



ST. STEPHEN'S COLLEGE, PATHANAPURAM
POST GRADUATE & RESEARCH
DEPARTMENT OF ZOOLOGY



ZOOLOGY ASSOCIATION REPORT

2025-26

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ZOOLOGY ASSOCIATION 2025-26

The Zoology Association functioned actively and enthusiastically during the academic year 2025–26 as a vibrant student-led platform that enriched the academic, environmental, social, and cultural life of the department. Through seminars, workshops, awareness campaigns, competitions, outreach activities, biodiversity documentation, conservation programmes, blood donation drives, and cultural events, the Association provided students with opportunities to develop leadership, communication, teamwork, and organizational skills. A notable strength of the Association was the active participation and collaboration of UG, PG, FYUGP students, and research scholars, fostering knowledge sharing, peer mentoring, and collective learning. By integrating academic excellence with environmental awareness and community engagement, the Association successfully connected theoretical knowledge with practical experiences, contributing to the holistic development of students and serving as a model of student initiative and collective effort.

Objectives

To promote student-led academic and extension activities; create awareness on biodiversity conservation and environmental sustainability; develop leadership, communication, and organizational skills; encourage collaboration among UG, PG, FYUGP students, and research scholars; and connect theoretical knowledge with practical and community-oriented learning.

Yuvavanai Programme (Student-led Audio Awareness Initiative)

The Yuvavanai Programme (Student-led Audio Awareness Initiative) was introduced as an innovative and distinctive initiative of the Zoology Association during the academic year. At its core, the Yuvavanai Programme was entirely conceptualized and implemented by students, making it a true example of participatory learning and leadership.

One of the most distinctive and innovative features of the programme was its audio recording and broadcasting system. After preparing the content, students recorded their presentations, often incorporating voice modulation and creative elements to make the delivery more engaging. These recordings were then systematically broadcast through the college audio system every Wednesday and Friday during lunchtime.

World Environment Day – June 5, 2025

The Zoology Association observed World Environment Day 2025 with a series of well-coordinated, student-driven activities and a one day seminar aimed at promoting environmental awareness and sustainable practices. The programme served as a platform to sensitize students about pressing ecological issues such as habitat degradation, climate change, and biodiversity loss.

Outcome

- Students gained practical exposure to environmental conservation activities
- Increased awareness on sustainability and ecological responsibility
- Encouraged long-term commitment towards environmental protection



ST. STEPHEN'S COLLEGE, PATHANAPURAM



POST GRADUATE & RESEARCH DEPARTMENT OF ZOOLOGY

ORGANISING
IN ASSOCIATION WITH IQAC
ONE DAY SEMINAR ON

RESTORING ECOSYSTEMS: A ZOOLOGICAL PERSPECTIVE

Venue: Seminar Hall

Date: June 5th 2025. 10am

Dear Sir/ Teacher,

In observance of World Environment Day, we are pleased to inform you that our department, in association with IQAC, is organizing a one-day seminar titled "Restoring Ecosystems: A Zoological Perspective." This initiative is designed to raise awareness and encourage academic dialogue on the significance of biodiversity conservation and the restoration of degraded ecosystems.

We extend a cordial invitation to you to participate in this seminar, which will bring together scholars, researchers, students, and environmental enthusiasts. Your esteemed presence and insights will undoubtedly enrich the proceedings of the day and contribute meaningfully to the shared mission of environmental sustainability. We look forward to your valuable participation in this event dedicated to the preservation of our planet.



HABI. C.K

Division Forest Officer, Punalur

Dr. Jaison Jacob Varghese
(Convenor)

Dr. Pournami P
(HoD Zoology)

Dr. Biju A
(Principal)

Blood Donation Camp – June 30, 2025

The Zoology Association organized a Blood Donation Camp on June 30, 2026, in association with the NCC Unit of the College, as part of its commitment to social responsibility and community service. The programme was entirely coordinated and executed by students, reflecting their organizational ability and dedication to humanitarian initiatives.



The event was preceded by awareness activities conducted by students to educate peers on the importance of voluntary blood donation, its health benefits, and its role in saving lives. Informative sessions and peer interactions helped in addressing misconceptions and encouraging participation.



