

# DEPARTMENTAL PROFILE

UG

2018-2024



**Head of the Department : Dr SRIVANI SESHAM (2017-TILL DATE)**

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## History of the Department

- The Birth of the Department of Zoology is synonymous with the birth of the College. The Department of Zoology was started in the year 1957 for the Pre University Course.
- Undergraduate Courses in the discipline of Science were introduced in the year 1962.
- Post Graduate course in Zoology was introduced in the year 1991-92 to cater to the demanding requirements of higher education for women.
- The faculty have published papers in National and International journals
- The faculty members have been resource persons for various conferences, seminars.
- The faculty are members of examination committees in Constituent, Autonomous and affiliated colleges.
- The Faculty are ever updating their knowledge in the latest innovations in the subject by attending and organising Seminars, Conferences and Workshops to cater to the needs of the students.
- Five of our faculty members served as Principals, Vice Principals and PG Directors of this institution.
- Four of our faculty members Dr. Amtul Aziz, Dr Priyadarshini Kapadia,
- Dr M. Jaya Devi and Dr G. Y. Bharghavi were proud recipients of state Best teacher Award.
- The department has well equipped laboratories. The department of Zoology has well-established and fully equipped Sericulture lab.
- The Department has one of the best museum with its rich and varied collection of specimens. Specimens of Reptiles, Birds and Mammals were collected from the Nehru Zoological park of Hyderabad on request. The stuffed vertebrate animal specimens were prepared with the help of curator of Salar Jung Museum Hyderabad.
- Alizarin transparencies of fishes were also prepared by Dr Amtul Aziz who was the pioneer of the department.
- Three of our faculty members Dr C. Manjusha, Dr. D. Suneetha Devi and Mrs N. Shilaja Yougenter have successfully completed minor research projects sanctioned by UGC.

## Highlights of the Department

- Department has highly qualified and experienced faculty headed presently by Dr.SRIVANI SESHAM.
- Department of zoology PG maintains a track record of students achieving university gold medal for toppers in the subject for three consecutive years which is a commendable achievement.
- To keep abreast with the latest development in science and technology, the department has conducted national seminars and faculty development programmes and workshop .
- The Department also organises educational fieldtrips in the concerned paper to various places where they get hands on practical experience of the subject like aquaculture farms, Sericulture units and wildlife sanctuaries.
- Students are also taken to various esteemed institutions like CCMB ,NIN etc for inspiring them to take up Research activity in their future.
- Post graduate students are guided for projects at Institutes like Zoological Survey of India, National Institute of Nutrition etc
- Faculty of Zoology have also guided students of other colleges for their projects.
- Department of zoology also has an memorandum of understanding with Cytomol labs, Hyderabad.
- Students are given hands on experience and training in various laboratory techniques at cytomol labs with whom we have a memorandum of understanding(mou).
- The department has successfully conducted a 6 day faculty development programme on “Molecular and Cytological Techniques” in collaboration with Cytomollabs,Hyderabad.
- One of our faculty Dr N.ShilajaYougender has been awarded with the Ph.D degree by Osmania university in the month of may2023. Another faculty Mrs k.Madhumathi has submitted the thesis for the award of ph.d and is waiting for the reports.
- Dr.S.Srivani ,Head Department of Zoology has authored Textbooks for Undergraduate curriculum.
- The Department also maintains a Vermicomposting pit to train girls in preparing organic manure using dry waste.
- By constituting a animal welfare club the department conducts pet shows, visit to zoo for creating awareness about wildlife and Educate students about animal welfare.
- Outreach programmes are also conducted by our pg faculty by visiting government schools and various slides and specimens were shown and explained.
- Department also conducted inter collegiate competitions for students in making low cost working model making as part of National Science Day celebrations. These models were donated to government.schools where they are used as Aids to explain the subject.

## **VISION**

**To sensitize conservation of Fauna.**

## **MISSION**

**To develop scientific temperament and technological skills in attainment of animal welfare**

## LIST OF EXISTING STAFF

### Teaching staff

S.No.	Name of the Faculty	Qualification	Designation	Experience
1.	Dr. Sesham Srivani	M.Sc , B.Ed, Ph.D, MBA, DAST(CMC)	Associate Professor. Head of the Department	30Yrs
2.	Dr.N.Shilaja Yougender	M.Sc,Ph.D	Associate Professor.	21 Yrs
3.	Mrs. K. Madhumathi	M.Sc, B.Ed, DNHE (Ph.D)	Associate Professor.	19 Yrs
4.	Mrs. Prashanthi	M.Sc, B.Ed.	Assistant Professor	7 Yrs

### Non -Teaching staff

s.no	Name	Qualification	Designation	Experience
1	M.Vani Madhavi latha	B.A,B.Sc (BZC)	Lab assitant(ug)	14yrs
2	K. Sampoorna	M.sc	Lab assitant(pg)	2yrs
3	B.Narsing	7 <sup>th</sup> class	Attender	28yrs
4	G.Sumitra	10 <sup>th</sup> class	Ayyah	26yrs
5	T.Vani sree	7 <sup>TH</sup> CLASS	Ayyah	17yrs

## Combination offered in UG

**BZC**

**BZAN**

**MBZC**

**MBZAN**

**ZCAN**

## Courses offered in UG program B.Sc

S.No	Course	Theory	Practical
1	COURSE-I	Animal Diversity - Invertebrates	Animal Diversity - Invertebrates
2	COURSE -2	Animal Diversity - Vertebrates	Animal Diversity - Vertebrates
3	COURSE -3	Animal Physiology and Animal Behaviour	Animal Physiology and Animal Behaviour
4	SEC-1 COURSE -4	Sericulture Cell Biology, Genetics and Developmental Biology	Cell Biology, Genetics and Developmental Biology
5	SEC-3 COURSE -5	Vermiculture Physiological Chemistry & Endocrinology/Laboratory Animals Maintenance & Applications/Immunology and Animal Biotechnology	Immunology and Animal Biotechnology
6	GE-I COURSE -6  Optional paper	IPM Ecology, Zoogeography & Evolution. Tools and Techniques in Biology.	Ecology, Zoogeography and Evolution

STUDENT STRENGTH

<b>YEAR</b>	<b>STRENGTH (I , II &amp;III YR)</b>
2024 - 2023	425
2023 - 2022	448
2022 - 2021	434
2021 - 2020	449
2020 - 2019	409
2019 - 2018	376



### TIME TABLE – 2023 -2024

		1	2	3		4	5	6
<b>MONDAY</b>	I yr	←---E(pr)---F( x )---G( mm )----- →			L	B-Mm	C-Pr	
	II yr			C-Sh		←-----J( sv )-----K(sh )----- -----→SEC-Pr		
	III yr	B-Sv	C-Sh				C-Pr	
<b>TUESDAY</b>	I yr	←-----H( sh )-----I( pr )-----→			U			
	II yr					SEC-Pr	B-Sv	
	III yr	C-Sh,B-Mm			N		C-Pr	
<b>WEDNESDAY</b>	I yr	C-Pr	B-Mm	GE-Pr	C			
	II yr	B-Sv						
	III yr				H	←---E( sv )-----F( sh )-----G( mm )----- --→		
<b>THURSDAY</b>	I yr	←-----J( pr )-----K( x )----- →  GE-Pr						
	II yr	C-Sh						
	III yr	B-Sv	B-Mm		←-----H( sv )-----I( sh )-----J( mm )----- ----→			
<b>FRIDAY</b>	I yr		B-Mm			C-Pr		
	II yr	B-Sv	C-Sh		←-----E( sh )-----F( mm )----- ----→			
	III yr			C-Pr				
<b>SATURDAY</b>	I yr		C-Pr	B-Mm				
	II yr	B-Sv,C-Sh,			←---G( sv )-----H( mm )-----I( pr )----- --→			
	III yr							

## **TEACHING METHODS AND AIDS**

- **CHALK AND BOARD**
- **POWERPOINT PRESENTATIONS**
- **ZOOM SESSIONS**
- **YOUTUBE**
- **FIELD VISITS**
- **QUIZ**
- **GROUP DISCUSSIONS**
- **WORKSHOPS**
- **CHARTS**
- **SLIDES AND SPECIMENS**

## **STUDENT EVALUATION METHODS**

- Regular class tests , assignments ,Internal assessments, Student Seminars
- Each faculty member is assigned a set of students for mentorship in Undergraduate and Postgraduate programs.
- Slow learners are assigned remedial classes, assignments, seminars, and regular tests.
- Advanced learners have access to extra library books.

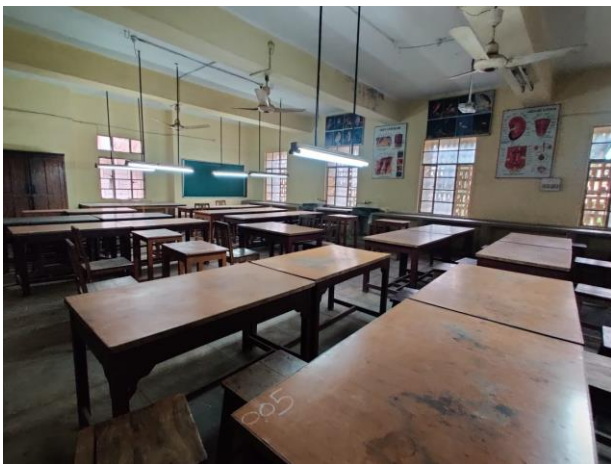
## Infrastructure



Zooology Museum



Sericulture Lab



LAB 1



LAB 2



RESEARCH LAB

<b>List of LIBRARY BOOKS added during 2018-2024</b>			
<b>S.No</b>	<b>Book No</b>	<b>Author</b>	<b>Title</b>
1	59119	Verma P.S	A manual of Practical Zoology Invertebrates
2	59120	Verma P.S	A manual of Practical Zoology Invertebrates
3	59121	Verma P.S	A manual of Practical Zoology Invertebrates
4	59122	Verma P.S	A manual of Practical Zoology Invertebrates
5	59123	Verma P.S	A manual of Practical Zoology Invertebrates
6	59124	Verma P.S	A manual of Practical Zoology Invertebrates
7	59125	Verma P.S	A manual of Practical Zoology Invertebrates
8	59126	Verma P.S	A manual of Practical Zoology Chordates
9	59127	Verma P.S	A manual of Practical Zoology Chordates
10	59128	Verma P.S	A manual of Practical Zoology Chordates
11	59129	Gupta P.K	Genetics
12	59130	Gupta P.K	Genetics
13	59131	Gupta P.K	Cell & Molecular Biology
14	59132	Gupta P.K	Elements of Biotechnology
15	59133	Nandini Shetty	Immunology Introductory text book
16	59134	khan & Khanum	Fundamentals of Biostatistics
17	59135	khan & Khanum	Fundamentals of Biostatistics
18	59136	Ranganathan L.S	Vermibiotechnology from soil health to human health
19	59137	Ranganathan L.S	Vermibiotechnology from soil health to human health
20	59138	Gaur P.K	Applications of Biotechnology in Agriculture
21	59139	Kumar's	Immunology

