



ZEPHYR

2022-23

**Department of Zoology
St. Ann's College For Women
Mehdipatnam, Hyderabad**

"Bloom where you are planted."

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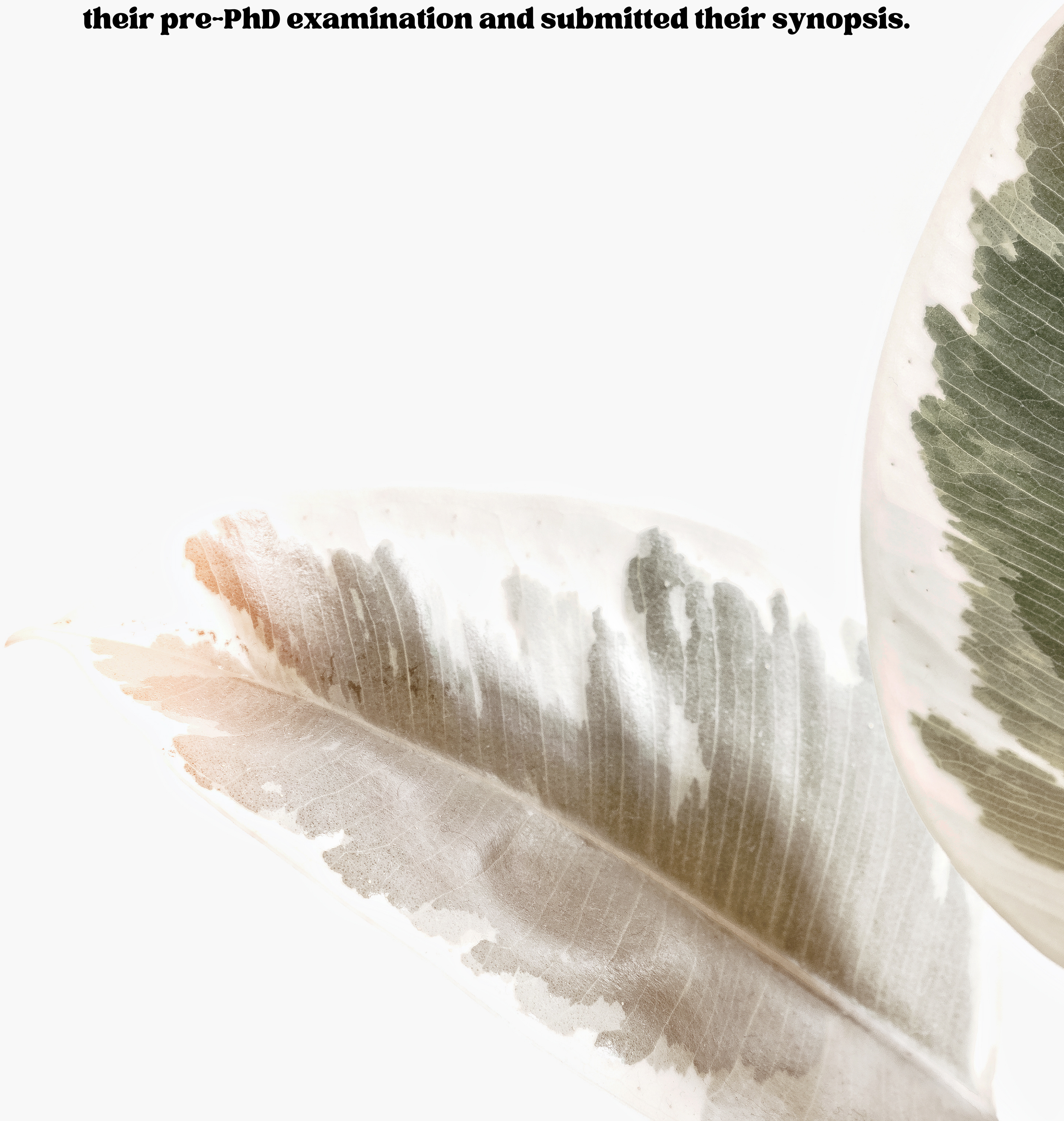
Research @ Zoology

