

**Department  
of Botany**



# BOTANY

## Departmental Profile

C.RAJA KUMAR

Asst Prof of Botany

Govt Degree College, Huzurabad

# Department of Botany

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## BRIEF HISTORY

### WELCOME TO THE DEPARTMENT OF BOTANY

1. Established in the year 1998
2. First in charge of the department smt. CH.PARAMAGEETAM.
3. Subsequent in charge of the Department
  - Dr. C.Vijay Kumar.
  - Smt. K.V.Kamalakumari.
  - Dr.G.Laxminarayana.
  - Dr. T. Giridhar Singh.
  - Smt.K.Usha Rani.
  - Dr. G. Sathaiah.
  - Dr.D.Sammaiah.
  - Sri. C.Raja Kumar.
4. Receiving Financial Assistance form
  - State Government Budget.
  - Special fee collected from students.
5. Department has freedom in distributing the syllabus among the staff and preparing annual plan as per university norms.
6. Department has its library with 40 books maintained by stock register and issued to the students on requirements.
7. Department provides synopsis and course material on important chapters .
8. Only two courses BZC in Telugu and English Medium and BZCA (2019-20 Owards) being offered with an intake of only 30 students.
9. Department has a laboratory , one herbarium store and one staff room.
10. Department posses required infrastructure i.e, stools , almarahs , Bio-visual charts , specimens , slides with latest equipment O.H.P etc.,as teaching aid .
11. Department conducts Unit tests, Remedial classes , gives assingments , classroom seminars.

12. Departments conducts Quiz competitions to the students in the cognitive domain.
13. Department conducts constable ,Gr-2 classes to the students for their carrier development.
14. Department encourages study projects for students .
15. Some of our Ex-students opted PG/BEd courses after graduation.
16. Department conducts Extention Lectures to the students.
17. Department has contacts with Sathavahana and Kakatiya Universities.

# FACULTY

Posts Sactioned: 02(1998-2018)

1.DR.D.Sammaiah

Designation: Asst Prof of Botany

Qualifications: M.Sc.,B.Ed.,SLET,Ph.D.

Experience: 15 Years

2.C.Raja Kumar

Designation: Asst Prof of Botany

Qualifications: M.Sc.,B.Ed.,SLET,(Ph.D)

Experience: 19 Years

Posts Sanctioned:01(2018-Till date)

1.C.Raja Kumar

Designation: Asst Prof of Botany

# Individual Profile

<b>Name in Full</b>	: CHITTOOR RAJA KUMAR				
<b>Designation</b>	: ASSISTANT PROFESSOR OF BOTANY				
<b>Father's name</b>	: C.DEVARAJULU				
<b>Mother's name</b>	: K.SAMPURNAMMA				
<b>Date of Birth</b>	: 06-04-1971				
<b>Qualifications</b>	: M.Sc. (BOTANY), B.Ed., SET				
Acadamic Qualifications (Professional Career – SSC Onwards)					
SL .N O	Institution	Place	Course	Year	Award
1	Z.P.H.S. School	G.D.Nellore, Chittoor	10th	1986	1 <sup>st</sup> rank in school
2	Govt. Junior college	Chittoor	Inter (Bi.P.C)	1988	-
3	Sarvodaya Degree College	Nellore	B.Sc.,(BZC)	1991	1 <sup>st</sup> Division
4	University college, S.V University	Tirupati	M.Sc .,(Bot)	1993	1 <sup>st</sup> Division
5	AISE , S.V University	Tirupati	B.Ed	1999	1 <sup>st</sup> Division
6	Osmania University	Hyderabad	APSET	2013	Qualified
<b>Teaching Experience</b> : 5 YEARS( UG), 14 YEARS(INTERMEDIATE)					



**. Training Programmes Attended :**

1.Participated in 3-day Induction Training Programme (NIPUNA) held from 03.10.2017 to 05.10.2017 .

2.Participated in National Webinar on Biofertilizer and Organic Farming – for Sustainable Agriculture Organised by Dept. of Botany, G.D.C ,Gambhiraopet on 20.03.2021.

