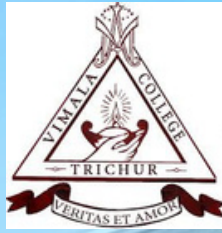


VIMALA COLLEGE
(AUTONOMOUS) THRISSUR



ZOO WALLERIA

FROM THE DEPARTMENT OF ZOOLOGY

NEWSLETTER

2024-2025





ABOUT THE COLLEGE



Vimala College, (Autonomous), Thissur Established in 1967. It has been a cornerstone of women's education, blending academic excellence with cultural heritage. Spread over 26 acres in the heart of Kerala, the college is managed by the Nirmala Province of the Congregation of Mother of Carmel (CMC) under the Catholic Archbishop of Thrissur. Dedicated to empowering young women, Vimala College has consistently upheld its reputation as a premier institution. The college received Five-Star status of NAAC in 2001 and has maintained its academic distinction through successive re-accreditation cycles, securing an A+ grade with a CGPA of 3.45 in 2023. It was granted autonomy by the UGC in 2015 and was recognized as a "College with Potential for Excellence" in 2016. The institution also received ISO certification in 2015. Strengthening its scientific education, six science departments were selected under the DBT STAR College Scheme in 2019. And the college benefits from RUSA, DST-FIST, and CURIE initiatives. Encouraging research and entrepreneurship, the Institution Innovation Council (IIC), established in 2020, fosters innovation and start-ups. In 2024, Vimala College ranked 6th in KIRF, 80th in NIRF, and secured top positions in ICARE and India Today-MDRA rankings. With a legacy of academic brilliance and social commitment, Vimala College continues to shape the future of women in higher education.

PRINCIPAL
DR. SR. BEENA JOSE



EDITOR'S NOTE



It is with great pride that I present Zoowalleria 2025 , our Department newsletter, showcasing the academic achievements, research innovations, and co-curricular initiatives of our faculty and students. Our students' active participation in field studies, hands-on training programs, and interdisciplinary collaborations has enriched their learning experience beyond the classroom. I extend my sincere appreciation to the dedicated faculty, and students whose relentless efforts have made this year remarkable. Let this newsletter serve as a testament to our collective commitment to scientific excellence, sustainability, and the advancement of zoological sciences.

Happy reading !

DR FEEBARANI JOHN
HOD, Associate professor
EDITOR-IN-CHIEF



ZOO WALLERIA

DEPARTMENT OF ZOOLOGY



Experience the 'Essence of Life'

"Awaken in students the intricacies of Nature and Conserve its Biodiversity"



1. B.Sc Zoology

2.M.Sc Zoology (Self) Specialization- Fishery Science

3.M.Sc Zoology (Aided) Specialization - Classification and structural organization animals , Cellular Physiology and Advance Developmental Biology



ZOO WALLERIA

FACULTY MEMBERS



DR FEEBARANI JOHN
HOD, Associate professor &
Research Guide



DR HONEY SEBASTIAN
Professor &
Research Guide



DR SHESRA P
Professor &
Research Guide



SR FRENY JACOB
Assistant Professor



DR BINDU K JOSE
Assistant Professor



DR SUMESH N V
Assistant Professor



DR ANILA K
Assistant Professor



DR DIXY B A
Assistant Professor



DR JOSHNA V K JHONSON
Assistant Professor



ALISHA K S
Assistant Professor



ANJALI C
Assistant Professor



SANDHYA P V
Assistant Professor



ZOO WALLERIA

FACULTY ACHIEVEMENTS



DR JOSNA VICTORIA K JOHNSON

Awarded PhD in Zoology from the University of Calicut, Malappuram on 25 September 2024

Congratulations



ZOO WALLERIA

Master Mentor



DR FEEBARANI JOHN

**Healthcare & Pharma, Climate Change, Open Talent
Vimala College, Thrissur**



Congratulations



ZOO WALLERIA

Leaving footprints of wisdom behind

To Our Smiling Queen Dr. Sheeba Miss

Dr. Sheeba, our beloved Smiling Queen, has been the heart of the Department of Zoology at Vimala College, Thrissur, from 2006 to 2025.

