



Our Laudato Si' Journey 2025-2026

Name of the College

Jayaraj Annapackiam College for Women (Autonomous)

Periyakulam, Theni District, Tamil Nadu, India

About the Institution

Jayaraj Annapackiam College for Women (Autonomous), located in Periyakulam, Theni District, Tamil Nadu, India, is a rural higher education institution committed to the empowerment of women through quality and value-based education. Managed by the Sisters of St. Anne of Tiruchirappalli, an indigenous Catholic congregation, the college is rooted in spiritual values of compassion, justice, dignity and service.

Guided by these values, the institution recognises education as a means of holistic formation and social transformation. This vision naturally extends to a commitment to integral ecology, where care for the Earth is inseparable from care for people. Through its curriculum, campus practices, and community engagement, the college fosters ecological awareness and responsibility, striving to form individuals who contribute to the protection of our common

Reflecting on the Laudato Si' Goals

- Which of these goals speaks to you the most, and how have they inspired changes for you or your community?

The Laudato Si' Goals that resonate most deeply with our institution are 'Response to the Cry of the Poor' and 'Community Resilience and Empowerment'. Situated in a rural and underdeveloped region, we witness how social and ecological challenges directly affect vulnerable communities, especially women. This has shaped our understanding that care for the Earth must go hand in hand with care for people.

For over 55 years, our mission of empowering women through education has gradually expanded into a commitment to integral ecology. Through our extension wing (JACEP) and the National Service Scheme, we work closely with fifteen adopted neighbouring villages, promoting environmental awareness, sustainable practices and community well-being.



These goals have inspired us to align all our academic and institutional practices with the Sustainable Development Goals, nurture ecological responsibility among students, and engage in meaningful community partnerships. For us, sustainability is not an isolated effort, but a shared journey towards dignity, justice, and ecological harmony

- Enrich your understanding of how “[everything is connected.](#)” How has the socio-ecological crisis affected your community?

Our understanding that “everything is connected” is shaped by the specific realities of Periyakulam and the surrounding villages in Theni District. The region is largely agrarian, and the lives of the people are closely dependent on natural resources. We observe that changes in rainfall patterns, water scarcity, and pressure on local ecosystems directly affect agriculture, which in turn impacts income, food security, and access to education.

Through our engagement with the fifteen adopted villages under JACEP and NSS, we encounter how environmental degradation is intertwined with social vulnerability. For instance, challenges related to water quality, waste management, and declining biodiversity influence not only the health of the environment but also the well-being of rural households. These concerns are reflected in our institutional responses, such as water conservation practices, wastewater reuse, and awareness programmes on sustainable living.

At the same time, our campus itself functions as a “living laboratory,” where initiatives like composting, vermicomposting, waste segregation, paper recycling, and green audits demonstrate practical responses to these interconnected challenges.

Thus, in our context, the socio-ecological crisis is not an abstract concept but a lived reality. It has helped us recognise that environmental sustainability, economic stability, and social well-being are deeply interdependent, and that our educational mission must address all three together.

- What is your mission and/or your values?

Our mission is the holistic formation of students, nurturing their intellectual, emotional, social, cultural, and spiritual dimensions, so that they become competent, self-reliant, and service-oriented individuals with a commitment to social transformation and ecological responsibility.



At the heart of our institution lies the vision of empowering rural women as agents of social change, especially those from marginalized and underprivileged backgrounds, through quality and value-based education.

Guided by our motto, “*Serve with Love,*” our values emphasise compassion, justice, dignity, and responsibility. We strive to form women who are not only academically excellent but also socially committed and ecologically conscious, capable of contributing meaningfully to society and the world.

- How do your unique mission and/or values and identity connect with the Laudato Si’ Goals?

Our mission and values are rooted in the charism of the Sisters of St. Anne of Tiruchirappalli, an indigenous Catholic congregation committed to education, service, and the upliftment of the marginalized. This identity shapes our approach to holistic and value-based education, grounded in compassion, justice, and responsible care for creation.

The Laudato Si’ vision of integral ecology resonates deeply with us. Our efforts in empowering rural women and engaging with adopted villages reflect our response to the *Cry of the Poor*, while our green campus practices—such as waste management and water conservation—respond to the *Cry of the Earth*. Thus, our mission and identity naturally align with the Laudato Si’ Goals, guiding us towards a holistic and ethical approach to sustainability.

- Why do you feel called to join the Laudato Si’ Action Platform in your journey to integral ecology?

We feel called to join the Laudato Si’ Action Platform as a natural extension of our longstanding commitment to sustainability, social responsibility, and value-based education. As a rural women’s institution, we recognise that the ecological crisis is closely linked with issues of poverty, livelihood, and dignity in the communities we serve.

While we have already initiated several practices—such as environmental education, green campus initiatives, waste management, and community outreach—we seek to move from individual efforts to a more integrated and structured approach to integral ecology.

The platform offers us a shared global framework, enabling us to deepen our practices, strengthen accountability, and align our mission more consciously with ecological justice. It also provides an opportunity to learn, collaborate, and contribute as part of a larger community working towards care for our common home.



Thus, joining this platform is both a continuation of our journey and a commitment to grow more intentionally in fostering ecological responsibility and social transformation.

- Whether you have already been taking action on Laudato Si' for some time or are just beginning your journey, what are your existing initiatives or the efforts you have already started? Use any online calculators that are helpful to you, or use the table below.

Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, Theni District, Tamil Nadu, India, has been actively engaged in initiatives aligned with the spirit of Laudato Si', and we continue to grow in this journey.

Our efforts span 11 major domains of sustainability action, integrating environmental education, campus practices, research, and community engagement. We create awareness among our students and neighbouring villages on integral ecology and the protection of our common home.

Through structured waste management, water conservation, green initiatives, and sustained outreach in fifteen adopted villages, we promote responsible and sustainable living. While these efforts reflect our commitment, we aspire to deepen and expand our impact through a more integrated and holistic approach.



Laudato Si Goals	Current Actions	What's working well	Areas for Improvement
Response to the Cry of the Earth	<ul style="list-style-type: none"> • Solid and liquid waste management systems • Rainwater harvesting and wastewater reuse • Ban on single-use plastics • Green audits and energy audits • Tree plantation drives and biodiversity initiatives 	<ul style="list-style-type: none"> • Strong institutional policies • Active student participation • Well-maintained green campus ecosystem 	<ul style="list-style-type: none"> • Increased use of renewable energy • Carbon footprint assessment and reduction strategies
Response to the Cry of the Poor	<ul style="list-style-type: none"> • Village outreach programmes • Environmental awareness campaigns in rural communities • Skill-based sustainable livelihood initiatives 	<ul style="list-style-type: none"> • Community engagement through NSS and extension programmes • Student involvement in social responsibility 	<ul style="list-style-type: none"> • Long-term impact assessment of outreach • Structured livelihood interventions
Ecological Economics	<ul style="list-style-type: none"> • Research in green technology, sustainable agriculture, and waste management • Eco-friendly campus enterprises like recycling units 	<ul style="list-style-type: none"> • Interdisciplinary research output • Innovation and incubation initiatives 	<ul style="list-style-type: none"> • Scaling sustainable entrepreneurship models • Industry collaboration for green innovation