- **Members of the department are actively involved in research work.**
- **The total of 8 research papers were published by the faculty in Springer, Scopus,ESCI and UGC Care listed journals.**

Research Projects

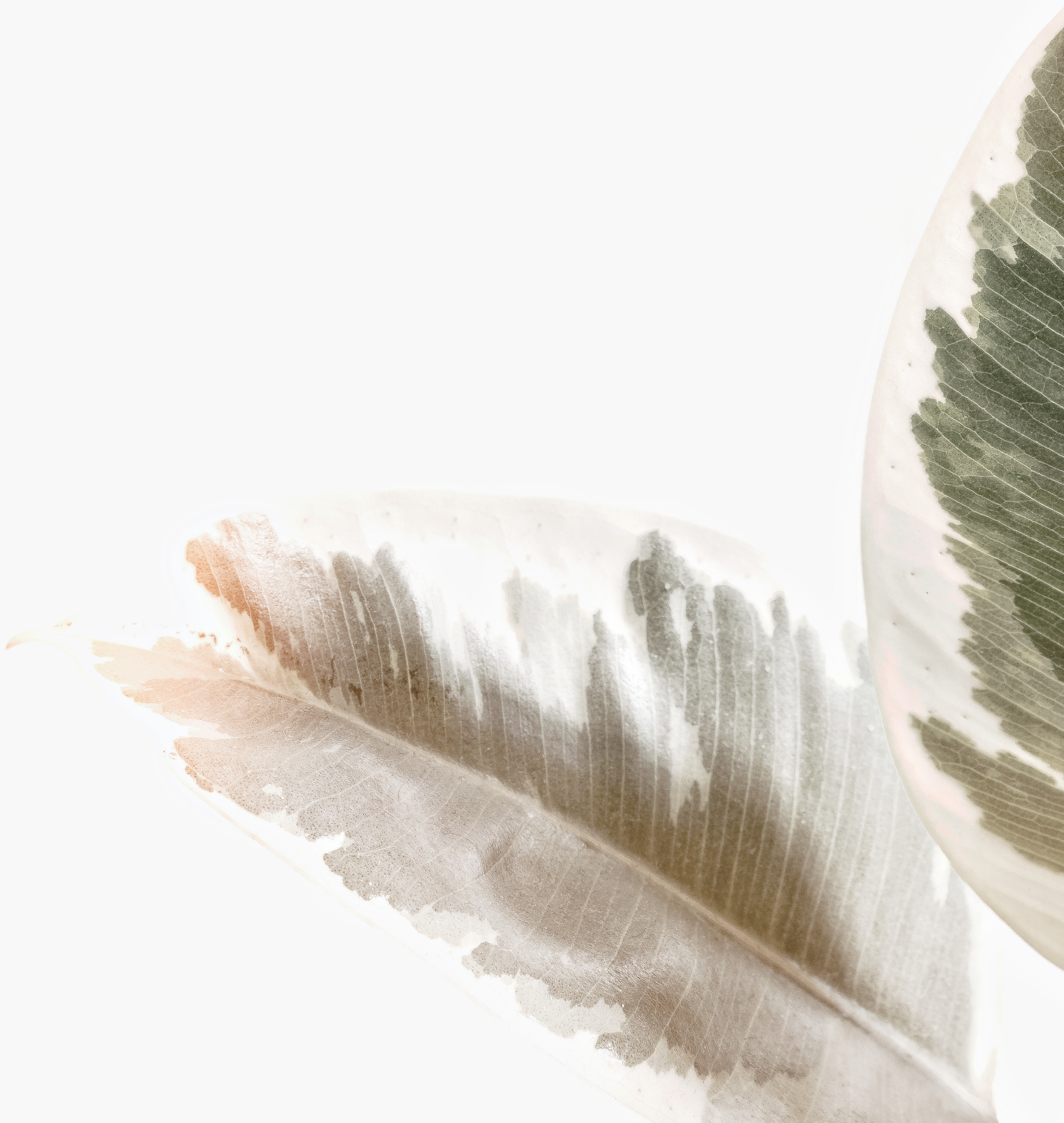
- **Department of Zoology sanctioned a grant of 22, 00,000/- under DBT-Star College scheme project by Department of Biotechnology, New Delhi for three years 2020-23 and submitted project Report, Utilization certificate & Statement of expenditure for evaluation in the year 2022 for the first received grant.(Tenure of scheme was completed & Consolidating data for sending final report).**
- **Dr.Divya Deepthimahanthi & Dr.Tasneem Jahan completed the research project sanctioned by NCERT and submitted complete project report for evaluation to NCERT, New Delhi in the year 2022.**

