

GOVERNMENT DEGREE COLLEGE, ETURNAGARAM, DIST: MULUGU, TELANGANA.

PROFILE OF THE DEPARTMENT OF ZOOLOGY.

Email: ictzoo2020@gmail.com

Year of Establishment: 2007

Scope and importance of the departments:

Education is reckoned as the core subject to all the teaching subjects. It deals with the study of teaching-learning process which is the central of every subject. It focus on the learner along with the teacher. It provides the methodology to all subjects about teaching-learning for the effective and efficient outcome. In our college, the Department of Zoology provides ample opportunities to the students especially for bright higher Education and research to all the three years of undergraduates. This provides an opportunity for the students to get acquainted with the concept, nature, scope and importance of education, its philosophical, sociological and psychological foundations, new trends in education.

Vision of the Department:

To inhere amongst the students the highest values of life, respect for Nature, sustainable development and to inculcate sound acquisition of knowledge of animal sciences through quality educational practices and research.

Mission of the Department:

- To undertake research projects in different fields and conduct quality research in frontier areas.
- To produce leadership in science and technology.
- To prepare responsible trained manpower in animal sciences, teaching and research.
- To sensitize human society for animal welfare, conservation and protection of biodiversity.
- To provide transformative, holistic and value-based immersive learning experiences to students.
- To contribute meaningfully in solving pressing societal problems and well-being of the people.
- To be a hub of original productive research and innovative thinking.
- To be recognized for quality research
- To be the largest provider of quality education in India.

Introduction of Department

Animal Science/ Zoology is a fascinating branch of Life Sciences which revolves around Human Science and sustainable development. Studying in this field can provide wonderful opportunities to the aspirants in many fields such as employment, development and Research.

Details of the program offering that include Zoology.

Sl. No.	Program Level	Name of the Program/Course	Duration	Entry Qualification	Medium of Instruction	Sanctioned / Approved Strength
1	Under Graduation(U.G.)	B.Sc. B. Z. C (Botany-Zoology-Chemistry)	3 Years	Intermediate/12 class pass	Telugu & English	60

BRIEF HISTORY OF THE ZOOLOGY DEPARTMENT:

The Department of Zoology established in 2007 in this college with B.Sc. (BZC) Course. Faculty of Zoology worked here contributed a lot with their dedicated services to this fascinating branch. The department has well equipped smart boards for **ICT based learning**, research and computer Laboratory with continuous internet and Wi-Fi for innovation and development in curricula and extracurricular activities. Students and teachers develop research aptitude, experimental & observation skills curiously with the help of resources available in the Department. The annual results of this department are satisfactory having first Class degree almost every year i.e., 2015 to till date. Many of our students from this

Department have been graduated and continuing in higher education successfully and some were established well manner in the society. Clinical science is one of the subjects of our department. The students who had been graduated from this particular subject acquired many of jobs in laboratories of health department. After the completion of B.Sc. (BZC) degree they get the chances for admission in M.Sc., B.Ed. and P.G. Diploma courses or higher studies in different areas. Some students are preparing for APPSC- Group Jobs.

Objectives of the Department:

Name of the Programs / courses offered:

B.Sc. B.Z.C. (Botany-Zoology-Chemistry) & B.Z.Cs (Botany- Zoology- computer Science)

Medium of Teaching: Telugu & English

No. of Teaching Posts:

Academic Year	No. of posts sanctioned	No. of posts filled
2007-08	01	01
2008-09	01	01
2009-10	01	01
2010-11	01	01
2011-12	01	01
2012-13	01	01
2013-14	01	01
2014-15	01	01
2015-16	01	01
2016-17	01	01
2017-18	02	02
2018-19	02	02
2019-20	02	02
2020-21	01	01
2021-22	01	01

Succession of Department Heads/ Assistant Professors / Lecturers

Name of the Head Department/Assistant Professor/ Lecturer	Designation	Duration
G. Venkateshwarlu	Lecturer in Zoology	2007-13
K. Sandhya	Lecturer in Zoology	2013-16
U. Swamy	Assistant Professor of Zoology	2016 - till date
Ch. Shanker	Lecturer in Zoology	2017-2020

Faculty Profile:

S. No	Name of the Faculty	Qualifi cation	Year of Appointment	Designation	Specializati on	Number of Years of Teaching Experience	Phone Number	Email ID
1	G. Venkateshwarlu	M.Sc	2005	Lecturer	Zoology	08		

		.		in Zoology				
2	Dr. K. Sandhya	M.Sc .	2008	Lecturer in Zoology	Zoology	16	810605 6196	Sandhyakanc harla2013@g mail.com
3	U. Swamy	M.Sc . B.Ed. SET	2012	Assistant Professor of Zoology	Genetics and Animal Physiolo gy	10	970191 3789	lctzoo2020@ gmail.com
4	Dr. Ch. Shanker	M.Sc .	2007	Lecturer in Zoology	Zoology	17	984989 9528	shankerzoolo gy@gmail.co m

Research progression of the faculty- Research Publications/ Journals/Books:

S. No.	Name of the Journal/Book published	Name of the Journal & ISSN / ISBN Number	Whether per reviewed/ Impact factor if any
1.	PHYSICO-CHEMICAL PROPERTIES OF SOME SELECTED FRESH WATER FISH PONDS IN RELATION TO FISH PRODUCTION IN WARANGAL AREA - Volume-6, Issue-4 Oct-Dec-2016 Coden: IJPAJX-CAS-USA, Copyrights@2015ISSN-	DOI: 10.21276/ijpaes http://dx.doi.org/10.21276/ijpaes Research article. Internationaljournal of Plant, Animal and environmental Sciences.	Impact Factor-1.6
	PHYSICO-CHEMICAL PROPERTIES OF WATER ARE THE INDICATORS OF THE WATER QUALITY – A CASE STUDY OF YELLANDA FRESH	ISBN 978-93-85518-10-2 proceedings International Conference on Biotechnology & Bioengineering - Trends. ICBT-2017 sponsored by TEQIP-II, JNTUH, Telangana State, India.	

