBZ class has successfully completed certificate course on  
**'HERBAL MEDICINE AND HERBAL PRODUCTS'** Conducted by the  
Department of Botany in the academic year 2020-2021

  
HOD of Botany

KFGSC, Tiptur

  
Principal  
KFGSC, Tiptur



Kalpataru Vidya Samsthe (R)

# Kalpataru First Grade Science College, Tiptur - 572201.



[Affiliated to Tumkur University and Accredited with A Grade from NAAC]

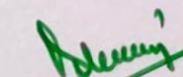
## DEPARTMENT OF BOTANY

### CERTIFICATE OF APPRECIATION

This is to certify that Mr./Mrs./Ms. Meghashree. B.S.  
studying in 1<sup>st</sup> Bsc (CBZ) class has successfully completed certificate course on  
**'HERBAL MEDICINE AND HERBAL PRODUCTS'** Conducted by the  
Department of Botany in the academic year 2020-2021.

  
HOD of Botany

KFGSC, Tiptur

  
Principal  
KFGSC, Tiptur



Kalpataru Vidya Samsthe (R)

# Kalpataru First Grade Science College, Tiptur - 572201.



[Affiliated to Tumkur University and Accredited with A Grade from NAAC]

## DEPARTMENT OF BOTANY



### CERTIFICATE OF APPRECIATION



This is to certify that Mr./Mrs./Ms. Nazarath Sulthana  
studying in ICBZ class has successfully completed certificate course on  
**'HERBAL MEDICINE AND HERBAL PRODUCTS'** Conducted by the  
Department of Botany in the academic year 2020-2021

  
**HOD of Botany**  
KFGSC, Tiptur

  
**Principal**  
KFGSC, Tiptur



Kalpataru Vidya Samsthe (R)

# Kalpataru First Grade Science College, Tiptur - 572201.

[Affiliated to Tumkur University and Accredited with A Grade from NAAC]



## DEPARTMENT OF BOTANY

### CERTIFICATE OF APPRECIATION

This is to certify that Mr./Mrs./Ms. Poornima. K.  
studying in I<sup>st</sup> BSc, CBZ class has successfully completed certificate course on  
**'HERBAL MEDICINE AND HERBAL PRODUCTS'** Conducted by the  
Department of Botany in the academic year 2020-2021

HOD of Botany  
KFGSC, Tiptur

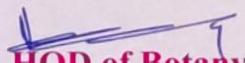
Principal  
KFGSC, Tiptur



## DEPARTMENT OF BOTANY

### CERTIFICATE OF APPRECIATION

This is to certify that Mr./Mrs./Ms. Rekha N. N.  
studying in 1<sup>st</sup> Bsc (CBZ) class has successfully completed certificate course on  
**'HERBAL MEDICINE AND HERBAL PRODUCTS'** Conducted by the  
Department of Botany in the academic year 2020-2021

  
HOD of Botany

KFGSC, Tiptur

  
Principal  
KFGSC, Tiptur



Kalpataru Vidya Samsthe (R)

# Kalpataru First Grade Science College, Tiptur - 572201.



[Affiliated to Tumkur University and Accredited with A Grade from NAAC]

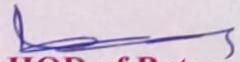
## DEPARTMENT OF BOTANY



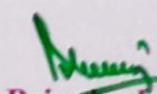
### CERTIFICATE OF APPRECIATION



This is to certify that Mr./Mrs./Ms. Sharmila V. C.  
studying in I<sup>st</sup> Bsc (CB2) class has successfully completed certificate course on  
**'HERBAL MEDICINE AND HERBAL PRODUCTS'** Conducted by the  
Department of Botany in the academic year 2020-2021

  
HOD of Botany

KFGSC, Tiptur

  
Principal  
KFGSC, Tiptur

**Kalpataru First Grade Science College, Tiptur**  
**Department of Zoology**  
**List of Enrolled Students for Certificate Course**