Her warmth, wisdom, and ever-present smile have inspired countless students and colleagues.

As she steps into retirement, we celebrate her incredible journey and wish her a future filled with happiness and new adventures.

Thank you for everything,
Ma'am!



DR SHEEBA P
PROFESSOR



DEPARTMENT ACHIEVEMENTS



- **First Prize in Interdepartmental Hand Written Magazine Competition**



STUDENT ACHIEVEMENTS

ADITHI JOSHI (II B.Sc Zoology)



- First prize in Mystery Book Hunt, competition held as part of library club fest INKOVA 2k24
- Second prize in solo song competition conducted by Department of Hindi

THAMANNA SHAJU (II B.Sc Zoology)



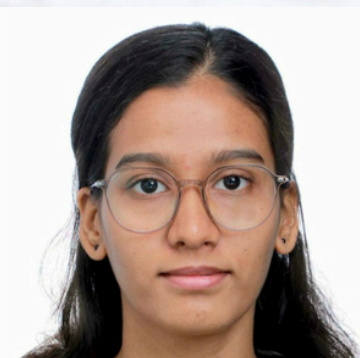
- First Prize in Book Review (English), Competition held as a part of Reading week celebration
- First prize in Mystery Book Hunt, competition held as part of library club fest INKOVA 2k24

ANAGHA S NAIR (II B.Sc Zoology)



- State level Winners - Young (K-DISC), 2024
- First Prize in Spelling Bee Competition
- First prize in Poet Snippets

ANJALI MADU (II B.Sc Zoology)



- Hindi Versification - 2nd prize - D' Zone Festival, University of Calicut
- First prize in English Essay Writing in Connection with Kerala Piravi
- English versification- 1st prize - Fine arts festival
- Fashion Show- 1st prize, competition held in connection with Christmas celebration



STUDENT ACHIEVEMENTS

ASWATHI K S (II B.Sc Zoology)



- First prize in Group Dance, Fine arts Festival, Vimala College (Autonomous), Thrissur

ANNA MARIA JOSE (II B.Sc Zoology)



- ICT Fencing Competition - Individual - Silver
- ICT Fencing Competition - Team - Gold
- Junior State Fencing Championship - Individual - Silver
- Junior State Fencing Championship - Team - Silver
- All India participation - Junior National participation
- District Fencing Championship Junior - Individual - Gold
- District Fencing Championship Senior - Individual - Gold
- Senior State Fencing Championship -Team - Bronze

APARNA RAVINDRAN (I M.Sc Zoology)



- Mappilapattu - Third prize in D -Zone

AAN MARY (II B.Sc Zoology)



- Western solo third prize In fine arts competition conducted at Vimala college 2024-25



STUDENT ACHIEVEMENTS

ARYA K NARAYANAN (II B.Sc Zoology)



- First prize in Hindi Essay writing, Fine arts Festival
- First prize in English Essay writing, Fine arts Festival

ADITHYA ASHOK (II B.Sc Zoology)



- State level Winners -Young Innovators Programme 5.0 conducted by (K-DISC), 2024

GAYATHRI K (II B.Sc Zoology)



- State level Winners - Young Innovators Programme 5.0 conducted by (K-DISC), 2024

HISANA NASRIN (II B.Sc Zoology)



- First Prize in Photography competition held in connection with Christmas celebrations



STUDENT ACHIEVEMENTS

NANDA K (III B.Sc Zoology)



- Dzone competition
 1. Classical music - first prize
 2. Malayalam recitation - first prize
 3. Semi classical music - second prize
 4. Kathakali sangeetham - second prize
- Interzone competition
 1. Classical music - third prize
 2. Semi classical music - third prize
- Secured first prize in Dzone and interzone classical music competition (2023-2024)
- Winner in the South zone inter University kalolsavam- YUVABHERI held at Andhra University, vishakhapatnam(2024)

KAVYA P L (III B.Sc Zoology)



- D zone Thiruvathira 3rd Prize and interzone A grade

NADIYA K NOUSHAD (I B.Sc Zoology)