	WATER FISH POND IN WARANGAL –		
	STUDIES ON SEASONAL VARIATIONS OF PHYSICO - CHEMICAL PARAMETERS IN A FRESH WATER LAKE AT UPPARAPALLE, WARANGAL DISTRICT, TELANGANA, INDIA -	ISSN: O: 2319-6475, ISSN: P: 2319-6505, Impact Factor: SJIF: 5.995 Available Online at www.Journalijcar.org Volume6; Issue 11;November 2017; Page No.xxxx DOI: http://dx.doi.org/10.24327/ijcar.2017.2346.0005	Impact Factor- 5.995
	WATER QUALITY ASSESSMENT IS A TOOL FOR THE MONITORING OF CULTURE POND –A STUDY OF UPPARAPALLE FRESHWATER LAKE OF WARANGAL DISTRICT, Special Edition, Jul 2018, 1-12 © Impact Journals () ZOOPLANKTON ABUNDANCE IN RELATION TO PHYSICO-CHEMICAL PROPERTIES OF FRESHWATER-ASSESSMENT OF A PERENNIAL LAKE AT URBAN AREA OF WARANGAL URBAN DISTRICT, TELANGANA STATE. www.iosrjournals.org	International Journal of Research in Applied, Natural and Social Sciences (IMPACT: IJRANSS) ISSN (P): 2347-4580; ISSN (E): 2321-8851	Impact Factor- 4.6148
	THE E- LEARNING - IS IT AN EFFECTIVE TOOL IN SHARING KNOWLEDGE IN HIGHER EDUCATION? A REVIEW.):	International Journal of Science and Research (IJSR) ISSN: 2319-7064 SJIF (2019	7.583
	Effect of chloropyriphos on esterase isozyme binding patterns in muscles and brain of fresh water cat fish Heteropneuastis fossilis	ISSN 2454-6348	
	Effect of chloropyriphos on Biochemical constituents of fresh water cat fish Heteropneuastis fossilis	ISSN 2231-2560	
	The anti fungal activity of skin secretion and it's extract of Indian Toad Bufo melanostictus	ISSN 2250-0065	
	Anti Bacterial Activity of Parotid gland secretion and its extract of the Toad	ISSN 2455-6378	

	melanostictus		
	Polyamine supplement to the diet Enhance larval and silk gland characteristics in Tasar Silkworm <i>Antheraea mylitta</i>	42 (17) 136-144, 2021 ISSn 0256-971X (P) Uttar Pradesh Journal of Zoology	

Faculty Participation in FDPs (Faculty Development Program, Seminars, Workshops etc.,

S. No.	Name of the Faculty & Designation	Program participated	Conducted University/ Organization/College with year and place.	Year
	U. Swamy	National Conference on Molecular BioTechnology.	NIT- National Institute of Technology, Warangal, India. https://drive.google.com/file/d/1mqSBHEgCCUhCnW0VNubcfi5jV-Tb00ji/view?usp=sharing	2019
	U. Swamy	Molecular Docking Studies in Drug Designing.	Kakatiya University, Warangal, India. https://drive.google.com/file/d/1gef7d23XeShe3hE5y5vScVDdU0n1Vn0B/view?usp=sharing	2019
	U. Swamy	Orientation Program on Research Methodology	Kakatiya University, Warangal, India. https://drive.google.com/file/d/1qGgvuwGvsheee_MhwVsk0CcCilONSMfe/view?usp=sharing	2019
	U. Swamy	Climate Change and its Impact on Animal Biodiversity-Seminar	Kakatiya University, Warangal, India. https://drive.google.com/file/d/1elkDjpc18RmQ2G_hJEpsJc37kKuJoN/view?usp=sharing	2019
	U. Swamy	Teaching and Learning	NIT- National Institute of Technology, Warangal, India. https://drive.google.com/file/d/1JB25SVsBXOKK0NlBSVu9P2UFg_XlHeKc/view?usp=sharing	2018

		molecular biology and Enzymology through Hands-on Session		
1	U. Swamy	Induction Training Program/ Orientation Course (OC).	NIT- National Institute of Technology, Warangal, India. https://drive.google.com/file/d/1KF5XQcyA9i3IN308hStNPh9U1qy8dCbj/view?usp=sharing	2017
2	U. Swamy	Refresher Course in Life Sciences (RC).	Moulana Azad National Urdu University, UGC Human Resorse Development Centre, Hyderabad, Telangana, India. https://drive.google.com/file/d/1cv8V6TBxoNXNDF1c_gWMMu7GTI5yQdwb/view?usp=sharing	2020
3	U. Swamy	FDP- Biomedical NanoTechnol ogy	NPTEL-AICTE Faculty Development Program https://docs.google.com/document/d/1ZHBR6Nc1e2qXajOo1-GZSrw4F3OINjPmqRJSYWRwKkk/edit?usp=sharing	2020
4	U. Swamy	Entrepreneur ship- Incubation and Innovation.	Teaching Learning Centre, Ramajujan College, University of Delhi, India sponsored by Ministry of Human Resource Development, India Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching. https://docs.google.com/document/d/1tiMt8dbXLPY9gnZqG2Eo6xC1AQRft_CpU5rioEzYeU/edit?usp=sharing	2020
5	U. Swamy	Open Source Tools for Research	Teaching Learning Centre, Ramajujan College, University of Delhi, India sponsored by Ministry of Human Resource Development, India Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching.	2020