Sl/No	Name of the student	Sl/No	Name of the student
1	AMITH. K.S.	27	MADHUSUDHAN
2	ANUSHA H.S.	28	MAHADESH. R.P.
3	ARPITHA. M	29	MAHALAKSHMI. D.N.
4	BHARATHI. J	30	MAHESHWARI. S
5	BHAVANA. P	31	MAMATHA. C.S.
6	BHAVYA. S	32	MANJUNATHA. K.N.
7	BINDUSHREE. K.R.	33	MANOJ. A.T.
8	CHAITHRA. K.M.	34	MANOJ. S.G.
9	DEEPIKA. K.G.	35	MEGHA. A.S.
10	HIMATHI. M.U.	36	MEGHANA. N. B.
11	INCHARA. M.K.	37	NIDHISHIVAKUMAR.
12	KAVITHA. S.C.	38	NITHYA. N.R.
13	KAVYA. A	39	PAVAN. K.S.
14	KAVYA. A.S.	40	PAVAN. M.R.
15	KAVYA. K.R.	41	PAVANA. A.L.
16	ASHWINI. S	42	PRADEEP. M.S.
17	POOJA. G.J.	43	PRAJWAL. D.R.
18	ARUNKUMAR NAIK	44	RAGHAVENDRA. B.T.
19	ASHWATH. L	45	PRATHIBHA. H.M.
20	CHAREN. M.E.	46	POOJA. G.J.
21	DARSHAN. P	47	RAMYA. B.U.
22	LATHA. S.K.	48	SACHITHA. Y.M.
23	KAVYA. S.M.	49	SEEMA. S.B.
24	LAVANYA. G.R.	50	VACHANA. S.P.
25	LAVANYA. S	51	SAHANA. K.P.
26	MADHUSHREE. H.N.		

Signature

HoD

Department of Zoology

Principal  
 Kalpataru First Grade  
 Science College, Tiptur

# KALPATARU FIRST GRADE

Register of Attendance for

Class : III B.Sc.

Section : C.B.Z

2019

SCIENCE COLLEGE, TIPTUR - 572 201.

the month of Jan and Feb 2019

Combination :

Subject : Geography, civics, science

Sl. No.	Name	19/1	19/2	19/3	19/4	19/5	19/6	19/7	19/8	19/9	19/10	19/11	19/12	19/13	19/14	19/15	19/16	19/17	19/18	19/19	19/20	19/21	19/22	19/23	19/24	19/25	19/26	19/27	19/28	19/29	19/30	19/31	No. of days Present
1.	Amith. K.S.	A	1	2	3	4	5	5	6	7	8	9	10	10	11	12	13	14	15	16	17	18	19	20	21								
2.	Anusha. H.S.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24								
3.	A. Sripitha. M.	1	2	3	4	5	6	6	7	8	9	10	11	12	13	14	15	15	16	17	18	19	20	21	22								
4.	Bhruvathi. T	1	2	3	4	5	6	7	8	8	9	10	11	12	12	13	14	15	16	17	18	19	20	21	22								
5.	Bhavana. P	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23								
6.	Bhavya. S.	1	2	3	4	5	6	7	8	9	9	10	11	11	12	13	14	15	16	17	18	18	19	20	21								
7.	Bindushree. K.R.	1	2	3	4	5	6	7	8	9	10	10	11	12	12	13	14	15	16	17	18	19	19	20	21	22							
8.	Chaitanya. K.M.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	23								
9.	Deepika. K.G.	A	1	2	3	3	4	5	6	7	8	9	10	11	11	12	13	14	14	15	16	17	18	19	20	21							
10.	Himathi. M.U.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	16	17	18	19	20	21	22	22								
11.	Inchaya. M.K.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24								
12.	Kavitha. S.C.	1	2	3	4	4	5	6	7	8	9	10	10	11	11	12	13	14	15	16	17	17	18	19	20	21							
13.	Kavya. A.	1	2	2	3	4	5	6	7	8	9	10	11	12	12	13	14	15	16	17	18	19	20	21	22								
14.	Kavya. A.S.	A	A	1	2	3	4	5	6	7	8	9	10	11	11	12	13	14	15	16	17	18	19	20	21	22							
15.	Kavya. K.R.	1	2	3	3	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21								
16.	Ashwini. S.	1	2	3	4	5	6	6	7	8	9	10	11	12	12	12	13	14	15	16	17	18	19	20	20								
17.	Pooja. G.T.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24								
18.	Arunakumari. Naik	A	1	2	3	4	5	6	7	8	8	8	8	9	10	11	12	13	14	15	16	17	17	18	19								
19.	Ashwath. L.	1	2	3	3	4	5	6	7	8	9	10	11	12	12	13	14	15	16	17	18	18	19	20	20								
20.	Charan. M.F.	1	1	2	3	4	5	6	7	7	8	9	10	11	11	11	12	13	14	15	16	17	17	18	19								
21.	Darshan. P	1	2	3	4	5	6	7	8	9	10	11	12	13	13	14	15	16	17	18	18	18	18	19	20	20							
22.	Lathe. S.K.	1	2	3	4	5	6	7	8	9	9	10	11	12	12	13	14	15	16	17	18	19	20	21	22								
23.	Kavya. S.M	A	1	2	3	4	5	6	7	8	9	10	10	11	11	12	13	14	15	16	17	18	19	20	20								
24.	Lavanya. G.R.	1	2	3	4	5	6	7	7	8	9	10	11	12	12	13	14	15	16	17	18	19	20	20	21								
25.	Lavanya. S.	A	1	2	3	4	4	5	6	7	8	9	10	11	11	12	13	14	15	15	16	17	18	19	20								
	Number Present	F																															
	Initials	M	9/8	9/8	9/8	9/8	9/8	9/8	9/8	9/8	9/8	9/8	9/8	9/8	9/8	9/8	9/8	9/8	9/8	9/8	9/8	9/8	9/8	9/8	9/8	9/8	9/8	9/8	9/8				
		F																															

