



IRIZ

INSPIRING RESEARCH & INSIGHTS IN ZOOLOGY



VOICE OF VIVANT



VOLUME 1 | ISSUE 1
INAUGURAL EDITION
ACADEMIC YEAR 2026 - 2027

VIVANT CLUB ANTHEM: FAUNA FRIENDS

Verse 1

In the world of life so wide,
Creatures walking side by side,
From the oceans deep and blue,
To the forests fresh with dew.
Tiny cells to giants tall,
Nature's wonders call us all.

Chorus

Fauna Friends, we learn and grow,
Discovering life wherever we go.
From wings that fly to fins that glide,
Nature's secrets are our guide.
Fauna Friends, proud and strong,
Studying life all along.

Verse 2

Microscopes and field surveys,
Learning new things every day,
Protecting wildlife, land and sea,
Building a world in harmony.
Science leads us on our way,
For a greener, brighter day.

Chorus

FaunaFriends, we learn and grow,
Discovering life wherever we go.
Fromwings that fly to fins that glide,
Nature's secrets are our guide.
FaunaFriends, proud and strong,
Studying life all along.

Bridge

Together we explore and care,
For every creature everywhere,
Knowledge, passion, curiosity,
That's the spirit of Fauna Friends.

Final Chorus

Fauna Friends, shining bright,
Exploring nature day and night.
With science, hope and unity,
We protect life's diversity.

Lyrics By:

Dr. Jyothi Rani Marri

(Music Assistant with AI)

ABOUT THE DEPARTMENT



Exploring the Essence of Life

"Somewhere, something incredible is waiting to be known." – Carl Sagan

Established in 1962, the Department of Zoology has been a hub of academic excellence and scientific exploration. Our highly qualified and experienced faculty are dedicated to fostering knowledge, skill development, and innovation. They actively participate in seminars and workshops, broadening their expertise, building professional networks, and maintaining motivation. Our teaching methodology integrates fundamental and applied Zoology, enhanced with demonstrations, models, videos, and hands-on experiments in our state-of-the-art wet laboratory. Leveraging modern advancements, we offer Darwin Virtual Laboratory, allowing students to access e-resources and virtual dissections via DigiFrog software. The museum collection showcases an array of specimens—from protozoa to mammals, including human skeletons and animal bones, supporting osteological studies. To enhance learning beyond textbooks, the department collaborates with NGOs, research institutes, and academic organizations. We host seminars, workshops, guest lectures, field visits, and outreach programs, providing students with hands-on scientific engagement and real-world exposure. Through our commitment to academic excellence, innovation, and environmental conservation, the Department of Zoology continues to inspire curiosity and expand the frontiers of biological science.



To advance zoological research, education, and conservation by deepening the understanding of animal diversity, ecology, and behavior, ensuring the preservation and sustainable coexistence of all species.



Our mission is to deliver quality education and training that equip students with a deep understanding of zoological principles while fostering analytical and critical thinking to inspire a passion for nature.



We aim to cultivate a scientific mindset that drives innovation and impactful research, unraveling the complexities of the animal kingdom and its vast diversity.



Through collaboration with local communities, research institutes, conservation organizations, and policy boards, we strive to promote sustainable practices that safeguard biodiversity and wildlife for a balanced and enduring coexistence.

MILESTONES

Department of Zoology.

**1962: Inception of the Department
Introduction of B.Sc. (B.Z.C.)**

**1977: Degree College shifts to new Campus
at Begumpet, Hyderabad**

**1987: Gold medal Instituted by Ms. Helen
Srinivasan**

2002 : Introduction of BtZC combination

2008: Star Department Award

2010: Initiated "Prakriti" Nature Club

2012: Golden Jubilee of the Department.

2013: Introduction of ANZC combination

2016 : Adoption of UGC-CBCS

2018 : Establishment of Darwin Virtual Lab

2022: Diamond Jubilee of the Department.