			https://drive.google.com/file/d/1xZYWdvoaEWXT4ZR0EsHgiCIsyonCTOLd/view?usp=sharing	
6	U. Swamy	Current Progress and future perspective of Biotechnology	Chaithanya Bharathi Institute of Technology, Hyderabad, India. https://drive.google.com/file/d/1dATUzyFYbj6n2NF8PoWH02xgQk7opIEO/view?usp=sharing	2020
7	U. Swamy	Emerging Trends in Sciences- Usage of Research Tools and Techniques.	Vardhaman College of Engineering, Hyderabad, India. https://drive.google.com/file/d/126camKq1HglBh0VVfhq8d6PAslKH1aD/view?usp=sharing	2020
8	U. Swamy	Computational Biology-Workshop	Kakatiya University, Warangal, India. https://drive.google.com/file/d/1UfFuOas_aaOes5vLaa3Jo0orXVmD14Nx/view?usp=sharing	2020
9	U. Swamy	Current BioTech Research in Human Health.	JKKMMRF, s ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY- Tamilnadu, India. https://drive.google.com/file/d/1Y95ISsWqfNTA2EdUhhPiwH6aAzaRttfm/view?usp=sharing	2020
10	U. Swamy	ICT Tools in Higher Education	UGC- HRDC & RUSA Osmania University, Hyderabad, India. https://drive.google.com/file/d/1A6NMhpXcb7IwuVMMRexlnLkMvzFZ1Jhf/view?usp=sharing	2020
11	U. Swamy	Virtual Training Program on Quality Education.	Dr.MCR HRD Institute of Telangana. Hyderabad, India. https://drive.google.com/file/d/1y6n701Mu8IJ8Ar2RCyCA9Yg8B5LtVAA/view?usp=sharing	2021

12	U. Swamy	International Conference on Microplastics .	Vellore Institute of Technology, Andhra Pradesh, India. https://drive.google.com/file/d/1wYgX7CbQXy229KX9YcwDQop8E0G9RmMb/view?usp=sharing	2020
13	U. Swamy	International Webinar on Wild Life Conservation in India.	Mizoram University, Aizwal, India. https://drive.google.com/file/d/1rj2aQuWy66WzNJOUxv62mtQfpwUXTgZp/view?usp=sharing	2020
14	U. Swamy	Emerging Trends in Biotechnological Advancement- Challenges and Perspects in Human diseases.	NIT- National Institute of Technology, Warangal, India. https://drive.google.com/file/d/1kcHiN7EVxBawNlgkYWz7XjuGvwEMseri/view?usp=sharing	2020
15	U. Swamy	Research Process and Research Design in Science.	UGC- HRDC & RUSA Osmania University, Hyderabad, India. https://drive.google.com/file/d/1o15wtWIXpsPk8shKYfqlpXnjppAnJcEG/view?usp=sharing	2020
16	U. Swamy	Online Course Development, Design and Deliver.	UGC Human Resource Development, University of Hyderabad.	2020
17	U. Swamy	General Chemistry	Pingle Government Degree College, Hanamkonda, Telangana. https://drive.google.com/file/d/1D-	2020

			iFrBsbGKJe3EXIVgEwN6_N3Zhg0vj5/view?usp=sharing	
18	U. Swamy	Emerging Trends in Genetic Engineering	Chaithanya Deemed to be University, Hanamkonda. https://drive.google.com/file/d/1YNVKz7a0INu7eZZZXXIz1qBsbs9tVOc6/view?usp=sharing	2020

Number of PhDs awarded to the Faculty

S. No.	Name of the Faculty	Program participated	Conducted University/ Organization/College with year and place.
1	Dr. K. Sandhya	2019	Kakatiya University
2	Ch. Shanker	2020	Kakatiya University
3	U. Swamy	Pursuing	Kakatiya University

Academic Calendar of Department / Action Plans click link-

<https://ccets.cgg.gov.in/Uploads/files/buttonDetails/50874.pdf>

Syllabi of the Course-click link-

<https://gdcts.cgg.gov.in/OtherPages.edu?page=getButtonDetails¢reId=54&id=12166>

Rules and Regulation to be followed to complete the course click link-

https://kakatiya.ac.in/web/course/45_UGRULESREGULATIONS20192020.pdf

CBCS Credits System-

University Almanacs-

1. 2015-16- <https://ccets.cgg.gov.in/Uploads/files/buttonDetails/44383.pdf>
2. 2016-17- <https://ccets.cgg.gov.in/Uploads/files/buttonDetails/44385.pdf>
3. 2017-18- <https://ccets.cgg.gov.in/Uploads/files/buttonDetails/44386.pdf>
4. 2018-19- <https://ccets.cgg.gov.in/Uploads/files/buttonDetails/44387.pdf>
5. 2019-20- <https://ccets.cgg.gov.in/Uploads/files/buttonDetails/44388.pdf>
6. 2020-21- <http://gdcts.cgg.gov.in/OtherPages.edu?page=getButtonDetails¢reId=54&id=14181>
7. 2021-22- <https://ccets.cgg.gov.in/Uploads/files/buttonDetails/51550.jpg>

Students Study Projects

S. No.	Year	Title of the Project	Participated Students
1	2016-17	Estimation of Blood pressure to the college students	65
2	2017-18	Comparative study of Soil humus (Organic matter) in Different crop fields and forest soil of Eturnagaram	25
3	2018-19	Identification of Blood Groups in College students	35
4	2019-20	The major threat of extinction to Tropical Tasar culture in forest-based ecosystems of Eturnagaram wild regions, JS Bhupalpally District: An analytical survey on silkworm- <i>Antheraea mylitta</i> .	36

Number Teachers Received Awards for Teaching Research and Innovation:

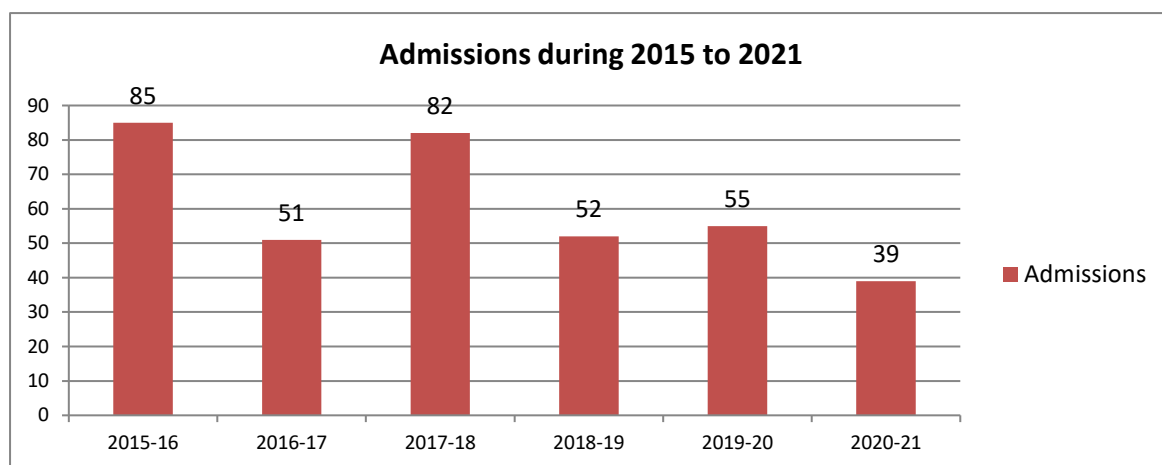
S. No.	Name of the Faculty	Award Received	University/ Organization/College donated and year
1.	U Swamy	Best Presentation award in National Seminar in 2019	Kakatiya University, Warangal, India.
2.	U Swamy	NPTE-AICTE- Biomedical Nano Technology. Silver Medal in Faculty Development program in 2020	All India Council for Technical Education via IIT Rurkee.