<b>LIST OF BOOKS</b>			
<b>S.NO</b>	<b>AUTHOR NAME</b>	<b>TITLE OF THE BOOK</b>	
1	RASTOGI	PRACTICAL ZOOLOGY VERTEBRATE	10
2	RASTOGI	PRACTICAL ZOOLOGY INVERTEBRATE	10
3		ANIMAL PHYSIOLOGY	1
4	TELUGU ACADEMY	JANTHU SASTRAM - PAPER III	5
5	TELUGU ACADEMY	TELUGU ACADEMY -PAPER IV	5
6	TELUGU ACADEMY	B.SC ZOOLOGY - PAPER III	10
7	TELUGU ACADEMY	B.SC ZOOLOGY - PAPER IV	10
8	S.S.LAL & S.KUMAR	IMMUNOLOGY	1
9	P.D.SHARMA	ECOLOGY AND ENVIRONMENT	1
10	P.K.GUPTA	CYTOLOGY,GENETICS & EVOLUTION	1
11	PANDEY SHUKLA	FISH AND FISHERIES	1
12	GOEL & SHARTHI	ANIMAL PHYSIOLOGY	2
13	SHUKLA & UOADHY	ECONOMIC ZOOLOGY	2
14	P.K.GUPTA	ELEMENTS OF BIOTECHNOLOGY	3
15	IAN RTIZARD	IMMUNOLOGY	1
16	P.S.VERMA	A MANUAL OF PRACTICAL ZOOLOGY - INVERTEBRATES	15
17	VERMA	A MANUAL OF PRACTICAL CHORDATE ZOOLOGY	15
18	TELUGU ACADEMY	ANIMAL DIVERSITY - VERTEBRATES &DEVELOPMENTAL BIOLOGY	10
19	NEILSEN SCHMIDH	ANIMAL PHYSIOLOGY AND ENVIRONMENT ADAPTER	3
20	SOBTI RC	ANIMAL PHYSIOLOGY	3
21	P.K.GUPTA	GENETICS	1
22	P.K.GUPTA	ELEMENTS OF BIOTECHNOLOGY	1
23	SINGH & TOMER	CELL BIOLOGY	1
24	SRIVASTAVA	ELEMENTS OF BIO CHEMISTRY	1
25	PANDEY K.SHUKLA	FISH AND FISHERIES	1
26	VERMA P.S.	A MANUAL OF PRACTICAL ZOOLOGY INVERTEBRATE	2
27	VERMA P.S.	A MANUAL OF PRACTICAL ZOOLOGY VERTEBRATE	6

### LIST OF EQUIPMENT - 2018-2024

<b>ZOOLOGY</b>	<b>PARTICULARS</b>	<b>QTY</b>
	1.Photo Electric Calorimeter	2 No
	2.Calorimeter 8 filter	6 No
	3.Auto Clave	1 No
	4.Remicentrifuge	1 No
	5.Water Bath	2 No
	6.Microscopes	30 No
	7.Microtone	1No
	8.Digital Calorimeter	2 No
	9.Tri ocular Microscope	1 No
	10.LCD Projector	2 No
	11.Magnetic Stirrer	1 No
	12.Micro Centrifuge	1 No
	13.Vertical Electrophoresis	1 No
	14.Column-chromotography	1 No
	15.HP-1020 Plus printer	1 No
	16.Dell projector	1 No
	17.Assembled (CPU)	1 No
	18.Ultrasonic bath 21Ihs	1 No
	19.Horizontal Electrophoresis	1 No
	20. Digital Electrophoresis	1 No
	21.Vortex Cyclomixer	1 No
	22.Heating Mantle	1 No
	23.Digital Camera	1 No
	24.Binocular Microscope	4 No
	25.Dissecting Microscope	20 No
	26.Digital Calorimeter 8 filters/Systronics 113	5 No
	27.Heamoglobinometer	10 No
	28.Burettes	25 No
	29.Burette stands	25 No
	30.Water bath 6 holes	2 No

## **PROGRAMME OUTCOMES**

PO1 : Bachelor of Science focuses in inculcating theoretical as well as practical knowledge about living organisms and their nutritional needs. Students will learn how to treat plants and animals humanitarially and ethically.

PO2 : Students will be able to associate with the Biological Sciences and choose the specific areas in their career.

PO3: Students will gain an understanding of organic, inorganic and Physical and analytical Chemistry, the chemical reactions and various methods to balance them.

PO4: Students learn to analyse and gain knowledge and skills through courses such as Immunology, Hematology, Pathology, Microbial Ecology, Genetics and Biotechnology.

PO5: Students can critically analyse and evaluate environmental and health related problems.

PO6: Students get an understanding of the application of knowledge related to nutrition, food, human health and disease.

PO7: Students are enriched with the understanding of the structure and behaviour of Bio-molecules covering everything regarding organisms and their existence.

PO8: Students will extend the knowledge gained for self- evaluation and formulate methods to consistently contribute towards research and up skill themselves.



## COURSE OUTCOMES

<b>I Year / I Semester</b>	
<b>Course Code:</b>	<b>Course 101</b>
<b>Course Name</b>	<b>Animal Diversity - Invertebrates</b>
<b>CO 1</b>	Students will appreciate the importance, value and diversity of the invertebrates.
<b>CO 2</b>	Students will be able to get an understanding of the host parasite interactions.
<b>CO 3</b>	Students are enriched with knowledge about life from unicellular to multicellular level of organisation.
<b>CO 4</b>	Students acquire the skill of practical knowledge to correlate with theory.

<b>I Year / II Semester</b>	
<b>Course Code:</b>	<b>Course 102</b>
<b>Course Name</b>	<b>Animal Diversity - Vertebrates</b>
<b>CO 1</b>	Students will be able to understand different categories and the level of organization of vertebrates.
<b>CO 2</b>	Students learn about migration and parental care.
<b>CO 3</b>	Students will be able to appreciate how to differentiate between poisonous and non poisonous snakes and flight adaptations in birds.
<b>CO 4</b>	Students gain knowledge about Mammals and their aquatic adaptations.

<b>II Year / III Semester</b>	
<b>Course Code:</b>	<b>Course 103</b>
<b>Course Name</b>	<b>Animal Physiology and Animal Behaviour</b>
<b>CO 1</b>	Students are enlightened about digestion, excretion and osmoregulation work as physiological process.
<b>CO 2</b>	Students understand about respiration and Circulation systems and also role of homeostasis.
<b>CO 3</b>	Students learn about muscle contraction and nerve conduction functions and also the role of endocrine glands and their secretions.
<b>CO 4</b>	Students acquire the Practical skill to understand the physiological processes.

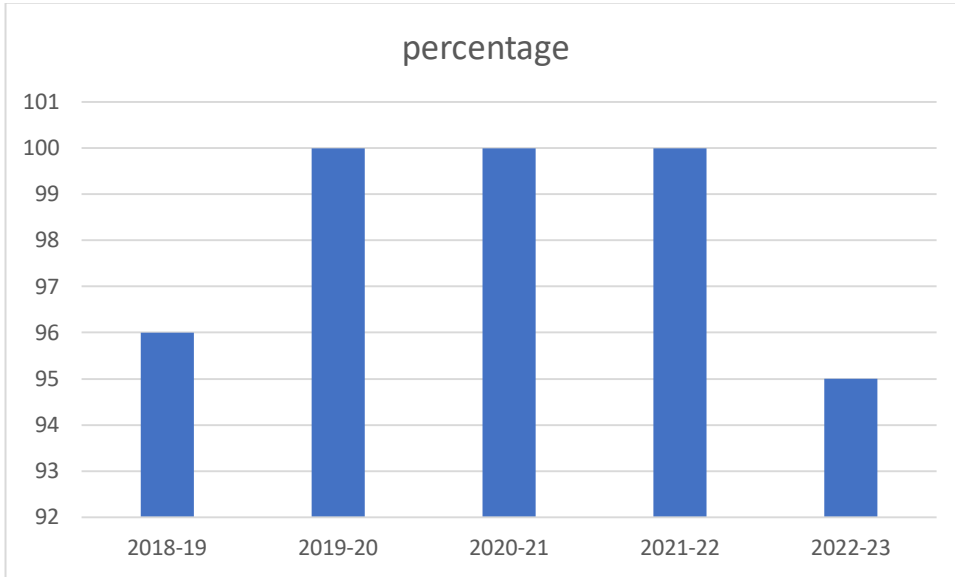
<b>II Year / IV Semester</b>	
<b>Course Code:</b>	<b>Course 104</b>
<b>Course Name</b>	<b>Cell Biology, Genetics, Development Biology</b>
<b>CO 1</b>	Cell Biology gives the Student an understanding of various cell organelles and their functions.
<b>CO 2</b>	Students can learn the molecular basis of biological activity between biomolecules in the various metabolic processes.
<b>CO 3</b>	Gives an understanding of genetic information and chemical basis of heredity.
<b>CO 4</b>	Students will gain the knowledge about developmental biology and understand the process of regeneration.

<b>III Year / V Semester</b>	
<b>Course Code:</b>	<b>Course 105</b>
<b>Course Name</b>	<b>Immunology and Animal Biotechnology</b>
<b>CO 1</b>	Students acquire knowledge about different types of immune cells innate and acquired immunity.
<b>CO 2</b>	Students will be enlightened about various antigen antibody reactions.
<b>CO 3</b>	Helps to understand the scope and application of biotechnology.
<b>CO 4</b>	Students get knowledge about biopesticides, bioremediation and biofertilizers.

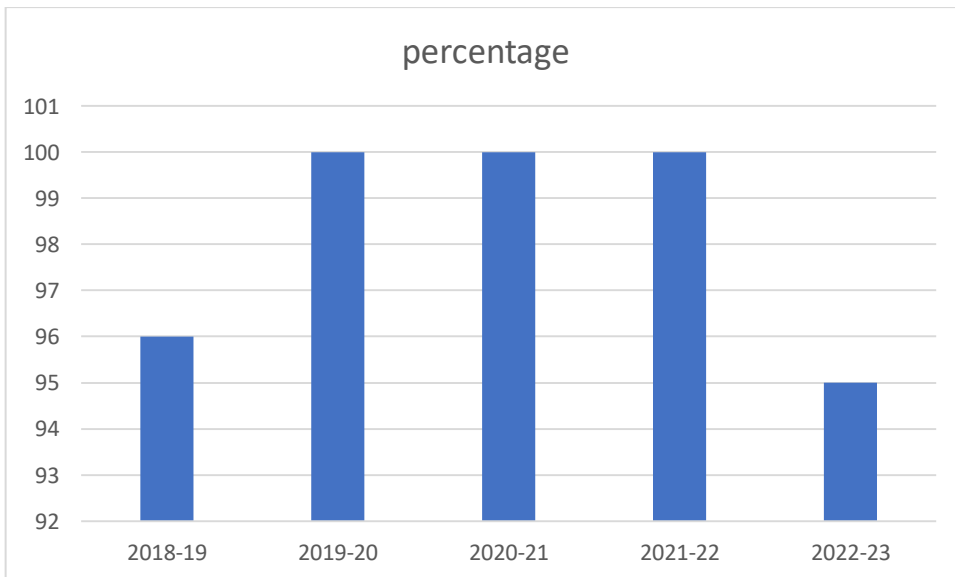
<b>III Year / VI Semester</b>	
<b>Course Code:</b>	<b>Course 106</b>
<b>Course Name</b>	<b>Ecology, Zoogeography and Evolution</b>
<b>CO 1</b>	Students get the knowledge about different types of ecosystems.
<b>CO 2</b>	Ecological studies in wild life conservation and protecting endangered species.
<b>CO 3</b>	Students are enriched with knowledge of distribution of animals in various zoogeographic regions.
<b>CO 4</b>	Students get to know about the evolutionary process.