2024: Received DBT Grant

2025: Premier software purchased

**2026: MoU with Geneome Foundation
MoU with Neeradi Biosciences Pvt Ltd
Initiated 'Vivant' Zoology club
Initiated certificate course in
Freshwater pearl Culture**



Former HoD's

Mrs. Susheel Gir HoD: 1962-1985.

Mrs. Helen Srinivasan HoD: 1985-1994.

Dr. Anita Bhandarkar HoD:1994-2004.

**Mrs. P. C. Nirmala Thomas
HoD: 2004-2018.
Academic Dean: 2014-2016.
CoE: 2017-2019.**

Dr. Phoola Dhar CoE: 2001 to 2003.

Dr.Vidya Jayaram HoD: 2018 to 2023.

Dr.Jyothi Rani HoD: 2023 - till date



Present Faculty

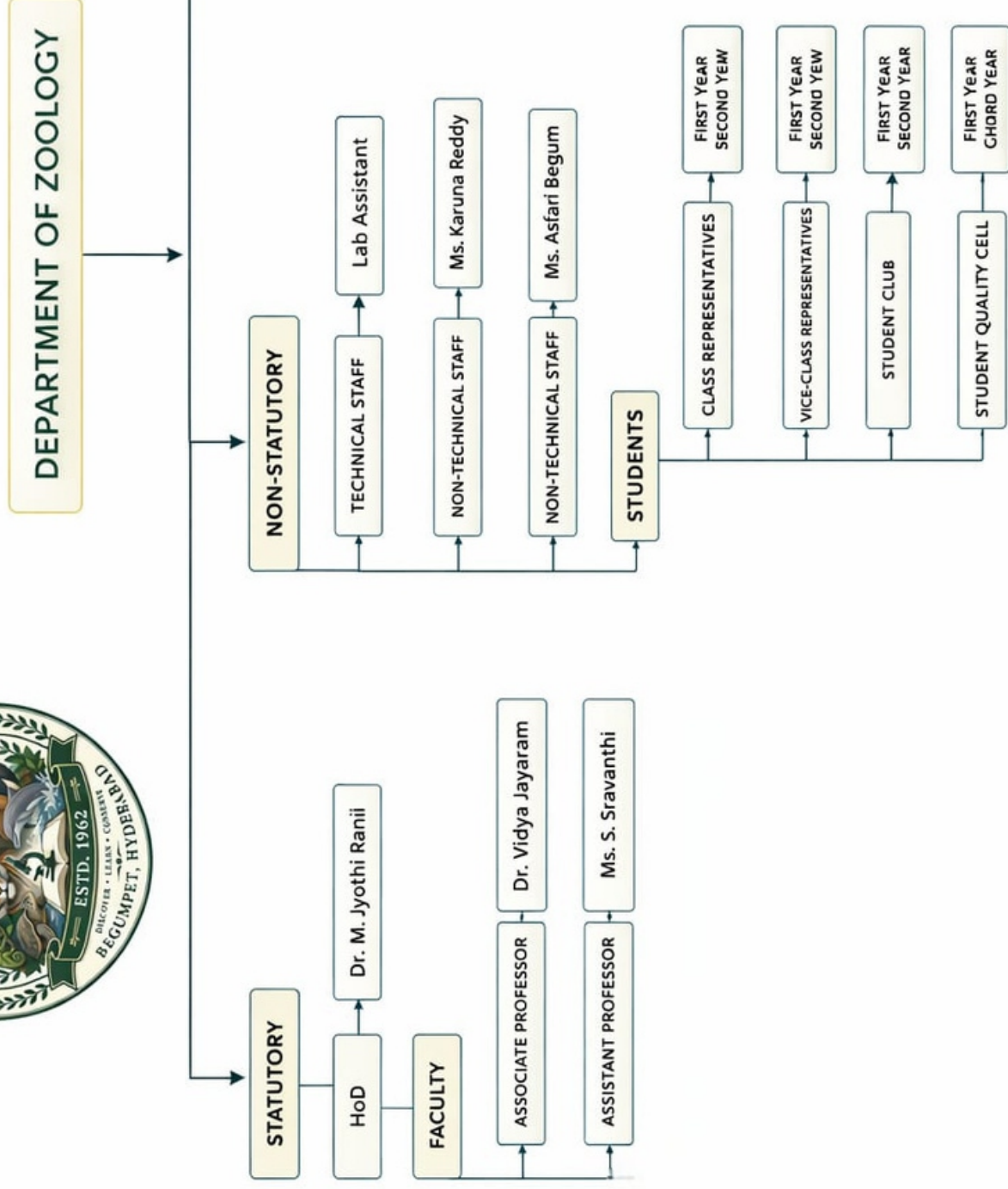
Dr Jyothi Rani Marri - HoD

Dr. Vidya Jayaram - Associate Professor

Ms. S. Sravanthi - Assistant Professor



Zoology Department Organogram





"Every great scientific journey begins with a question, grows through curiosity, and transforms lives through discovery."

It is with immense pride, gratitude, and excitement that I welcome you to the inaugural edition of IRIZ - Inspiring Research and Insights in Zoology, launched in conjunction with the inauguration of our Department of Zoology Club, VIVANT.

Today marks a significant milestone in the history of the Department of Zoology. The birth of VIVANT is more than the establishment of a student club—it is the beginning of a shared vision to create an engaging academic community where learning extends beyond classrooms, ideas are exchanged freely, and every student is encouraged to explore the marvels of the living world. Rooted in the spirit of life, growth, and vitality, VIVANT will serve as a platform to inspire scientific thinking, leadership, innovation, teamwork, and environmental stewardship.

The release of IRIZ is equally special. Just as the iris of the eye enables us to perceive the beauty and complexity of the world, our newsletter seeks to provide a window into the exciting realm of zoological sciences. Through its pages, we aim to celebrate research, document achievements, encourage scientific writing, highlight biodiversity, and inspire a culture of inquiry among our students and faculty.

In an era where science continually reshapes our understanding of life, it is our responsibility to cultivate minds that are not only knowledgeable but also compassionate, ethical, and committed to the welfare of humanity and the conservation of biodiversity. I hope that every issue of IRIZ will ignite curiosity, stimulate meaningful discussions, and motivate our students to become future researchers, educators, conservationists, and leaders.