Students Progression in Higher Education

S. No.	Year	Name of the	Name of the Institute Joined	Specialization
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		Student		
1	2019	Koram Janaki	New Since PG College, Hamakonda	MSC Zoology
2	2019	Sadam Lavanya	New Since PG College, Hamakonda	MSC Zoology
3	2019	Battu Namratha	Jayamukhi College of Teacher Education, Narsampet	Bachelor of Education
4	2020	Nuthi Sanghavi	Pingle Government PG College, Hanamkonda	MSC Zoology
5	2020	Peddaboina Sindhu	Pingle Government PG College, Hanamkonda	MSC Zoology

Students Admission during last five years



Curriculum planning and implementation-

Website link- <https://ccets.cgg.gov.in/Uploads/files/buttonDetails/51713.pdf>

Departmental Time Table-

GOVERNMENT DEGREE COLLEGE, ETURNAGARAM, MULUGU DIST.									
B.Sc, BZC, TIME TABLE : 2019-20									
DAY	GROUP	PERIOD	I	II	III	IV	V	VI	VII
		YEAR/TIME	10:00- 10:50	10:50 - 11:40	11:40 - 12:30	12.30-1.20			
MON	I				ZOO-I			TSKC	
	II			ZOO-III		ZOO-II			
	III							TSKC	
TUE	I			ZOO-I	ZOO-II				
	II		SEC-II			ZOO-III			
	III								
WED	I		ZOO-I		ZOO-II				Zoology-III lab
	II					ZOO-III			
	III					ZOO-I			
THU	I			ZOO-II					Zoology-III lab
	II				ZOO-III				
	III								
FRI	I								Zoology-I lab
	II								
	III			ZOO-III					
SAT	I								
	II			ZOO-VI					Zoology-II lab
	III								



B. Sulekha
PRINCIPAL
 Government Degree College
 ETURNAGARAM
 Mulugu Dist-506165

GOVERNMENT DEGREE COLLEGE, ETURNAGARAM, MULUGU DIST.									
B.Sc, BZC, TIME TABLE : 2018-19									
DAY	GROUP	PERIOD	I	II	III	IV	V	VI	VII
		YEAR/TIME	10:00- 10:50	10:50 - 11:40	11:40 - 12:30	12.30-1.20			
MON	I				ZOO-I			TSKC	
	II			ZOO-III		ZOO-II			
	III							TSKC	
TUE	I			ZOO-I	ZOO-II				
	II		SEC-II			ZOO-III			
	III								
WED	I		ZOO-I		ZOO-II				Zoology-III lab
	II					ZOO-III			
	III					ZOO-I			
THU	I			ZOO-II					Zoology-III lab
	II				ZOO-III				
	III								
FRI	I								Zoology-I lab
	II								
	III			ZOO-III					
SAT	I								
	II			ZOO-VI					Zoology-II lab
	III								



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 ETURNAGARAM
 Mulugu Dist-506165

Classroom with ICT/ Digital Learning

Youtube-

1. https://studio.youtube.com/channel/UCd_sUgyqJk_BQp805EM0AJQ/videos/upload?filter=%5B%5D&sort=%7B%22columnType%22%3A%22date%22%2C%22sortOrder%22%3A%22DESCENDING%22%7D

2. https://docs.google.com/spreadsheets/d/1AfUn3w_ESRP-9HtSD3sY1f0fldMtJyGadUMyZuTBADQ/edit?usp=sharing

Departmental Results

No. of Functional MoUs

S. No.	Name of the Institution/ Company/ Organization	Purpose of the Collaboration	Duration of the MoU
1	Kakatiya Government degree and PG College, Hanamkonda	Development of Academic Cooperation/ Teaching- Learning activities	5 years.
	Government degree College, Narsampet	Development of Academic Cooperation/ Teaching	5 years
Uy7h	Government degree College, Mulugu	Development of Academic Cooperation/ Teaching	5 years
	Government degree College, Bhupalpally	Development of Academic Cooperation/ Teaching	5 years
	Vagdevi Degree and PG College, Hanamkonda.	Development of Academic Cooperation/ Teaching	5 years

