



SADAKATHULLAH APPA COLLEGE (Autonomous)

Rahmath Nagar, Tirunelveli-627 011

Reaccredited by NAAC at an A⁺⁺ Grade With a CGPA of 3.56 in the IV Cycle : An ISO Certified Institution

A Two Day International Conference on

Biology-Oriented Sustainable Practices in Rational Exploration BIOSPHERE - '26

27.01.2026 & 28.01.2026

Organized by

DEPARTMENT OF ZOOLOGY

In Collaboration with

PERIYAR UNIVERSITY
SALEM

Venue: Sadakathullah Appa College Auditorium

About the College

Sadakathullah Appa College (Autonomous), situated in the historic and culturally vibrant twin towns of Tirunelveli and Palayamkottai, has established itself as a premier institution of higher education in Southern Tamil Nadu. Founded in 1971 by visionary Muslim leaders, the college is named in honor of the distinguished Arabic scholar Sadakathullah Appa. Guided by the inspiring motto "My Lord, Vouchsafe Me Wisdom," the institution has continually upheld its commitment to academic excellence, innovation, and holistic student development. The college offers a wide spectrum of undergraduate, postgraduate, and doctoral programmes across various disciplines, supported by state-of-the-art infrastructure and a team of highly qualified, dedicated faculty members. This enriching environment fosters intellectual growth, creativity, and critical thinking among students. The college's unwavering commitment to quality education is reflected in its A++ reaccreditation with a CGPA of 3.56 in the NAAC fourth cycle and ISO 9001:2015 certification. These distinctions underscore its reputation as a leading institution in the region, dedicated to nurturing future leaders, innovators, and change-makers.

About the Department

The Department of Zoology at Sadakathullah Appa College was established in 1973, marking the beginning of a new era in biological sciences education. Since its inception, the Department has grown into a vibrant academic hub, offering a wide range of programme to meet the diverse interests of students. At the undergraduate level, the Department offers a B.Sc. degree in Zoology, providing students with a strong foundation in animal biology. It also offers allied subjects that complement Zoology, such as Botany and Applied Nutrition & Public Health. In addition, students can pursue certificate courses in Sericulture and Mushroom Culture, which provide hands-on, skill-based learning opportunities. The Department of Zoology has made remarkable strides in recent years. The launch of the M.Sc. Zoology programme in 2017 strengthened postgraduate learning by blending advanced knowledge with research training. Building on this success, the department was recognized as a Research Centre in 2018, enabling it to guide Ph.D. scholars. Today, it offers exciting research opportunities in frontline fields including Fish Pathology, Immunology, Sericulture, Nanotechnology, Pharmacology, and Regeneration Technology. The Department is strengthened by a team of highly qualified and dedicated faculty members committed to academic excellence and advanced research. They have made significant contributions to the scientific community through publications in Scopus, Web of Science, and SCI-indexed journals. In addition, the Department has successfully secured government-funded projects from agencies such as the TNSCST, TNAU and the Department of Tribal Welfare, further enhancing its research profile and societal impact.

Overall, the Department of Zoology at Sadakathullah Appa College provides a stimulating academic environment that nurtures intellectual growth, fosters innovation, and promotes impactful research.

About Periyar University

The Government of Tamil Nadu established Periyar University in Salem on 17th September 1997 as per the provisions of the Periyar University Act, 1997. The University has taken rapid strides and is emerging as one of the leading University. The University Grants Commission bestowed 2(f) and 12(B) status to Periyar University. The University was bestowed with A⁺⁺ by NAAC in 2021. The University secured 94th rank among Indian Universities by MoE NIRF 2025, 40th Rank among State Public University Rank and SDG Institutions Band 11-50. The University is named after the Great Social Reformer E.V. Ramasamy, affectionately called "Thanthai Periyar". The University aims at developing knowledge in various fields to realize the maxim inscribed in the logo "Arival Vilayum Ulagu" (Wisdom Maketh the World). Holistic development of the students' is the primary objective of the University. Periyar University imparts higher education through three modes: Departments of Study and Research, the Affiliated Colleges, and Centre for Distance and Online Education (CDOE). The University has 27 Departments and 118 Affiliated Colleges. Periyar University aims towards excellence in teaching, research and outreaches imparting new age skills and emphasizes value inclusive educational growth in preparing students for sustainable growth. The University is consistently organizing innumerable academic activities to bring academicians and industrialists under one umbrella to discuss, deliberate and carve out demanding solutions to social problems.