- **Mrs.Juvaria Azmath & Mrs.N.Kavya sanctioned a grant of 22,000/-for Ann's research project in the year 2021-22 and submitted the report.**
- **Mrs.Juvaria Azmath and Mrs.N.Kavya successfully completed their pre-PhD examination and submitted their synopsis.**



Digitization of Museum

- **Digitization of Museum -"Animalia"as a part of DBT star College Scheme.**



COMPETITIONS

National level Painting Competition-“Aangna me phir aaja re

- **“The Department of Zoology under Avi-Anns Birds Club organised a painting competition on Conservation of Birds on 21st December on the occasion of “Annofesta” 2022. Around 10 students participated in the competition in both online as well as offline.**



MOSQUITO CAMPAIGN

- **Mosquito Awareness Programme-“Beat the Blood Suckers”**an awareness programme was conducted for the school students of Government High School, Bojagutta on 14th October 2022 on the topic “Beat the Blood Suckers”.



10, Noor Ghat, Navodaya Colony, Mehdiapatnam,
Hyderabad, Telangana 500028, India

Latitude

17.38678065°

Local 11:07:16 AM

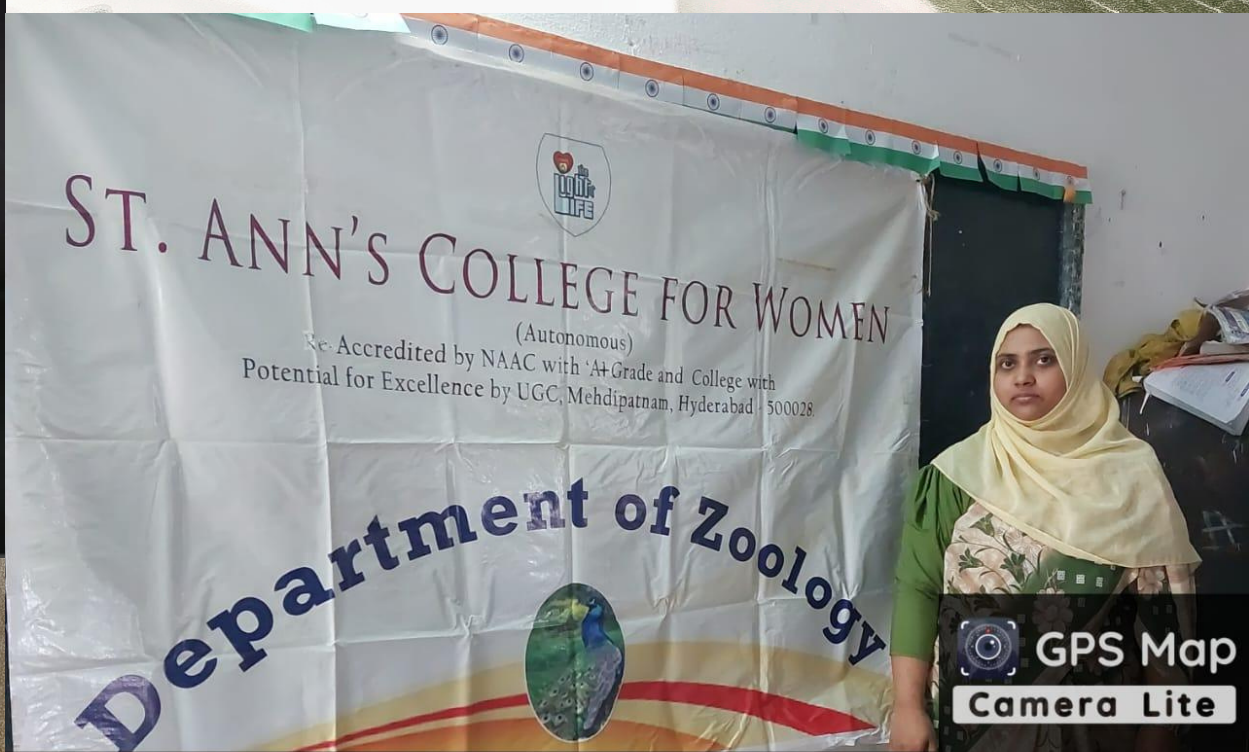
GMT 05:37:16 AM

Longitude

78.43282877°

Altitude 9.68 meters

Friday, 14.10.2022



10, Noor Ghat, Navodaya Colony, Mehdiapatnam,
Hyderabad, Telangana 500028, India

Latitude

17.38682837°

Local 10:58:46 AM