Outcome:

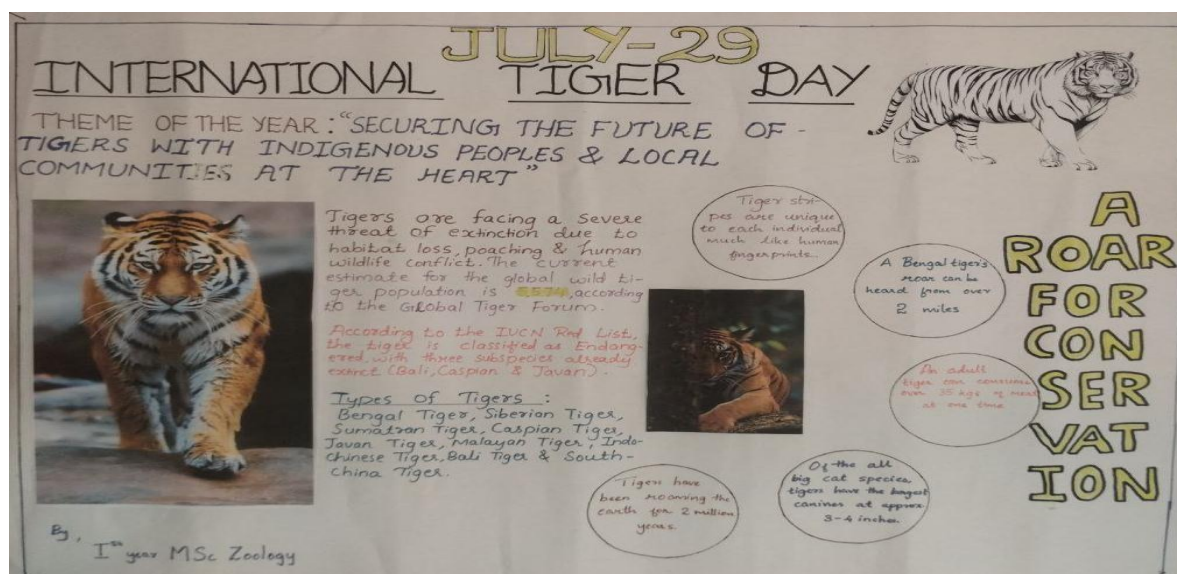
- Strong participation from students reflecting increased awareness and willingness for social service
- Strengthened collaboration between Zoology Association and NCC
- Enhanced leadership, teamwork, and event management skills among students
- Promoted a sense of civic responsibility and community engagement

**International Tiger Day – July 29, 2025**

The Association observed International Tiger Day on 29-07-2025 to highlight the ecological importance of apex predators and the need for wildlife conservation. In connection to this conducted poster exhibitions illustrating habitat loss, poaching, and conservation measures of tigers. The programme focused on creating awareness about biodiversity loss and conservation strategies.

Outcome:

- Improved scientific understanding of wildlife conservation
- Increased awareness about endangered species and ecosystem dynamics
- Motivated students towards conservation-oriented thinking



Onam Celebration – August 19, 2025

The Onam celebration was organized as a cultural programme that brought together students in an atmosphere of unity and tradition. The event provided an opportunity for students to showcase their creativity and organizational skills. The students actively contributed to the success of the Onam celebrations by designing and arranging a beautiful Pookkalam that reflected traditional themes and artistic creativity. They organized cultural programmes, including Thiruvathira and group performances, showcasing Kerala's rich cultural heritage. The students also coordinated Onam songs and various cultural presentations, ensuring enthusiastic participation from all classes. In addition, they efficiently managed the planning, scheduling, and overall coordination of the events, making the celebration vibrant and memorable for everyone.

Outcome:

- Promoted cultural awareness and appreciation of traditions
- Strengthened teamwork, coordination, and creativity
- Enhanced interpersonal relationships among students