**RESULT ANALYSIS**  
**2018- 2023**

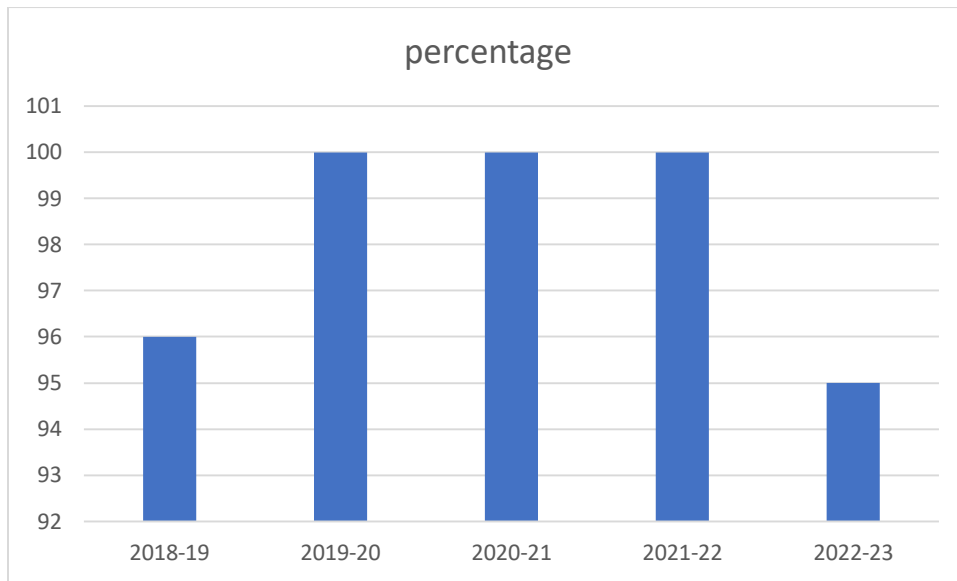
**SEM I**



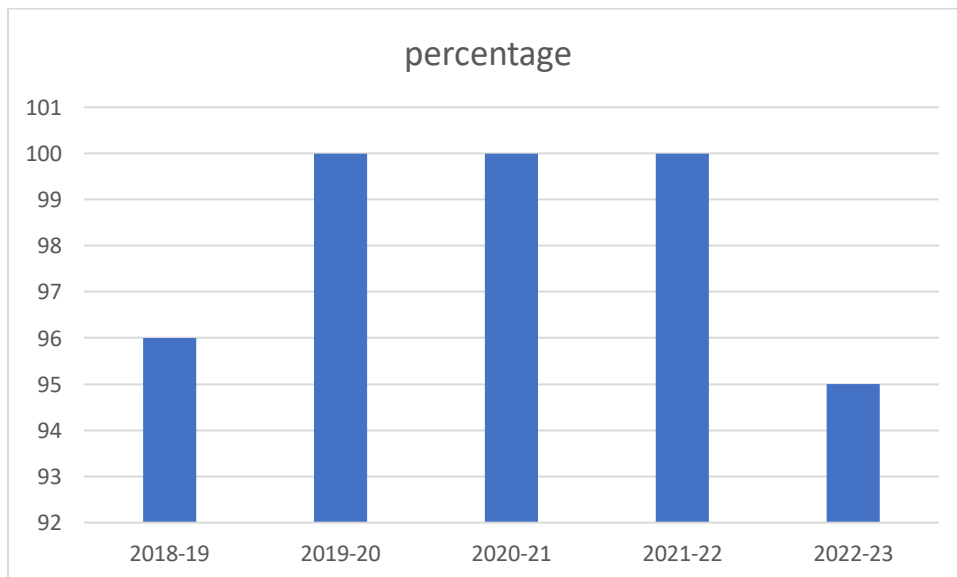
**SEM II**



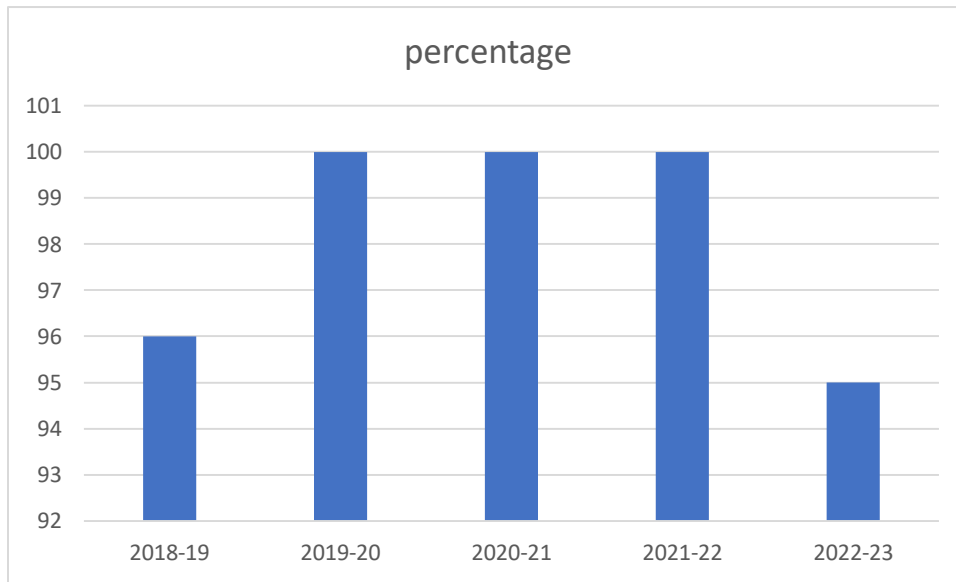
### SEM III



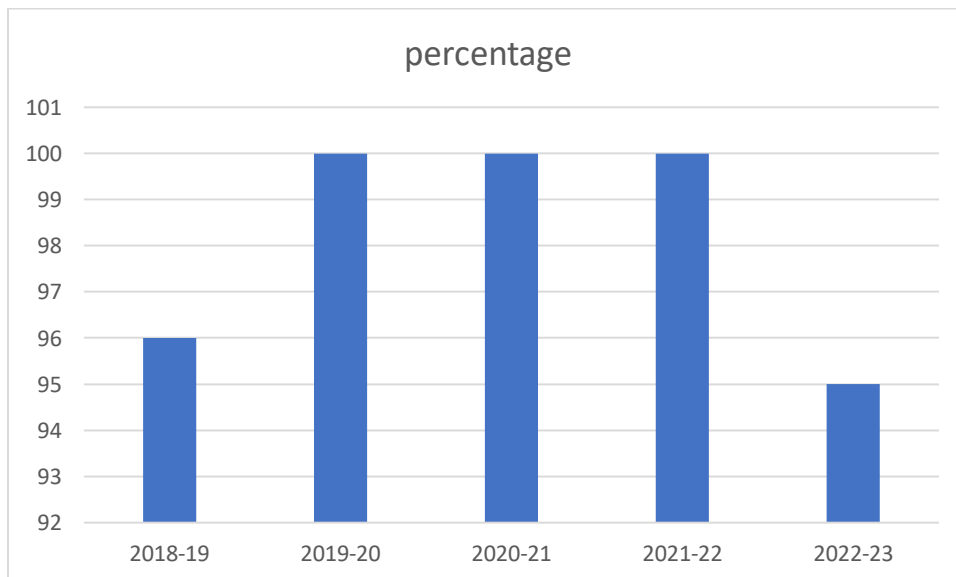
### SEM IV



### SEM V



### SEM VI



### ZOOLOGY DEPARTMENTAL ACTIVITIES of 2018-2023

S.NO	DATE	ACTIVITIES
1.	26-10-2018	Field visit to sericulture farm at Vikarabad
2	01-02-2020	Field visit to Aqua culture farm at Karimnagar
3	23-05-2020	Webinar on stem cell
4	01-03-2021	Snake show – Snakes our Friends or foes
5	03-03-2021	World wild Life Day
6	20 -07-2021 21-07-2021	Two day Virtual National Seminar on “Genetics New Challenges”.
7	12-11-2022	Animal welfare club inauguration and Pet show
8	21-11-2022	National fisheries Day
9	14-12-2022	Field Visit to “Pocharam World Life Sanctuary”
10	30-01-2023 To 04-01-2023	Faculty Development Program in Molecular and Cytogenetic Techniques Molecular and Cytogenetic Techniques.
11	01-08-2023	One day workshop on “Immunological Techniques “

## 1. Field Visit to Sericulture Farm

The Department of Zoology organized, Visit to sericulture Farm at Vikarabad on 26.10.2018.



This field trip made awareness among students about the economic importance and suitability of sericulture in Indian Condition.

Students learned various technologies involved in Sericulture, and hands – on training on Mulberry nursery management, silkworm rearing, and silk reeling.



From this field trip, Students acquired knowledge and develop skill in silkworm rearing and silkworm farming.



## 2. Field Visit to Aquaculture

The Department of zoology, arranged the field visit to aquaculture farm at Karimnagar on 01/02/2020



This field trip has given an insight view about fisheries and Technology. Students learned to self design and Management of fish farm and practical knowledge of fish breeding and development.

### 3.WEBINAR ON “STEM CELLS AND IT’S APPLICATIONS”.

From this webinar students gained knowledge about stem cells.

Stem cells replace cells damaged by chemotherapy or disease or serve as a way for the donar’s immune system to fight some types of cancers and blood related diseases such as Leukemia, Lymphoma, Neuroblastome and multiple myeloma

**SAROJINI NAIDU VANITA MAHAVIDYALAYA**  
 (Sponsored & Managed jointly by Chemists' Association and Exhibition Society)  
 Exhibition Grounds, Nampally, Hyderabad. Ph-04024603266  
 NAAC Accredited (3<sup>rd</sup> Cycle)

Department of Zoology  
 presents  
 Webinar on  
**Stem Cells and their Applications**  
 Date: 23-05-2020, Time: 4:00 to 5:00 PM  
 Resource Person  
**Dr. B. Kiran Kumar**  
 Scientist, CCMB

**Dr. Srivani Sesham**  
 Head, Department of Zoology,  
 Convener  
 Ph: 9885668195

**Dr. D. Shobhana**  
 Principal

**You Tube Link:**  
<https://youtu.be/w9VrmR5kY-w>



**Introduction**

Cornea Limbus Region  
 Damage to the limbus  
 Partial LSCD Total LSCD  
 Limbal Stem Cell Deficiency (LSCD)

**Background information**

9 year old boy with ALKali Burn Total LSCD in Right Eye  
 After Limbal stem cell transplantation (SLET)  
 20/30 vision at 2 years

**Induced pluripotent stem cells (iPSC)**

- Can create stem cells directly from a patient
- Can be maintained indefinitely in the laboratory
- Pluripotent with similar properties to ESCs

Image source: Robertson DA, Daley DG. Nature 2012; 481, 295-305.