- D zone Oppana 2nd prize and interzone A grade

(FATHIMA RUBAN (I B.Sc Zoology)



- D zone Oppana 2nd prize and interzone A grade



STUDENT ACHIEVEMENTS

RESHMA K P (II M.Sc Zoology)



- Represented University of Calicut in All India Interuniversity Yoga Championship held at Bhubaneswar Odisha and got selection to represent University of Calicut in Khelo India Interuniversity competition

VINAYA (I B.S c Zoology)



- D zone group song and patriotic song A grade

MIDHILA M (II M.Sc Zoology)



- Aspire Research Scholarship award

ADITI K P(II M.Sc Zoology)



- Aspire Research Scholarship award



ZOO WALLERIA

DAY CELEBRATIONS

**World Snake Day
July 16**



Awareness programme on snake was conducted on 22.07.2024 Mr.P.H Asharaf and Mr. jojo CT Snake rescuers, Thrissur district were the resource persons.

The programme included a variety of activities such as interactive session and, and audiovisual presentations on snake behaviour, habitat, and their role in maintaining ecological balance, Participants were informed about venomous and non-venomous species, first-aid measures for snake bites, and the Importance of snakes in controlling pest populations.



ZOO WALLERIA

World Organ Donation Day August 13



On 13th August 2024 Department of Zoology observed World Organ Donation Day. Ms. Kumari Devanandha PP (Youngest living organ donor in india) shared her experience. She is the youngest living. organ donor who donated liver to her father after legal figncs. She shared her troubles, financial pressure and health issues faced during the process of donation. UG and PG students and faculty members attended the program.



National Startup Day January 16



On the 13th of January 2025 the zoology department of Vimala College (Autonomous), Thrissur conducted a seminar on the topic-Towards finance self reliance The seminar was conducted by our resource person Ms. Sandhya Suresh Head of Land DESAF cooperative. We began our seminar with a silent prayer. The welcomie speech was delivered by Saranya S Nair of second year MSC zoology & Thamjitha of second year MSC zoology beutiffully introduced our chief guest. Ms. Sandhya Suresh an accomplished professional with extensive expertise in development communication, sustainable development, and learning and development. She holds a Master's degree in Development Communication from Gujarat University and is currently pursuing her PhD in Rural Development from Gandhigram Rural University. Throughout her lustrious career, Ms. Sandhya has contributed significantly to areas such as financial literacy, social performance management, and sustainable banking.



ZOO WALLERIA

ZOO FEST 2024 - SILVANUS



Silvanus-Zoofest Explore the wonders. was held on 22nd August in the Department of Zoology in connection with the science and arts fest Vismayam. The fest offered a variety of activities, games and was designed impeccably well to entertain and educate students from various educational institutions. A diverse line-up of fun activities and competitions such as quiz based on biodiversity, cartooning, poster making and clay modelling were held.

The students also had an opportunity to participate in games such as Zoofun, Zoodoku, Hunter habitat crime solving and also got a chance to display their photography skills. Apart from entertainment, the fest focused on providing knowledge and insight to students by displaying a variety of preserved specimens from Protista to Mammalia, stuffed reptiles/birds/ mammals, skeletal structures of different animals and by demonstrating the principle and importance of various sophisticated instruments used in zoology labs.



Students also took the effort to create still models of polar, marine and forest ecosystems. A display of wildlife photography was also one of the main attractions of the fest. With a blend of amusement learning, zoofest was conducted mainly to instill interest and the essence of zoology in young minds.