This achievement would not have been possible without the unwavering support of our Management and Principal, the dedication of our faculty members, the enthusiasm of our students, and the encouragement of our academic collaborators and well-wishers. I extend my heartfelt appreciation to everyone whose efforts have transformed this vision into reality.

As we inaugurate VIVANT and unveil the first edition of IRIS, let us embrace this new beginning with passion, purpose, and perseverance. May this initiative continue to inspire generations of learners to seek knowledge, value scientific temper, and contribute meaningfully to society through the study of life.

"May every observation kindle curiosity, every question inspire research, and every discovery illuminate the path toward a better tomorrow."

With my best wishes for the enduring success of VIVANT and IRIZ.

**— Dr. Jyothi Rani Marri
Head, Department of Zoology**



It gives me great pleasure to extend my warm greetings on the release of **IRIZ** – Inspiring Research and Insights in Zoology, the newsletter of the Department of Zoology.

Since its establishment in 1962, the Department of Zoology has consistently upheld a tradition of academic excellence, scientific inquiry, and commitment to environmental stewardship. The department's vibrant club, **VIVANT** (Visionary Innovators for Vital Animal Nature and Taxonomy), reflects its vision of nurturing curiosity, innovation, leadership, and a deep appreciation for the living world.

A newsletter is more than a record of achievements; it is a reflection of the intellectual life of a department. I am confident that **IRIZ** will serve as an inspiring platform to showcase research, academic accomplishments, extension activities, and the creative talents of our students and faculty. May it encourage a spirit of exploration, critical thinking, and scientific communication among all its readers.

I congratulate the Head of the Department, faculty members, student editors, and everyone who has contributed to this wonderful initiative. I wish **IRIZ** every success and hope it continues to inspire generations of young zoologists to observe, discover, and serve the world through science.

- Prof. Uma Joseph

Principal
St. Francis College for Women



“Life is a gift, and understanding life is a responsibility.”