## 4. SNAKE SHOW

### SNAKES – OUR FRIENDS OR FOES.

Students had a great experience of learning different kinds of snakes, their habitat and venomous and non venomous qualities that snakes exhibit were displayed on 01/03/2021.



Friends OF Snakes society members provided enormous information on how to identify dangerous snakes which can harm us including the steps to be followed to rescue from the same.

## 5. World wild life day

Department of Zoology conducted essay writing competitions on occasion of world wild life day on 03-03-2021.



Students gained knowledge about wild life and their importance in maintaining balance of ecosystem.

Students learned the importance of every species has a unique life value. It is the fundamental duty for every citizen to protect and improve the natural environment including forest and wild life.

## 6.GENETICS NEW CHALLENGES-

Virtual National E-Seminar on 20-7-2021 and 21-07-2021.



**SAROJINI NAIDU VANITA MAHA VIDYALAYA**  
A Women's Educational Society for Promoting Education, Advancement and Diffusion of Quality Education amongst, Empowered, Free, strong individuals.

**TWO DAY VIRTUAL NATIONAL SEMINAR ON GENETICS-NEW CHALLENGES 20<sup>TH</sup> & 21<sup>ST</sup> JULY, 2021**  
ORGANIZED BY **DEPARTMENT OF ZOOLOGY**  
In association with **IQAC**  
IN COMMEMORATION OF **GREGOR JOHANN MENDEL'S 199<sup>TH</sup> BIRTH ANNIVERSARY**

**About the College**

Sarojini Naidu Vanita Maha Vidyalaya (sponsored and managed jointly by Osmania Graduates' Association and Exhibition Society) is a premier educational institution in the state of Telangana. It was established in 1957 and affiliated to Osmania University in 1962. It is one of the largest Women's colleges in Telangana named after Great freedom Sarojini Naidu and its foundation stone laid by a stalwart freedom fighter Khan Abdul Ghaffar Khan. The institution offers courses at Intermediate, Under Graduation and Post-Graduation levels in faculties of Arts, Science, Commerce and Management. It works for the holistic development of 3500 girl students.

**About the Department**

The Department of Zoology was started in the year 1957 for the Pre-University Course. Undergraduate Courses in the discipline of science were introduced in the year 1962. Post Graduate courses in Zoology was introduced in 1991-92 to cater to the demanding requirements of higher education for women. Department of Zoology has an excellent academic record with our students achieving gold medals at university level. To keep abreast with the latest development in science and technology, the department has conducted national and international seminars and conferences. The department has well equipped labs and a well-maintained museum with its rich and varied collection of specimens. Department has well qualified faculty who are ever updating their knowledge to cater to the needs of the students.

**About the Theme**

The main motto behind the conduct of this seminar is to keep ourselves abreast with the latest updates in the field of Genetics.

Genetics is a science which studies the mechanisms and biological laws that provide stability of the features during generations assuming heredity on one hand and the variations of inherited characteristics on the other hand.

The Science of Genetics originated in 1990 with the rediscovery of a scientific article originally published in 1866 by an Augustinian monk named Gregor Mendel who is now well known as 'Father of Genetics'.

Gregor Johann Mendel was born on 20<sup>th</sup> July 1822. He was a Meteorologist, Mathematician, Biologist. Mendel's Pea plant experiments between 1856-1863 established rules of inheritance now called as Mendelian inheritance, long before the discovery of DNA and Genes. The application of Genetics to medical care, including research on the causes and inheritance of Genetic disorders and their diagnosis and management is a breakthrough in human life. The challenge will be to keep reinventing ourselves and incorporating new knowledge and skills as we go towards a complete understanding of Genetics.

**SPY HIND SPY SAFE**

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**20<sup>th</sup> July, 2021 - Day 1**  
Inaugural session - 10:00 to 11:30

Welcome Address by Principal  
**Dr. D.Madhava**  
Sarojini Naidu Vanita Maha Vidyalaya

Address by Chief Guest  
**Dr. Sudhama Devi Kanapuram**  
Retired Professor,  
Dept. of Zoology, Osmania University

Key note address  
**Dr. Madhu Sarwanthi**  
Senior Professor,  
Dept. of Bio Medical Sciences  
School of Bio Sciences & Tech,  
VIT, Vellore, Tamil Nadu, India

**Session 2 : 11:45-12:45PM**

"Therapy Resistance in Cervical Cancer: A mystery and its solving strategies" by:  
**Prof. Satapa Mukherjee**  
Senior Scientist, Office,  
Dept. of Environmental Carcinogenesis & Toxicology,  
Chhatrapati National Cancer Institute, Kolkata, India.

**Session 3 : 1:00-2:00PM**

"Assessment of Antigenotoxicity: Significance, Mechanism and its application" by:  
**Dr. Vijayalakshmi Vijayaraj**  
Assistant & Lecturer,  
Immunology and Molecular Biology Dept,  
Sri Ramakrishna Memorial Research Centre,  
Hyderabad, Telangana, India.

**21<sup>st</sup> July, 2021 - Day 2**  
Session 1 : 10:00-11:00 am

Management/Mandatorily systems for BIPPE-1a process" by:  
**Prof. Anita Varma**  
Program on outcome, DDT, New College,  
Hyderabad,  
State Bio Tech Lab, Rajani Mah College,  
University of Delhi, Delhi, India.

**Session 2 : 11:30-12:30**

"Evolutionary pros: The science behind challenges and regulatory control" by:  
**Prof. Anand Kumar Negand**  
Dept. of Botanical and Environmental Sciences,  
Osia Noida Univ University, Anand,  
India.

**Session 3: 12:45- 1:45 PM**

"Genetics in Medicine -An Overview" by:  
**Dr. A. Venkateshwar**  
Director (IC), Institute of Genetics and Hospital for Genetic Diseases,  
Osmania University, Hyderabad,  
Telangana, India.

**Session 4: 2:00 - 2:30 PM**  
Valedictory

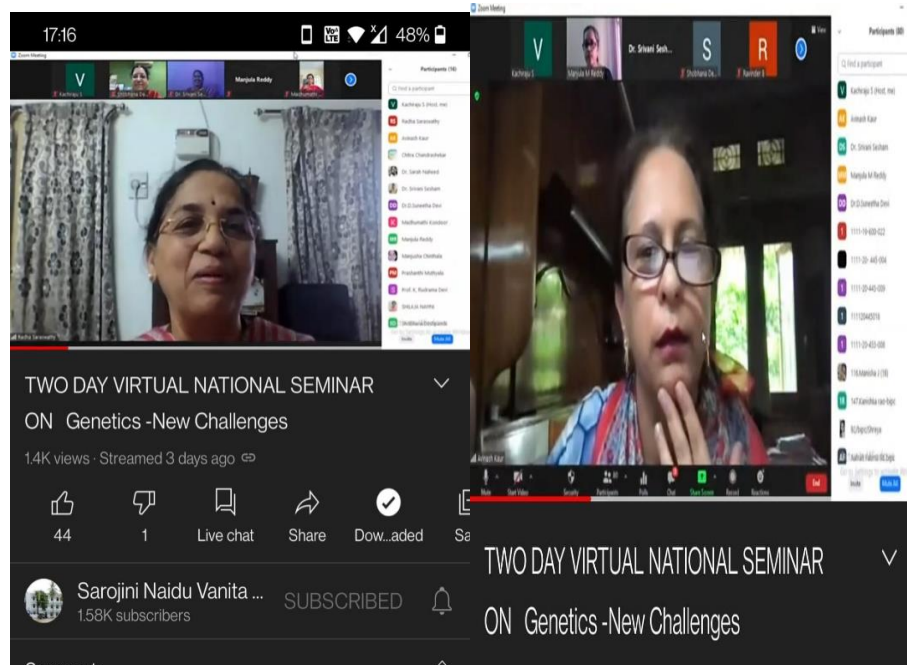
**Organizing Committee**

**Dr. Manjula M. Reddy**  
**Dr. C. Manjusha**  
**Dr. D. Suneetha Devi**  
**Mrs. N. Shilpa Youngender**  
**Mrs. K. Madhumathi**  
**Mrs. M. Prashanthi**

**CONVENOR**  
**Dr. S. Srivani**  
Head, Dept. of Zoology  
Ph:9885668195

**Registration Details**

**Please click on the link to register:**  
**HTTPS://FORMS.GLE/3INGRQBVLCCRYYV7**  
**No Registration fees**  
**E-Certificate will be provided**



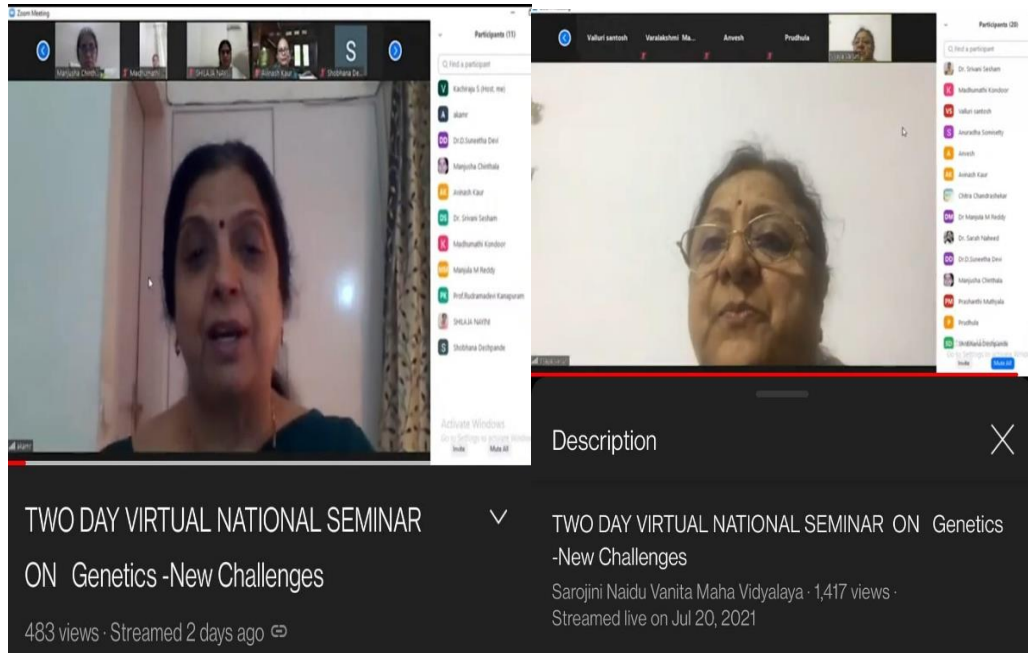
**TWO DAY VIRTUAL NATIONAL SEMINAR ON Genetics -New Challenges**

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Sarojini Naidu Vanita ... 158K subscribers

**TWO DAY VIRTUAL NATIONAL SEMINAR ON Genetics -New Challenges**

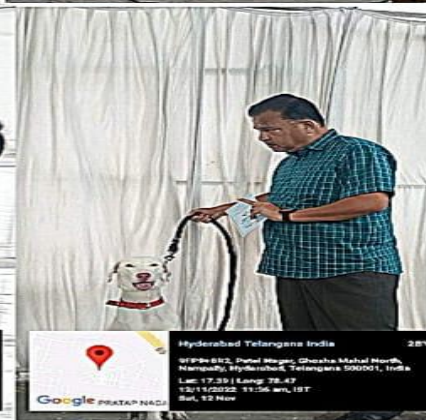


Genetics research studies, how individual genes or groups of genes are involved in health and diseases. Understanding genetic factors and genetic disorders is important in learning more about promoting health and preventing disease.