3.Participated in the Webinar entitled Hybridoma Technology on 22.03.2021 by Dept. of Microbiology ,TSWRDC(W),Karimnagar.

4.Participated in National Webinar on Restore Our Earth on the occasion of Earth Day2021 by Dept. of Botany,Govt City College(A) ,Hyderabad on 22.04.2021.

5.Participated in UGC-HRDC online Induction Programme from 02.11.2020 to 01.12.2020 and obtained A grade.

**Computer Skills : Obtained**

**Additional Responsibilities :**

- |           |  |
|-----------|--|
| 2016-17 : | 1.Member, IQAC and NAAC<br>2.Member , Committee on Academic aspects<br>3.Member , Committee on Library<br>4. Member ,Committee on Cultural aspects |
| 2017-18 : | 1. Member, IQAC and NAAC   |
| 2018-19 : |  |
| 2019-20 : |  |
| 2020-21 : | 1.Co-ordinator,RUSA and UGC<br>2. Member, Research Committee<br>3.Member, Discipline committee   |

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**Residential Address:** H.No.:- 2-1-145/1, Madhava Nagar ,Gopalpur Road, HANAMKONDA,  
Pin-506007

### DECLARATION

I declare that the particulars furnished above are true to the best of my knowledge and belief. I am liable for the authenticity of each and every bit of this information and indemnify the college administration that I take full responsibility in this regard.

C.RAJAKUMAR

### COMBINATIONS OFFERED IN THE DEPARTMENT

S.NO	Programme	Group	Medium	Combinations offered
1.	B.Sc I Yr	BZC/BZCA/BCCA	E.M,T.M	Botany,zoology, chemistry, computer applications
2.	B.Sc II Yr	BZC/BZCA	EM	Botany,zoology, chemistry, computer applications
3.	B.Sc III Yr	BZC	EM	Botany,zoology, chemistry

### WORK LOAD STATEMENT FOR 2020 - 2021

S.NO	CLASS	THEORY PERIODS	PRACTICAL PERIODS	TOTAL
01	B.Sc,BZC,BZCA E/M I Yr	04	02	06
02	B.Sc,BZC, BZCA E/M II Yr	04	02	06
03	B.Sc,BZC,BZCA E/M III Yr	06	04	10
04	B.Sc,Bcom,BA I Year	1		1
05	B.Sc,Bcom, BA II year	1		1
<b>TOTAL</b>		<b>16</b>	<b>08</b>	<b>24</b>

## Dept. of Botany Time Table 2019-20

SL NO	Day	1st Period Time -12-12:50	2nd Period Time -12:50-1:40	3rd Period Time -1:40-2:20	4th Period Time -2:30-3:20	5th Period Time -3:20-4:10	6th Period Time -4:10-5:00	Remarks
1	MONDAY	Sem-III/IV		Sem – V/VI		Sem – V/VI Practicals		
2	TUESDAY	Sem-III/IV		Sem – V/VI				
3	WEDNESDAY	Sem-III/IV Practical		Sem - I/II	Sem - I/II Practicals			
4	THURSDAY		Sem – V/VI	Sem - I/II		Sem – V/VI		
5	FRIDAY	Sem - I/II	Sem – V/VI Practicals		Sem – V/VI	Sem-III/IV		
6	SATURDAY	Sem - I/II	Sem – V/VI			Sem-III/IV		

## Dept. of Botany Time Table 2020-21

SL NO	Day	1st Period 11:00 – 11:50	2nd Period 11:50 - 12:40	3rd Period 12:40 - 1:30	4th Period 2:30 - 3:20	5th Period 3:20 –4:10	6th Period 4:10 -5:00	Re mar ks
1	MONDAY			BZC Final yr SEM V/VI		BZC / BZCS II yr SEM- III/IV	BZC / BZCS Iyr SEM I/II	
2	TUESDAY			BZC Final yr SEM V/VI		BZC / BZCS II yr SEM- III/IV Practicals		
3	WEDNESDAY	BZC / BZCS II yr SEM-III/IV	BZC / BZCS Iyr SEM I/II	BZC / BZCS II yr SEM- III/IV	BZC / BZCS- I yr practicals		BZC III yr SEM V /VI	
4	THURSDAY	BZC / BZCS II yr SEM-III/IV				BZC Final yr SEM V/VI		
5	FRIDAY			BZC Final yr SEM V/VI	BZC / BZCS Iyr SEM I/II	BZC Final yr SEM V/VI Practicals		
6	SATURDAY			BZC Final yr SEM V/VI	BZC / BZCS Iyr SEM I/II	BZC Final yr SEM V/VI practicals		