<p>Adoption of Sustainable Lifestyles</p>	<ul style="list-style-type: none"> • Plastic-free campus • Electric buggy for internal transport • Waste segregation and recycling 	<ul style="list-style-type: none"> • Institutional discipline and compliance • Visible behavioural change among students 	<ul style="list-style-type: none"> • Sustainable consumption tracking • Awareness on minimalism and lifestyle choices
<p>Ecological Education</p>	<ul style="list-style-type: none"> • Mandatory Environmental Science course • Sustainability Life Skills and Eco Literature • Conferences, workshops, FDPs on sustainability 	<ul style="list-style-type: none"> • Curriculum integration across disciplines • Experiential learning through field visits 	<ul style="list-style-type: none"> • Outcome measurement of ecological learning • More interdisciplinary courses
<p>Ecological Spirituality</p>	<ul style="list-style-type: none"> • Value-based education • Integration of ethics, care, and responsibility in teaching 	<ul style="list-style-type: none"> • Strong institutional ethos • Alignment of values with practice 	<ul style="list-style-type: none"> • Structured reflection practices for students • Linking spirituality explicitly with ecology
<p>Community Resilience and Empowerment</p>	<ul style="list-style-type: none"> • Extension programmes • Awareness drives and training • Student-led initiatives 	<ul style="list-style-type: none"> • Strong outreach culture • Collaboration with local communities 	<ul style="list-style-type: none"> • Long-term partnerships • Monitoring community impact

Green Initiatives

**Jayaraj Annapackiam College for Women (Autonomous),
Periyakulam, Tamil Nadu, India**



Details of the Contribution 2025

- At Jayaraj Annapackiam College for Women (Autonomous), Environmental sustainability is embedded as an institutional priority across curriculum, research, campus practices and community engagement.
- Environmental studies and sustainability themes are systematically integrated across UG and PG curricula, with explicit alignment to all 17 Sustainable Development Goals (SDGs) through curriculum design, student induction programmes and academic activities.
- The college offers a mandatory Environmental Science paper (2 credits, 30 hours) for all students across disciplines, along with interdisciplinary courses such as Sustainability Life Skills, Eco Literature and related value-based and skill-oriented courses that reinforce ecological awareness and sustainable thinking.
- Regular organisation of national and international conferences, seminars, workshops, FDPs and training programmes addressing:
 - Sustainable development
 - Renewable energy
 - Biodiversity, agriculture, and ecological conservation
- Environmental awareness days such as Renewable Energy Day and related observances are systematically celebrated to ensure sustained ecological sensitisation among students, staff and local community.
- Students actively engaged in environmental outreach programmes through NCC, NSS and Extension, various awareness campaigns, and extension activities in adopted villages and surrounding communities, promoting responsible environmental citizenship
- Regular tree plantation drives conducted within the campus, neighbouring localities, and adopted villages, contributing to enhanced green cover and ecological balance.
- Maintenance of a healthy campus ecosystem, with oxygen levels recorded at approximately 20.9%, indicating effective green practices and dense vegetation.

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- Annual green and energy audits are conducted by certified external experts to ensure compliance and continuous improvement.
 - Strong research orientation towards sustainability, environmental science, green chemistry, waste management, sustainable agriculture, and ecological studies, evidenced by Scopus, Web of Science, and UGC-CARE indexed publications
 - Incubation and implementation of environmentally relevant projects such as compost pits, vermicomposting, water quality analysis, waste recycling, and green technology initiatives.
 - Well-structured solid and liquid waste management systems implemented across the campus.

Solid waste management

- Bio-degradable and non-degradable wastes are separated. Gas produced by processing of degradable waste, gas from night soil and plants are used for cooking purpose in the campus. Sanitary napkins are disposed by using incinerators.

Liquid waste management

- Waste water is used for gardening and waste water from the RO system is used for hand wash of students. Waste water from the laboratories is properly operated following standard procedures. Proper drainage systems and rain water harvesting system ensure that water is not wasted.
- Biomedical waste management
- An Incinerator machine is used to burn needles. Other biodegradable and nonbiodegradable wastes are segregated and disposed wisely.

E-waste management

- The outdated computers and peripherals are kept in the Hardware Museum. UPS batteries are exchanged by the suppliers. E-wastes are handed over to the agent of the suppliers of electronic equipments when they fall out of use.

Hazardous chemicals and radioactive waste management

- Microscale level practicals were conducted in view of reducing chemicals and chemical hazards.

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- Waste papers are processed by SARWODEEP, a unit of the college in the campus, to produce boards for files and daily calendars.
 - Mandatory waste segregation at source followed by recycling and safe disposal practices.
 - Complete ban on single-use plastic within the campus to promote sustainable consumption.
 - Restriction on the use of petrol and diesel vehicles inside the campus to minimise carbon emissions and noise pollution.
 - Adoption of electric buggy for internal transportation as a clean mobility initiative.
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1. Environmental Education and Training

Field Trip

- ✚ 24 students of II B.A. English were accompanied by Mrs. J. Anitha, Assistant Professor of English to Kodaikanal for the Environmental Studies Field Visit on 1st & 2nd August, 2025.
 - ✚ 23 students from II B.Sc. Chemistry visited Kodaikanal as part of the EVS Trip on 1st & 2nd August, 2025.
 - ✚ 16 II B.Sc., Mathematics students visited Kodaikanal as part of the EVS Trip on 2nd & 3rd August, 2025.
 - ✚ 35 students from II B.Com. (SF) visited Kodaikanal as part of the EVS Trip on 8th and 9th August, 2025.
 - ✚ 9 II BCA students went to Kodaikanal for the Environmental Studies on 8th & 9th August, 2025.
 - ✚ 10 students from I M.Sc. Zoology visited the Sericulture Farm in Kailasapatti on 12th August, 2025.
 - ✚ 46 students from II B.Com. (R) visited Kodaikanal as part of the EVS Trip on 29th & 30th August, 2025.
 - ✚ 35 students from II B.Voc. Health Care visited Kodaikanal as part of the EVS Trip on 30th & 31st August, 2025.
 - ✚ 34 students from II B.A. Tamil visited Kodaikanal as part of the EVS Trip on 31st August & 1st September, 2025.
 - ✚ 14 students from BBA Department visited Kodaikanal for the EVS Field Trip on 20th & 21st July, 2024.
 - ✚ 38 students from II B.Sc. Chemistry visited Kodaikanal for the Environmental Studies field visit on 21st & 22nd July, 2024.
 - ✚ 39 students from II B.Sc. Computer Science went for an Environmental studies tour to Kodaikanal on 27th & 28th July, 2024.
 - ✚ 16 students of II B.Sc. Mathematics went for an Environmental studies tour to Kodaikanal on 27th and 28th July, 2024.
 - ✚ PG and Research Department of Tamil arranged a field trip visit for two days 3rd & 4th August, 2024 through the Environmental Studies club for all the II UG Tamil students to Kodaikanal.
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- ✚ 35 II B.A. English students visited Kodaikanal for the EVS Trip on 3rd & 4th August, 2024.
 - ✚ 59 students from II B.Com. (CA) went to Environmental Studies trip to Kodaikanal, from 9th & 10th August, 2024.
 - ✚ # EVS Trip was organized for the II B.Voc. Beauty wellness and Health Care students on 10th & 11th August, 2024.
 - ✚ All the NSS Units organized an Orientation Programme for first-year students on 19th July, 2025. Dr. Sr. S. Iruthaya Kalai Selvam, Principal, addressed the gathering and delivered an inspiring message. She emphasized the importance of cleanliness, maintaining the college as a green campus, and adopting eco-friendly practices such as butterfly gardening. Around 700 volunteers, 7 Programme Officers and 7 Staff Advisors attended the programme
 - ✚ The PG and Research Center of Chemistry organised a Workshop on Water Quality Assessment on 13th February, 2025 for II M.Sc. students as part of the water analysis course. Sr. S. Sahaya Leenus, Assistant Professor in Chemistry led the workshop.
 - ✚ Mrs. S. Devashanthi, Assistant Professor of Zoology - A Comprehensive study on aquatic avifaunal diversity in Karungulam pond at Lakshmipuram
 - ✚ Dr. U. Anamica, Assistant Professor of English - In the Shade of Peace: Reconciliation through Aimee Nezhukumatathil's Catalpa Tree
 - ✚ Mrs. A. Monika, Assistant Professor of English - Tribal Symphony: Harmony with Nature in Walking is a Way of Knowing In a Kadar Forest
 - ✚ The PG and Research Centre of Zoology and the Department of Advanced Zoology and Biotechnology jointly organized a One Day International Webinar on Multidisciplinary Approaches in Research for Sustainable Development on 12th December, 2025. Two eminent resource persons handled the technical sessions. Around 387 participants from various colleges were benefited from this programme.
 - ✚ PG & Research Department of Commerce, organized National Level Faculty Development Programme on Indigenous Knowledge System from 17th to 19th December, 2025. Dr. Selvaraj Arulnathan SJ, Director, Indian Social
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Institute, Bengaluru served as Resource Person. Totally 55 Participants are benefited through this programme.