No. on roll at the beginning of the month

Admitted during the month

Left No. on Roll at the end of Month

No. of Working days

Average Attendance during the month

No. on Roll during the Month  
Science College



Scanned with OKEN Scanner

## KALPATARU FIRST GRADE

### Register of Attendance for

Class : III B.Sc

Section :..... C.B.L.....

No. on roll at the beginning of the month

Admitted during the month

Left Name \_\_\_\_\_ Date \_\_\_\_\_ and of Month \_\_\_\_\_

SCIENCE COLLEGE, TIPTUR - 572 201.

the month of Jan. & Feb. 19

Combination :.....

Subject : Certificate Course.

No. on roll at the beginning of the month

Admitted during the

1 Month

No. of Working days

#### Average Attendance during the month

No. on Roll during the Month

**Kalpataru First Grade Science College, Tiptur**

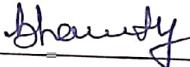
**Department of Zoology**

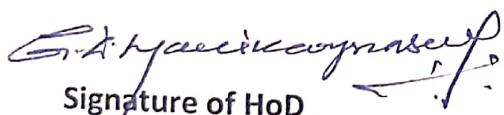
**Circular**

**Date: 2/01/2019**

It is hereby informed to all BSc students that the Department of Zoology will organize certificate courses on Dairy, Poultry, Sericulture and Apiculture. The classes will be in the afternoon every Saturday between 2 to 5 pm and Sundays between 10 to 1 pm. Certificates will be issued to students after the successful completion of the course. Interested students can enroll their names to G.C.Mallikarjunaswamy HoD, Y.R.Somashekaraiah and Bharath Kumar L.N. Department of Zoology.

**Acknowledgement**

Class	Signature
I BSc (CBZ)	
II BSc (CBZ)	
III BSc (CBZ)	

  
Signature of HoD

Department of Zoology

G. C. MALLIKARJUNASWAMY  
M.Sc., PGDEE, M.Phil  
Associate Professor  
and  
HoD of Zoology  
Kalpataru First Grade Science College  
TIPTUR - 572201

  
Principal  
Kalpataru First Grade  
Science College, Tiptur

Kalpataru First Grade Science College, Tiptur

Department of Zoology

Circular

8/01/2019

We inform the students that a certificate course entitled Dairy, Poultry, Sericulture and Apiculture will commence from the second week of **19/01/2019**. We request the students attend the classes regularly without fail.

*G. A. Nareshwari*

Signature  
HoD

Department of Zoology

*S. C. MALLIKARJUNA SIVAMY.*  
MSc., PGCE, MPhil  
Associate Professor  
and  
HoD of Zoology  
Kalpataru First Grade Science College  
TIPTUR - 572201

*Nareshwari*  
Principal  
Kalpataru First Grade  
Science College, Tiptur

Kalpataru First Grade Science College, Tiptur

Department of Zoology

Certificate Course

Course Module

**Module-1. Dairy:** 8hrs

Composition of Milk, Nutritive value of Milk, Draft breeds (Hallikar), Milch breed (Red Sindhi), Dual purpose breed (Ongole), Exotic breed (Holstein Friesian), Crossbreed (Red dane), Buffalo breed (Nagpuri and Surti). Diseases in cattle, causes and effects of Mastitis, Anthrax, Septicemia, and Foot and mouth disease. Brief account of the management of a dairy farm.

**Module- 2. Poultry:** 8hrs

Importance of egg in combating protein malnutrition, Poultry as a subsidiary source of income. Breeds of Fowl Desi breeds, Exotic breeds, Layer, Broiler and Dual purpose. White leg horn (Mediterranean class), Plymouth Rock (American class), Sussex (English class), Langshan (Asiatic class), Giriraja.

A Brief Account of Poultry farming.

