

**KALPATARU FIRST GRADE SCIENCE COLLEGE, TIPTUR**  
**QUALITY INDICATOR FRAMEWORK (QIF)**

**CRITERION-1**  
**CERTIFICATE COURSE -1.2.1**

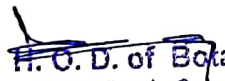
File contains the list of students who enrolled certificate course,  
module, outcomes, circulars and certificates etc of Botany and  
Zoology

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**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

# KALPATARU FIRST GRADE

SCIENCE COLLEGE, TIPTUR - 572 201.

Register of Attendance for

the month of.....

Class : Certificate Course - 2020-21

Section : .....

on "Herbal medicine and Herbal products"

Combination : .....

Subject : .....

Sl. No	Name	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	No. of days Present										
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	Amika 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	30	
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	30	
7	Deoraj 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	30	
8	Divya SK	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	
9	Ganashree HIO	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	
10	Harshika G	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	
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	Naxarath Sultan	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	Nischal MS	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	
16	Padma AH	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	
17	Pavan C	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	
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	Rakha 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	Rohith VP	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	
22	Ruchika 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 MS	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	
24	Sanjay P	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	
Number Present		M																														
Initials		M	V	S	L	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
		F																														

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

No. on Roll during the Month

TIPTUR - 572 201.

Kalpataru First Grade Science College, Tiptur



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# KALPATARU FIRST GRADE

Register of Attendance for

**SCIENCE COLLEGE, TIPTUR - 572 201.**

the month of.....

Class :.

Section :

Combination :

Subject :..

[illegible]

No. on roll at the beginning of the month	Admitted during the month	Left No. on Roll at the end of Month
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	32	33
34	35	36
37	38	39
40	41	42
43	44	45
46	47	48
49	50	51
52	53	54
55	56	57
58	59	60
61	62	63
64	65	66
67	68	69
70	71	72
73	74	75
76	77	78
79	80	81
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145	146	147
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169	170	171
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178	179	180
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187	188	189
190	191	192
193	194	195
196	197	198
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202	203	204
205	206	207
208	209	210
211	212	213
214	215	216
217	218	219
220	221	222
223	224	225
226	227	228
229	230	231
232	233	234
235	236	237
238	239	240
241	242	243
244	245	246
247	248	249
250	251	252
253	254	255
256	257	258
259	260	261
262	263	264
265	266	267
268	269	270
271	272	273
274	275	276
277	278	279
280	281	282
283	284	285
286	287	288
289	290	291
292	293	294
295	296	297
298	299	300
301	302	303
304	305	306
307	308	309
310	311	312
313	314	315
316	317	318
319	320	321
322	323	324
325	326	327
328	329	330
331	332	333
334	335	336
337	338	339
340	341	342
343	344	345
346	347	348
349	350	351
352	353	354
355	356	357
358	359	360
361	362	363
364	365	36

No. of Working days	Average Attendance during the month	No. on Roll during the Month
---------------------	-------------------------------------	------------------------------





Kalpataru Vidya Samsthe (R) Tiptur.

Phone : Off : 08134-251067

# Kalpataru First Grade Science College

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

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

## DEPARTMENT OF BOTANY

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

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

Ref. No.

Date : 15-12-2020

### 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
IBSc (CBZ)	
IIBSc (CBZ)	
IIIBSc (CBZ)	

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 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  
Kalpataru First Grade Science College  
TIPTUR - 572 201.

Principal  
Kalpataru First Grade Science College  
TIPTUR - 572 201.