Departmental Laboratory/ Experimental Learning

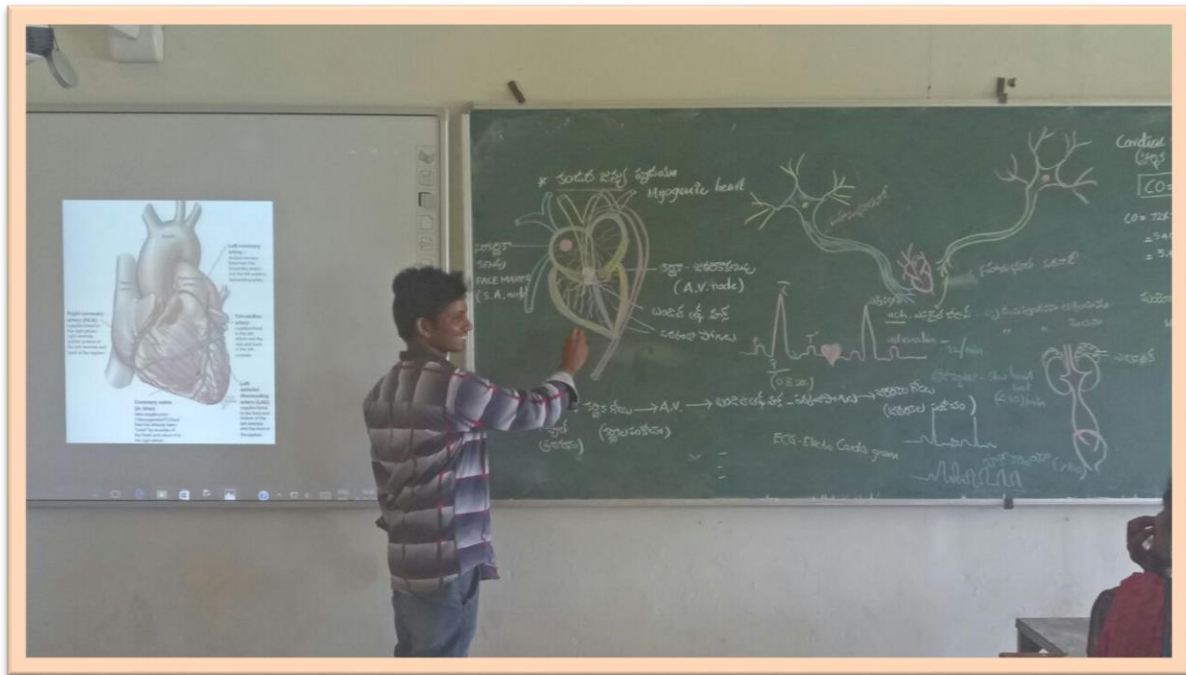


Experiential Learning/ Field trips





Student Seminars/ workshops





to their presentation. But finally they were successful in their presentation. Their presentation with the help of their



ACTIVE PARTICIPATION OF
STUDENT IN SEMINAR

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ACTIVE PARTICIPATION OF STUDENT IN SEMINAR

BZC-II yr students explained about their topics with the help of charts. usage of black board also very well.

They clarified some doubts of students. Finally they were success in their presentation.

Totally 21 students and lecturers are participated in this student seminar.

Saree

Sign of the Lecturer



Temperature : -273.15°C
Accuracy : 2700.0
time : 2020-01-29 11:33:22
longitude : 80.423785
latitude : 18.325511
null,Akulavari Ghanapuram,Telang



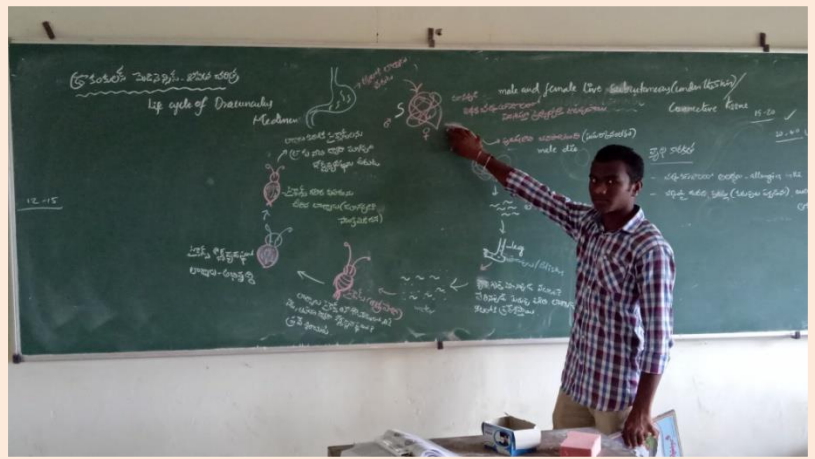
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Accuracy : 98.4
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latitude : 18.3254081
null,Akulavari Ghanapuram,Telang

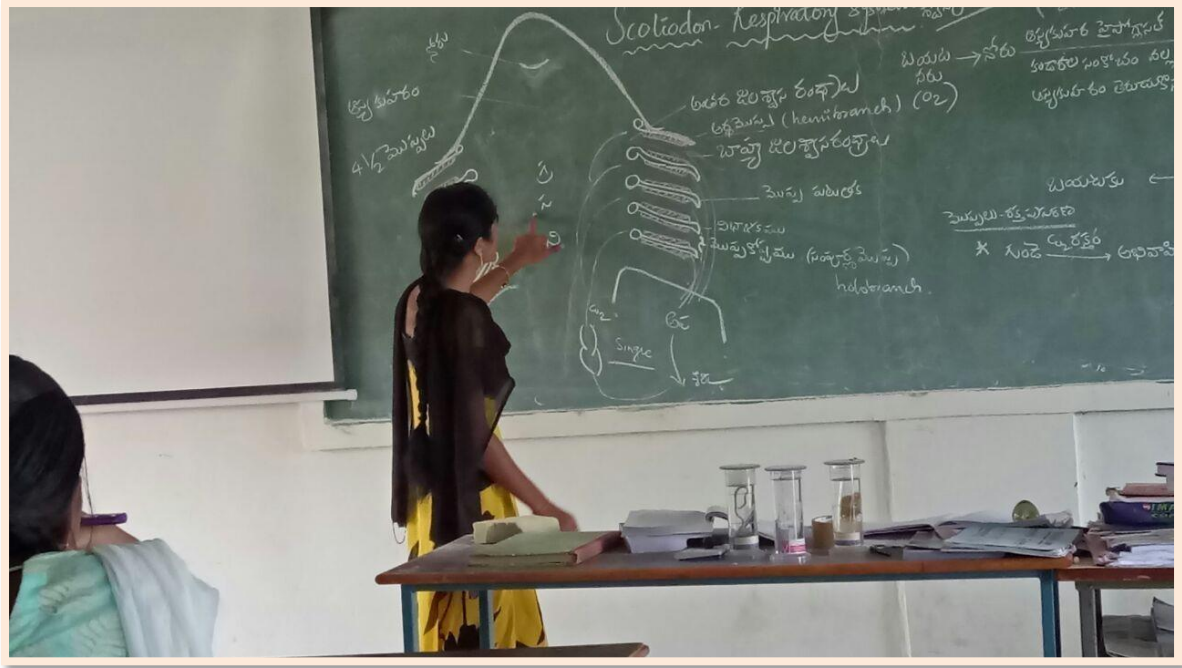


Temperature : -273.15°C
Accuracy : 77.6
time : 2020-01-29 12:34:14
longitude : 80.4186719
latitude : 18.3254081
null,Akulavari Ghanapuram,Telang