Diseases of Poultry fowls: Ranikhet, Fowl fox, Avian leucosis and Coccidiosis.

**Module-3. Sericulture:** 8hrs

Sericulture as an Agro-based industry, species of Silkworm (Mulberry and Non-Mulberry), Races of silkworms, Brief account of Mulberry cultivation, the Life cycle of Bombyx mori, structure and functions of silk glands. Diseases of silkworm: Pebrine, Muscudine, Grassarie and Flacherie and by-products of the silk industry.

**Module-4. Apiculture:** 8hrs

Introduction and present status of apiculture.

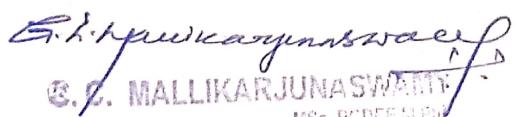
Species of honey bees in India, the life cycle of Apis indica.

Colony organization, Division of labour and communication.

Beekeeping is an agro-based industry with methods and equipments, indigenous methods, extraction appliances, honey extraction from the comb, and processing.

Bee pasturage, honey and bee waxes and their uses.

Pests and diseases of bees and their management.

  
C. P. MALLIKARJUNASWAMY

MSc., PGDEE, MPhil

Associate Professor

and

HoD of Zoology

Kalpataru First Grade Science College

TIPTUR - 572201

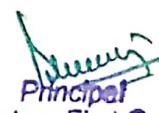
1

  
Principal  
Kalpataru First Grade  
Science College, Tiptur

## OUTCOME OF APPLIED ZOOLOGY CERTIFICATE COURSE

- Certificate course in Applied Zoology covers detailed information on Sericulture, Poultry, Dairy and Apiculture for BSc CBZ students
- This course is an Agro based industry which generates employment to Rural Indians, Rural youths their by provides financial stability to rural I
- CBZ graduates with above course can take-upself-employment for which all financial institutes provides loan.

  
S. C. MALLIKARJUNASTAM  
MSc., PGDZ, M.Phil  
Associate Professor  
and  
HoD of Zoology  
Kalpataru First Grade Science College  
TIPTUR - 572201

  
Principal  
Kalpataru First Grade  
Science College, Tiptur



## DEPARTMENT OF ZOOLOGY

### CERTIFICATE OF APPRECIATION

This is to certify that Mr./Mrs./Ms. ASHWINI.S.

studying in III CBZ class has successfully completed certificate course on

**“Applied Zoology” (Dairy/Poultry/Sericulture/Apiculture)** Conducted by the

Department of Zoology in the academic year 2020-2021

  
HOD of Zoology

KFGSC, Tiptur

  
Principal  
KFGSC, Tiptur



# DEPARTMENT OF ZOOLOGY

# CERTIFICATE OF APPRECIATION

This is to certify that Mr./Mrs./Ms. HIMATHI. M.U

studying in III B.Sc CBZ class has successfully completed certificate course on  
**“Applied Zoology” (Dairy/Poultry/Sericulture/Apiculture)** Conducted by the  
Department of Zoology in the academic year 2020-2021

*G. A. species of mammals*  
**HOD of Zoology**  
KFGSC, Tiptur

 Principal  
KFGSC, Tiptur



## DEPARTMENT OF ZOOLOGY

### CERTIFICATE OF APPRECIATION

This is to certify that Mr./Mrs./Ms. Pooja G.J.

studying in III CBZ class has successfully completed certificate course on

**“Applied Zoology” (Dairy/Poultry/Sericulture/Apiculture)** Conducted by the

Department of Zoology in the academic year 2020-2021

*G. D. Jayaraman, M.Sc.*  
HOD of Zoology  
KFGSC, Tiptur

*Principal*  
KFGSC, Tiptur



Kalpataru Vidya Samsthe (R)

# Kalpataru First Grade Science College, Tiptur - 572201.

[Affiliated to Tumkur University and Accredited with A Grade from NAAC]



## DEPARTMENT OF ZOOLOGY

### CERTIFICATE OF APPRECIATION

This is to certify that Mr./Mrs./Ms. PRATHIBHA . H.m.

studying in III CBZ class has successfully completed certificate course on

**“Applied Zoology” (Dairy/Poultry/Sericulture/Apiculture)** Conducted by the

Department of Zoology in the academic year 2020-2021

  
HOD of Zoology

KFGSC, Tiptur

  
Principal  
KFGSC, Tiptur



Scanned with OKEN Scanner



## DEPARTMENT OF ZOOLOGY

### CERTIFICATE OF APPRECIATION

This is to certify that Mr./Mrs./Ms. PRATWAL D.R.