Longitude

78.43285063°

Altitude 9.68 meters

BIRDS CLUB

Avi-Anns Birds Club- **Campaign on Conservation of birds**

- **The department of Zoology along with III year BZC and GCZ students conducted one month Campaign on Conservation of birds from 20th February to 20th March 2023.**



GREEN PRACTICE

LLIVOM-Live and Let Live with Vermicompost

-An organic manure

- **A sale of vermicompost was arranged in the college campus on 22nd August 2022.**



STARTUP

AQUANNS- A START-UP PROGRAM **(SALE OF AQUARIA)**

- **The department has started a startup- Aquanns (sale of Aquaria) in 2019 which is continuing.**
- **The primary objective is to provide the owner with an opportunity to pursue a captivating hobby and transform it into a part-time business. The Aquarium sale held on August 22, 2022, within the college campus.**






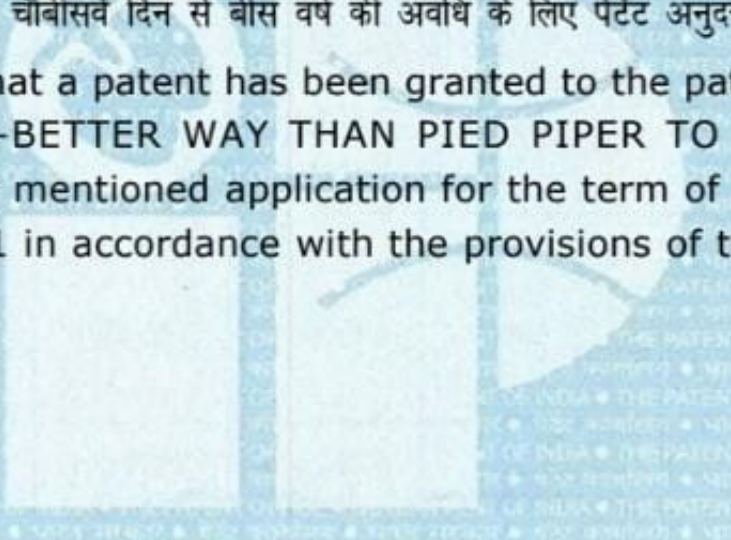

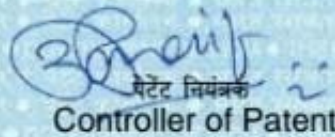
OPEN DAY OF LABORATORY

- **The Department of Zoology organized an “Open day of Laboratory” to 9th Class students of Government High School Bojjagutta, on the occasion of National science day 28th February 2023. the main aim of this open day of the laboratory is to inculcate the students about the museum specimens of different phyla and to show how the virtual dissection are carried out.**