World Rhino Day – September 22, 2025

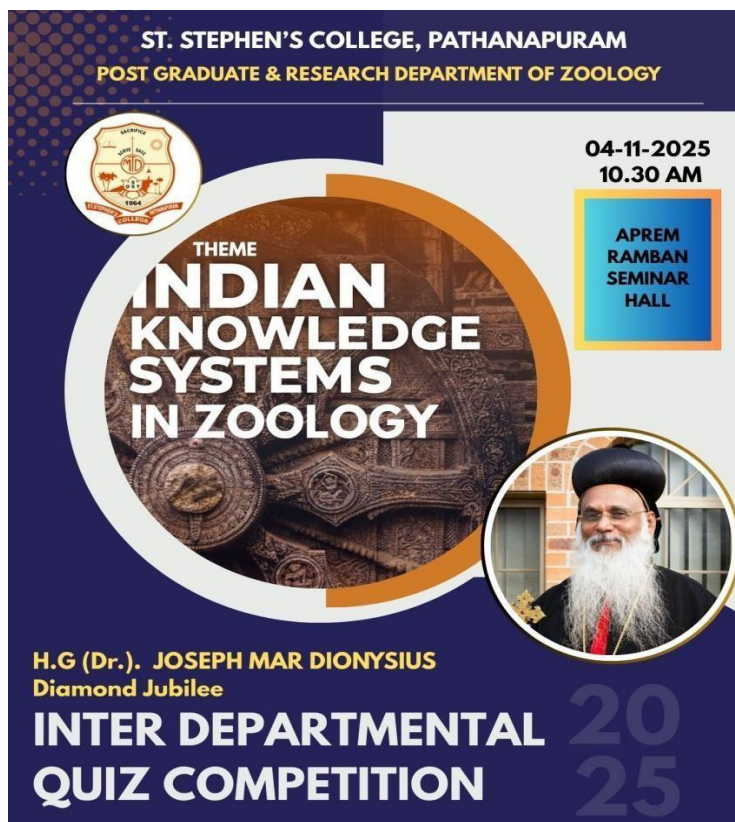
World Rhino Day was observed to create awareness about endangered species and global conservation challenges. The students actively participated in rhino conservation awareness by organizing poster campaigns that highlighted the importance of protecting rhinoceros populations and their habitats. Through creative and informative posters, they educated fellow students and the public about the threats faced by rhinos, including poaching and habitat loss, and emphasized the need for conservation efforts to ensure the survival of these endangered animals.

Outcome:

- Enhanced awareness on endangered species conservation
- Encouraged critical thinking on global environmental issues
- Strengthened interest in conservation biology.



**H.G. Dr. Joseph Mar Dionysius Diamond Jubilee
Interdepartmental Quiz Competition- November 4, 2025**



The Post Graduate and Research Department of Zoology, St. Stephen's College, Pathanapuram, organized an Inter Departmental Quiz Competition as part of the Diamond Jubilee celebrations of H.G. Dr. Joseph Mar Dionysius on 4th November 2025 at 10:30 AM in the Aprem Ramban Seminar Hall.

The theme of the programme was -Indian Knowledge Systems in Zoology, aiming to promote awareness and understanding of traditional Indian scientific knowledge related to biological sciences among students.

A total of eight departments actively participated in the competition, making the event intellectually vibrant and highly competitive. Each team displayed

enthusiasm, subject knowledge, and quick analytical thinking throughout the rounds.

The quiz programme was effectively conducted by Dr. Sreejai R, who served as the Quiz Master. The Department of Botany emerged as the First Prize winner, showcasing excellent teamwork and subject expertise.

Outcome:

- Enhanced students' general knowledge and subject awareness across various disciplines.
- Promoted healthy competition and teamwork among participants from different departments.
- Improved critical thinking, problem-solving, and quick decision-making skills.
- Fostered interaction, collaboration, and a spirit of academic excellence among students.

Association Inauguration & Freshers' Day – November 5, 2025

The Zoology Association for the academic year 2025-26 was formally inaugurated on November 5, 2026, marking the commencement of its activities. The programme was organized and executed entirely by students and served as a significant academic and interactive platform for the department.

His Grace Joseph Mar Dionysius, Metropolitan, Kollam Diocese, Metropolitan, who officially inaugurated the Association and delivered an insightful one-day seminar on the topic —MicroRNA. The session provided valuable exposure to emerging areas in zoology and inspired students to explore research-oriented topics in life sciences.

The programme also included Freshers' Day celebrations in the afternoon, featuring various cultural performances such as music, dance, and group activities. Interactive sessions were organized to encourage participation, build confidence, and help the newly admitted students become familiar with the department and their peers, making the event both informative and enjoyable.



