The Eco-Journey Sourcebook

Tiny seeds, lasting shade



Arch Ayri

Edition 1

The Eco-Journey Sourcebook

The Eco-Journey Sourcebook: Edition 1

Tiny seeds, lasting shade

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Disclaimer: The institutional case studies, data, and sustainability milestones documented in this edition are compiled from verified submissions by the respective participating institutions. While every effort has been made to ensure accuracy, the editor and publisher assume no liability for omissions or subsequent updates.

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Preface

Tiny seeds, lasting shade



At Arch Ayri, we believe that meaningful environmental transformation happens bit-by-bit and piece-by-piece. When small, consistent efforts across allied fields are collated together, they create a wonderful outcome—what we call a "Journey of a lifetime!"

The Eco-Journey Sourcebook: Edition 1 was curated to document the real starting points of institutional sustainability. Across higher education campuses, visionary leaders, faculty coordinators, and students are turning everyday routines into measurable ecological impact—from paperless digital classrooms and campus biogas plants to native plantations, sustainable mobility, and rural outreach.

Rather than treating sustainability as an abstract goal, the institutions featured in this inaugural volume serve as living blueprints. Each case study captures practical, replicable steps that other campuses can adapt to their own local contexts.

I extend my heartfelt gratitude to every participating institution, principal, nodal officer, and student club whose commtent brought these eco-narratives to life. May these pages inspire *many more journeys to begin.*

Ar. Nahida Abdulla
Editor
Arch Ayri — An Eco-Narratives Diary
www.archayri.org/ecojourney

School of Allied Health Sciences (SAHS)

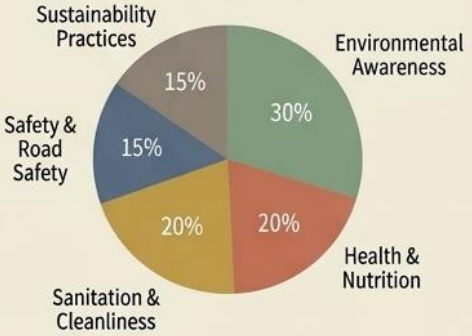
Vinayaka Mission's Research Foundation (Deemed to be University), Salem



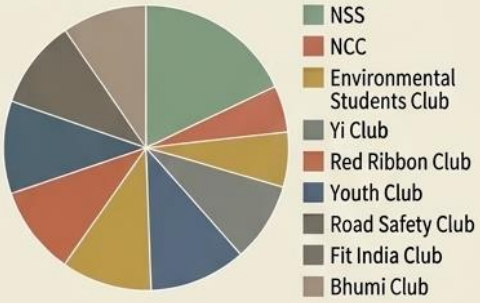
Institutional Champions — Recognized for Eco-Journey Excellence (Jan 2026)

LOCATION	Veerapandi, Salem, Tamil Nadu
DIRECTOR	Prof. Dr. B. Sendilkumar
NODAL OFFICER	Dr. R. Dhanasekar

Programme Focus (June–Dec 2025)



Student Leadership & Engagement



KEY IMPACT

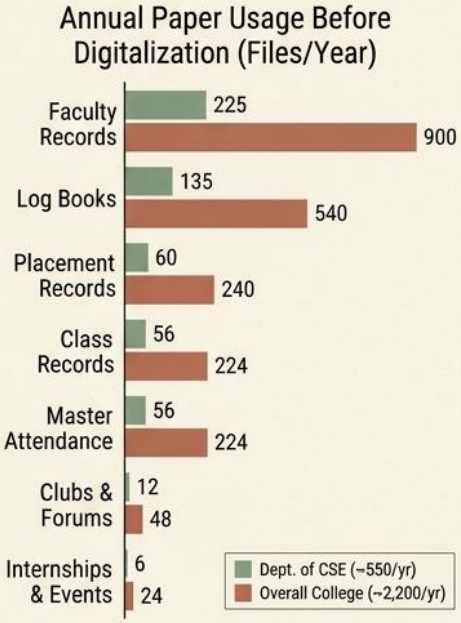
28 programmes across 9 student clubs, reaching 1,595+ student participation instances and 310 kg of waste responsibly managed.

Knowledge Institute of Technology (KIOT)

Department of Computer Science & Engineering, Salem



Institutional Champions — Recognized for Digital Sustainability Excellence (Mar 2026)



LABEL	DETAILS
LOCATION	Kakapalayam, Salem, Tamil Nadu
PRINCIPAL	Dr. K. Visagavel
HOD / CSE	Prof. T. Karthikeyan
COORDINATOR	Dr. P. Malarvizhi

KEY IMPACT

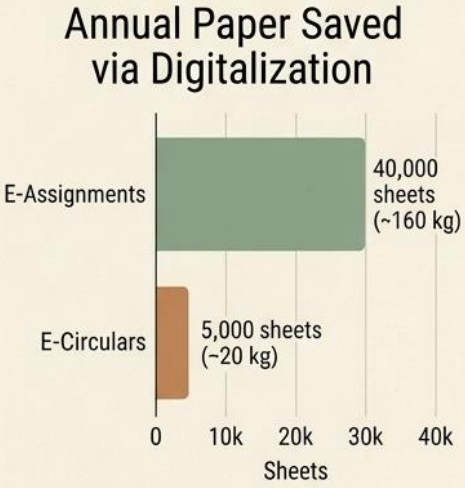
Driven by a Digital-First Policy (SDG 12), KIOT eliminated ~10,000 physical textbooks and 2,700 leave forms annually through CampusStack ERP, Google Classroom, and Coxco.