PATENT

- **Dr.Divya Deepthimahanthi filed and granted a patent titled “
RAT-O-LATE (RhodenticideConcoction) with application
number 202141060467 by Patent office, Chennai, Intellectual
Property India in the year 2022-23**

		क्रमांक : 044147154 SL No :
INTELLECTUAL PROPERTY INDIA PATENTS DESIGNS TRADE MARKS GEOGRAPHICAL INDICATIONS	भारत सरकार GOVERNMENT OF INDIA पेटेंट कार्यालय THE PATENT OFFICE पेटेंट प्रमाणपत्र PATENT CERTIFICATE (Rule 74 of The Patents Rules)	
पेटेंट सं. / Patent No.	:	413408
आवेदन सं. / Application No.	:	202141060467
फाइल करने की तारीख / Date of Filing	:	24/12/2021
पेटेंटी / Patentee	:	DIVYA DEEPTIMAHANTHI
<p>प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित RAT-O-LATE-BETTER WAY THAN PIED PIPER TO ERADICATE RATS नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख दिसम्बर 2021 के चौबीसवें दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।</p> <p>It is hereby certified that a patent has been granted to the patentee for an invention entitled RAT-O-LATE-BETTER WAY THAN PIED PIPER TO ERADICATE RATS as disclosed in the above mentioned application for the term of 20 years from the 24th day of December 2021 in accordance with the provisions of the Patents Act,1970.</p>		
		
		
अनुदान की तारीख Date of Grant	:	01/12/2022
		 पेटेंट नियंत्रक Controller of Patent
<p>टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, दिसम्बर 2023 के चौबीसवें दिन को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।</p> <p>Note. - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 24th day of December 2023 and on the</p>		

STUDENT PROJECT & INTERNSHIP

S.No	Name	Hallticket Number	Combination	Details of Programs/Activities- report with photos, signature of students
1	PreetiChaudhary Sameema Fatima Maryum Kareem Maseerah Nazneem Amatus Salam	120421445009 120421445013 120421445026 120421445034 120421445041	BZC /IV Sem	Effect of mosquito repellents on human health
2	Juveria Azmath Khan Shaik Suhana Insha Parvez Safa Mahboob Hafsa fatima	120421464001 120421464003 120421464012 120421464022 120421464023	NCZ/IV Sem	Assessment of Chlorine level in drinking water from different areas of Hyderabad
3	Tanvi Aditi Francis Pravara Nishikant Kaustuba C.Meghasri Khatija Anam Sana Tabassum Rupal Sharma Amreen Sultana Tayyaba Kausar	120421464031 120421464033 120421457016 120421457027 120421457015 120421457030 120421457017 120421457021 120421457019	NCZ, MCZ/ IV Sem	Chennai Exploration
4	Nissi Blossum	120420445044	BZC/VI Sem	Effect of Water quality on Zooplanktons in Different lakes of Nalgonda District, Telangana

STUDENT PROJECT & INTERNSHIP

INTERNSHIP

- **Department of Zoology in collaboration with Learn to upgrade[an online learning platform] organized various internship programs, around 29 students have enrolled and successfully completed 15 days internship program.**



GUEST LECTURE

- **The Department of Zoology organized a Guest Lecture on the topic : "Sparrows-Don't let them fade out" by Mrs.A Surekha, Deputy Director and Head of News, Doordarshan Kendra, Hon Secretary, Deccan Birders , Hyderabad, for 2nd and final year students on 6th August 2022 in A.V. Room at 10:a.m.**



- **Department of Zoology organized Guest lecture in Collaboration with ITC WOW and St. Pious X degree and P.G College for Women,Hyderabad Topic: WOW - (Wellbeing out of Waste) - Solid waste management practices Industry Academia Interactions on 23rd August 2022.**