Signature of the  
Principal  
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**

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 :

COUR SE 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>					<b>Hours</b>
1	<b>Introduction to herbal medicine and its importance to Mankind</b>					<b>1 hrs</b>
2	A brief account of Ethnobotany and ethnobotanically important plants: Hemidesmus Amla, Niruri, Aloe, Sarpagandha, Adathda, Ashwagandha Hogweed, Halale kayi. ,					<b>4 hrs</b>
3	Study of locally available medicinal plants - Turmeric, Acorus, Neem, Pepper, Clove, Cinnamon Lemon grass, Murraya, Feronia Centella, Vinca, Tylophora, Asparagus, coleus, Sauropus androgynous( Multivitamin plant)					<b>9hrs</b>
4	Technical terms – Rheumatism, Astringent, Abortifacient, Antidote, Antispasmodic, Diaphoretic, Antipyretic, Leucorrhoea, Nausea, Leucoderma, Insomnia, Diuretic, Flatulence.					<b>1hrs</b>
<b>Modules</b>	<b>Practicals</b>					<b>15 hrs</b>
1	Preparation of balm - Snehanjana 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**

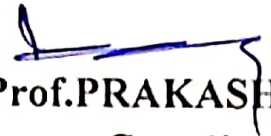
**Course coordinator: Prof. PRAKASHA**

**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.**

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## DEPARTMENT OF BOTANY



### CERTIFICATE OF APPRECIATION



This is to certify that Mr./Mrs./Ms. Anjali BA  
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.**

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## DEPARTMENT OF BOTANY



### CERTIFICATE OF APPRECIATION



This is to certify that Mr./Mrs./Ms. Bindu. B. R.  
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



Kalpataru Vidya Samsthe (R)

**Kalpataru First Grade Science College, Tiptur - 572201.**

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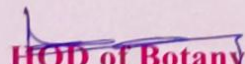
## DEPARTMENT OF BOTANY



### CERTIFICATE OF APPRECIATION



This is to certify that Mr./Mrs./Ms. Chinmayi S  
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**  
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Kalpataru Vidya Samsthe (R)

**Kalpataru First Grade Science College, Tiptur - 572201.**

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## DEPARTMENT OF BOTANY



### CERTIFICATE OF APPRECIATION



This is to certify that Mr./Mrs./Ms. Deeraj shingh  
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**  
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Kalpataru Vidya Samsthe (R)

**Kalpataru First Grade Science College, Tiptur - 572201.**

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## 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 20<sup>20</sup>-20<sup>21</sup>

  
**HOD of Botany**  
KFGSC, Tiptur

  
**Principal**  
KFGSC, Tiptur



Kalpataru Vidya Samsthe (R)

**Kalpataru First Grade Science College, Tiptur - 572201.**

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## 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.**

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## DEPARTMENT OF BOTANY



### CERTIFICATE OF APPRECIATION



This is to certify that Mr./Mrs./Ms. Nazarath Sullthana  
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.**


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## 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



Kalpataru Vidya Samsthe (R)

**Kalpataru First Grade Science College, Tiptur - 572201.**

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## DEPARTMENT OF BOTANY



### CERTIFICATE OF APPRECIATION



This is to certify that Mr./Mrs./Ms. Rekha N. N.  
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





Kalpataru Vidya Samsthe (R)

**Kalpataru First Grade Science College, Tiptur - 572201.**

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## DEPARTMENT OF BOTANY



### CERTIFICATE OF APPRECIATION



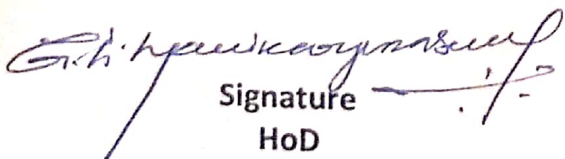
This is to certify that Mr./Mrs./Ms. Sharmila V.C.  
studying in I<sup>st</sup> Bsc (CBZ) class has successfully completed certificate course on  
**'HERBAL MEDICINE AND HERBAL PRODUCTS'** Conducted by the  
Department of Botany in the academic year 20~~20~~<sup>20</sup>-20~~21~~<sup>21</sup>

  
**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

2019  
SCIENCE COLLEGE, TIPTUR - 572 201.

Register of Attendance for

the month of Jan and Feb. 2019

Class : III B.Sc

Section : CBZ

Combination :