Temperature : -273.15°C
Accuracy : 56.1
time : 2020-01-29 12:36:50
longitude : 80.4186719
latitude : 18.3254081
null,Akulavari Ghanapuram,Telang





Certificate Courses offered

S. No.	Name of the Certificate course	No. of students Enrolled and completed the Certificate Course	Academic Year
1	Certificate course in Sericulture	26	2019-20
2	Sustainable Tourism Management	185	2018-19

Participation of Students and faculty members in Social responsibility and outreach programs





Career Cancelling and Special Coaching for Higher Education

Remedial class for
II semes failed candidates

Name	H.No.	Subject
J. pranathi	389-18-3021	Zoology
J. Kaitha	389-18-3020	Zoology
Ch. Roshini	389-18-3007	Zoology
Ch. Vinod	389-18-3008	Zoology



II Semester failed candidates
in Remedial class

DEGREE COLLEGE
ETUMAGARAM

Beenuka
Principal
Government Degree College
Etumagaram
Dist. Mulugu

MSc Zoology - Entrance Examination

Special coaching classes

2018-19

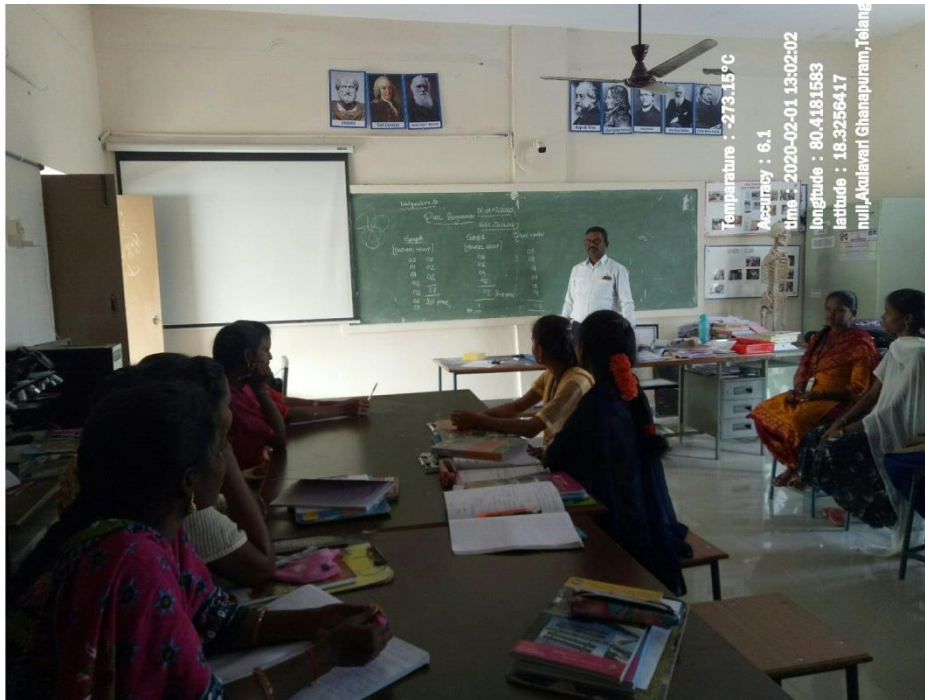
Name	H.T. NO	Signature
B. Namratha	389-17-3003	Namratha
M. Bheemeswari	389-17-3029	Bheemeswari
K. Srujanakumari	389-17-3020	Srujana
K. Ramakumari	389-17-3025	Ramakumari
B. Durgesh	389 006173108	Durgesh
L. Kiran	280-17-3024	Kiran
B. Ruchitha	389-17-3004	Ruchitha
J. Kalyani	389-17-3017	Kalyani
J. Nagalaxmi	389-17-3016	Nagalaxmi
K. Ravali	389-17-3026	Ravali



[Signature]
PRINCIPAL
Government Degree College
TUMKUR
Dist. MULBAGI

[Signature]
DEGREE COLLEGE

Quiz and Group Discussions





Temperature : -273.15°C

Accuracy : 3.9

time : 2020-02-04 11:45:53

longitude : 80.418844

latitude : 18.3253768

null,Akulavari Ghanapuram,Telang





Temperature : -273.15°C

Accuracy : 741.35

time : 2020-01-24 12:20:43

longitude : 80.418955

latitude : 18.3251017

null,Akulavarl Ghanapuram,Telang



Temperature : -273.15°C

Accuracy : 10.0

time : 2020-02-01 12:29:31

longitude : 80.4187082

latitude : 18.3254949

null,Akulavari Ghanapuram,Tejanga



Remedial Classes-



Temperature : -273.15°C

Accuracy : 3.9

time : 2020-02-04 11:45:53

longitude : 80.418844

latitude : 18.3253768

null,Akulavari Ghanapuram,Telang

Smart Classes



3. Program Details

Course	Duration	Subjects	Class Particulars	
			Year	Strength
B.Sc. BZC.	3 years	Botany	BZC-I year	60
		Zoology	BZC-II year	93
		Chemistry	BZC-III year	53
		Computer Science		

4. RESOURCES:

- Dedicated Lecturers
- Well equipped Laboratories
- Smart/ Digital class rooms
- Seminar Hall
- Unique Zoological museum
- Fully fledged Library with huge number of Books
- Separate Computers with Internet facility
- Sophisticated instruments in Research Lab



6. DETAILS OF THE INFRASTRUCTURE OF THE DEPARTMENT:

a. Laboratory:

The Department of Zoology maintains a “State of the art Lab” Lab with modular furniture & sophisticated equipment.



b. ICT learning: Smart boards and network facility contribute to effective teaching and learning activity.

c. Departmental Library:

The Department has a well-stacked library for graduate students with more than 200 books.