- ✚ Dr. B. Mary Suba, Assistant Professor of English, served as a resource person in *Kalanthuraiyaduvom Peravai* and delivered a talk on "Illakkiyathil Iyarkai" on December 22, 2026
- ✚ The PG & Research Department of Commerce organized a National Level Faculty Development Programme on "Indigenous Knowledge System" from December 17th to 19th, 2025.
- ✚ A study circle session on this topic was led by Dr. K. Sakaya Gracy on December 22, 2025
- ✚ The PG and Research Centre of Physics organized a guest lecture on "Green Energy Initiatives for Sustainable Development" on 16th December, 2025.
- ✚ Environmental Records in Sangam Literature: This session was led by Dr. K. Sakaya Gracy, Assistant Professor of Tamil, on 22nd December, 2025.
- ✚ Natural Resources by Dr. Sr. J. Arul Sunila, Assistant Professor, on 20th December, 2025.
- ✚ Guest Lecture on Ecology: Jointly organized by the Avian Club and Eco Club on 16th December, 2025.

2. Environmental Awareness

- ✚ The NSS Unit XI conducted the World Environment Day Celebration on 28th June, 2025. As part of the celebration, a slogan writing competition was organized for the students. A total of 30 students actively participated in the competition. Two students won the first prize, and three students received the second prize. The list of prize winners is given below. This event was organized by Dr. Anitha Mary, Programme Officer, and Dr. Emagulate Rani, Staff Advisor.
 - E. Esha Devi & P. Sharmila, II B.Sc. Advanced Zoology & Biotechnology - I Prize
 - P. Dhanushiya, K. Eroshini, A. Tanista, II B. Sc. Zoology - II Prize
- ✚ As part of the Environment Day celebrations, the NSS Unit XIII conducted a drawing competition titled "Caring for Nature is Caring for Health" on 26th

June, 2025. NSS volunteers participated enthusiastically and showcased their artistic talents. The winners are the following:

✓ S. Priyalakshmi, II B.Sc. Computer Science - 1 Prize

✓ T. Sharmitha, II B.Sc. Chemistry - II Prize

✚ The Computer Science department, guided by Ms. V. Vanitha, conducted an awareness talk on World Environment Day at Kallipatti with 40 II B.Sc CS students, benefiting 50 villagers through interactive sessions and a tree plantation drive.

✚ The BCA department, under Mrs. A. Kavia, engaged 29 II BCA students at T. Kallipatti in a campaign on environmental hygiene and water conservation.

✚ The PG and Research Centre of Zoology and Avian Club organized a “Campus Bird Walk” inside the JAC Campus on 17th December, 2024. Mr. S. Muralitharan, District Forest Range Officer, Theni District guided the participants.

✚ The PG and Research Centre of Zoology organized a Guest lecture on the topic “Marine Pollution and Conservation of Biodiversity” on 20th January, 2025. Dr. T. Citarasu, Associate Professor, Centre for Marine Science and Technology, Manonmaniam Sundaranar University, Tirunelveli served as a resource person and delivered a talk on Importance of Marine Habitat and the Need for Conservation.

✚ The PG and Research Centre of Zoology, organised a Interdisciplinary Guest Lecture on “Big Data in Ecology: Managing and Analysing Biodiversity Data” on 7th February, 2025. Dr. Sr. R. Shantha Mary Joshitta, Secretary & Assistant Professor of Computer Science, served as the resource person.

✚ 4 Faculty members and 10 students from Avian Club participated in the Campus Bird Count by GBBC (Great Backyard Bird Count -2025) organised by eBird India on 17th February, 2025.

✚ Dr. K. Sakaya Gracy delivered a talk on "National Pollution" organized by the Youth Red Cross (YRC) on 2nd December, 2021.

- ✚ Energy Conservation Awareness: Observed on December 14, 2025, with a lecture highlighting the importance of conserving energy for future generations.
 - ✚ The PG and Research Centre of Zoology celebrated World Pollution Day on December 11, 2025, with essay and drawing competitions to raise awareness about pollution.
 - ✚ A guest lecture on "Green Energy Initiatives for Sustainable Development" was held on December 16, 2025, to highlight energy conservation.
 - ✚ In connection with National Energy Conservation Day, PG and Research Centre of Physics organized a guest lecture on "Green Energy Initiatives for Sustainable Development" on 16th December, 2025. Dr. M. Ragam, Assistant Professor of Physics, Fatima College, Madurai served as a resource person and delivering a lecture to the students and highlighting the importance of energy conservation. Students of Physics department got benefitted through this programme.
 - ✚ The PG and Research Centre of Zoology celebrated World Pollution Day on 11th December, 2025.
 - ✚ 12 I M.Sc. and 29 III B.Sc. Chemistry students received Pasumai Nesar Award - 2025 by Pasumai Vasal Foundation, Chinnalapatti, Dindigul on 30th December, 2025.
 - ✚ National Pollution Control Day Awareness Session: Organized by the Eco Club on 9th December, 2025. The session focused on "Plastic-Free Environment – Challenges and Solutions." Mrs. S. Dhivya Lakshmi, Forest Range Officer (Forest Protection Squad, Megamalai Division, Srivilliputhur–Megamalai Tiger Reserve), served as the resource person.
 - ✚ The Avian Club and Eco Club jointly organized a Guest Lecture on "Importance of Wildlife Conservation" on 16th December, 2025. Ms. V. Rahini, Project Fellow, Project Nilgiri Tahr addressed the students. She explained the role of birds at different trophic levels. She highlighted the different species of birds which act as a key link in food webs, acting as predators, prey and seed dispersers. She also highlighted the wild animals around the world and emphasized their need for conservation. 110 students participated and were benefitted from this programme.
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3. Environmental Protection