## STUDENT SEMINAR

S.NO	NAME	CLASS	YEAR	TOPIC
1	Sk.Ayesha Fathima	2nd BZC	2015-16	Ovule Structure
2	S.Srinath	1st BZC	2015-16	Lichens
3	M.Rahul	1st BZC	2016-17	Bacteria Cell Structure
4	Md.Ali	1st BZC	2016-17	Viral Plant Diseases
5	S.Srinath	2nd BZC	2016-17	Stomatal Types
6	S.Praveen	2nd BZC	2017-18	Micro,macro nutrients
7	D.Kavitha	1st BZC	2017-18	Nucleous Structure
8	M.Srilekha	1st BZC	2017-18	Chromosome Structure
9	Md.Ali	BZC Final Yr	2018-19	Tissue Culture
10	D.Kavitha	2nd BZC	2018-19	Secondary Growth
11	D.Bhoomika	1st BZC	2018-19	Bio-Fertilizers
12	M.Mounika	1st BZC	2018-19	Heterocyst
13	D.Kavitha	BZC Final Yr	2019-20	Krebs Cycle
14	M.Ashlesha Bhavani	2nd BZC	2019-20	Phloem
15	J.Sandhya	1st BZC	2019-20	Anthoceros

# STUDENT ENROLMENT( YEAR WISE )PARTICULARS 2015

– 2020

COURSE : BSc (Life science)Telugu / English medium , SUBJECT : BOTANY

YEAR	COURSE	CLASS	BOYS	GIRLS	SC		ST		BC		OTHERS		TOTAL
					B	G	B	G	B	G	B	G	
2015-16	BZC	I yr	1	1	1	1							2
		II yr	1	2		1	1			1			3
		III yr	3	3	3	2				1			6
2016 -17	BZC	I yr	5	5	3	3			2	2			10
		II yr	1		1								1
		III yr	1	1		1	1						2
2017 - 18	BZC	I yr		4		3				1			4
		II yr	5	5	3	3			2	2			10
		III yr	1		1								1
2018-19	BZC	I yr		6		4				2			6
		II yr		4		3				1			4
		III yr	5	5	3	3			2	2			10
2019 – 20	BZC & BZCA	I yr	4	12	2	3			2	9			16
	BZC	II yr		6		4				2			6
		III yr		4		3				1			4

## RESULTS ANALYSIS 2015-20

Academic year	Class	Paper	Appeared	Passed	Pass %
2015 - 16	BZC T/M	III	6	3	50
		IV	6	3	50
2016 - 17	BZC T/M	III	2	2	100
		IV	2	2	100
2017 - 18	BZC T/M	III	1	1	100
		IV	1	0	0
2018 - 19	BZC T/M	VII	6	5	83
		VIII	6	6	100
2019 - 20	BZC T/M	VII	4	4	100
		VIII	4	4	100
		VIII	6	6	100
2019 - 20	BZC T/M	VII	4	4	100
		VIII	4	4	100

## ACTION PLAN

- ✓ To organize at least one National workshop /seminar annually.
- ✓ To submit research proposals to funding agencies, to conduct at least one major Project by 2023.
- ✓ To introduce self employment regeneration Certificate Courses like “Mushroom Culture” and “ Horticulture Techniques”.
- ✓ To introduce a certificate course in “Organic Farming Techniques”.
- ✓ To upgrade the existing Departmental Library.
- ✓ To strengthen Botany Laboratory.
- ✓ To encourage students towards Post graduate studies and research.
- ✓ To carry out awareness programmes such as advantages of Organic farming, Pesticide free vegetable production.