GUEST LECTURE

- **The Department of Zoology organized a Career Counseling lecture for 2nd and 3rd year students on “Career in Life Sciences after Graduation” by Ms Sushmita Raj Nitta is an alumna of St. Ann’s College for Women. on 17th March 2023 in room no. 47 at 12:30 pm.**



FIELD TRIP

- **Field trip to Zoological survey of India on 17th February, 2023 on the occasion of “World Wetlands day”.**
- **Educational tour to Chennai from 26th to 28th January, 2023.**
- **Field trip to Mahavir Harina National Park on 17th September, 2022.**



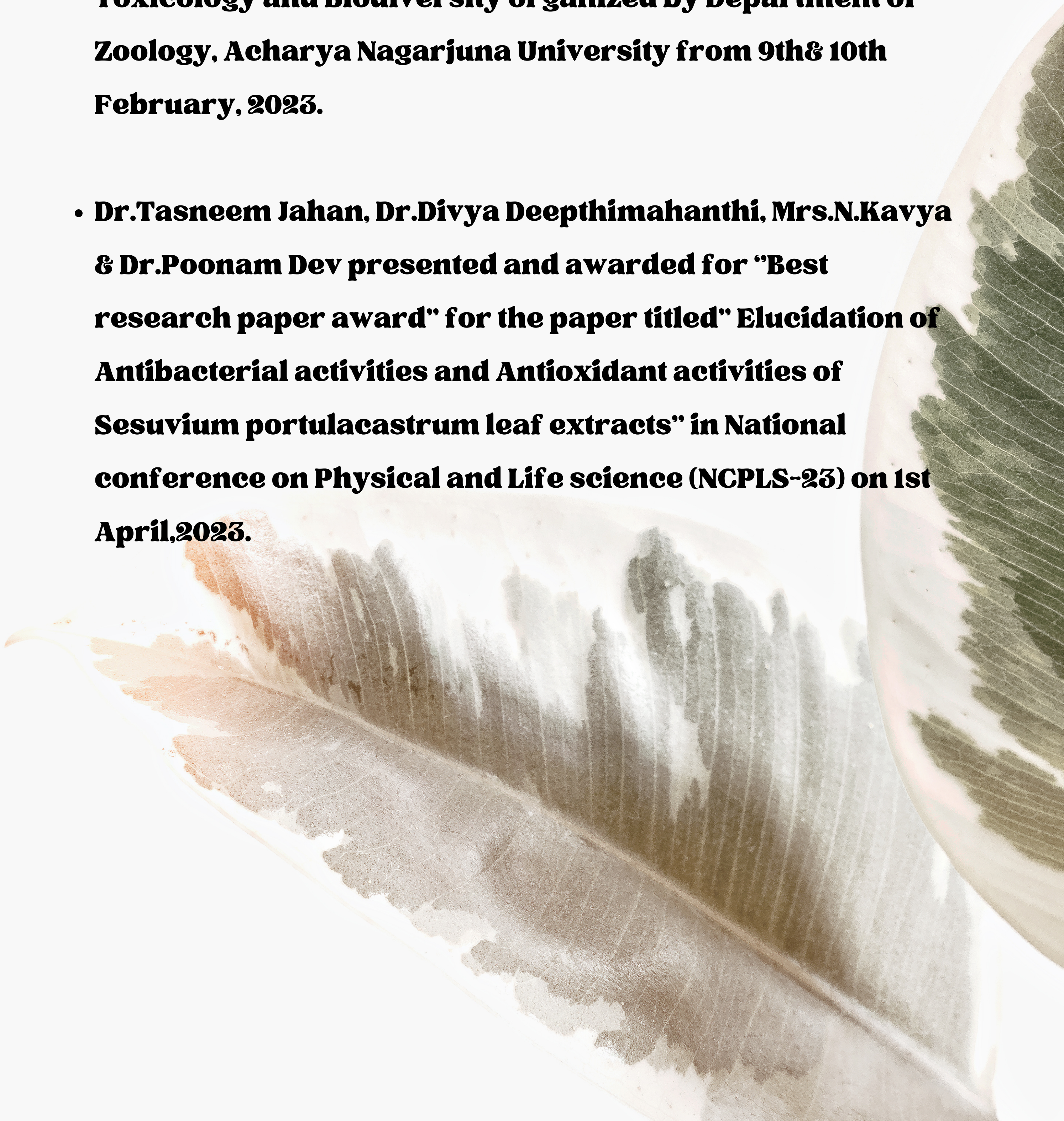
EXTERNAL SUBJECT EXPERT

- **Dr.Tasneem Jahan and Dr.Divya attended as 'External subject Expert' at St.Frances college for women ,Begument.**