- ✚ On 5th June, 2025, NSS Unit VII celebrated World Environment Day on the theme, “End Plastic Pollution”. 6 NSS volunteers actively participated in the E-poster creation competition.
- ✚ On 5th June, 2025, NSS Unit IX conducted E-poster competition celebrating World Environment Day on the theme, “End Plastic Pollution”. 10 NSS volunteers actively participated in the competition based on the Environment Day theme. Murugeswari, II B.Com. (R) won I Prize
- ✚ In connection with the National Wild Life Week Celebration, the PG and research Centre of Zoology association conducted various competitions on the theme “Wild Life Conservation” on 10th October, 2025. 44 students participated in this competition and won prizes:
- ✚ In connection with National Forest Martyrs Day, the Departments of Computer Science and Computer Applications conducted awareness programmes to honour the 1730 Khejarli sacrifice of the Bishnoi community, who gave their lives to protect trees. The Department of Computer Science, coordinated by Mrs. P. Muthupandeeswari, held its session at 2:00 p.m. with 40 UG and PG students, focusing on forest conservation and environmental ethics. The Department of Computer Applications, led by Mrs. A. Kavia, organized a similar session at 3:00 p.m. in the Language Lab with 25 UG students, highlighting the importance of sustainable living and ecological awareness.
- ✚ As part of the Jayaraj Annapackiam College Extension Programme (JACEP), all departments of the college collectively organized a Herbal Plant Cultivation Programme on 18th October, 2025. The initiative aimed to create awareness among students about the significance of herbal plants and to encourage them to cultivate and preserve medicinal plants in their homes
- ✚ As part of the Jayaraj Annapackiam College Extension Programme (JACEP), all departments of the college collectively organized a Herbal Plant Cultivation Programme on 18th October, 2025. The initiative aimed to create awareness among students about the significance of herbal plants and to encourage them to cultivate and preserve medicinal plants in their

homes. With the objective of promoting environmental consciousness, natural healing practices, Indian Knowledge system and sustainable living, students from various disciplines participated in the event. The students were guided to plant them at their homes and nurture their growth. The programme was organized in collaboration with the World Book of Records under the JACEP initiative. # A total of 1500 students enthusiastically took part in the programme. They expressed keen interest in planting and maintaining the herbal saplings, acknowledging the importance of increasing greenery and incorporating herbal plants into daily life. The activity instilled a sense of responsibility towards nature and encouraged students to actively contribute to environmental protection. The programme made a significant impact on the student community by strengthening awareness about herbal conservation, ecological balance, and sustainable lifestyle practices

- ✚ As a part of green initiative, the PG and Research Centre of Zoology, initiated the setting up of Herbal Garden in Avian Park on 16th October, 2024. The II B.Sc. Zoology students actively involved in this activity and planted 40 medicinal plants which motivated them to initiate gardening at their home.
- ✚ On 31st January, 2025, JACEP organized a Tree Plantation Programme in the college campus. The event was supported by Ms. A. Sangavi Priyadarsini, Assistant Horticultural Officer, Periyakulam Block, who generously provided 300 saplings for the plantation drive. A total of 315 students participated in the event,
- ✚ On 15th March, 2025, JACEP conducted a Tree Plantation Programme to promote environmental sustainability. 374 students actively participated in the event.
- ✚ Conservation of Avifauna: A guest lecture on "Avifauna of JAC Campus" was held on September 6, 2021, focusing on identifying and conserving bird species within the campus.
- ✚ Ms. S. Mariasteffi, Assistant Professor of Physics, Ms. S. Maria Esther, Assistant Professor of Chemistry, along with I M. Sc. and III B.Sc. students received the Pasumai Nesar Virudhu – 2025 from Pasumai Vasal Foundation on 30th December, 2025.

4. Research and Scientific Studies for a New innovative Green products/Green technology

- ✚ Dr. Sr. S. Iruthaya Kalai Selvam, Assistant Professor of Zoology, published a paper, titled Challenges and Solutions in Biomedical Waste Management during the COVID – 19 Pandemic: A critical Review of Regulatory Environmental and Health Impacts in the Journal CORONAVIRUSES, Bentham Science Publishers, ISSN: 2666 – 7975. Vol. XX, No. XX, January 2025.
 - ✚ Dr. D. Arockia Jency, Assistant Professor of Physics, published a paper titled, Harnessing rGO–ZnS Nanocomposites for Effective Photocatalytic Degradation of Methylene Blue in the Journal of ChemistrySelect, 2025, Vol:10, ISSN: 2365-6549 and Impact factor: 2.
 - ✚ Dr. A. Jegatha Christy, Associate Professor of Physics, published a chapter on Exploring Two- Dimensional (2D) layered materials and their composites for wastewater treatment and Photocatalytic Dye Degradation in the book titled, “Environmental Pollution, Health Hazards and Sustainable solutions” published by Springer Nature on 24th October 2025, pp. 263-280.
 - ✚ P. Nandhini, Research Scholar of Tamil, presented a paper on the topic, Agriculture in Ancient Tamil Literature in the International Seminar on “Technological Thoughts of the Ancient Tamils” organized by Tamil Surabi Publications and SA Publications on 2nd September, 2025.
 - ✚ Dr. Sr. S. Iruthaya Kalai Selvam, Assistant Professor of Zoology, published a paper titled, Root-knot nematode suppression through biogenic silver nanoparticles: A promising path for sustainable agriculture in “Journal of Nanoparticle Research”, Vol. 26:249, pp. 1-27, November 2024, Impact factor: 2.1.
 - ✚ Dr. Sr. S. Jesurani, Principal and Dr. A. Jegatha Christy, Assistant Professor of Physics, published a paper on Biofuel-assisted synthesis of barium hexaferrite nanoparticle: magnetic properties characterizations and pyridoxin sensing in the Journal of “Ionics”, (2025) 1-15 and ISSN: 1862-0760, January 2025.
 - ✚ Sr. J. Rojer, Assistant Professor of English, published an article titled, The Feminine Voice in Ecocriticism: Women’s Perspective on Nature in Prodigal
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Summer in SHANLAX International Peer-Reviewed Journal of English, E-ISSN: 2582-3531, Vol. 13, Issue 2, March 2025, pp. 30-35.

- ✚ Sr. J. Rojer, Assistant Professor of English, published a paper on Reflecting Aquatic Life and Ecology in Literature: A Study of Animal Dreams in the International Journal for Multidisciplinary Research (IJFMR), E-ISSN: 2582-2160, Vol. 7, Issue 1, January-February 2025, pp. 1-6.
 - ✚ Dr. Sr. S. Iruthaya Kalai Selvam, Assistant Professor of Zoology, published a book titled, Bioentrepreneurship published by Authors Click Publishers, ISBN: 9789366657158, March 2025.
 - ✚ Dr. S. Iruthaya Kalai Selvam, Assistant Professor of Zoology, published a book titled, Revolutionizing Rural Higher Education. 'One Project, One Student, One staff and One Farmer' Model Research Hub at Jayaraj Annapackiam College in Rural Tamil Nadu published by Authors Click Publishing ISBN: 978-936665-660-1, May 2025.
 - ✚ Mrs. F. Sherin Rebecca, Assistant Professor of Zoology - Identification and Characterization of plant growth promoting Rhizobacteria and their effect on seed germination and Plant growth.
 - ✚ Mrs. S. Devashanthi, Assistant Professor of Zoology - A Comprehensive study on aquatic avifaunal diversity in Karungulam pond at Lakshmipuram
 - ✚ Mrs. J. D. Sundari, Assistant Professor of Mathematics, presented and published a paper titled, Homomorphism and Anti Homomorphism of Neutrosophic M-Subgroup M-Group in the Proceedings of the Third International Conference on "Advanced Nanomaterials for Energy, Environment and Healthcare (ANEH -2024)" jointly organized by Heriot-Watt University, UK, G.T.N Arts College (Autonomous), Tamilnadu and ANEH Scientific Foundation, India from 21st to 23rd August, 2024, ISBN: 978-93-93518-35-4.
 - ✚ Mrs. J. D. Sundari, Assistant Professor of Mathematics, presented and published a paper titled, Introduction to Plithogenic M-Subgroup in the Proceedings of the Third International Conference on "Advanced Nanomaterials for Energy, Environment and Healthcare (ANEH -2024)" jointly organized by Heriot-Watt University, UK, G.T.N Arts College
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(Autonomous), Tamilnadu and ANEH Scientific Foundation, India from 21st to 23rd August, 2024, ISBN: 978-93-93518-35-4.