Outcome:

- Successful launch of Association activities for the academic year
- Provided academic exposure on emerging topics such as MicroRNA
- Facilitated smooth integration of freshers into the department
- Enhanced student leadership, coordination, and communication skills

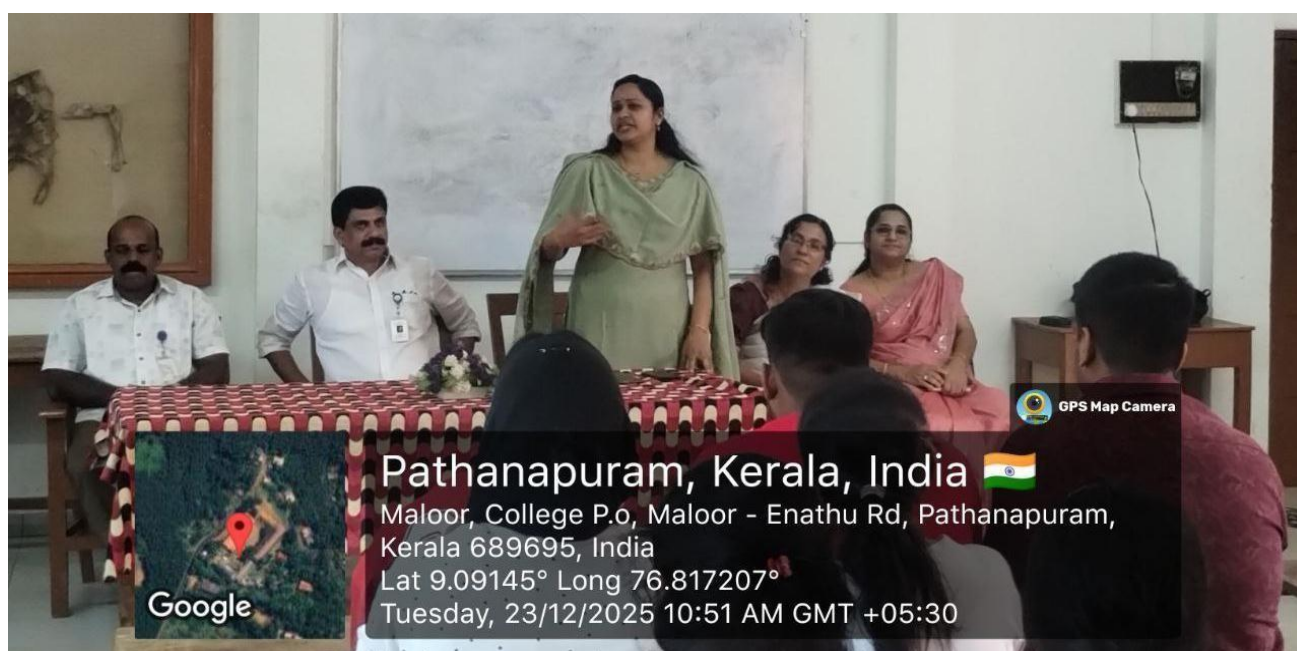
Butterfly Park Renovation Programme- November 14, 2025

The Zoology Association organized a Butterfly Park Renovation Programme on 14th November 2025 within the college campus. The initiative witnessed active participation from all students of the department, reflecting a strong sense of environmental responsibility and teamwork. The programme focused on the revitalization and enrichment of the existing butterfly park by planting a variety of nectar and host plants essential for supporting butterfly diversity and promoting ecological balance. This meaningful initiative was carried out **in memory of Late Dr. Jaison Jacob Varghese**, former Assistant Professor of Zoology, honoring his valuable contributions to the department and his passion for nature and conservation.



Christmas Celebration – December 23, 2025

The Christmas Celebration was held on 23 December 2025 with great enthusiasm and festive spirit. The programme was attended by the Principal, Head of Department, teachers, and students. The Principal and faculty members delivered Christmas messages highlighting the values of love, peace, and togetherness. The celebration included cake cutting and sharing, carol singing, and various cultural performances such as music, dance, and festive activities. The event was well coordinated with attractive decorations and active participation from students and staff. The programme fostered unity and joy by encouraging inclusive participation from all student groups, making the celebration memorable for everyone.



Bird-Watching Programme- February 16, 2026

On 16 February 2026, a bird-watching programme was jointly organized by the Department of Zoology, Department of Physics, Biodiversity Club, and Birds Club International in association with Kollam Birding Battalion. The programme was inaugurated by Principal Dr. Biju A. and featured a bird-watching session and field class led by renowned birder Mr. Ampady Sugathan. The survey documented several resident and migratory bird species, highlighting the rich avian diversity of the campus and its surroundings. Following the field session, Dr. Pournami P., Head of the Department of Zoology, and Dr. Ragesh Chandran, Assistant Professor of Physics, addressed the participants on bird diversity, conservation, and the ecological importance of avifauna, fostering awareness and appreciation of biodiversity among students

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THE NATIONAL DAILY
IN MALAYALAM