About the Memorandum of Understanding

The collaboration between the Department of Zoology, Sadakathullah Appa College and Periyar University promotes research excellence, innovation, and systematic knowledge exchange in emerging and interdisciplinary areas of biological sciences. Through joint academic programme, faculty and research scholar exchange, shared laboratory facilities, and collaborative R&D initiatives, the partnership addresses real-time challenges in environmental sustainability, human health, and animal healthcare. This collaboration also encourages skill enhancement, product development, consultancy, and funded research projects, thereby strengthening institutional research capacity and contributing meaningful, solution-oriented outcomes aligned with societal and national priorities.

International Conference on Biology-Oriented Sustainable Practices in Rational Exploration (BIOSPHERE '26)

BIOSPHERE '26 is an International Conference that brings together students, researchers, academicians, and professionals from around the world to explore biology-driven sustainable practices through scientific reasoning and evidence-based approaches. The conference focuses on understanding how biological systems and principles can offer sustainable solutions to global environmental challenges.

Objectives of the Conference

- To provide an international platform for the exchange of scientific knowledge and research
- To explore the rationale behind biological sustainability models
- To encourage innovation in life sciences and environmental sustainability
- To promote global collaboration toward sustainable development goals

Conference Themes

- Sustainable agriculture and food systems
- Biodiversity conservation and ecosystem resilience
- Biological waste management and circular economy
- Biotechnology for environmental health and sustainability
- Water, soil, and natural resource conservation
- Bioinformatics and Green Innovation

Who Can Participate

- International and national researchers
- Academicians and educators
- Undergraduate and postgraduate students
- Environmental and life science professionals

Scope and Significance

The conference emphasizes rationale exploration—examining the scientific basis of sustainability in nature and applying it to modern environmental and societal needs. By integrating biology with sustainability, BIOSPHERE '26 aims to contribute to a greener, healthier, and more sustainable planet.

Expected Outcomes

- Global exchange of innovative research ideas
- Strengthened interdisciplinary and international collaboration
- Increased awareness of biology-based sustainable solutions

Abstract

The abstract must be written in English and limited to 300 words. It should be formatted in Times New Roman, 12-point font, single-spaced, and justified. The title must be centered, bold, and in 14-point font, followed by the author names and their affiliations. The corresponding author's email address must be provided. The abstract should be written as one continuous paragraph summarizing the background, objectives, methodology, key findings, and conclusions, without references, figures, tables, or equations. Up to five keywords should be included at the end.

Article Submission Guidelines

Full Paper

Full papers must be original, unpublished, and written in English. Manuscripts should be formatted in Times New Roman, 12-point font, single-spaced, and justified. The title must be centered, bold, and in 14-point font, followed by author names, affiliations, and the corresponding author's email. Papers should be 5–8 pages, including tables and figures, and contain Abstract, Keywords, Introduction, Methodology, Results and Discussion, Conclusion, and References. All tables and figures must be numbered, titled, and cited, and references should follow the prescribed citation (APA format) style using relevant sources only.

Authors are requested to submit both abstracts and full papers to the email address: saczoobiosphere@gmail.com

Poster Presentation

The poster should be prepared in full chart size as specified by the conference (approximately 90 cm × 120 cm, portrait / landscape orientation).