It gives me immense joy to extend my heartfelt greetings on the inauguration of VIVANT – The Zoology Club. The name VIVANT, derived from the French word meaning "alive" or "living," beautifully reflects the essence of Zoology and reminds us that every living organism-from the tiniest microorganism to the largest mammal-has a unique place and purpose in the intricate web of life.

A Zoology Club is much more than an academic forum; it is a platform that awakens curiosity, nurtures scientific inquiry, inspires research, and cultivates a deep respect for biodiversity and the environment.

In a world facing increasing ecological challenges, the study of life calls us to become responsible custodians of creation. As students of St. Francis College, may VIVANT encourage you not only to excel in scientific knowledge but also to embrace compassion, ethical responsibility, and a commitment to conserving the rich diversity of life that God has entrusted to humanity. May this club become a vibrant space where ideas flourish, discoveries are celebrated, and future scientists, researchers, educators, and conservationists are inspired to make a meaningful difference.

I wholeheartedly congratulate the Department of Zoology, the faculty, and the students on this wonderful initiative, and I wish VIVANT every success in its journey of learning, discovery, and service to life. As the saying goes, "To understand life is to value it; to value life is to protect it." May God bless VIVANT and everyone associated with this inspiring endeavour. My best wishes and heartfelt congratulations to all.

**- Sr. Carmali Thaniath
(correspondent)**



“The study of nature inspires not only knowledge but also responsibility, innovation, and a commitment to preserving life in all its diversity.”

It is with immense pride and great pleasure that I extend my heartfelt greetings to the Department of Zoology on two remarkable milestones—the inception of its student club, VIVANT – Visionary Innovators for Vital Animal Nature and Taxonomy, on 20th July 2026, and the release of the inaugural edition of IRIZ – Inspiring Research and Insights in Zoology.

The establishment of VIVANT is a visionary initiative that reflects the department's commitment to nurturing scientifically informed, socially responsible, and environmentally conscious students. The club provides a vibrant platform for experiential learning, research, field exploration, biodiversity conservation, and community engagement.

It will inspire students to cultivate scientific curiosity, research aptitude, innovation, leadership, and a deep appreciation for the diversity and sustainability of the natural world. They also contribute meaningfully to the United Nations Sustainable Development Goals, particularly SDG 4 (Quality Education), SDG 13 (Climate Action).

Complementing this significant initiative is the launch of IRIZ – Inspiring Research and Insights in Zoology, the department's official newsletter. The publication of IRIZ marks another important milestone in the academic journey of the Department of Zoology.

It will serve as a dynamic platform for documenting, showcasing, and disseminating the department's academic achievements, research contributions, extension activities, outreach programs, student accomplishments, and innovative practices.

More than a record of events, IRIZ will foster scientific communication, creativity, collaboration, and the exchange of ideas, inspiring students and faculty to pursue excellence in teaching, learning, research, and service.

I wholeheartedly congratulate the Head of the Department, the dedicated faculty members, the editorial team, student coordinators, and all those whose vision, commitment, and collective efforts have made these initiatives a reality. I am confident that VIVANT will nurture future scientists and environmental stewards, while IRIZ will emerge as a distinguished platform celebrating scholarly excellence, innovation, and the vibrant academic culture of the Department of Zoology.

May these initiatives continue to inspire generations of learners to explore, discover, innovate, and contribute towards building a sustainable and scientifically enlightened society.

With my best wishes for every success.

**- Dr. Anitha Thomas
(Vice Principal)**



It is a matter of great pride to witness the continued growth of the Department of Zoology, established in 1962, through initiatives such as VIVANT, their club and the launch of IRIZ – Inspiring Research and Insights in Zoology.

VIVANT provides an excellent platform for nurturing scientific curiosity, environmental consciousness, research aptitude, and leadership among students. IRIZ reflects the department's commitment to documenting academic excellence, research and student achievements while fostering scientific communication and creativity.