- ✚ Dr. Sr. S. Iruthaya Kalai Selvam, Assistant Professor of Zoology and Dr. Sr. A. Irudaya Lourdhya Gladis, Assistant Professor of Botany, contributed a chapter titled, "A Symphony of Life – Understanding the Biological World" in the book titled, "Today's Multidisciplinary Research Perspectives – Volume I" ISBN: 978-81-19368-81-5, 2024 published by Authors Click publishing.
- ✚ Dr. Sr. S. Iruthaya Kalai Selvam, Assistant Professor of Zoology, contributed a chapter titled, "The Omics That Play a Vital Role in Human Beings" in the book titled, "Today's Multidisciplinary Research Perspectives" – Volume II, ISBN: 978-81-19368-56-3, 2024 published by Authors Click Publishing.
- ✚ Dr. Sr. S. Iruthaya Kalai Selvam, Assistant Professor of Zoology, contributed a Chapter 6 - Biofabrication of Silver Nanoparticles from Citrus Peel Extract: Characterization, Larvicidal Activity, and Applications in Aedes Aegypti Mosquito Control in the book titled "Modern Trends in Multidisciplinary Research" volume-3, ISBN: 978-81-19368-14- 3 published by Authors Click Publishing.
- ✚ Dr. Sr. S. Iruthaya Kalai Selvam, Assistant Professor of Zoology, contributed a Chapter 7 Real-World Strategies for Sustainable Water Management in the book titled "Modern Trends in Multidisciplinary Research" volume-3, ISBN: 978-81-19368-14- 3 published by Authors Click Publishing.
- ✚ Dr. Sr. S. Iruthaya Kalai Selvam, Assistant Professor of Zoology contributed a Chapter 8 The Role of Endophytes in Enhancing Plant Growth and Stress Tolerance in the book titled "Modern Trends in Multidisciplinary Research" volume-3, ISBN: 978- 81-19368-14- 3 published by Authors Click Publishing.
- ✚ Dr. Sr. S. Iruthaya Kalai Selvam, Assistant Professor of Zoology, contributed a Chapter 12 Role of Pheromones in Animal Behavior in the book titled "Modern Trends in Multidisciplinary Research" volume-3, ISBN: 97881-19368-14- 3 published by Authors Click Publishing.
- ✚ Dr. B. Amala Jasmine, Assistant Professor of Mathematics, contributed a Chapter 13 titled "Exploring Biodiversity: Analyzing Monkey Population Variations in the Kodaikanal Hills" in the book titled "Dynamic Trends in

Multi-Domain Integration Volume II” ISBN: 978-81-19368-31-0, published by Authors Click Publishing, Chattisgarh on August, 2024.

- ✚ Chapter 12 - Genomics of Animal Evolution: Using Bioinformatics to study the Genetic Basis of Evolutionary Adaptations in various Animal species
- ✚ Chapter 18 - Diverse Dynamics: Economic, Agricultural and Morphological Perspectives on Root-Knot Nematode *Meloidogyne* species
- ✚ Chapter 1 - Astrozoology: Exploring Animal Biology beyond Earth
- ✚ Chapter 4 - Signalling Pathways in Plant Immunity and Human Health
- ✚ Chapter 13 - Exploring Biodiversity: Analysing monkey population Variations in the Kodaikanal Hills #Dr. Sr. A. Irudaya Lourdu Gladis, Assistant Professor of Botany, edited the book titled, “Today's Multidisciplinary Research – Vol. 3”, ISBN: 978-93-6010-068-1 published by Prime International Publication.
- ✚ Dr. Angeline Sorna, Assistant Professor of English, published the chapter on Healing the Land, Healing the World: Exploring the Intersection of Conflict, Environment and Art in the book titled SDG 16 Peace, Justice and Strong Institutions published by Office of Research and Development, Madras Christian College, Chennai in March 2025, ISBN: 978-81-986594-4-6.
- ✚ Dr. M. R. Delphine Rose, Associate Professor of Zoology - Green Synthesis of silver nanoparticles using leaf extracts of *Morinda citrifolia* and its antibacterial activity
- ✚ Dr. V. Jemima Florence Borgia, Associate Professor of Zoology - Evaluation of phytochemical and antimicrobial activity of *Abutilon indicum* and *Ocimum canum*
- ✚ Dr. Sr. S. Iruthaya Kalai Selvam, Assistant Professor of Zoology - Isolation and Identification of *Heterorhabditis indica* using *Galleria mellonella* baiting method
- ✚ Evaluation of the impact of *Tagetes erecta* flower extract on morphological alterations and lethal effects in *Meloidogyne incognita*
- ✚ Effect of eco-friendly biological control through different release levels of plant extract (*Allamanda cathartica*) against sugarcane shoot borer (*Chilo infuscatellus*) in CO86032 variety at Thamaraikulam village, Theni Dt.

- ✚ Mrs. F. Sherin Rebecca, Assistant Professor of Zoology, registered a design patent entitled “Microbial Load Detection Device For Water Quality Assesment” under Patent Design Number: 424235-001 in October 2024.
 - ✚ Sr. J. Rojer, Assistant Professor of English, published an article titled Flight of the Monarchs, Crisis of the Planet: Ecological Consciousness in Kingsolver’s Flight Behaviour in Amnayiki, ISSN: 2277-4270, pp. 143-148, Vol. 28 (July-December, 2025), Peer Reviewed.
 - ✚ Dr. Sr. M. Velankanny, Assistant Professor of Zoology, contributed a Chapter (Chapter 12 – Detection of Insect Count in Cultivated Fields Using IoT: Traditional Vs. Modern Methods) in the book titled “Beyond the Wild: Modern Insights in Zoology) published by Thanuj International publishers. Tamil Nadu ISBN: 978-93- 49618-03-9.
 - ✚ Dr. Sr. M. Velankanny, Assistant Professor in Zoology contributed a Chapter (Chapter 13 – IOT-Enabled Intelligent Vermicomposting for Sustainable Agriculture) in the book titled “Beyond the Wild: Modern Insights in Zoology) published by Thanuj International publishers. Tamil Nadu ISBN: 978-93-49618-03-9.
 - ✚ Dr. K. Sakaya Gracy (Tamil), Mrs. B. Jasmine (CS), and Ms. B. Ramapriya (CS) published a patent for a “Building Recommender Engine To Forecast Mangifera Indica Foliar Pathogens.” This technology uses predictive modeling to protect crops, reducing the need for excessive chemical pesticides.
 - ✚ Solar Drying Project: Dr. D. Arockia Jency received a SEED JAC grant for the research project "Solar Drying of Ingredients and Development of VAP", promoting green technology for sustainable entrepreneurship.
 - ✚ Green Synthesis of Nanoparticles: Research was published on the "Green synthesis of silver nanoparticles using flower extract of Calotropis gigantea" in April 2022.
 - ✚ Pollutant Detection: A study on the "Detection of organic pollutants by using SERS based sensors on functionalized metal nanoparticles" was presented on August 31, 2021
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5. Sustainable Development