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THIRISSUR KANNUR KOTTAYAM MALAPPURAM
PALAKKAD ALAPPUZHA MUMBAI
CHENNAI BENGALURU DUBAI

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സർവ്വേയിൽ അപൂർവയിനം പക്ഷികളെ കണ്ടെത്തി

കരുനാഗപ്പള്ളി ▶ ബേർഡ് കൗണ്ട് ഇന്ത്യയുടെ നേതൃത്വത്തിൽ ജില്ലയിലെ പക്ഷിനിരീക്ഷകരുടെ കൂട്ടായ്മയായ കൊല്ലം ബേഡിങ് ബറ്റാലിയന്റെ സഹകരണത്തോടെ പത്തനാപുരം സെയ്ന്റ് സ്റ്റീഫൻസ് കോളേജിൽ നടത്തിയ പക്ഷിനിരീക്ഷണത്തിൽ വിവിധ വർണത്തിലും വർഗത്തിലുമുള്ള 28 ഇനം പക്ഷികളെ തിരിച്ചറിഞ്ഞു.

ഇ-ബേർഡ്, മെർലിൻ എന്നീ മൊബൈൽ ആപ്ലിക്കേഷനുകൾ ഉപയോഗിച്ചാണ് പക്ഷിനിരീക്ഷണവും വിവരശേഖരണവും നടത്തിയത്. വിദ്യാർത്ഥികളും അധ്യാപകരും പക്ഷിനിരീക്ഷകരും ഉൾപ്പെട്ട സംഘമാണ് നിരീക്ഷണം നടത്തിയത്. നാട്ടിൽ സാധാരണ കാണപ്പെടുന്ന പക്ഷികളെ കൂടാതെ പനങ്കുളൻ, അയോറ, കാടുമുഴക്കി,






▶ മുൾവാലൻ ശരപ്പക്ഷി

▶ അയോറ

▶ ലളിതക്കാക്ക

▶ കാടുമുഴക്കി

ഴക്കി, ആറ്റക്കറുപ്പൻ, കൊക്കൻ തേൻകിളി, കഷണ്ടിക്കൊക്ക്, ലളിതക്കാക്ക, കടുംപച്ച പൊടിക്കുരുവി തുടങ്ങിയവയെയും ചൂട്ടിപ്പരുന്ത്, ചെറിയ മുൾവാലൻ ശരപ്പക്ഷി, നാട്ടിലക്കിളി എന്നീ അപൂർവയിനം പക്ഷികളെയുമാണ് തിരിച്ചറിഞ്ഞത്.

കൊല്ലം ബേഡിങ് ബറ്റാലിയനിലെ പക്ഷിനിരീക്ഷകനായ

അമ്പാടി സുഗതൻ, കോളേജ് പ്രിൻസിപ്പൽ ഡോ. എ. ബിജു, കോളേജ് അധ്യാപകരായ ഡോ. രാഗേഷ് ചന്ദ്രൻ, ഡോ. പൗർണ്ണമി എന്നിവരോടൊപ്പം ഇരുപതോളം ബിരുദ-ബിരുദാനന്തര ബിരുദ വിദ്യാർത്ഥികളും ഗ്രേറ്റ് ബാക്ക്യാർഡ് ബേർഡ് കൗണ്ടിനോട് അനുബന്ധിച്ചുള്ള ബേഡ് വാച്ചിൽ പങ്കെടുത്തു.



St. Stephen's College
Pathanapuram



BIRD WATCHING PROGRAMME

February 16, 2026
8:45 AM — 12:00 PM

Mentor:
Ampady Sugathan

ABOUT

The Bird watching program conducted is part of the Great Backyard Bird Count 2026.

✓ OBJECTIVES

- ✓ Promote nature conservation and sustainable practices
- ✓ Create awareness about local bird species and biodiversity
- ✓ Train participants in basic bird identification skills
- ✓ Learn the science behind how binoculars magnify & focus light
- ✓ Learn the physics and fundamentals of photography

PROGRAMME SCHEDULE

- ✓ 8:45 AM – 9:00 AM | Registration
- ✓ 9:00 AM – 11:45 AM | Guided Bird Walk
- ✓ 11:45 AM – 12:00 PM | Closing Session