I congratulate the Department of Zoology, the faculty and the student editorial team for this commendable initiative. I am confident that these efforts will inspire our students to pursue knowledge with passion, innovation, and responsibility towards society and the environment.

My best wishes to the entire team for the continued success of VIVANT and IRIZ.

**- Dr. Usha Praveena
(Dean of Science)**

STATE-OF-THE-ART VIRTUAL LABORATORY

DARWIN Virtual Laboratory Established in 2018. The Department of Zoology is committed to integrating technology with life science education through its Virtual Laboratory, providing students with an innovative and interactive learning experience.

The laboratory features a Digital Frog, which enables students to explore frog anatomy and perform virtual dissections in a realistic three-dimensional environment. This ethical and eco-friendly approach enhances anatomical understanding while minimizing the use of animal specimens.

The department also uses the Science Matrix software, an advanced digital learning platform that offers interactive animations, simulations, virtual experiments, and self-assessment modules across various zoological disciplines. These digital resources make complex biological concepts easier to understand and foster experiential learning.

By combining modern technology with conventional teaching methods, the Virtual Laboratory promotes curiosity, scientific inquiry, and practical understanding, equipping students with the knowledge and skills required for higher education, research, and professional careers in the life sciences.



DEPARTMENT OF ZOOLOGY MUSEUM

The Department of Zoology proudly houses a well-maintained Zoology Museum, serving as a dynamic learning resource that bridges theoretical knowledge with practical understanding. The museum showcases an extensive collection of preserved specimens representing diverse animal groups—from Protozoa to Mammalia—including invertebrates, vertebrates, developmental stages, and economically important organisms. It also features an impressive collection of skeletal materials and bones ranging from fishes to mammals, enabling students to study comparative anatomy and evolutionary relationships. In addition, the museum displays developmental biology specimens, DNA models, and a variety of academic artifacts that enrich the teaching-learning process. This invaluable repository promotes observation, inquiry, and scientific curiosity, providing students with hands-on exposure that strengthens their understanding of zoological concepts and inspires a deeper appreciation for biodiversity and life sciences.



OUR PARTNERS



Internships



Research Projects



Certificate Courses



Workshops &
Seminars



Industrial Visits



Certificate Courses
(Freshwater Pearl Culture)



Hands-on Workshops
(Nuclei Implantation Techniques
in Pearl Culture)



Seminars
(Expert Talks & Knowledge
Sharing)



Industrial / Field Visits
(Pearl Farms & Hatcheries)

Vivant zoology club

Motto:

"Live and Let Live"

Vision:

To inspire scientifically curious, environmentally responsible, and compassionate individuals committed to understanding and conserving life.

Mission:

To provide opportunities for learning, research, skill development, conservation, and community outreach through diverse zoological activities.



VIVANT

*Visionary Innovators for Vital
Animal Nature and Taxonomy*

AIM

To nurture scientific curiosity, environmental consciousness, research aptitude, and leadership among students by providing a dynamic platform for experiential learning, innovation, and community engagement in the field of Zoology.

OBJECTIVES



1

To promote interest and excellence in Zoology through academic and co-curricular activities.



2

To encourage scientific inquiry, critical thinking, and research among students.



3

To organize seminars, workshops, guest lectures, field visits, industrial visits, and hands-on training programmes.



4

To foster awareness on biodiversity conservation, wildlife protection, environmental sustainability, and public health.



5

To develop leadership, teamwork, communication, and organizational skills through student-led initiatives.



6

To strengthen collaborations with research institutions, industries, NGOs, and professional organizations through MoUs and joint activities.



7

To provide opportunities for skill development, internships, entrepreneurship, and career guidance in life sciences.



8

To inspire students to contribute to society through outreach programmes and citizen science initiatives.



IRIZ

*Inspiring Research and
Insights in Zoology*

DEPARTMENT NEWSLETTER



AIM

To serve as a platform for documenting, showcasing, and disseminating the academic, research, extension, and student activities of the Department of Zoology while fostering scientific communication and creativity.



OBJECTIVES



1

To publish departmental achievements, events, research activities, and student accomplishments.