- A Two-Day State Level Seminar on Nanotechnology for Sustainable Energy and Environment was organized by Mrs. K. Chellamal (PHDPHY18P572), Part-time Research Scholar, under the guidance of Dr. Sr. S. Jesurani, Principal & Associate Professor of Physics on 14th & 15th March, 2025. 67 students and 10 Faculty members attended the program.
- Dr. K. Sakaya Gracy, Assistant Professor of Tamil - Green Perspectives in Tamil Literature: Pathways to Sustainable Development
- Dr. U. Anamica, Assistant Professor of English - Nest by Nils-Udo: A Symbol of Sustainability and Ecological Consciousness

6. Solid Waste Management

- The PG and Research Centre of Zoology in collaboration with the Eco Club organized a Training Programme on Sustainable Strategies for Managing Degradable and Non-Degradable Waste – Towards a Zero Waste Campus on 23rd September, 2025. Mr. M. Arun Raj, Subject Matter Specialist, Department of Soil Science, CENDECT, KVK, Kamatchipuram, Theni served as a resource person and elaborated the different strategies involved in biodegradable and non-biodegradable waste management. 100 students were benefited through this programme
 - Environmental Sustainability in Rural Development” on 23rd July, 2025. Dr. Sr. T. Nirmala, Former Principal, JAC and Provincial of Mumbai Province served as a resource person and shared her views in conserving our environment.
 - PG and Research Centre of Chemistry, prepared organic compost from dried leaf litter waste by microbial conversion. The yield was 250 Kg and sold for Rs.2500/
 - The Impact of Micro-Organisms on Sustainable Development by Mrs. B. Vaishnavi, Assistant Professor, on 20th August, 2024.
 - Artificial Photosynthesis: A Path way to Solar Fuels by Dr. R. Betsy Clarebel, Assistant Professor, on 20th August, 2024.
 - Microplastics by Dr. Sr. S. Iruthaya Kalai Selvam, Assistant Professor, on 30th September, 2024.
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- ✚ Creation of Agri Track for Millets Supply Chain of Theni District using Blockchain Technology by Mrs. P. Murhupandeeswari, Assistant Professor, on 1st October, 2024.
 - ✚ Natural Language Processing (NLP) by Ms. C. Kavitha, Assistant Professor, on 19th March, 2025. • Sustainable Supply Chain by Mrs. M. Suthanthira Devi, Assistant Professor, on 5th April, 2025.
 - ✚ As part of our green initiative, PG and Research Department of Mathematics planted several saplings to promote environmental sustainability and encouraged the importance of nurturing nature among students on 6th September, 2024.
 - ✚ A. Vinothini, Research Scholar of Zoology, published a paper titled, "Root-knot nematode suppression through biogenic silver nanoparticles: A promising path for sustainable agriculture in Journal of Nanoparticle Research" in November 2024, Vol. 26:249, pp. 1-27, Impact factor: 2.1.
 - ✚ A.Vinothini, Research Scholar of Zoology, contributed a chapter in the book titled, "Modern trends in Multidisciplinary Research - Volume - 3" (Chapter 7 - Real-World Strategies for Sustainable Water Management) ISBN: 978-81-19368-14- 3 published by Authors Click Publishing.
 - ✚ T. Manimegalai, Research Scholar of Zoology, contributed a Chapter 13 "Exploring Biodiversity: Analysing monkey population Variations in the Kodaikanal Hills" in the book titled "Dynamic Trends in Multi-Domain Integration" ISBN: 978-81-19368-310 published by Authors click Publishing, Tamilnadu.
 - ✚ D. Kathuri Santira Kumari, Research Scholar of Zoology, presented a paper on Sustainable Waste Management Strategies in Higher Education Institutions: Advancing Environment Responsibility and Development in the One Day National Conference on "Innovative Approaches to Quality Assurance in Higher Education for Sustainable Futures" organized by the IQAC, Jayaraj Annapackiam College for Women, Periyakulam on 9th January, 2025.
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- ✚ IQAC organized a One Day National Conference on Innovative Approaches to Quality Assurance in Higher Education for Sustainable Futures on 9th January, 2025. Dr. S. Amalanathan, Head and Associate Professor, School of Commerce, Finance and Accountancy, Christ University, Bangalore, Dr. S. Angeline Vedha, Dean - Internal Quality Assurance Cell, Associate Professor of Chemistry, Bishop Heber College, Trichy and Dr. A. S. Priscilla, Dean of Academic Affairs & Associate Professor of Zoology, Lady Doak College, Madurai was the resource persons. 111 staff members were participated. Research Committee
 - ✚ Ecological Consciousness Publication: Sr. J. Rojer published a research paper titled "Flight of the Monarchs, Crisis of the Planet: Ecological Consciousness in Kingsolver's Flight Behaviour" in December 2025.
 - ✚ A One Day International Webinar on "Multidisciplinary Approaches in Research for Sustainable Development" was held on December 12, 2025.
 - ✚ Dr. B. Ubahara Mary (History), Dr. P. K. Santhi (Maths), Dr. D. Selvi (Maths), and Mrs. P. Muthupandeeswari (CS) published/granted a patent for "AgriTrack: A Blockchain-Based IoT-Integrated Supply Chain Management System for Millets Cultivation and Distribution." This supports sustainable food systems by ensuring transparency and efficiency in the millet supply chain.
 - ✚ Intelligent Vermicomposting: Dr. Sr. M. Velankanny contributed a book chapter on "IOT-Enabled Intelligent Vermicomposting for Sustainable Agriculture".
 - ✚ Paper Recycling Internship: Students from the Department of Chemistry underwent an Internship Training Programme on Paper Recycling Process at the Sarwodeep Star Self-Help Group from August 9–18, 2021.
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7. Climate Change Adaptation and Mitigation

- ✚ Green House Effect Competitions: The Eco Club conducted competitions on the theme "Green House Effect" on October 4 and 5, 2021.
- ✚ Agricultural Pathogen Forecasting: A patent was published for a "Recommender Engine To Forecast Mangifera Indica (Mango) Foliar Pathogens", helping farmers mitigate the effects of climate change on crops.
- ✚ Nematode Prediction in Agriculture (IMEPRNSA): Dr. N. Lavanyalakshmi (Commerce), Dr. Sr. R. Shantha Mary Joshitta (CS), and Ms. V. Vanitha (CS) published a patent titled "Integrated Management and Early Prediction of Root-Knot Nematodes in Sustainable Agriculture." This tool helps farmers adapt to soil-borne threats that are often exacerbated by changing climate conditions, promoting soil health and crop resilience.