studying in III CBZ class has successfully completed certificate course on

**“Applied Zoology” (Dairy/Poultry/Sericulture/Apiculture)** Conducted by the

Department of Zoology in the academic year 2020-2021

  
HOD of Zoology  
KFGSC, Tiptur

  
Principal  
KFGSC, Tiptur



Kalpataru Vidya Samsthe (R)

# Kalpataru First Grade Science College, Tiptur - 572201.

[Affiliated to Tumkur University and Accredited with A Grade from NAAC]



## DEPARTMENT OF ZOOLOGY

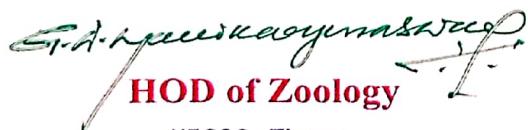
### CERTIFICATE OF APPRECIATION

This is to certify that Mr./Mrs./Ms. PAVAN. M.R.

studying in III CBZ class has successfully completed certificate course on

**“Applied Zoology” (Dairy/Poultry/Sericulture/Apiculture)** Conducted by the

Department of Zoology in the academic year 2020-2021.

  
HOD of Zoology  
KFGSC, Tiptur

  
Principal  
KFGSC, Tiptur



Scanned with OKEN Scanner



Kalpataru Vidya Samsthe (R)

# Kalpataru First Grade Science College, Tiptur - 572201.

[Affiliated to Tumkur University and Accredited with A Grade from NAAC]



## DEPARTMENT OF ZOOLOGY

### CERTIFICATE OF APPRECIATION

This is to certify that Mr./Mrs./Ms. PAVAN .K.S.

studying in II CBZ class has successfully completed certificate course on

**“Applied Zoology” (Dairy/Poultry/Sericulture/Apiculture)** Conducted by the

Department of Zoology in the academic year 2020-2021

  
HOD of Zoology

KFGSC, Tiptur

  
Principal  
KFGSC, Tiptur



Scanned with OKEN Scanner



Kalpataru Vidya Samsthe (R)

# Kalpataru First Grade Science College, Tiptur - 572201.

[Affiliated to Tumkur University and Accredited with A Grade from NAAC]



## DEPARTMENT OF ZOOLOGY

### CERTIFICATE OF APPRECIATION

This is to certify that Mr./Mrs./Ms. MAMATHA. C.S.

studying in III CBZ class has successfully completed certificate course on

**“Applied Zoology” (Dairy/Poultry/Sericulture/Apiculture)** Conducted by the

Department of Zoology in the academic year 2020-2021

*G. S. Jayaramanayya*  
HOD of Zoology  
KFGSC, Tiptur

  
Principal  
KFGSC, Tiptur



Scanned with OKEN Scanner



Kalpataru Vidya Samsthe (R)

# Kalpataru First Grade Science College, Tiptur - 572201.



[Affiliated to Tumkur University and Accredited with A Grade from NAAC]

## DEPARTMENT OF ZOOLOGY

### CERTIFICATE OF APPRECIATION

This is to certify that Mr./Mrs./Ms. MANOJ . S.G

studying in III CBZ class has successfully completed certificate course on

**“Applied Zoology” (Dairy/Poultry/Sericulture/Apiculture)** Conducted by the

Department of Zoology in the academic year 2020-2021

  
HOD of Zoology

KFGSC, Tiptur

  
Principal  
KFGSC, Tiptur



Scanned with OKEN Scanner



## DEPARTMENT OF ZOOLOGY

### CERTIFICATE OF APPRECIATION

This is to certify that Mr./Mrs./Ms. MAHALAKSHMI .D.N  
studying in III CBZ class has successfully completed certificate course on  
**“Applied Zoology” (Dairy/Poultry/Sericulture/Apiculture)** Conducted by the  
Department of Zoology in the academic year 2020 -2021

*S. A. Rajinayagamswamy*  
HOD of Zoology  
KFGSC, Tiptur

*[Signature]*  
Principal  
KFGSC, Tiptur

**KALPATARU FIRST GRADE SCIENCE COLLEGE, TIPTUR 572201**  
**DEPARTMENT OF BOTANY**  
**Certificate Course on: HERBAL MEDICINE AND HERBAL PRODUCTS**



Introduction to Medicinal plants

Extraction of Aloe Vera juice by students



Herbal soap preparation



Pain balm preparation

*H. O. D. of Botany*  
Kalpataru First Grade Science College  
TIPTUR - 572 201.



Extraction of Papaya juice



Separation of Vitex and Neem leaves



Herbal based hair oil preparation



Herbal products