- i. Magazines : 02
- ii. Telugu Academy text books : 200
- iii. Vikas text books : 16
- iv. Reference books : 10
- v. Charan publications study materials : 04
- vi. Prepared Xerox material in topic wise : 02 (copies)

d. Additional Library Services:

Current awareness services, References, News paper clipping services, LCD projectors & Internet facility available.

e. Science Fair:

The Zoology department put up a number of exhibits, live demonstration, working models & charts etc., show-casing the recent advances and innovative aspects of various fields of Science.

f. PROJECT WORKS:

Students are given project works to fulfill the learning and to motivate them for innovation and creativity, scientific learning.



**STUDENTS COLLECTING WATER SAMPLE
TO ESTIMATE POLLUTANTS.**

g. Field Trips:

- The Department of Zoology organizes field trips every year.
- In 2016, 2017 Students were taken to the museum medical college, M.G.M. Hospital, Warangal, Agricultural Research Laboratory, Warangal, University laboratories of Kakatiya University Warangal.
- In 2018 Students were taken to local forest areas and departments.
- In 2018 Students were taken to Tasar Silkworm sericulture units practiced by Tribal communities in deep forest areas of Eturnagaram Abhayaranyam.



h. Academic Activities:

- i. Apart from the regular theory & Practical classes the students of this department have opportunity to explore the innovative academic thinking through participation in seminars, quiz contest, Group discussion, Elocution & Debate organized by the department periodically.
- ii. Besides regular classes department conduct special classes and remedial classes for academic improvement of the students.
- iii. **Learning by doing** is passion of teaching in Department. Practical and demonstration at least inoculated into every class.



- iv. MoU programs conducted with other Institutions.



MoU with PINGLE College Warangal on Sericulture in December 2019.

- v. Conduct of study tours has been made compulsory involving final year students to provide practical experience, social relevance and exposure.
- vi.
- vii. Extension lectures are conducted for strengthening learning activity.



EXTENSION LECTURE ON NERVOUS SYSTEM

- viii. The e-class rooms & Internet access to all students provide effective and innovative learning and capacity build up to students.
- ix. Continuous evaluation in Department is major cause of success.
- x. Model competitive examinations also conducted for aspirants.



CONDUCT OF MOCK TEST FOR M.Sc. ENTRANCE.

- xi. Health camps are arranged and medical record of the students is maintained. Almost all clinical pathology tests were conducted by the Department including **blood donation camp**.



- xii. Using of Audio-Visual teaching aids like over head PPTs ,videos, animations, Computer, Laptop, Charts, Models & specimens etc.█

i.Awareness Programs:

- xiii. We are planning to visit villages along with NSS volunteers to bring awareness among the rural mass about the dreadful diseases like AIDS, DENGUE, MALARIA, CHICKEN GUNYA, HEPATITIS –B, etc. and educate them regarding the precautions and eradication methods required to be taken to avoid such diseases.
- xiv. We conduct at least one health camp in the villages in one academic year involving senior doctors to be sponsored by Eturunagaram, Government Hospital for Polio Vaccination.
- xv. Cancer awareness, Consumer awareness and impact of Environmental pollution awareness programs were also undertaken.
- xvi. Department along with the NSS volunteers participate actively in Greenery Plantation in Haritha Haram not only in the college campus but also in streets of Eturunagaram. This practice has been taking part from 2016 onwards till this year including conduct of awareness programs among village people. Seminars conducted on significance of Biodiversity.



PARTICIPATION IN HARITHA HARAM.

- xvii. Stress management programs conducted periodically.
- xviii. Yoga awareness activities also conducted.

j. Community Services:

- xix. As a community service the students of B.Sc. (BZC) visit the slum villages to check Blood Pressure, estimate the Hemoglobin percentage and blood groups of the people of that area.
- xx. Blood donation camps have been organized in each camp nearly 50-60 volunteers/students have donated blood.



- xxi. AIDS awareness, Eye checking, clean & green, Literacy development programs were conducted by our students in the nearby rural areas.
- xxii. Students of department conducted food festival in college campus with the co-ordination of WDCW (women development and Child Welfare) in 2019.



FOOD FESTIVAL

EXPOSURE INNERSKILLS OF STUDENTS:

Students of B.Z.C. participate in preparation of bangles and bags with **low cost and no cost** materials.



**EXHIBITION OF PREPARED BANGLES, BAGS
AND FLOWER VASES BY B.Z.C. STUDENTS IN**

k.Extra – Curricular Activities:

- xxiii. Provision of special coaching classes for M.Sc. Zoology & B.Ed. (Bioscience) aspirant students.
- xxiv. Teachers day celebration by the students, Environmental day & science day conducted.
- xxv. Participation of students in sports games in university level.
- xxvi. Introduction of computer education to select the students.
- xxvii. Basic computer training programs can be offered to all the students.
- xxviii. The use of mobile phones can be restricted to avoid the distractions of the students by introducing few P.C.O. coin box phones on the campus.
- xxix. Special welfare committee for girls & e-learning using modern methods.



MANA TV LIVE PROGRAMME

l.Social Activities:

- xxx. To inculcate work culture among the students by involving them at least once in a fortnight in cleaning and greening the college and other social institutions rendering free services to the society.
- xxxi. Blood donation camp has been organized once in a year in college.
- xxxii. Awareness camp on seasonal & communicable diseases and HIV-AIDS.

- xxxiii. Conducted special camps to give awareness among people to reduce the air pollution, water pollution & usage of plastic materials.
- xxxiv. Students and Teachers of the department participate in **State Festivals** actively.



Celebrations of Bathukamma in college, 2017

- **Details of the Plans of the Institution for the Year 2020-21:**

Our department has a vision of improving creativity, innovation in skill enhancement and employability of youth and thus committed to provide all necessary facilities to the teachers to offer practical orientation in order to impart latest knowledge to the students.

xxxv. To educate the students towards career focus, the placement cell facility may be extended to all students.