8. Emission Reduction

- ✚ II M.Sc., Chemistry students attended an internship on the Paper Recycling Process at Sarwodeep Star Self- Help Group paper recycling unit, JAC Campus from 17th May to 2nd June, 2023.
- ✚ On 28th August, 2023, The celebration of World Industrial Day, JACEP an Industrial visit was organized to Garment Unit, Napkin Unit and Paper recycling Unit at Jayaraj Annapackiam College Campus, aimed at fostering awareness about industrial advancements and promoting the spirit of entrepreneurship, particularly among women. Sr. Sangeetha, Director of Sarwodeep, gave a talk "Women Entrepreneur".

9. Control and Recycling of Plastic Waste

- ✚ Microplastics Study: Dr. M. Kalanithi delivered a presentation on "Microplastics" on August 27, 2021, to highlight the impact of plastic pollution.
 - ✚ Recycling Start-up: The Paper Recycling Unit managed by Sarwodeep JAC serves as a permanent center for waste paper recycling within the institution.
 - ✚ On 19th December, 2025, students of the PG & Research Centre of History prepared and delivered 23 eco-friendly paper badges for the Viksit Bharat Youth Parliament (NSS) programme.
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- ✚ In collaboration with SARWODEEP, JAC organized an awareness programme on “Usage of Eco-Friendly Products” on 3rd August, 2024. Sr. Sangeetha Co-ordinator of SARWODEEP, arranged the expo on EcoFriendly product Key topics covered included the impact of single-use plastics, benefits of biodegradable materials, and energy-efficient products. Overall, the Eco-Friendly Product Awareness Program successfully raised awareness, encouraged action, and fostered a community commitment to sustainability. 67 students actively participated in this programme.
- ✚ JACEP On 23rd March, 2025 BCA engaged II BCA students in a napkin preparation awareness programme at Sarwodeep, benefiting 23 students.
- ✚ The Commerce Association organized “Jute Bag Training” on 6th September, 2024. Sr. Sangeetha, (Sarwodeep) gave a talk on Jute Bag Making and gave a demo.

10. Eco-restoration, Conservation Measures

- ✚ The PG and Research Centre of Zoology Association and Department of Advanced Zoology and Biotechnology, organized a Guest Lecture on “Biotechnological Approaches in Aquatic Animal health Management” on 29th July, 2025. Dr. T. Citarasu, Associate Professor, Centre for Marine Science and Technology, Manonmaniam Sundaranar University, Tirunelveli contributed as the resource person and shared his insights on Biotechnological Approaches in Aquatic Environment.
- ✚ PG and Research Centre of Physics celebrated the National Renewable Energy Day on 30th August 2024. In connection with this Physics Association arranged the Guest lecture. Dr. M. Jeyanthinath, Associate Professor, School of Chemistry, Madurai Kamaraj University, Madurai delivered a talk on “Photovoltaics: A clean Energy Revolution”. Also, the association of Physics conducted
- ✚ The PG and Research Centre of Physics, in association with the Institution’s Innovation Council (IIC), celebrated National Renewable Energy Day (NRED) on 6th March, 2025. As part of the celebration, a speech competition was organised.

- ✚ Conserve the Ecosystem: The Zoology Association conducted competitions with the theme "Conserve the Eco System" on October 4 and 5, 2021.
- ✚ Eco-Friendly Start-ups: The college promotes conservation and biodiversity through start-ups like Apiculture (Honey Bees) and Mushroom Cultivation.
- ✚ Wildlife Conservation Guest Lecture: Organized by the Eco Club and Avian Club on 16th December, 2025, on the topic "Importance of Wildlife Conservation." The session aimed to create awareness about protecting wildlife and conserving natural ecosystems. Ms. V. Rahini, Project Fellow (Project Nilgiri Tahr), served as the resource person.

11. Other Eco-related projects

- ✚ On 6th August, 2025, the students of the PG & Research Centre of History actively participated in the Startup initiative Ribbonia, showcasing their creativity, teamwork, and entrepreneurial spirit. As part of their involvement, the students made a significant contribution to the Hiroshima & Nagasaki event by designing, producing, and delivering 17 black-and-white paper badges. This served as an innovative solution to replace plastic and other non-biodegradable badges traditionally used in such events. Their efforts not only added a unique and personalized touch to the commemoration but also promoted environmental protection and zero waste. This initiative reinforced their ability to work collectively while making a meaningful impact.
 - ✚ In honour of the Independence Day Celebration on 15th August, 2025, the students of the PG & Research Centre of History prepared 15 paper badges under their startup initiative Ribbonia. These badges were thoughtfully designed and crafted to symbolize patriotic spirit. The students were actively engaged in every stage of the process from conceptualization to production and sale of the badges. Through this initiative, the participants not only contributed creatively to the celebration but also gained valuable entrepreneurial skills, including budgeting, marketing, and production management.
 - ✚ On 30th August, 2025, the students of the PG & Research Centre of History actively participated in their startup initiative Ribbonia, showcasing their
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creativity, teamwork, and entrepreneurial spirit. As part of their involvement, the students made a meaningful contribution to the NSS Volunteers Day celebrations. The students designed, crafted, and delivered eco-friendly paper badges under the banner of Ribbonia. These badges symbolized the values of service, unity, and commitment to society, reflecting the true spirit of the National Service Scheme. By replacing conventional plastic and non-biodegradable materials, the initiative promoted environmental consciousness and zero-waste practices. The initiative served as an opportunity for the students to integrate academic learning with entrepreneurial experience, while also making a positive social and environmental impact.

- ✚ ECO Club, Waste Water Management and Green Campus organized Environment and Green Audit on 17th February, 2025. Prof. A. Alagappa Moses, Rtd. Vice Principal, Associate Professor, Bishop Heber College, and Dr. D. J. S. Anand Karunakaran, Associate Professor in Physics and Associate Dean, Bishop Heber College, and Dr. V. Anand Gideon Head and Associate Professor, Department of Botany, Dean extension activities, Bishop Heber College and Ms. A. Adeline Nickieta, Research Scholar, Department of Environmental Science, Bishop Heber College, Trichy, Co- Founder of Gemer, were the audit committee members.
 - ✚ Eco-Friendly Rangoli Powder: Students prepared and sold Eco-friendly Rangoli Powder on January 4, 2022, as a non-toxic alternative to synthetic products.
 - ✚ Wildlife and Ecology Certification: Students and faculty completed SWAYAM NPTEL online courses on "Wildlife Ecology" and "Ecology and Environment" in 2021.
 - ✚ Terrace Gardening: A Skill Enhancement Programme on "Terrace Gardening" was organized on April 2, 2022.
 - ✚ The Avian Club members watched the different species of birds in Lakshmiapuram Pond on 2nd December, 2025. Mrs. S. Devashanthi and Dr. Sr. M. Velankanny, Assistant Professor of Zoology, accompanied the students. 10 students from III UG Zoology were participated in this programme. 15 species of birds were identified and recorded.
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Jayaraj Annapackiam College for Women (Autonomous)
Periyalulam, Theni District, Tamil Nadu, India



Living Laboratory



BIRD WATCHING



TREE PLANTATION



EMPOWERING ECO CHAMPIONS



ESTABLISHMENT OF HERBAL GARDEN



PAPER RECYCLING UNIT



NATIONAL CONFERENCE ON SUSTAINABILITY DEVELOPEMENT



**121 STUDENTS RECEIVED PASUMAI VITHAI SEMMAL
(ECO- CHAMPIONS) AWARD**

**பசுமை வாசல்
பவுண்டேஷன்**

சின்னாளப்பட்டி, திண்டுக்கல் மாவட்டம்.
B-IV-32, 2020 "மாபெரும் மரக்கன்றுகள் நடும் விழா"