## 7. Animal welfare Club and pet show.

Department of Zoology inaugurated animal Welfare Club and conducted pet show on 12-11- 2022.





## మన తెలంగాణ

తెలంగాణ ప్రజల సేవకు

దేశ వాయవ్యం అభివృద్ధిలో గొల్పోయిన జిల్లా వీ తమ నాయకులు, కార్యకర్తలు తో రాష్ట్రంగా తీరాలి. ఈ సందర్భంగా గొల్పోయిన జిల్లాల పేరే మార్చి అభివృద్ధిని మార్చేయడం ప్రధాన కార్యకర్తల పుష్కల శ్రమలను తెలిపే కార్యక్రమం.

పేష్టంటి తెలంగాణ ప్రభుత్వం ఉద్దేశ్యంగా అంతర్జాతీయ స్థాయిలో తెలంగాణ రాష్ట్రాన్ని బంగారు తెలంగాణ చేస్తామని పట్టి తాగు లోతులకు కేరాఫ్ గా నిలిపాలని, అందుకు దరదా పండుగ సందర్భంగా జరిగిన మధ్యం అమృతాల మూర్తి గొల్పోయిన జిల్లా కార్యకర్తలకు రాజకీయ శిష్యు, దయానంద సింగ్, గోపాలాచార్య, కర్నూరు అంబే కే మార్, కార్తీకే కర్నూరు రాజ్ కుమార్, రాజ్, దీప్తి రాజ్ కుమార్ పాటు పాల్గొన్నారు.

### వనితా మహావిద్యాలయల్ జంతు సంక్షేమ క్లబ్ ప్రారంభం

మన తెలంగాణ/గోపాలాచార్య: నాంపల్లి ఎస్.కె.ఎస్.లోని నరోజీ నాయకుడు వనితా మహావిద్యాలయ కళాశాలలో ప్రారంభం జంతు సంక్షేమ క్లబ్ ప్రారంభించారు. ఈ సందర్భంగా వనితా విద్యాలయ ప్రాంగణంలో నిర్వహించిన పేజ్ షో, జంతు ఫోటోగ్రఫీ నిర్వహించారు. రాష్ట్ర పశు సంక్షేమ శాఖ అసిస్టెంట్ సైన్సిస్టర్ సచివ్ దేవేందర్ ముఖ్యఅతిథిగా విచ్చేసి సందర్భంగా ఈ కార్యక్రమాన్ని ప్రారంభించారు. ఈ సందర్భంగా కార్తీకే సచివ్ దేవేందర్ ముఖ్యఅతిథిగా వచ్చి ప్రారంభించారు. ప్రస్తుత కాలంలో పాతీ మనిషి విచ్చేసినందుకు కారణం తగ్గినందుకు వచ్చింది. ప్రస్తుత కాలంలో పాతీ మనిషి విచ్చేసినందుకు కారణం తగ్గినందుకు వచ్చింది. ప్రస్తుత కాలంలో పాతీ మనిషి విచ్చేసినందుకు కారణం తగ్గినందుకు వచ్చింది.





## 8. National Fisheries Day

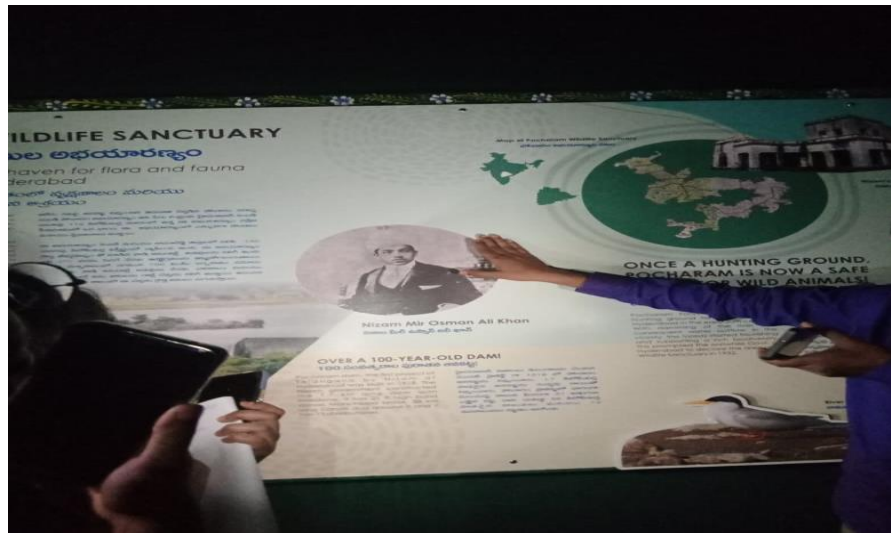
Department of Zoology celebrated National Fisheries Day on 21-11-22.



The aim of fisheries education is to develop skills and enhancing fish production through resources utilisation, modern culture systems applying modern harvesting and post harvesting techniques marketing as well as social advancement of the fishing community

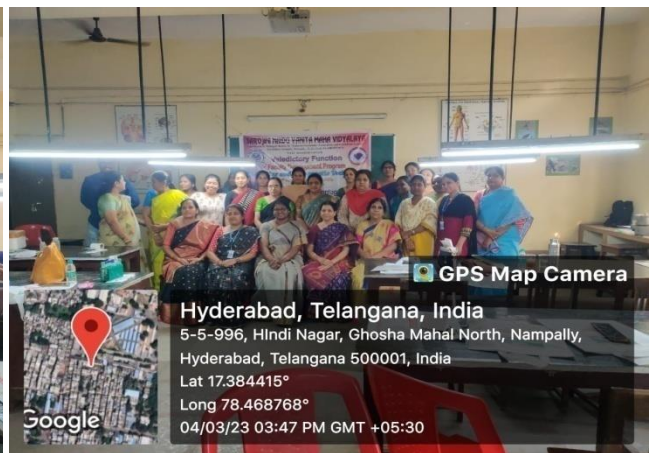
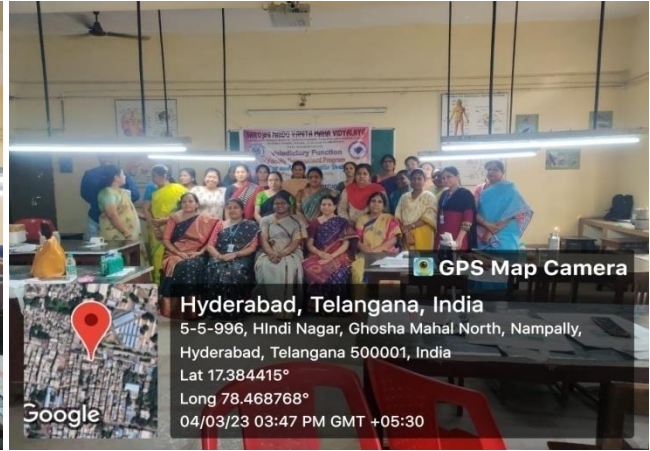
## 9. Field visits organized by the department for the students

The department of Zoology visited to pocharam wildlife sanctuary on 14-12-2022.



## 10. Faculty development program.

Department of Zoology organized Faculty development program in collaboration with Cytomal labs on molecular and cytogenetic techniques. From 30 January to 4th February 2023.





# OUT REACH PROGRAMMES

## 1. Visit to Govt, High School, Amberpet under GNANAJYOTHI Program on 12/10/2022



## 2. Visit to Zoopark along with Adarana Orphanage students on 31/03/2023



## **Student progression**

### Student Progression

- 1.Gurati Anusha -Govt.Institute of Advanced study in education .2022
- 2.Jadhav Haripriya -B.Ed Neelam Sanjeeva Reddy College of Education.22-24
- 3.Surabhi Vuskela -M.Sc Organic Chemistry of Loyola Degree & PG College.22-24
- 4.P.Chandhana - Nizam's Institute of medical Scinces.
- 5.M.Sreeja - M.A English University PG college.secunderbad.22-24
- 6.Pullagalla Navyasree -Microbiology of Avanthi Degree & PG college.22
- 7.Kurma Ganga -Junior Process Associate of Healius.
- 8.Desagani Anjali - Junior Process Associate of Helius.
- 9.G.Seena ( 19-20) -M.Sc Organic Chemistry SNVMV.
- 10.S.Priyanka - M.Sc Chemistry SNVMV (2021-2022).
- 11.Swapna Mangali -Police Constable, Dec2020
- 12.K.Niharika -M.Sc(AC) Institute of Science & Technology  
Jawaharlal Nehru Technological University Hyd.
- 13.L.Pooja - M.Sc (MB) Institute of Science & Technology Jawaharlal Nehru  
Technological University Hyd.
- 14.Maheswaram Prasuna -M.Sc Chemistry University college of Science,OU 2021-23.
- 15.R.Priyanka - M.Sc Botony Jahnavi Group of Institutions.
- 16.K. Ruchita -System Operator in HP Gas.
- 17.K.Ramani -HR Executive in 5 Mantra.
- 18.S.Pavani -Reasearch Institute Dalith women's Collective.
- 19.U.Sushmitha - Employee at TATA Consultancy Services.
- 20.Asha Chidipalli - M.Sc(AC) GITAM (Deemed to be university)

- 21.Kodanganti Keerht i- M.Sc Zoology University College of Science ,OU,21-23.
- 22.Sravani Awaji -Employee at Accenture.
23. Allepu Tejaswini -Employee at TATA consultancy.
- 24.Jogu Surekha - M.Sc In Telangana Mahila Viswavidyalayam.
- 25.Esam Sahithi - M.Sc Zoology in SNVMV.
- 26.Gollapally Aishwarya - Joshi Medicode Techonologies.
- 27.Gandepalli Saisree -M.Sc Zoology In SNVMV.
- 28.Shekapur Anusha -M.Sc Zoology in SNVMV.
- 29.FAriha Fathima -M.Sc Zoology in SNVMV.