Subject : Certificate course

Sl. No.	Name	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	25	26	27	28	29	30	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.	Aspitha. M.	1	2	3	4	5	6	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22				
4.	Bharathi. J	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.	Bhavara. 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	13	14	15	16	17	18	19	19	20	21	22			
8	Chaitra. 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	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.	Inchasa. 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	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	12	13	14	15	16	17	18	19	20	21	22			
15.	Kavya. K.R.	1	2	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	19	20			
17.	PooJA. G.J.	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.	Arunakumar Paik	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.	Ashwini. L.	1	2	3	3	4	5	6	7	8	9	10	11	12	13	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	12	13	14	15	16	17	17	18	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	19	20	20				
22.	Latha. 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	12	13	14	15	16	17	18	19	20	20	20			
24.	Lavanya. G.R.	1	2	3	4	5	6	7	7	8	9	10	11	12	13	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	12	13	14	15	15	16	17	18	19	20				
	Number Present	F																										
	Initials	M	S	B	A	S	B	A	S	B	A	S	B	A	S	B	A	S	B	A	S	B	A	S	B	A		
		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





# KALPATARU FIRST GRADE

Register of Attendance for

Class : III B.Sc

Section : .....CBZ.....

SCIENCE COLLEGE, TIPTUR - 572 201.

the month of... Jan. & Feb. 2019

Combination : .....

Subject : Certificate Course

		Subject: <u>Chemistry</u> <u>Course</u>																													
Sl. No.	Name	19	20	21	22	23	24	25	26	27	28	29	30	31	No. of days Present																
26	madhusheer. H.v.	1	2	3	3	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21						
27	madhusudham.	A	1	2	3	4	5	6	7	8	8	8	8	9	10	11	12	13	14	15	16	17	18	19	20						
28	mahadesh. R.P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	21	21	21						
29	mahalakshmi. D.V.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24						
30	maheshwari. S.	1	2	3	4	5	6	6	7	8	9	10	11	11	11	12	13	14	15	16	17	18	19	20	21						
31	manatha. G.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						
32	manjumartha. K.V.	A	A	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21						
33	manoj. A.T.	1	2	3	4	5	6	7	7	7	8	9	10	11	12	13	14	15	15	16	17	18	19	19	20						
34	manoj. S.G.	A	1	2	3	4	5	6	7	8	9	10	11	11	11	12	13	14	15	16	17	18	19	19	20						
35	megha. A.S.	1	2	3	4	5	6	7	8	9	10	11	12	12	12	12	13	14	15	16	17	18	19	20	21						
36	meghana. N.B.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	18	18	18	19	20	21						
37	nidhishivakumar.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24						
38	nithya. N.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						
39	Pavani. K.S.	A	A	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21						
40	Pavan. M.R.	1	2	3	4	5	6	6	7	8	9	10	11	11	12	13	14	15	16	16	17	18	19	20	21						
41	Pavana. A.L.	1	2	3	4	5	6	7	8	9	10	11	12	12	13	14	15	16	17	17	18	19	20	21	22						
42	Pradeep. M.S.	1	2	3	3	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21						
43	Pratwal. D.R.	1	2	3	4	5	6	7	8	9	9	9	9	10	11	12	13	14	15	16	17	18	19	20	21						
44	Raghavendra. B.T.	1	2	3	4	5	6	7	8	9	10	11	12	12	12	13	14	15	16	17	18	19	20	21	22						
45	Prathibha. H.M.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24						
46	Pooja. G.J.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	20	21	22	23						
47	Ramya. B.V.	A	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22						
48	Sachitha. Y.M.	1	2	3	4	5	6	7	8	9	10	10	10	10	11	12	13	14	15	16	17	18	19	20	21						
49	Seema. S.B.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	14	15	16	17	17	18	19	20	21	22						
50	Vadhana. S.P.	M	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24						
51	SAHANA. K.P.	A	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	A	18	19	20	21	22	23	24						
	Initials	M	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24						
		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



**Kalpataru First Grade Science College, Tiptur**



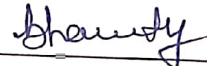
**Department of Zoology**

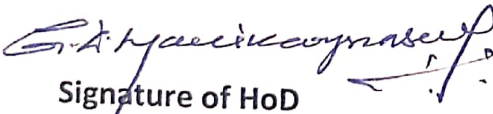
**Circular**

**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
IBSc (CBZ)	
IIBSc (CBZ)	
IIIBSc (CBZ)	

  
Signature of HoD  
Department of Zoology

G. C. MALLIKARJUNASWAMY.  
MSc, PGDDE, MPhil  
Associate Professor  
and  
HoD of Zoology  
Kalpataru First Grade Science College  
TIPTUR - 572201