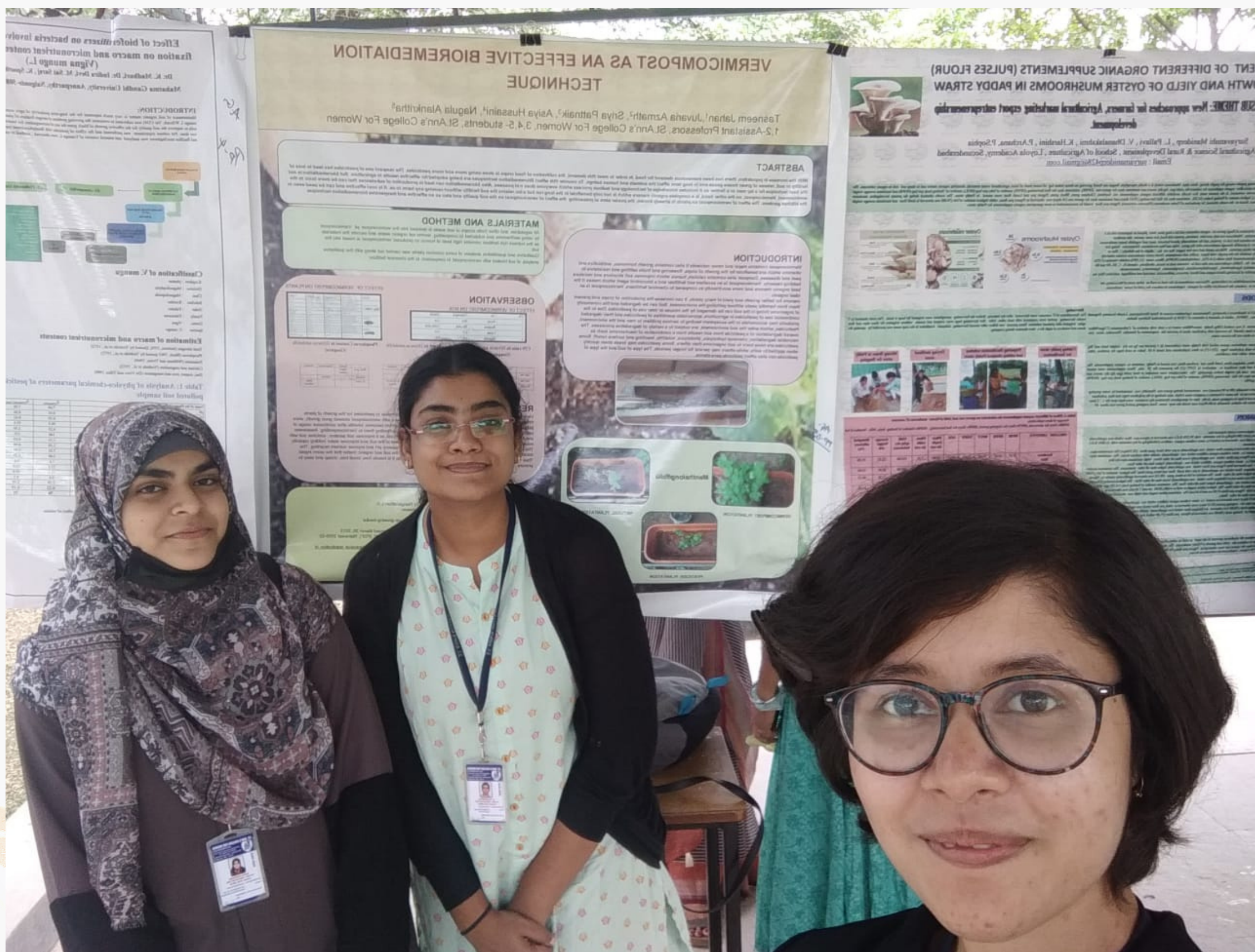
PRESENTATIONS

- **Dr.Divya Deepthimahanthi presented a paper titled “In vitro Antifungal activity of some Mangrove plant leaf extracts ” in UGC Sponsored National seminar on Immunology, Aquatic Toxicology and Biodiversity organized by Department of Zoology, Acharya Nagarjuna University from 9th& 10th February, 2023.**
- **Dr.Tasneem Jahan, Dr.Divya Deepthimahanthi, Mrs.N.Kavya & Dr.Poonam Dev presented and awarded for “Best research paper award” for the paper titled” Elucidation of Antibacterial activities and Antioxidant activities of Sesuvium portulacastrum leaf extracts” in National conference on Physical and Life science (NCPLS-23) on 1st April,2023.**



PRESENTATIONS

- **Dr.Tasneem Jahan and Mrs.JuvariaAzmath presented poster on “Vermicompost as an Effective Bioremediation Technique” in a Three Day Interdisciplinary International Conference On Current Trends In Applied Sciences on 1-3 September 2022, organized by Loyola Academy, Degree & PG college Secunderabad.**



FDP & SEMINAR

- **The members of the Department have actively participated in 7 Seminars/Conferences, 3 FDP and 3 workshops in addition to it many other short term courses.**



AWARDS