**DALIT WOMEN'S COLLECTIVE**




Name : **S. Pavani**  
 Designation : **Research Assistant**  
 Phone : **9963917634**

*Sujatha*  
 Sujatha Surepally  
 (Executive Director)

H. No. 17-1-391/ID/191, Road No.11  
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 Singareni Colony, Hyd Ph: +91 4079658445

**GITAM** (DEEMED TO BE UNIVERSITY)  
(ESTD ON 3-1-1984 (DGC Act, 1986))  
 VISAGHAPATNAM \* HYDERABAD \* BENGALURU



**ASHA CHIDIPALLI**  
**HP22CHEM0200018**  
**M.Sc.-AC**  
**2022-2024**  
**School of Science**  
**Hyderabad**

*Sujatha*  
 Registrar


**hgs**



**LISHWARYA LAKSHMI ALLETI**  
 EMP ID: 247606

**HINDUJA GROUP**


**TATA**  
**TATA CONSULTANCY SERVICES**



**SUSHMITHA UPPULETI**  
 Card No 544315  
 Associate No 1965368

Tata Consultancy Services Ltd.  
 TCS House, Raveline Street, Fort  
 Mumbai 400001, India

**HP GAS**  
**MADAVTEJA HP GAS GRAMIN VITRAK**  
**IDENTITY CARD**



Name : **K. RUCHITA**  
 Designation : **System Operator**  
 D.O.B : **20/02/2000**  
 Mobile No : **9705929923**

# 7-7A Palamakole Vill, NH-44 Road,  
 Shamshabad, R.R. Dist-509325 - Telangana.  
 Cell: 9032120206, 08413 - 257377.

**5 MANTRA**  
 THE COMPLETE EDUCATION



**K. Ramani**  
**HR Executive**

EMP ID : 1030  
 Blood Group : **O+** *Conceding*  
**Authorised Sign.**

Plot No. 13, Amar Co-operative Housing Society,  
 Lane Opp. Madhapur Police Station, Kavuri Hills,  
 Madhapur, Hyderabad, Telangana 500081.  
 Mobile : 9550435534, 9866877430 | admin@5mantra.com


**UNT**  
UNIVERSITY  
OF NORTH TEXAS



Nenavath, Manjula  
Student

Issue: 1

**JAHNAVI**  
GROUP OF INSTITUTIONS  
DEGREE & PG COLLEGE




**GOLAMPALLE AISHWARYA**

HT.No. : **110622526013**  
Name : **GOLAMPALLE JEEVAN REDDY**  
Group : **M.SC. ( ZOOLOGY )**  
Phone : **9030261038**

4-742, Near GHMC Play Ground, Narayanpet, Hyderabad-29. Ph : 8333872383, 9902646000

**SAROJINI NAIDU VANITA MAHA VIDYALAYA**  
Exhibition Grounds, Hyderabad.  
NAAC accredited 3rd Cycle




**Sarajini Naidu Vanita**  
Name: **Sarajini Naidu Vanita**  
D/o: **G. Lakshmi** Roll No. ....  
Class: **Msc (zoo) chm 3** Academic Year **2020-21**  
Class: ..... Academic Year .....

**Sarajini Naidu Vanita**  
Student Signature

**Sarajini Naidu Vanita**  
Principal

**ANWAR UL ULOOM COLLEGE**  
(AUTONOMOUS)

Affiliated to Osmania University, Accredited "A" Grade by NAAC, New Malicampally.



**MALIHA AFSHAN**

FATHER NAME: **MOHAMMED MOINUDDIN**  
Employee ID: **79**  
Designation: **HEAD OF THE DEPARTMENT**  
Department: **ZOOLOGY**

**Principal**

1175-17-445-018  
**SAROJINI NAIDU VANITA MAHA VIDYALAYA**  
Re-accredited by NAAC with 'A' Grade  
Exhibition Grounds, Hyderabad.



**B. Charanya Teshi**  
Name: **B. Charanya Teshi**  
D/o: **B. Praveen Teshi** Roll No. **018**  
Class: **B.Sc** Academic Year **II nd year**  
Class: **B.Sc** Academic Year .....

**B. Charanya Teshi**  
Student Signature

**B. Charanya Teshi**  
Principal

1175-20-503-032  
**SAROJINI NAIDU VANITA MAHA VIDYALAYA**  
Exhibition Grounds, Hyderabad.  
NAAC accredited 3rd Cycle



**S. Priyanka**  
Name: **S. Priyanka**  
D/o: **S. Anandam** Roll No. **022**  
Class: **Msc chem 1 yr** Academic Year **2020-21**  
Class: **Msc chem 2 yr** Academic Year **2021-22**

**S. Priyanka**  
Student Signature

**S. Priyanka**  
Principal

1175-17-445-040  
**SAROJINI NAIDU VANITA MAHA VIDYALAYA**  
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83409398  
 50




Name: G. Seena  
 D/o: G. Lakshman  
 Roll No: 2017-2018  
 Class: B.E.T. Academic Year: 2017-2018  
 Class: B.Sc.II Academic Year: 2018-2019  
 Class: B.Sc.III Academic Year: 2019-2020

G. Seena  
 Student Signature

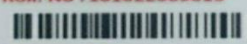
[Signature]  
 Principal

**UNIVERSITY PG COLLEGE  
 SECUNDERABAD**  
 Osmania University  
 HYDERABAD, TELANGANA STATE, INDIA - 500 007



**M. SREEJA**  
 COURSE : M.A.  
 DEPT. : English  
 VALIDITY : 2022-2024  
 MESS NO. :

Roll. No : 101022009015



[Signature]  
 Principal

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**AVANTHI  
 DEGREE & PG. COLLEGE**  
 BARKATPURA, HYDERABAD

**IDENTITY CARD**




**PULLAGALLA NAVYASREE**  
 Father Name : PULLAGALLA SANJEEVA RAO  
 Course : Microbiology  
 Hall Ticket No : 1959-22-518-022  
 Contact : 9849244684, 9848946847  
 Address : H.No. 3-42, Peddamangalaram Village,  
 Moinabad Mandal, Rangareddy  
 Dist, Pin: 501504

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**LOYOLA ACADEMY (Autonomous)  
 DEGREE & PG COLLEGE**  
 A College with Potential for Excellence

UID NO: 111722503029



Name : SURABHI VUSKELA  
 Course : M.Sc. Organic Chemistry

AMCH 2022 2023  
 NMCH 2023 2024

VALID UPTO APRIL 2024

[Signature]  
 Principal

Phone : 23489000  
**NIZAM'S INSTITUTE OF MEDICAL SCIENCES**  
 (A University established under the State Act.)  
 Punjagutta, Hyderabad-500 082.



Name: P. CHANDANA  
 Designation: STUDENT  
 Department: HA  
 Code No.

P. Chandana  
 Signature of the card Holder  
 (in Black Ink)

[Signature]  
 Issuing Authority

**healio**

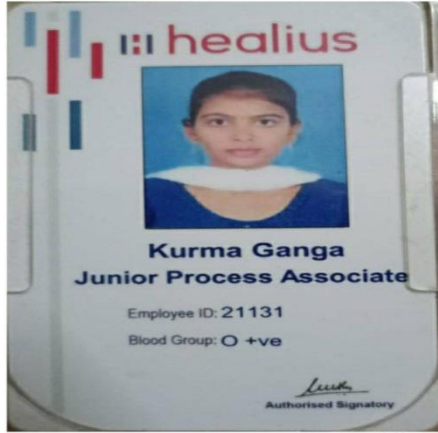


**Desagani Anjali**  
 Junior Process Associate

Employee ID: 21135  
 Blood Group: O +ve

[Signature]  
 Authorised Signatory

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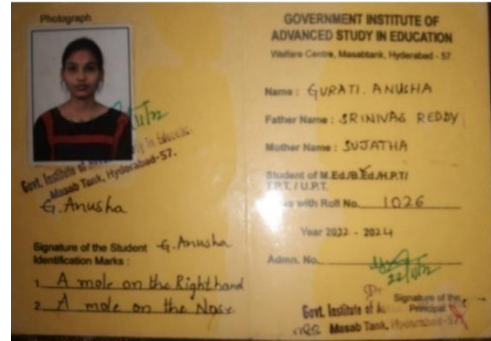


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## Faculty Achievements

S.no.	NAME	Achievements
1	Dr.S.Srivani	Authored 2 books and CO-Authored 1 book of UG ;Delivered Guest Lectures at S.P College Sec-bad and AMS College; Paper setter and evaluator for Autonomous college; Have Active Youtube Channel with content available for students
2	Dr.N.Shilaja Yougender	Awarded with Ph.D ; External faculty for ALLIED HEALTH SCIENCES AT NIMS;BRAOU(Jubilee hills); Paper setter and evaluator for Autonomous college
3	K.Madhumathi	Awarded with Ph.D ; Paper setter and evaluator for Autonomous college

## **Student Achievements**

### **LIST OF NCC CADETS**

Students from the department of zoology also actively engaged as cadets in the NCC, receiving tremendous support and encouragement. They proudly showcased their skills at the Annual training camps conducted in the Bison Polo Parade grounds and few were also honored with prestigious ranks, reflecting the excellence of our Zoology department.

#### **NAMES OF THE CADETS:**

1. FARIHA FATHIMA - SUO
2. V. USHA MADHURI -SGT
3. N. SANJANA -CPL
4. S. SAI PRASANNA -CPL
5. M.SUSHMITHA -CPL
6. ANUSHA -CPL
7. ANOUSHKA KUMARI -CPL
8. SHRADDHA THAKUR -CDT

#### **LIST OF NSS STUDENTS**

1. SRAVYA SRI
2. SAI BHAVANI
3. KIRTHANA
4. AKSHITHA
5. NIKITHA
6. SRI NITHYA
7. N.SINDHU SRI

## LIST OF EMINENT ALUMNI

S.NO	NAME	WORKING PLACE
1	Dr. Venkateshwari	Institute Of Genetics & Hospital For Genetic Diseases
2	Dr.Meenakshi	University college of Science
3	Dr.Tasneem	St.Anns College
5	Ms.Parameshwari	Falaknuma Degree College
7	Ms.Rajini	Postgraduate teacher in minority Residential college
8	Ms.Padma	PGT in Jadcherla Government College
9	Ms.Malathi	Government College
10	Ms.Hemalatha	K.V.Ranga Reddy College
11	Ms.Shruthi	
12	Ms,Sravanthi	St.Francis College

## **SWOC ANALYSIS**

### **STRENGTHS: -**

1. Team of highly qualified and dedicated faculty members with extensive academic and research experience
2. Collaborative Activities - With other College, Departments and Institutions and Interdisciplinary subjects.
3. Student-oriented activities conducted to provide Hands-on experience through workshops, seminars/webinars, and field trips.
4. Well equipped and spacious laboratories
5. High success rate in examinations, outperforming other departments within the institution.
6. Produced top-performing students who achieved Gold Medals in postgraduate programs at the University.

### **WEAKNESS:**

1. Lack of ethical committee
2. Lack of animal house

### **OPPORTUNITIES:**

1. Good opportunities for students of placements in Wildlife technician, Marine biologist, Veterinary technician, Animal nutritionist, Environmental scientist, Forest officer, Research scientist, Ecologist, Zoology Professor and more.

### **CHALLENGES:**

1. Students with Vernacular Background.
2. Absenteeism is observed among the students.



# BEST PRACTICES

## 1. Vermicompost Pit Maintained by Department of Zoology

Vermicomposting is a natural process whereby earth worm convert waste material with rigid structures into compost.

Vermicompost contains water soluble nutrients and is an excellent, nutrient –rich organic fertilizer and soil conditioner.

It is used in gardening and sustainable, organic farming.