  
Principal  
Kalpataru First Grade  
Science College, Tiptur

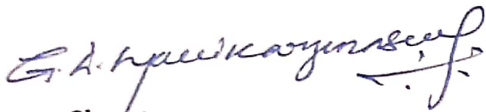
**Kalpataru First Grade Science College, Tiptur**

**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.



Signature  
HoD

Department of Zoology

  
Principal  
Kalpataru First Grade  
Science College, Tiptur

G. C. MALLIKARJUNA SWAMY.  
M.Sc., P.O.D.E.E., M.Phil.  
Associate Professor  
and  
HoD of Zoology  
Kalpataru First Grade Science College  
TIPTUR - 572201



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, Muscardine, Grasserie and Flacherie and by-products of the silk industry.

**Module-4. Apiculture:**

8hrs

Introduction and present status of apiculture.

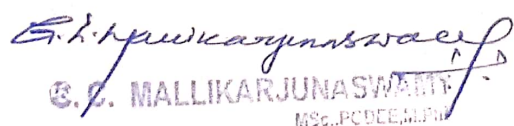
Species of honey bees in India, the life cycle of Apis indica.

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. Z. MALLIKARJUNASWAMY  
MSc., PCDEE, MPhil

Associate Professor  
and

HoD of Zoology

Kalpataru First Grade Science College  
TIPTUR - 572201

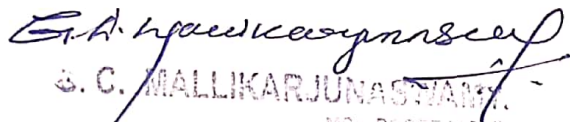
1

  
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.

  
G. C. MALLIKARJUNASWAMY  
MSc., Ph.D., B.Ed., M.Phil.  
Associate Professor  
and  
HoD of Zoology  
Kalpataru First Grade Science College  
TIPTUR - 572201

  
Principal  
Kalpataru First Grade  
Science College, Tiptur





Kalpataru Vidya Samsthe (K)

**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. 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





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. 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

  
**HOD of Zoology**  
KFGSC, Tiptur

  
**Principal**  
KFGSC, Tiptur







Kalpataru Vidya Samsathe (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. 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

  
**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 CB2 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. PRAJWAL 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







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 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. 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

  
**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. 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





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. 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

  
**HOD of Zoology**  
KFGSC, Tiptur

  
**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.





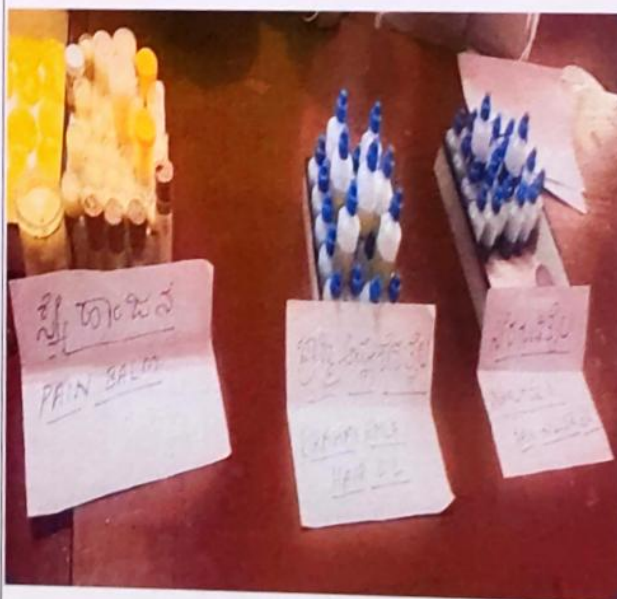
Extraction of Papaya juice



Separation of Vitex and Neem leaves



Herbal based hair oil preparation



Herbal products