2

To encourage students and faculty to develop scientific writing and communication skills.



3

To provide a forum for sharing research articles, review articles, field observations, and innovative ideas in Zoology.



4

To create awareness about recent advances, emerging trends, and career opportunities in biological sciences.



5

To promote collaboration and exchange of knowledge among students, faculty, alumni, and researchers.



6

To inspire innovation, creativity, and lifelong learning through regular scientific publications.



7

To document the department's milestones and preserve its academic legacy.



8

To cultivate a culture of research, publication, and intellectual excellence within the department.

FACES OF VIVANT

President

Vanshika Bandaru
B.Sc. IIIA BTZC – 121324051006

Vice President

Bhoomi Sunil Chheda
B.Sc. IIA BTZC – 121325051007

Secretary

Amatul Rouf Ahmed
B.Sc. IIIN – 121334053002

Joint Secretary

Huma Siddiqui
B.Sc. IIA BTZC – 121325051012

Treasurer

Lekkapogu Sowmya
B.Sc. IIIA BZC – 121324041006

Sponsorship

M.S.Sanjana
B.Sc. IIIA BTZC - 121324051018

Academic Coordinator

M. Keerthana Yadav
B.Sc. IIIA BTZC – 121324051017

Arava Satya Tulasi
B.Sc. IIIN – 121325053003

Research & Innovation

Coordinator
B. Sowmya
B.Sc. IIIA BTZC – 121324051005

Mariya Mehvish
B.Sc. IIA ANZC - 121325053018

Biodiversity & Conservation Coordinator

Anuradha Mandal
B.Sc. IIIA BTZC – 121324051004

Siya Bharwani
B.Sc. IIA BZC – 121325041003

Field Visit Coordinator

CH. Hema Chaya
B.Sc. IIIA BTZC – 121324051007

P. Sai Medha Sharvani
B.Sc. IIIN – 121325053022

Wildlife Documentation Team

G. Lydia Dhanyatha
B.Sc. IIIA BTZC – 121324051011

Neharika Borugadda
B.Sc. IIA BZC – 121325041011

Eco-Club Coordinator

Neha Yadav
B.Sc. IIIA BTZC – 121324051015

Sathwika Singh
B.Sc. IIA BZC – 121325041013

Public Relations Officer

Tisha Modi
B.Sc. IIIA BTZC – 121324051030

Syeda Batool Kazmi
B.Sc. IIIN – 121325053030

FACES OF VIVANT

Social Media & Communications Coordinator

Nida Fatima
B.Sc. IIN – 121324053014

Akshita Kadian
B.Sc. IIA - 121325041001

Cultural & Choir Coordinator

Myren
B.Sc. IIN – 121324053029

Angelina John
B.Sc. IIN – 121324053003

Publication Editor

Nandagiri Rahini
B.Sc. IIIA BTZC – 121324051021

Syeda Arfia Tazeen
B.Sc. IIA BTZC – 121325051028

Volunteer & Outreach Coordinator

Sai Rakshitha
B.Sc. IIIA BTZC – 121324051019

D. Deena Spandana
B.Sc. IIN ANZC – 121325053009

Photography & Media Coordinator

Jennifer
B.Sc. IIN ANZC – 121324053009

Roisin Precious Kullu
B.Sc. IIA BTZC – 121325051024

Event Management Team

Akshitha Palate
B.Sc. IIN ANZC- 121324053016

Eddula Siri Chandana
B.Sc.IIN ANZC- 121325053010

CONTACT US



vivant.sfc@gmail.com



[@vivant.sfc](https://www.instagram.com/@vivant.sfc)

Core Committee VIVANT Club 2026 - 2027



Congratulations....



“

*The heavens declare
the glory of God; the skies
proclaim the work of His hands.*

– Psalm 19:1

”

*Study life.
Protect life.
Celebrate life.*



Acknowledgements

The Department of Zoology and the Editorial Board gratefully acknowledges the encouragement of the Principal & Management - st. Francis college for women Begumpet, students, and our academic collaborators for making this inaugural edition of IRIZ possible.