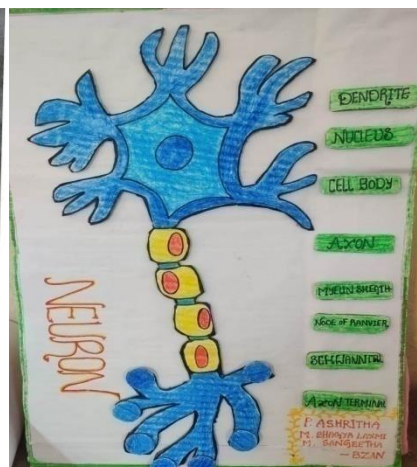
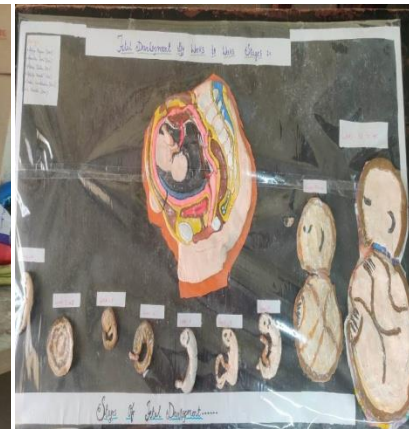
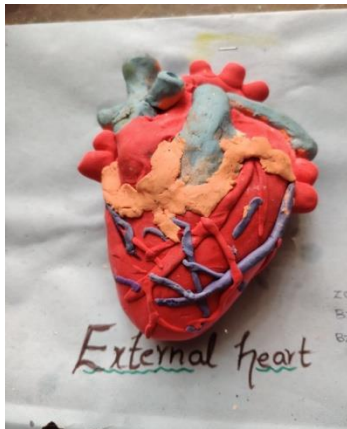
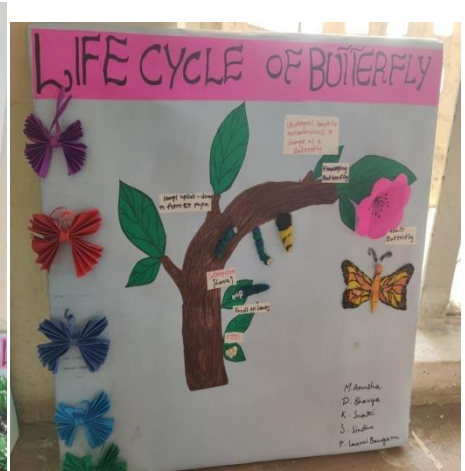
We use dry waste for Composting (Dry cow dung, Hay and dry leaves) the compost is used for manuring the plants in the college garden.

Students are trained in preparing the organic compost which can be done at their homes too by utilizing the dry and wet waste (kitchen waste)



## 2. Zoo club Activity

Low cost working models using eco-friendly material are made by the students which are donated to the government schools where we conduct out reach programs. These models are used as aids for explaining the subject.

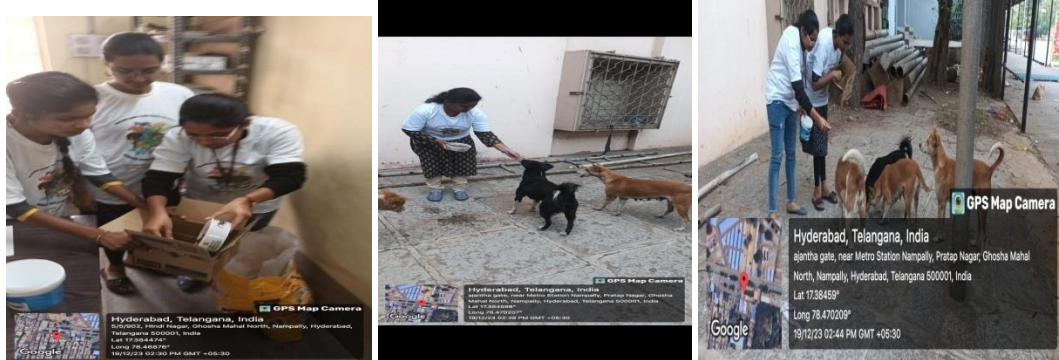


### 3. Conducting Awareness Programmes

For educating the students about myths and facts about different animals. As part of this we conducted snake show to enable the students to understand the difference between poisonous and non-poisonous snakes.

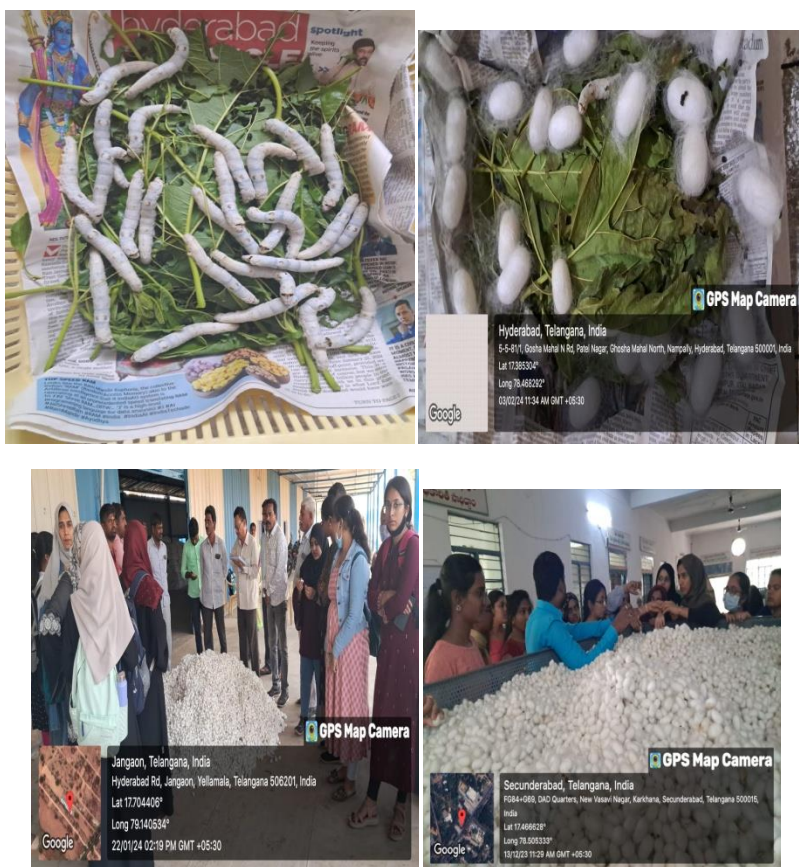






## 5. Sericulture

Students are taught about rearing silkworms, harvesting the cocoons and how the cocoons are auctioned. Students are also taken to the silk reeling units to educate them about the reeling of silk from the cocoons. This process helps in the self employability of the individuals. As Sericulture is the small scale industry.



## **FUTURE PLANS**

- We intend to motivate more number of students to pursue higher education and prepare for competitive examination.
- Proposal for conducting international conference on the various aspects of medical issues related to women health.
- Proposal for conducting a national seminar on interdisciplinary aspects related to life sciences.
- Collaboration with industry experts for guest lectures, workshops and internship opportunities to bridge the gap between academia and industry.
- Organisation of outreach programmes aimed at creating awareness about wild life conservation ,biodiversity and environmental sustainability

# FACULTY PROFILE

**Dr. Srivani Sesham**

**Educational Qualification:** M.Sc (Zoology), Ph.D, B.Ed, MBA.

Computer skills: Diploma in Advanced Software Techniques (DAST)

Employment: Associate Professor in Zoology,

S.N.VanitaMahaVidyalaya, Exhibition grounds, Nampally.

Professional experience: 30 yrs Till Date.

Present status: Head Department of Zoology,

Co-ordinator NAAC Criteria 1,

Staff Secretary.

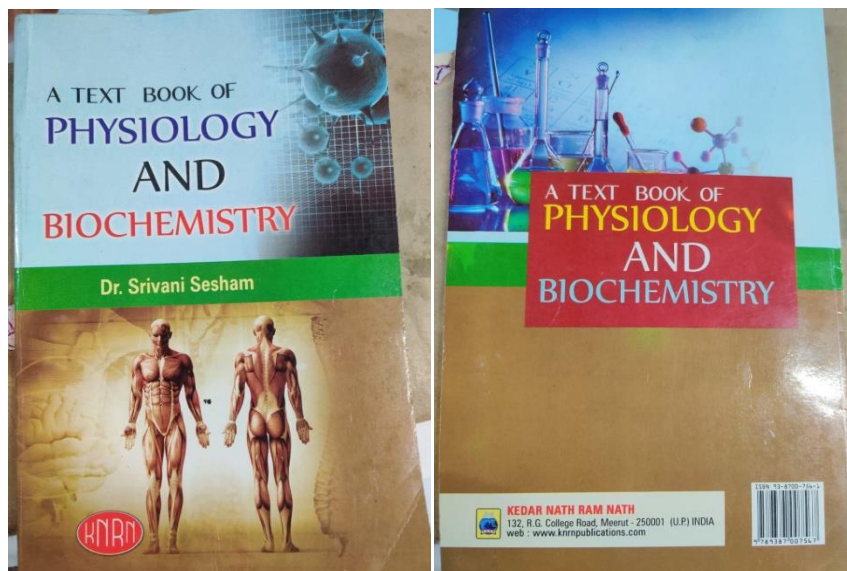
Successfully completed Swayam NPTEL course on “STRESS MANAGEMENT”

Paper Publications: 7

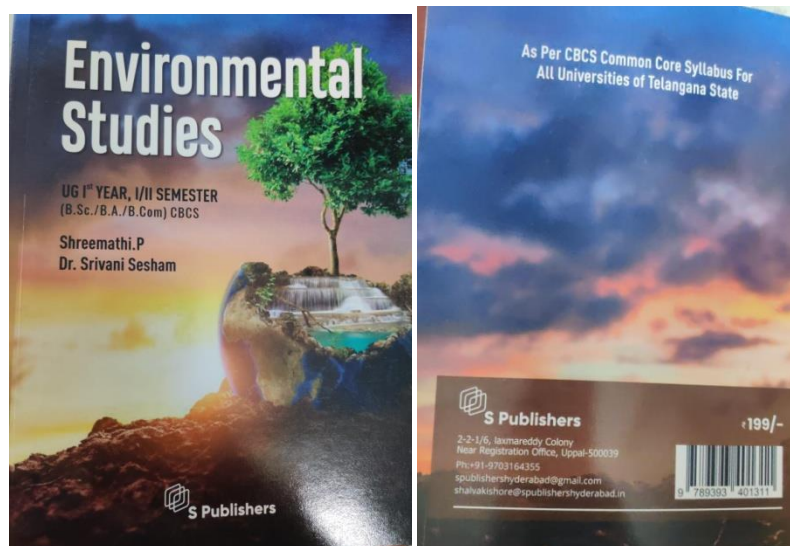
Authored: 3 books namely



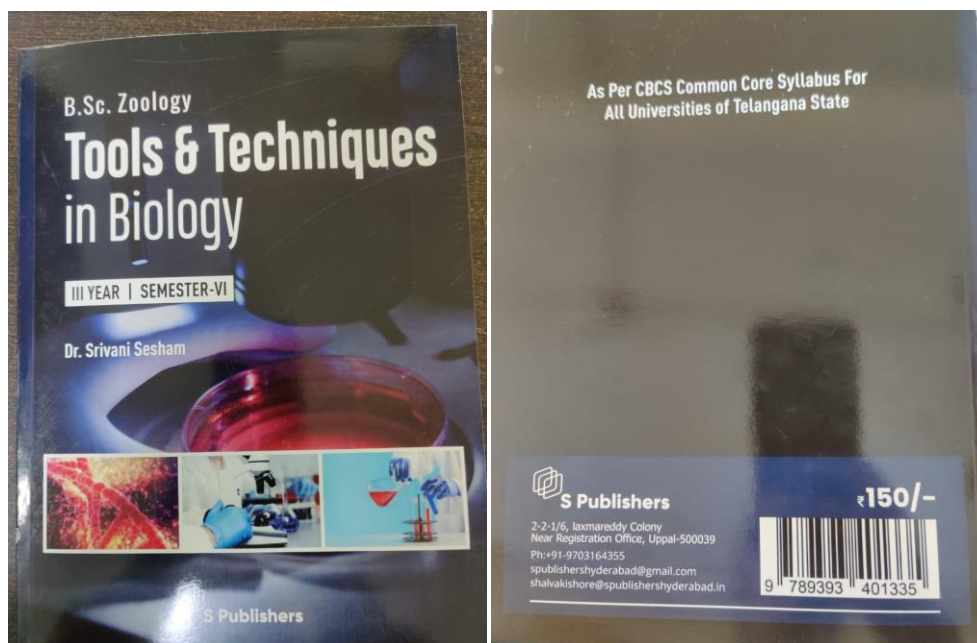
## Physiology and Biochemistry for Sem V DSC paper