பசுமை வாசல் பவுண்டேஷன் ஐந்தாம் ஆண்டு துவக்க விழாவினை முன்னிட்டு நடத்தப்பட்ட மாபெரும் மரக்கன்றுகள் நடும் விழா.
" **பசுமை விதைச்செம்மல் விருது** "

இன்று நான் நடும் ஒவ்வொரு மரக்கன்றுகள் நாளை என் குழந்தை " இலவசமாக சுவாசிக்கப்போகும் காற்று." தேசத்துக்காக மரக்கன்று நடட்ட இயற்கை ஆர்வலர் திரு / திருமிகு / செல்வன் / செல்வி

A.IRFANA THASLEEMA
REG No.:22JUCHR11 ,III B.Sc (CHEMISTRY)
JAYARAJ ANNAPAKIYAM COLLEGE FOR WOMEN
(AUTONOMOUS), PERIYAKULAM

அவர்களுக்கு
" **பசுமை விதைச்செம்மல் விருது** "
வழங்கி மகிழ்கின்றோம்.

தேதி:17/11/2024
சா.எண் :P507

ஆ.கோகுல்நாத்
நிறுவனர்,
பசுமை வாசல் பவுண்டேஷன்,
சின்னாளப்பட்டி,
திண்டுக்கல் மாவட்டம்.

ம.சிவசுப்பிரமணியன்
மதிப்புறு முனைவர்.
தகடூர் ம.சண்முகவடிவேல்,
தலைமை ஒருங்கிணைப்பாளர்,
பசுமை வாசல் பவுண்டேஷன்,
தருமபுரி மாவட்டம்.



Sustainable Support for People with Disabilities



Electric Buggy for Clean Mobility Initiative



Solar Power Initiative



Validation of Sustainability

GREEN AUDIT

CAMPUS ENVIRONMENT AUDIT CERTIFICATE

Issued under the Green Campus Initiatives Certification process

CENTRE FOR ENVIRONMENTAL SUSTAINABILITY
INV-CBS/BHC/JAC/GEE AUDIT/2025-06

An Affiliated Branch of the Anna University
 Accredited with 'A' Grade by NAAC
 (2017-2022) - 4th Re-Accredited Category
 Affiliated to Bishop Heber Theological Seminary, established
 PERIYAKULAM - 625 601, THENI DISTRICT, TAMILNADU.

Has successfully conducted **GREEN AUDIT** in accordance with the Sustainable Development Goals (SDGs) and standards of regulatory agencies in India.

Based on the Scope of Green Audit we hereby acknowledge and certify that

The Management, Teaching fraternity, students, and support staff of the **JAYARAJ ANNAPACKIAM COLLEGE FOR WOMEN (Autonomous), PERIYAKULAM - 625 601** have taken efforts to create a strategic change in attaining holistic Environmental Sustainability.

Period of Audit : 2024 - 2025
Date of Certification : 26.05.2025

 Prof. A. Alagappa Moses Ecology and Biodiversity Consultant Functional Area Expert - NABET	Accredited by NATIONAL ACCREDITATION BOARD FOR EDUCATION & TRAINING QUALITY COUNCIL OF INDIA 22/01/2019 FOR PERIYAKULAM ANNAPACKIAM COLLEGE FOR WOMEN Category A Projects (2019-2024) (2024-2029) NAAC Accredited (A) (2017-2022) (2022-2027)	 J.S. Anand Karunakaran Head, Professor PG & Research Department of Physics Bishop Heber College, (Autonomous) Tiruchirappalli - 620 017.
 A. Alagappa Moses Ecological Consultant Approved by NABET (2024)	 SWEAR TRUST 10/10, 10/10, 10/10, 10/10 Chief Executive Officer	# 18278, Ram Nagar, Institutional, Tiruchirappalli - 620 102.
Empanelled Functional Area Expert with		
 ECO SERVICES INDIA PVT. LTD. SUPPLY, PLANT & INSTALLATION VADAPATTI, 625 022	 GEO EXPLORATION AND MINING SOLUTIONS RAJULUVAZZHANGUDI, PERIYAKULAM	 Red Sea Eco Solutions & Environment (P) Ltd. 18/117, RAJULUVAZZHANGUDI, PERIYAKULAM
 SWEAR Sustainable Water Ecology Audit and Certification	Formerly Vice Principal (Aided) and Head, Department of Environmental Sciences, Bishop Heber College (Autonomous), Tiruchirappalli - 620 017 Mobile: 94424 91061, E-mail: alagappamoses@bhebercollege.ac.in	 EEMER Global Environmental Management and Ecological Restoration

Towards Clean and Green Campus

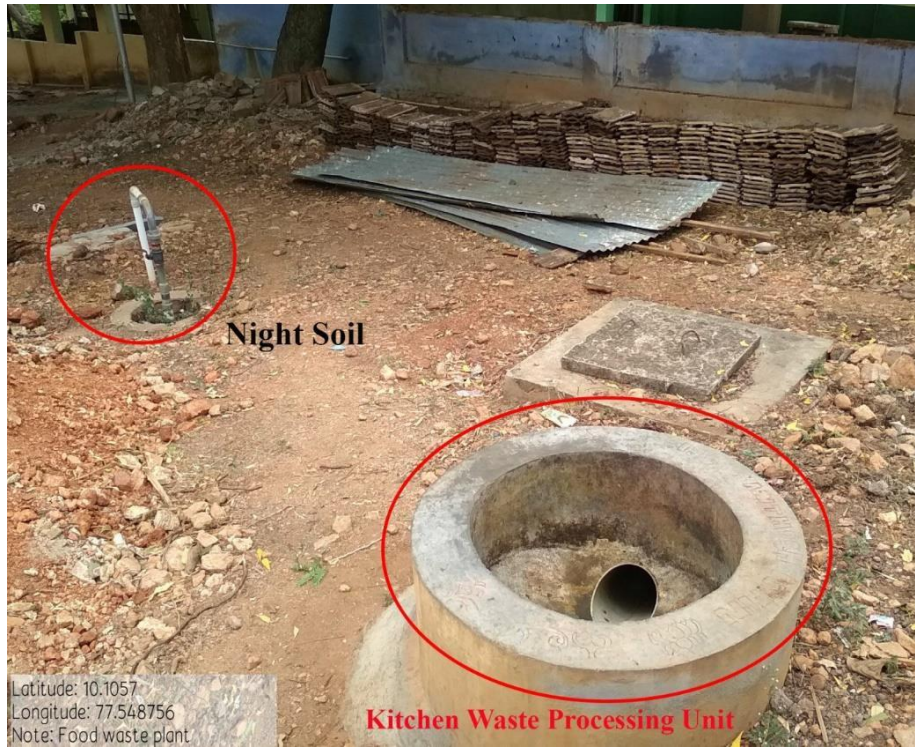
Waste Water Management



Solid Waste Management



Vermicompost Unit



Sustainable Hydration



Biowaste Management



Ayhi Sornu.

Co ordinator - IQAC
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Theni District Tamil Nadu

Shal sel

Principal
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for Women (Autonomous)
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