Knowledge Institute of Technology (KIOT)

Department of Electrical and Electronics Engineering, Salem



Institutional Champions — Recognized for Green Infrastructure & Energy Sustainability (Mar 2026)



Total: 45,000 sheets / ~180 kg saved annually.

LABEL	DETAILS
LOCATION	Kakapalayam, Salem, Tamil Nadu
PRINCIPAL	Dr. K. Visagavel
HOD / EEE	Dr. C. Muniraj
COORDINATOR	Mr. P. Balaji, AP

KEY IMPACT

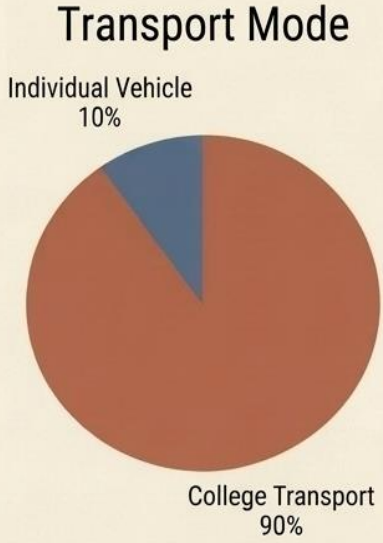
Driven by digital-first pedagogical practices, the EEE department has virtually eliminated paper usage in core operations. Through widespread adoption of simulation tools like MATLAB, LTspice, and PSCAD, virtual labs, NPTEL/MOOC content, Google Classroom for paperless assignments, and e-circulars, the department saves ~45,000 sheets of paper, equivalent to ~180 kg, annually.

Knowledge Institute of Technology (KIOT)

Department of Civil Engineering, Salem



Institutional Champions — Recognized for Sustainable Campus & Mobility Excellence (Mar 2026)



LABEL	DETAILS
LOCATION	Kakapalayam, Salem, Tamil Nadu
HOD / CIVIL	Dr. P. Prasath
ASST. PROF.	Mr. S. Rajeshkumar
ASST. PROF.	Mr. L. Krishnan
ASST. PROF.	Mr. P. Selvakumar
PRINCIPAL	Dr. K. Visagavel
NODAL OFFICER	Dr. M. Santharam

KEY IMPACT

Supported by Civil Engineering's sustainable transport planning, KIOT operates 52 college buses on optimized routes, serving 90% of students and 50% of staff. Coupled with an electric scooter (e-bike) for on-campus administrative mobility, this centralized system significantly reduces individual vehicle usage, fuel consumption, and the overall campus carbon footprint.

Dhanraj Baid Jain College (Autonomous)

Department of English & Earth Lovers Club, Thoraipakkam, Chennai



Institutional Champions — Recognized for Green Remodeling & Campus Sustainability (Mar 2026)



LABEL	DETAILS
LOCATION	Thoraipakkam, Chennai, Tamil Nadu
PRINCIPAL	Dr. C. Sundar
HOD / ENGLISH	Mrs. J. Benita Selvakumari, Assoc. Prof.
COORDINATOR	Mr. Ratheesh, Asst. Prof. (Earth Lovers Club)
CO-CONVENOR	Mrs. R. Smitha Mary, Asst. Prof. (Earth Lovers Club)

KEY IMPACT

Through its holistic Green Remodeling initiative, the Department of English and Earth Lovers Club promotes low-cost, healthy campus transformation. Key efforts include cultivating cultivating kitchen and air-purifying plants, replacing plastics with cloth bags and bio-gifts, curbing energy and organic waste, and advancing environmental literacy via the published chapter "Green Imaginings."

AJK College of Arts and Science (Autonomous)

Department of Biotechnology & Eco Club, Coimbatore



Institutional Champions — Recognized for Biodiversity & Campus Sustainability Excellence (Mar 2026)

LABEL	DETAILS
LOCATION	Navakkarai, Coimbatore, Tamil Nadu
PRINCIPAL	Dr. S. Raju
DIRECTOR IQAC	Dr. S. Mohanavel
HOD / BIOTECH	Ms. Sariga Jayadevan
COORDINATOR	Ms. Jubitha I.
MAINTENANCE	Dr. P. Karthik

Activities from June 2025

Eco Club & Marine Outreach

World Nature Conservation Day sapling drives & Marine Life Exhibition.

Biogene & Biogas

"Flora of AJK Campus (Vol. I)" herbarium release & campus Biogas Plant.

SDG Cell & NSS / UBA

SDG 2030 Lifestyle Seminar & solar street light prep in Puthupathi tribal village.

Horticulture & Innovation

Campus plantation land prep & "RAINNOVATE" water conservation contest.