3 LEARNING HIGHLIGHTS

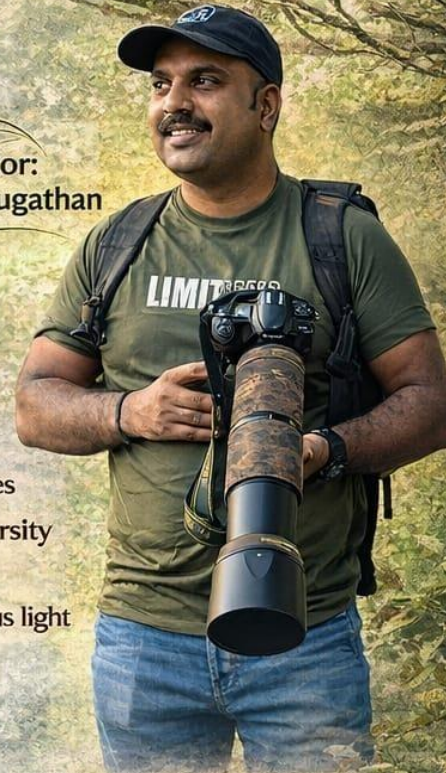
- ✓ Identification of common campus birds
- ✓ Understanding bird behaviour and habitats
- ✓ Practical demonstration of binocular usage
- ✓ Basics of optical magnification and focusing
- ✓ Introduction to photography principles (aperture, focus, light)

Observe • Understand • Conserve

Join us on February 16, 2026
for an enriching morning of birds, science,
and nature exploration!

Coordinators: Dr. Ragesh Chandran | Dr. Pournami P

In association with Department of Physics, Department of Zoology, Biodiversity Club and Bird Club International.



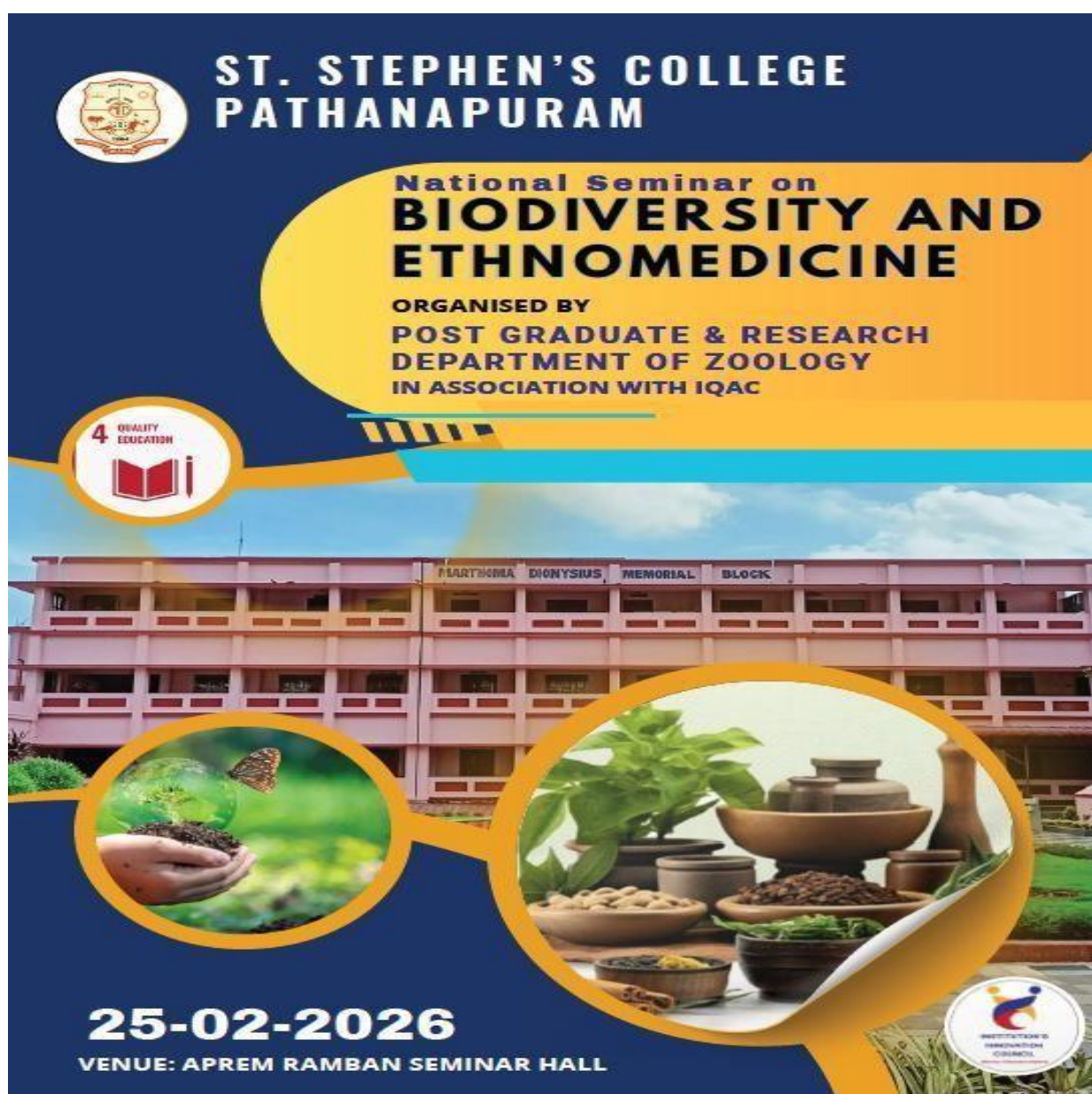
PARTICIPANTS ARE REQUESTED TO BRING:

- ✓ Notebook and pen
- ✓ Water bottle
- ✓ Cap / Hat / Sunscreen
- ✓ Comfortable footwear
- ✓ Binoculars (if available)
- ✓ Camera & lens



National Seminar on Biodiversity and Ethnomedicine – February 25, 2026

The Postgraduate and Research Department of Zoology organized a National Seminar on Biodiversity and Ethnomedicine on February 25, 2026, providing a significant academic platform for knowledge exchange and scientific discussion. The seminar was conducted at the Aprem Ramban Seminar Hall in association with IQAC, and witnessed active participation from students, researchers, and academicians. Technical Session I was led by Dr. G. Bupesh, who delivered a presentation on —Reverse Pharmacology Approach to Assess Konyak Polyherbal Formulations for Anti-Colon Cancer Therapy. Technical Session II was handled by Ms. Lekshmi V, who spoke on —Mapping the Link Between Biodiversity and Traditional Healing. The seminar highlighted the importance of biodiversity conservation, ethnobotanical research, and traditional healthcare systems. It provided valuable insights into the sustainable utilization of biological resources, drug discovery, and interdisciplinary research connecting ecology, medicine, and traditional knowledge, thereby enriching participants' understanding of the role of biodiversity in human health and well-being.



9.15 AM to 9.45 AM	Registration
10.00 AM-11.15 AM	Inaugural Function
11.15 AM-11.30 AM	Tea Break
11.30 PM-12.45 PM	Technical Session I Dr. G. Bupesh (Assistant Professor, Department of Forestry, Nagaland Central University, Lumami, Nagaland) Reverse Pharmacology Approach to Assess Konyak Polyherbal Formulations for Anti-Colon Cancer Therapy
12.45 PM-01.30 PM	Lunch Break
01.30 PM-03.00 PM	Technical Session II Ms. Lekshmi V (Research Scholar, Department of Fisheries and Food Science, Universiti Malaysia, Terengganu) Mapping the Link Between Biodiversity and Traditional Healing
03.00 PM-03.15 PM	Tea Break
03.15 PM-04.00 PM	Valedictory Function