SEMINARS

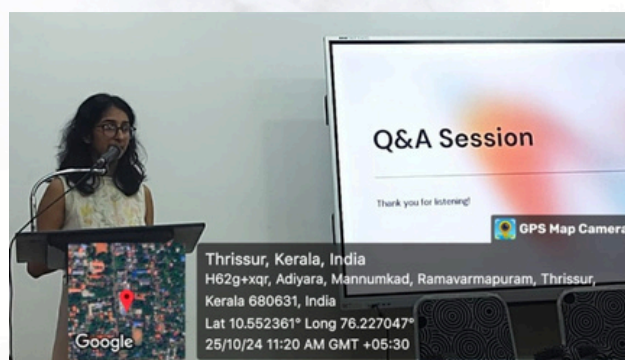


◀◀◀ Life sciences summit 2025

The department of zoology, Virmala College (Autonomous), Thrissur, conducted an international webinar - Lifesciences mmit 2025 on 24th january 2025

International Seminar Exonexus 2024 ▶▶▶

An International seminar was organized on the topic 'A study using BIOGEOBEARS Models and Stochastic: Mapping: Exploring the mechanisms shaping Ringeographic patterns in coleopteran on 25 october 2024.



◀◀◀ Synergy series 1

The PG Department of Zoology at Vimala College Autonomous), Thrissur, hosted the first session of SYNERGY 2075 on "Indian Fisheries: Current Status & Trends on 21st January 2025, under the guicance of De Usha Bhagirathan, Assistant Professor, Sree Kerala Varma College Thrissur.

Synergy series 2 ▶▶▶

The department of zoology, Vimala College (Autonomous), Thrissur, conducted an invited talk on "Vertebrates of Kerala" on 21st January 2025 as part of the student-organised seminar Synergy Series II 2024-2025.





WORKSHOPS

Workshop on R programming



PG department of Zoology, Vimala College (Autonomous) Thrissur has organized a three day workshop on introduction to research tools past-zotero and AI tools. The programme began at 8.30 AM. The programme was hosted by Ms Jisna K. V, 1st year MSc Zoology. We started the programme seeking the blessings of almighty. The welcome speech was given by Ms Dantys Simon 1st year MSc Zoology.



Value-added products from cow dung using traditional methods



Bhoomithrasena in association with Department of Zoology organised Value-added products from cow dung using traditional methods at B.Sc Zoology laboratory on 12th August 2024, Mr. Murali (Indigenous cow protection forum) was the resource person who gave a talk on empowering sustainable livelihoods. UG and PG students and faculty attended the program. It was an informative and interactive session. Students learnt about preparation of different products from cow dung using the traditional methods..