- **Dr.Tasneem Jahan, Dr.Divya Deepthimahanthi, Mrs.N.Kavya & Dr.Poonam Dev** awarded best research paper on Elucidation of Antibacterial activities and Antioxidant activities of Sesuvium portulacastrum leaf extracts in National conference on Physical and Life science (NCPLS-23) in Virtual mode on 1st April,2023.
- **D.Divya Deepthimahanthi** was awarded with degree of Ph.D. in Zoology from Acharya Nagarjuna University in the year 2022-23.

ACHARYA NAGARJUNA UNIVERSITY

Sl.No. 000698

Ref. No. ANU/RC/Ph.D./Zoology
/DMD/3617/Feb. 2022

PROVISIONAL CERTIFICATE

This is to Certify that

Sri/Smt./Kum. Deepthimahanthi Divya

S/o. / D/o. DSR Chandra Rao

has qualified himself / herself for the award of the Degree of Doctor of Philosophy by Research for the Thesis submitted by him/her entitled EXPLORING THE ANTIBACTERIAL POTENTIAL OF BIOACTIVE COMPOUNDS EXTRACTED FROM BRUGUIERA CYLINDRICA (L) AND EXCOECARIA AGALLOCHA (L) LEAF EXTRACTS AGAINST PSEUDOMONAS AERUGINOSA INFECTION IN LABEO ROHITA (HAMILTON, 1822) FINGERLINGS

and that he/she has done all that is necessary for the formal presentation for the Degree of Doctor of Philosophy in Zoology

in the Faculty of Natural Sciences

with effect from 22-06-2022

The Degree has been awarded in accordance with UGC Regulations 2009

Nagarjuna Nagar

Dated 23-06-2022

Initials of the } Prepared : 23/06/22
Clerk who } Examined : 23/06/2022

23/06/22
CO-ORDINATOR
Research Cell

INSTITUTED GOLD MEDALS FROM
DEPARTMENT