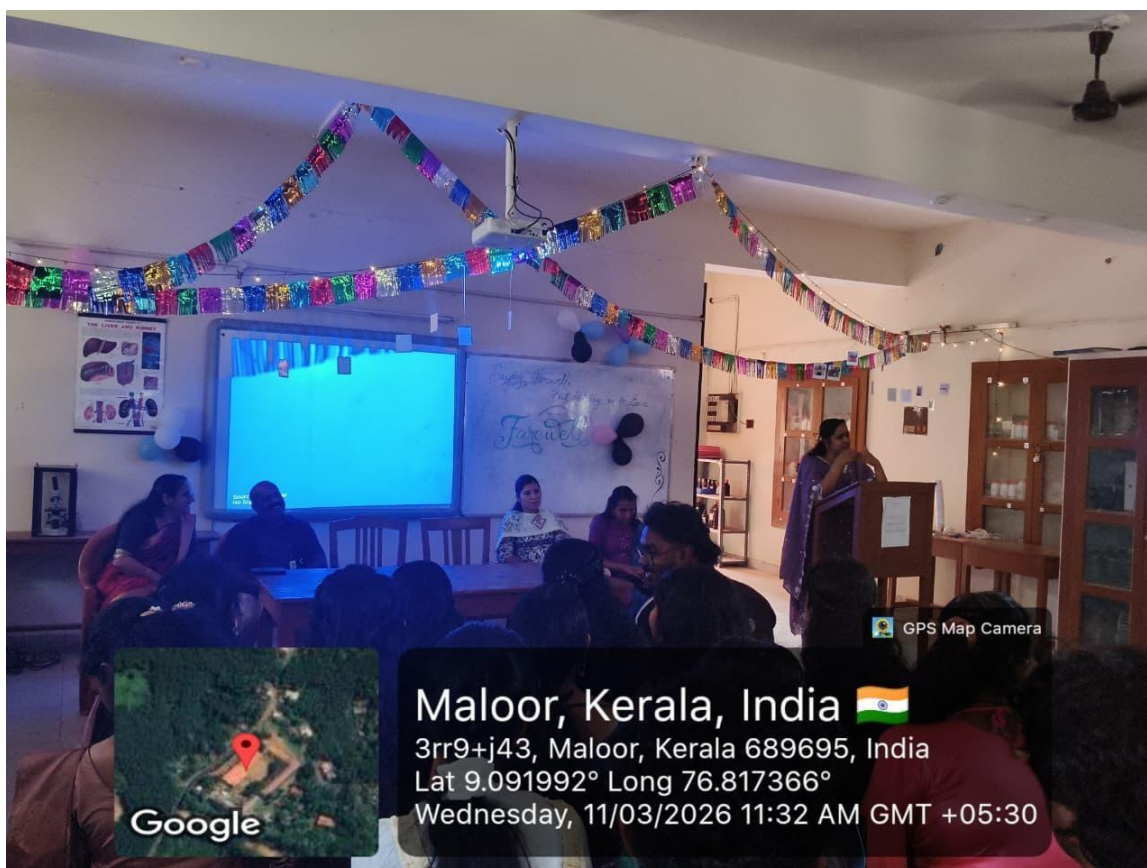
 Dr.G.Bupesh Assistant Professor, Department of Forestry, Nagaland Central University, Lumami, Nagaland	 Ms. Lekshmi V Research Scholar, Department of Fisheries and Food Science, Universiti Malaysia, Terengganu)
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Valedictory Function of Zoology Association and Farewell Meeting – 11 March 2026

The Valedictory Function of the Zoology Association and Farewell Meeting for the outgoing B.Sc. Zoology final-year students was held on 11 March 2026 in the Department of Zoology. The programme was organized by the junior students and was presided over by Dr. Pournami P., Head of the Department. Dr. Biju A., Principal of the college, attended the function and conveyed his best wishes to the graduating students. Faculty members, non-teaching staff, and students actively participated in the programme.

As part of the valedictory function, the report of the Zoology Association during the academic year were presented, reviewed and appreciated. The farewell segment included a traditional Lamp Ceremony symbolizing the transfer of knowledge and responsibility to the juniors. Final-year students shared their experiences and gratitude towards the department, while junior students presented mementoes and organized cultural programmes, making the event memorable and meaningful. The non-teaching staffs of the department were also present and shared in the joyous occasion.





Outcomes

- Successfully concluded the activities of the Zoology Association for the academic year.
- Strengthened the bond between senior and junior students.
- Encouraged students to value teamwork, friendship, and departmental traditions.
- Motivated graduating students to pursue higher studies and future career opportunities with confidence.

Sent-off meeting for B.Sc. Zoology final year students-14 May 2025

A Sent-off Meeting for the B.Sc. Zoology Final Year students was organized by the Department of Zoology on 14 May 2025 to extend best wishes to the graduating batch as they prepared for their university examinations and future careers. The programme was attended by final-year students and faculty members, creating a warm and memorable atmosphere. Faculty members shared words of encouragement, guidance, and blessings, while students expressed their gratitude for the support and mentorship received throughout their academic journey.

The occasion provided an opportunity to reflect on the memorable experiences of campus life, field visits, laboratory sessions, seminars, and departmental activities. Students and alumni shared their experiences and good wishes, strengthening the bond between teachers and students. The programme concluded with a vote of thanks and group photographs, making the event a meaningful celebration of friendship, unity, and academic achievement.

Outcomes

- Strengthened the bond between students, alumni, and faculty members.
- Motivated final-year students to face their examinations and future careers with confidence.
- Provided a platform for sharing experiences, gratitude, and best wishes.
- Fostered a sense of belonging, unity, and pride in the Department of Zoology.