KEY IMPACT

Since June 2025, AJK College has driven holistic sustainability through the Scientist Dr. R.S. Lal Mohan Eco Club, Biogene Club, Horticulture Club, SDG Cell, and NSS. Key milestones include publishing "Plora of AJK Campus (Vol. I)," converting organic waste via a campus bioges plant, hosting a Marine Life Exhibition, and leading sapling and solar lighting drives in adopted and tribal villages.

Sri Ramakrishna Degree College (Autonomous)

NSS Department, Nandyal



Institutional Champions — Recognized for NSS Community Outreach & Eco-Social Excellence (Mar 2026)

NSS Eco-Social Activities



LABEL	DETAILS
LOCATION	Nandyal, Andhra Pradesh
CHAIRMAN & PRINCIPAL	Dr. G. Ramakrishna Reddy
NODAL OFFICER / ASST. PROF.	Smt. M. Sravani Kumari
ASST. PROF.	Smt. A. S. Pragathi
ASST. PROF.	Sri M. Vijayakanth
ASST. PROF.	Sri T. Madhav Reddy

KEY IMPACT

Driven by its National Service Scheme (NSS) unit, Sri Ramakrishna Degree College bridges environmental stewardship with rural upliftment. Key initiatives include village-wide Swachh Bharat cleanliness drives, planting native saplings, assisting local farmers in agricultural fields, conducting dry-and-wet waste segregation pledges, and village children and schoolgirls through "Best Out of Waste" and hygiene workshops.

Sri Ramakrishna College of Arts & Science for Women

Eco Club & Department of Microbiology, Coimbatore



Institutional Champions — Recognized for Campus Sustainability & Eco-Outreach (Apr 2026)



LABEL	DETAILS
LOCATION	Coimbatore, Tamil Nadu
PRINCIPAL	Dr. K. Chitra
NODAL OFFICER	Mrs. M. Meenakshi
POSITION	Asst. Prof.

KEY IMPACT

Driven by its Eco Club and Department of Microbiology under the “Breathe Green, Live Green” movement, Sri Ramakrishna College of Arts & Science for Women turns sustainability into daily campus and community action. Key initiatives include sapling plantations, food-waste biocomposting, replacing single-use plastics with reused paper bags across local markets, and rural street plays on biofertilizers and waste management.

Afterword

Carrying the Momentum Forward

Sustainability in higher education thrives when knowledge moves beyond textbooks into daily campus life. Across the preceding pages, these academic institutions demonstrate how campuses can serve as active testing grounds for climate responsibility, resource conservation, and civic leadership.

From digital governance and energy-conscious operations to biodiversity conservation and community-led outreach, the initiatives documented in this inaugural edition prove that meaningful progress begins with decisive local action.

As an editorial collective, we hope this compilation serves both as recognition for pioneering campuses and as a practical reference for educators, administrators, and student innovators charting their own path forward—and inspiring new submissions for Edition 2.

Editorial Team
Arch Ayri — An Eco-Narratives Diary
www.archayri.org/ecojourney

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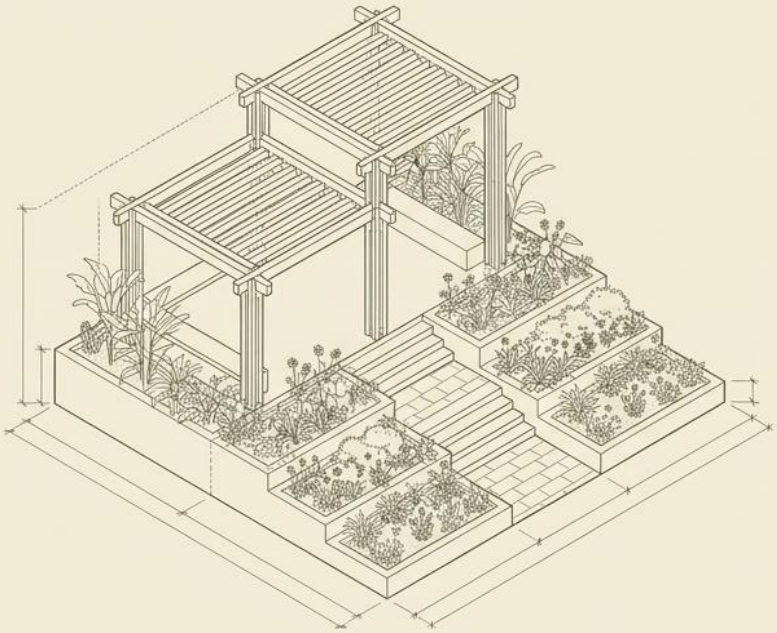
Across higher education campuses, meaningful ecological change begins with small, intentional steps. The **Eco-Journey Sourcebook: Edition 1** documents real grassroots milestones—from paperless digital classrooms and campus biogas systems to native plantations, sustainable mobility, and community outreach.

Curated and edited by Ar. Nahida Abdulla as part of the Arch Ayri — An Eco-Narratives Diary initiative, this volume serves as both a tribute to pioneering institutions and a practical, replicable blueprint for educators, administrators, and student changemakers.



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