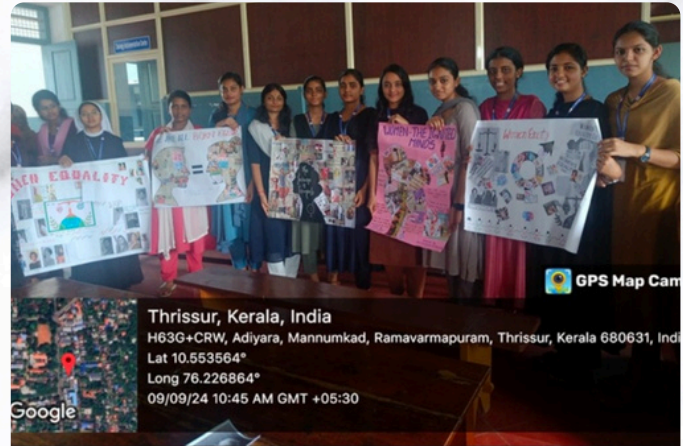


ZOO WALLERIA

SPOTLIGHT EVENTS



Jounal Club Discussion



Inter-Departmental College Competition on Gender Equality



Training for Laboratory Assistants



Annual alumnae reunion



Compassion over cruelty: Be the change against ragging



Carrier Orientation - DWMS Registration



ZOO WALLERIA



Fish Harvesting

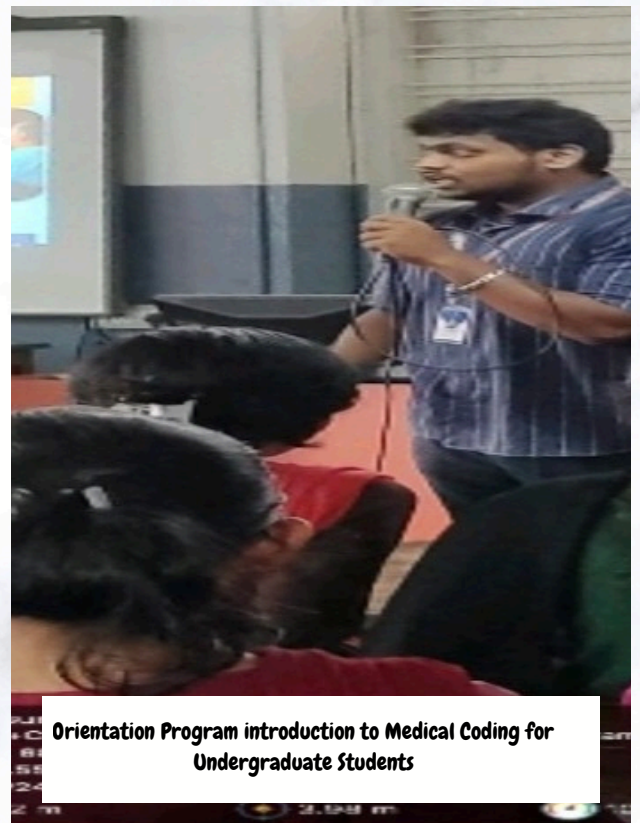


A Class on Demonstration of physiotherapy techniques.

COLLABORATIVE EVENTS



From idea to impact



Orientation Program introduction to Medical Coding for Undergraduate Students



ZOO WALLERIA

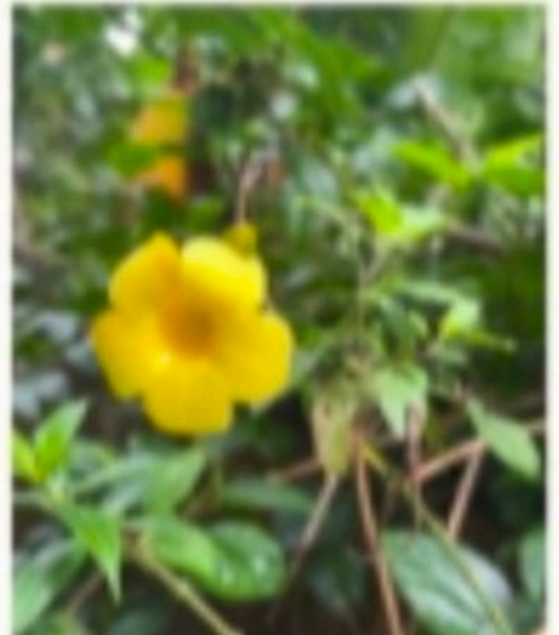




ZOO WALLERIA



Campus founder: introduction to entrepreneurship



An awareness on traditional flowers

RENEWAL'S

RESEARCH CENTRE DEPARTMENT OF ZOOLOGY



**New
research lab**



FIELD VISITS



VISIT TO KOLE WETLANDS



MUNAMBAM BEACH





PUBLICATIONS & PRESENTATIONS

Bioremediation of hexavalent chromium by heavy metal acclimatized bacterial isolate Cytobacillus solani. (2025), Joy Anvitha, Jose Bindu K and Sebastian Honey International Journal of Zoological Investigations (11-1)

Larvicidal Activity of Biofabricated Iron Nanoparticles Rasika Raj M.R., Anila K.* and Sheeba P. International Journal of Zoological Investigations Vol. 11, No. 1, 87-96 (2025)

Assessment of Anti-Inflammatory Potential of Myristica fragrans Houtt upon Membrane Stabilization. Fathima Nida, Anila K. and Sheeba P. International Journal of Zoological Investigations Vol. 11, No. 1, 97-106 (2025)

In Vitro Study on Antidiabetic Activity of Benincasa hispida Leaf Aqueous Extract. Anu B.L., Neethu C.B.* and Honey S.