**Co-Authored book on Environmental Studies (AECpaper)**



**Authored a book on Tools and Techniques in Biology (optional paper for sem VI)**



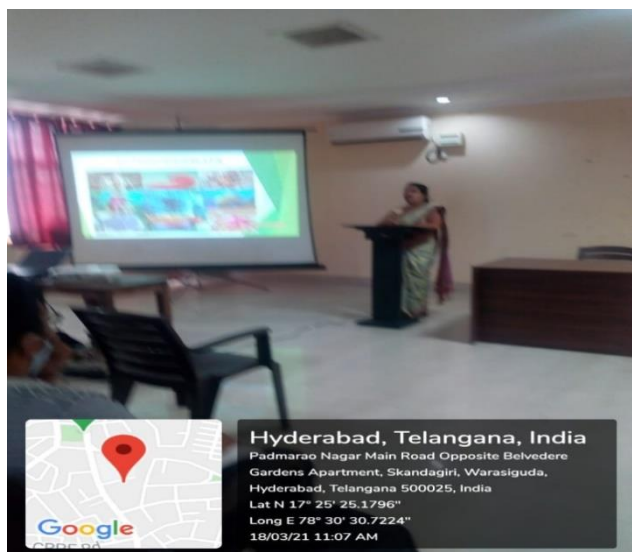
Teaching Methods: Black board and chalk, Charts (visual aids),

ICT Tools for teaching Zoom Sessions, quizlet (Awareness quiz in mosquito borne diseases).



## Guest Lectures:

1. Delivered a guest lecture at Sardar Patel College, Secunderabad.



2. Delivered a guest lecture at ANDHRA MAHILA SABHA COLLEGE FOR WOMEN on” STEM CELLS AND THEIR APPLICATIONS” FOR V and “ECOLOGICAL SUCCESSION” VI SEMESTER STUDENTS



## Seminars\Webinars attended\Organised :

- Organized WEBINAR ON “STEM CELLS AND IT’S APPLICATIONS” On 23<sup>th</sup> May 2020.
- Organized Two day Virtual National seminar on “GENETICS NEW CHALLENGES” in commemoration of Mendel’s Birth Anniversary 20<sup>TH</sup> and 21<sup>ST</sup> JULY 2021.

## Faculty development programmes attended\Organised:

Organized a six day faculty development program on “Molecular and Cytogenetic Techniques” in collaboration with Cytomol Labs, Hyderabad from 27<sup>th</sup> February to 4<sup>th</sup> March 2023.

**Workshops attended\Organised:**

Been as a judge for best out of waste competition – inter collegiate competitions NAVRANG held at Kasturba Gandhi Degree and PG College Secunderabad.



**Dr.N.SHILAJA YUGENDER**

NAME OF THE FACULTY- Dr. SHILAJA YUGENDER NAYINI  
DESIGNATION - ASSOCIATE PROFESSOR (DEPT OF ZOOLOGY)  
EMPLOYEE ID - UGT22  
DATE OF JOINING - 22.07.2002  
EDUCATIONAL QUALIFICATION- M.Sc. ZOOLOGY (OSMANIA UNIVERSITY)



SPECIALIZATION - ANIMAL PHYSIOLOGY  
AREA OF RESEARCH - PURSUING Ph.D. (SERICULTURE)  
TEACHING EXPERIENCE - 21 YEARS

EMAIL - shilajayougendernayini@gmail.com

ACHIEVEMENTS INTERNATIONAL PUBLICATIONS-2  
MINOR RESEARCH PROJECT -1

ATTENDED REFRESHER COURSE -1(UGC SPONSERED)

RESOURCE PERSON FOR DR.B.R AMBEDKAR UNIVERSITY (M.SC- ANIMAL DIVERSITY & ENTOMOLOGY)

PAPER SETTER FOR AUTONOMOUS COLLEGES (REDDY CLLG, BEGUMPET, ST ANNS CLLG )

EXTRA CURRICULAR ACTIVITIES- ORGANIZED FIELD TRIPS TO AQUACULTURE & SERICULTURE UNITS

COMMUNITY SERVICE – PARTICIPATED IN UNNAT BHARAT ABYHAN PROGRAM.

SEMINAR/WEBINAR

JUNE 15<sup>th</sup> 2020 Department of Chemistry organized seminar **COVID-19 APANDEMICOF CORONAVIRUSUNDERLYING CHEMISTRY FROM CAUSE TO CURE** at SNVMV

JUNE 17<sup>th</sup> 2020 RESEARCH COMMITTEE RESEARCH AND PUBLICATION SNVMV

## **Madhumathi Kondoor**

Associate Professor

Ph No - 9000783872

madhumathi.kondoori@gmail.com

### **Office Address:**

Sarojini Naidu Vanita Maha Vidyalaya,

Exhibition Grounds,

Nampally, Hyderabad 500008.

### **Academic Credentials:**

Education - Awarded with Ph.d. (Osmania University)

- Master of Science (Zoology) 71% SNVMV

- Bachelor of Science (Botany, Zoology, Chemistry) 65% SNVMV

- Bachelor of Education (Osmania University)

- Diploma in Nutrition and Health Education (IGNOU)

- Intermediate (Bi.P.C) SNVMV

- SSC 71% Madapati Hanumantha Rao Girls High School.

**Experience** - Joined the Institution

2 nd August 1996- 28 February 1998 and

1 st July 2005- till date

### **2019-2020:**

Paper presentation:

Presented paper on **“Incidence of Root Knot Nematode, Meloidogyne incognita on Tomato in Ranga Reddy District ”** at international conference on “ innovations and Applications in Basic and Applied Sciences for sustainable Development 2019” held at St.Pious X Degree and PG College for women and IMRF Institute of Higher Education and Research on 6th-7<sup>th</sup> December, 2019.

Attended faculty development program on **“Research methodology; Tools and techniques** organized by IIIM College of Engineering and Technology, Greater Noida, on 18th-22<sup>nd</sup> May,2020.

Attended webinar on Stem cells and their applications, organized by Dept of Zoology, SNVMV on 23rd May, 2020.

### **2020-2021:**

Attended ten days FDP on “ **Research Methodology**” organized by The Department of Business Management, RBVRR Women’s college in association with ICSSR from 28th December, 2020 to 6th January, 2021.

Attended five day webinar on “ **Research process: research problem to data analysis**” organized by V-Consultant, from 24 June 2021 -28 th June 2021.

Attended an online workshop on “**Research Ethics and Plagiarism**” jointly organized by learning resource center IQAC, Bennett University, Delhi, 7 th July 2021.

### **2022-2023:**

Attended an online workshop on “Research Ethics and plagiarism” jointly organized by learning resource center and IQAC, 7th July 2022.

#### **Paper Publications:**

- Published a paper in an International Journal of Recent Scientific Research **titled Incidence of Root knot Nematode (Meloidogyne incognita) in major solanaceous crops in Ranga Reddy District, Telangana State**, 28<sup>th</sup> January 2022.
- Published a paper in an International Journal of Research and Analytic reviews (IJRAR) titled **Correlation of Soil Parameters and presence of Root Knot Nematodes in Ranga Reddy District**, 5 May 2023.
- Published an international paper titled “A comparative study on the efficacy of Paecilomyces lilacinus, Castor cake and grafting for the management of root-knot nematode Meloidogyne incognita in tomato - The superiority of grafting as a nematode control strategy” in an International Journal of Multidisciplinary Education and Research, 19 June 2023.
- Published an article titled “To study the effect of Cadmium chloride on the level of oxidative stress markers in Channa punctatus” in an International Journal of Fisheries and Aquatic Research, 9 June 2023.

**Mrs. MUTHYALA PRASHANTHI**

M. Prashanthi

Associate professor

Ph. No : 8341366705

muthyalaprashanthi574@gmail.com

**OFFICE ADDRESS**

Sarojini Naidu Vanita Maha Vidyalaya

Exhibition Grounds

Nampally , Hyd. 500008.

**EDUCATION :**

M.Sc (Zoology) Sarojini Naidu Vanita Maha Vidyalaya

B. Sc (Botany, Zoology, Chemistry) Koti women's, Hyd .

B. Ed Osmania university.

**EXPERIENCE :** Joined the institution. 07/ 07/ 2016 - till date



# GALLERY

## Pet show



## Pet show participants with pets



# NATIONAL SCIENCE DAY CELEBRATIONS



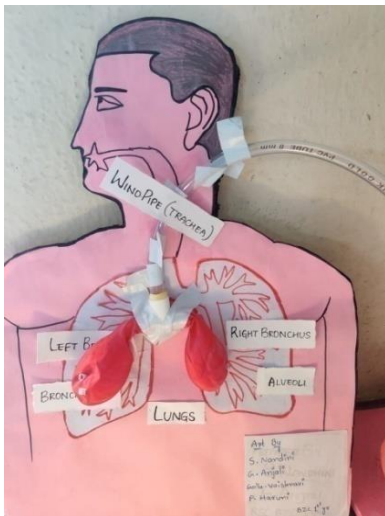


# Best practices

## Feeding the stray dogs in the Exhibition grounds



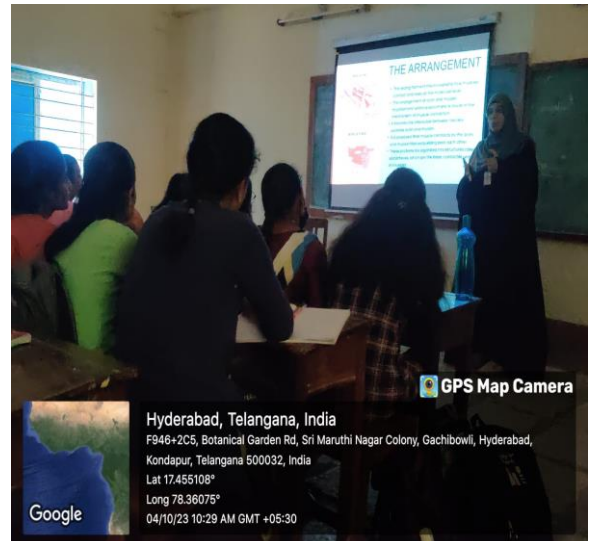
## LOW COST MODEL MAKING



## USE OF ICT TOOLS



## STUDENT SEMINARS



## FIELD VISITS



# Awareness Programmes

## Snake show



## BIRD WALK