- **COLLEGE DEVELOPMENTAL ACTIVITIES:** Department also take major part in conduct of awareness programs in villages about the Educational facilities to the parents and new students especially for drop outs and to increase female literacy.



COMPAINING IN VILLAGES

- **DEPARTMENT TEACHERS- RESEARCH AND DEVELOPMENT:**

Lecturers of the department always collaborate their knowledge with continuous research:



Lecture receiving best paper presentation award from NIT Warangal on research in Molecular Biology.

• **PLAN OF ACTION FOR NEXT 5 YEARS:**

- a. Plan to start diploma and certificate courses related to life sciences i.e. Sericulture, vermin culture and Bio informatics.
- b. Plan to set up a new Microbiology, Biochemistry and Molecular Biology laboratory.
- c. Plan to establish Zoology P.G.Course.
- d. Plan to strengthen the alumni association of the department.
- e. Professional, Personal & Medical counseling may be offered to the students.
- f. Informal & formal training on essentials of Soft Skills & information technology.
- g. Basic computer training programs can be offered to all the students.
- h. Workshops to be planned in molecular biology and bio technology.
- i. Seminars to be scheduled in life sciences.

• **STUDENT'S PROFILE:**

Students Particulars in B.Sc. (B.Z.C):

(2007-08, 2008-09, 2009-10, 2010-11, 2011-12, 2012-13, 2013-14.)

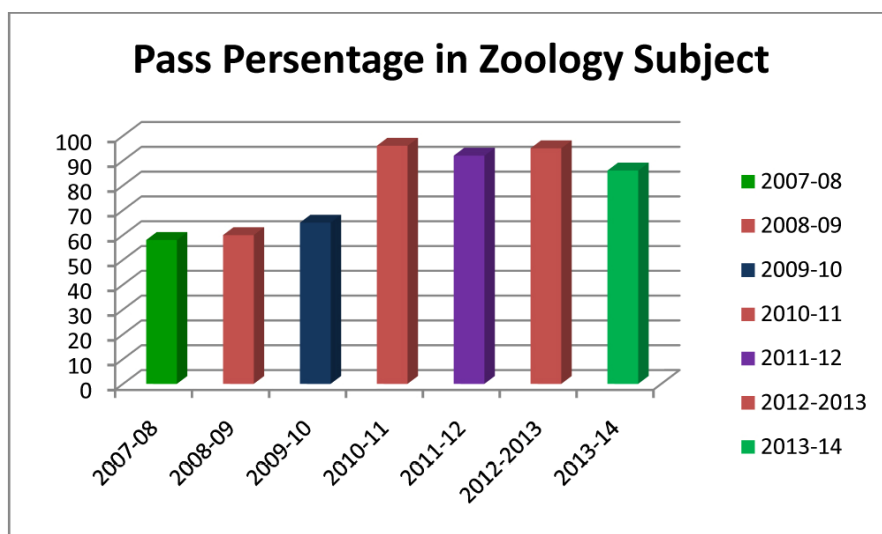
(Table, Histograms, Pie diagrams.)

Sl. No	Details	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
1	Student's Strength B.Sc. (BZC) Course	27	19	29	68	51	71	95
2	Average marks at the time of admission	50	52	55	56	52	62	60
3	Dropout rates in (%)	3	2	4	4	5	4	3

4	Pass percentage in Zoology Subject	58%	60%	65%	96%	92%	95%	86%
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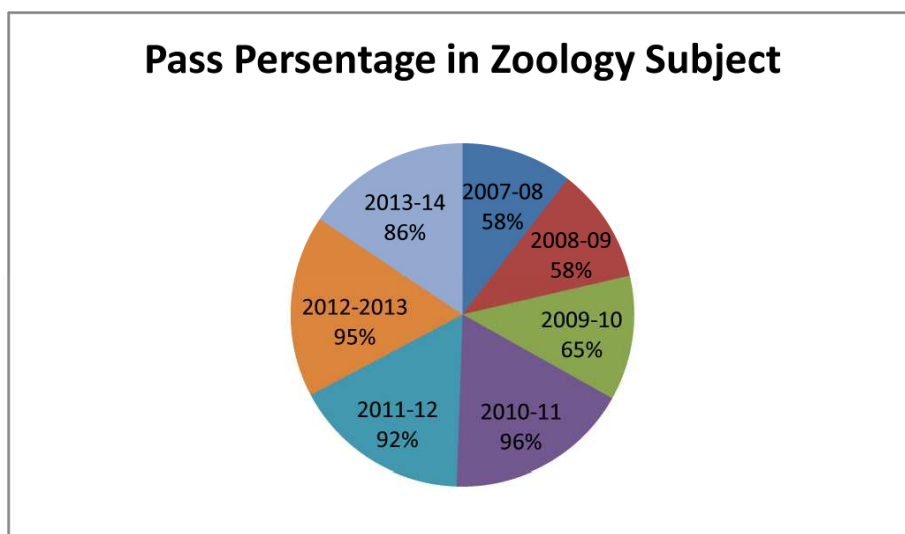
9. STUDENT'S ENROLLMENT DETAILS IN B.SC.(BZC) COURSE:

(2007-08, 2008-09, 2009-10, 2010-11, 2011-12, 2012-13, 2013-14)



Pass Percentage In Zoology Subject:

From the Academic Year 2007 to 2014.



10. STUDENT'S ACHIEVEMENTS:

- 30 Students joined in B.Ed.
- 15 Students done P.G. in Zoology
- Many of Students selected in ARMY, CRPF, VRO & APPSC-Group Jobs.

11. Staff Details:



Complete Name : Swamy Uppula
Father's Name : Bhadraiah
Designation : Asst.Professor of Zoology
Qualification : M.Sc. Zoology KU (Gold Medalist), SET & (PhD)
Date of Birth : 02 October 1977
Date of Joining : 31st July 2016
Teaching Experience : 04 years in Degree College 4 years in Junior college & 5 years in High School Education.

Contact us at: 9701913789 **e-mail:** swamyuppula2013@gmail.com