Chemometric Analysis of Antidiabetic Bio-fraction of Banana Peels. Mariya K.S.1, Anila K.1, Feebarani John1, Vidhya Mohanan Puthiyamadathil and Meena K. Cheruvathur International Journal of Zoological Investigations Vol. 10, No. 2, 1248-1253 (2024)

In Vitro Anti-Inflammatory Evaluation of Aqueous Extract of Asparagus racemes Eylin Purathur Paul, Bindu Jose, Feebarani John, Vidhya Mohanan Puthiyamadathil and Nelson Pynadath Rumjit

Effect of Dimethoate upon earthworms and its bacterial mediated detoxification. Accepted for publication in October 2024 - International Journal of Zoological Investigations- Sheeba P.

Chemical and Antibacterial Properties of Lipids Extracted from Some Plant Seeds Commonly used in Nutraceuticals. International Journal of Zoological Investigations Vol. 11, No. 1, 130-140 (2025) Sheeba P.

Mosquito larval survey and awareness programme in a dengue affected area of Thrissur corporation' - Paper presentation by Dr. Honey Sebastian



CONSULTANCIES

Dr Bindu K. Jose

1.Saint-Gobain SEFPRO -KANJIKODE

Biodiversity mapping- includes land use pattern, mapping of natural resources, underground water bodies, protection areas and biodiversity around 1km are around the company. The meeting chaired by Valerie Arnaud Miramont, Sustainability Director, France.



2.Saint-Gobain SEFPRO -PERUNDURAI , TAMILNADU

The Tamilnadu sector has also invited for consultancy to upgrade their company to meet the Kyoto protocol rules and regulations by Biodiversity mapping. The meeting at Perundurai was chaired by Kathikeyan, Head Engineering Division SEFPRO -PERUNDURAI , TAMILNADU.

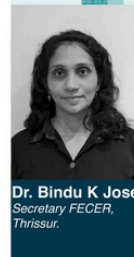


3.SCMS School of Architecture, Karukutty

An invited talk delivered at SCMS School of Architecture in Karukutty related to Environmental Day and focusing on harmonizing architecture with urban biodiversity.

HARMONISING ARCHITECTURE WITH URBAN BIODIVERSITY

Session By:



Dr. Bindu K Jose
Secretary FECER,
Thrissur.



image credits: cbc.iclel.org



Venue: SSA Seminar Hall
15th Saturday, June 2024
2.45 pm to 3.45 pm IST



VEDYA NAGAR, KARUKUTTY, COCHIN - 685 582, INDIA



ZOO WALLERIA

TOPPER'S



Aleena Chitilapilly Jose
CGPA 94.25
UG

Sona Boban
CGPA-4.58
PG zoology Aided



Aryananda K
CGPA-4.52
PG zoology Self



ZOO WALLERIA

PLACEMENTS



Amna P S



**Athulya
Manikandan P**



Arya K



Reshma K P

TEACHER

@

HOLY SAI INTERNATIONAL SCHOOL



ZOO WALLERIA



Reshma K P



Aryananda K



Midhila M



Riya K M

**GRADUATE TRAINEE
@
ICICI PRUDENTIAL**



ZOO WALLERIA



Keerthana P



Sona Boban

**BUSINESS DEVELOPMENT EXECUTIVE @ PROXY
PLACEMENTS**



Amna P S



Vishnu Priya CV



Midhila M

**SYSTEM & APPLICATION SERVICES ASSOCIATE
@ ACCENTURE**

**COMMUNICATIVE ENGLISH
TRAINER**

@

**MICHAEL'S ACADEMY OF
COMMUNICATIVE ENGLISH**



ZOO WALLERIA

OUTGOING BATCHES



B.SC ZOOLOGY

2022-2025



ZOO WALLERIA



VIMALA COLLEGE (Autonomous)



VIMALA COLLEGE (Autonomous)

M.SC ZOOLOGY

2023-2025



EDITORIAL BOARD



ZOO WALLERIA

Editor-in-Chief

Dr Feebarani John

General Editors

Ms Anjali C
Ms Alisha K S

Student Editors

Midhila M & Amna P S
(S2 MSC Zoology)

Associate Editors

Dr Honey Sebastian
Dr Sheeba P
Sr Freny Jacob

Editorial Board Members

Dr Sumesh N V
Dr Bindu K Jose
Dr Anila K
Dr Dixy B A
Dr Joshna V K Jhonson
Ms Sandhya P V