Online Presentation Available Only for Presenters from Other States

Best paper (Offline & Online) and poster (Offline) presentations will receive certificates and a cash prize of ₹1,500 each.

Important Dates:

Last Date for Abstract Submission: 15.01.2026

Last Date for Full Paper Submission: 20.01.2026

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Rahmath Nagar, Tirunelveli

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Dr. M. I. DELIGHTA MANO JOYCE

Assistant Professor and Head, Zoology (PG)

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Dean-Research Affairs

Professor and Head of Microbiology, Periyar University, Salem

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Assistant Professor of Zoology

Dr. J. SHIFA VANMATHI

Assistant Professor of Zoology (PG)

Dr. A. MOHAIDEEN

Assistant Professor of Zoology (PG)

Dr. A. MUTHURAMAN

Assistant Professor of Zoology (PG)

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Senior Lecturer, Mulungushi University, Zambia

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Ministry of Education, Xiamen, China

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Former Vice Principal, St. Xavier's College, Tirunelveli

Dr. A. PALAVESAM

Former Professor and Head, UGC BSR Faculty ,
Animal Science, Manonmaniam Sundaranar University

Dr. R. BALASUBRAMANIAN

Scientist-E & Group leader
ICMR- National Institute of Virology, Pune

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Dr. MARIMUTHU

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Associate Professor & Head, Zoology
Kannur University, Kerala

Dr. M. JOHNSON

Associate Professor, Plant Biotechnology
St. Xavier's College, Tirunelveli

For Correspondence

Dr. M. I. ZAHIR HUSSAIN

Mobile: 9443615236

Dr. M. I. DELIGHTA MANO JOYCE

Mobile: 9486229293

e-mail:saczoobiosphere@gmail.com

KEYNOTE SPEAKERS



Dr.A.Palavesam

Former Professor and Head,
UGC BSR Faculty , Animal Science
Manonmaniam Sundaranar University



Dr. A. Murugan

Dean-Research Affairs
Professor and Head of Microbiology,
Periyar University



Dr. Sam Annie Jeyachristy

Ass. Prof in Biochemistry & Head, Medical
Education Department, Faculty of Medicine,
Royal College of Medicine Perak, University
Kuala Lumpur (UniKL RCMP)
Ipoh, Perak, Malaysia



Dr. Karthik Maruthan

Post Doctoral Research fellow
Division of Bacteriology Department of Infection and
Immunity School of Medicine Jichi Medical University
Shimotsuke, Japan



**Dr.Sudhakar
Sivasubramaniam**

Professor, Biotechnology
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Dr.S.Kalidoss

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Animal Science
Manonmaniam Sundaranar University



Dr. T. Citarasu

Associate Professor
Centre for Marine Science and Technology
Manonmaniam Sundaranar University



Dr. Nagaraja Suryadevara

Associate Professor
School of Biosciences, Faculty of Medicine,
Biosciences & Nursing
MAHSA University, Malaysia

REGISTRATION

Registration Fee Details

- For UG Students: Rs. 400/-
- For PG Students: Rs. 500/-
- For Research Scholars and Faculty: Rs.750/-

Accommodation will be provided on request with payment for outstation participants.

Bank Details

Bank: Tamil Nadu Mercantile Bank
Name of the A/c :Delighta Mano Joyce
A/c No:106100050304100
IFSC Code: TMBL0000106
Branch: Thoothukudi, South

Please Scan for

Registration



<https://forms.gle/GgMyxrXPDFyKMPjg7>

UPI Payment



Mobile:9486229293

College Location



Tourist Places in and around Tirunelveli



Porunai Museum



Agasthiyan Falls



Mundanthurai Reserve Forest



Atthankarai Pallivasal



Selvamatha Church



Nellaiappan Temple



Kattabomman Memorial Fort



Manjulai Estate



Cuttralam



Adichanallur

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Sadakkathullah Appa College, founded by the Muslim minority

