



Ref. No.: KRMU/Admin./O.O./2018-19/ 1322

Date: 31.10.2018

OFFICE ORDER

Subject: K.R. Mangalam University Sustainable Environment and Green Campus Policy.

In pursuit of K.R. Mangalam University's commitment to environmental responsibility, energy efficiency, and sustainable campus development in compliance with United Nations Sustainable Development Goals and national environmental standards, the University has formulated a policy titled "K.R. Mangalam University Sustainable Environment and Green Campus Policy." as approved in the 28th Board of Management meeting vide agenda item 28.10 held on 25.10.2018 is notified for information and implementation with immediate effect.

Key Highlights of the Policy

- Promotion of sustainable use of resources through water reuse and energy-efficient building designs.
- Implementation of waste management systems covering liquid, solid, e-waste and hazardous materials.
- Expansion of renewable energy initiatives including solar PV integration and biogas utilization.
- Strengthening of the "Paperless Culture" and digital administrative practices across the University.
- Constitution of the Environment and Sustainability Committee (ESC) for implementation, monitoring, and evaluation of green initiatives.

The Registrar's Office shall maintain the official record of implementation and submit periodic updates to the Vice Chancellor and Board of Management.

This issues with the approval of Competent Authority.

Registrar
K.R. Mangalam University
Sohna Road, Gurugram (Haryana)
Registrar
K.R. Mangalam University

Copy to:

- The Hon'ble Vice Chancellor-for kind information
- Dean Academics/ Dean -Research/ Dean Students Welfare
- All deans and School Coordinators- for implementation.
- Chairperson, Environment and Sustainability Committee (ESC).
- IQAC Cell – for record and monitoring
- Administrative Office/ Accounts/ Admission Office/ Examination Office
- Notice Board
- University Website
- Office Copy



K.R. MANGALAM UNIVERSITY
THE COMPLETE WORLD OF EDUCATION



K.R. MANGALAM UNIVERSITY

K.R. Mangalam University

Sustainable Environment and Green

Campus Policy



K.R. MANGALAM UNIVERSITY
Sohna Road, Gurugram (Haryana)-122103
Website: krmangalam.edu.in



INDEX

- 1. Title**
- 2. Purpose**
- 3. Scope**
- 4. Objectives**
- 5. Policy Coverage**
 - 5.1 Water Reuse and Conservation
 - 5.2 Energy-Efficient Renovation and Building
 - 5.3 Waste Disposal and Management
 - 5.4 Landfill and Zero-Waste
 - 5.5 Plastic Use Minimization
 - 5.6 Minimization of Disposable Items
 - 5.7 Disposable Policy: Extensions to Services
 - 5.8 Sustainable Use, Conservation, and Restoration of Land
 - 5.9 Hazardous Waste Disposal
 - 5.10 Sustainable Transport and Campus Mobility
 - 5.11 Food Waste Reuse and Biogas Facility
 - 5.12 Paperless Culture
 - 5.13 Environmental Awareness and Capacity Building
- 6. Monitoring and Evaluation**
- 7. Constitution of the Environment and Sustainability Committee**
 - 7.01 Title
 - 7.02 Purpose
 - 7.03 Objectives
 - 7.04 Composition of the Committee
 - 7.05 Tenure of the Committee
 - 7.06 Roles and Responsibilities
 - Planning and Policy
 - Implementation and Monitoring
 - Research, Education, and Training
 - Reporting and Communication



- Collaboration and Outreach

7.07 Reporting and Documentation

7.08 Budget and Resources

7.09 Compliance and Review

7.10 Expected Outcomes / Impact Indicators

7.11 Compliance

7.12 Monitoring and Reporting

Annexure I – ESC Reporting Template

1. Quarterly Report Format
2. Activities Undertaken
3. Audits Completed and Results
4. Progress on Key Performance Indicators (KPIs)
5. Budget Utilization Summary
6. Photographs and Supporting Documents
7. Action Plan for Next Quarter
8. Summary and Recommendations
9. Submission



1. Title

Sustainable Environment and Green Campus Policy

2. Purpose

K.R. Mangalam University (KRMU) is committed to developing and maintaining an environmentally responsible, energy-efficient, and ecologically conscious campus. This policy provides a unified framework to guide the University's actions on environmental conservation, energy efficiency, waste management, sustainable infrastructure, and community awareness, in alignment with United Nations Sustainable Development Goals and national environmental standards.

3. Scope

This policy applies to:

- All University departments, schools, administrative units, hostels, research laboratories, and associated facilities.
- All faculty, staff, students, contractors, vendors, and visitors on campus.
- All infrastructure projects, renovations, events, and procurement activities undertaken by KRMU.

4. Objectives

1. Promote sustainability and environmental stewardship in all University operations.
2. Reduce carbon footprint and optimize energy, water, and material consumption.
3. Ensure safe and responsible waste management and disposal.
4. Foster a culture of green innovation, environmental research, and awareness.
5. Align institutional environmental initiatives with global and national sustainability frameworks.

5. Policy Coverage

5.1 Water Reuse and Conservation

Purpose: To achieve sustainable water management through efficient use, recycling, and conservation of water resources.

1. Rainwater Harvesting:

- Installation of rooftop rainwater harvesting (RWH) structures on all academic and hostel buildings.



- Surface runoff collected and recharged into percolation pits and underground storage tanks.
- Excess rainwater connected to the stormwater drainage system with sediment traps.

2. Recycling and Reuse through STP:

- The Sewage Treatment Plant (STP) shall treat all grey and black water to tertiary quality.
- Treated water reused for gardening, flushing, road washing, and cooling systems.
- Regular testing to maintain compliance with CPCB norms (<10 BOD mg/l).

3. Water Efficiency:

- Use of low-flow fixtures, dual-flush cisterns, and sensor-based taps in public areas.
- Drip irrigation and moisture sensors in green zones to optimize watering.

4. Awareness and Training:

- Workshops for staff and students on “Every Drop Counts” campaign.

Expected Impact:

- Reduction in freshwater consumption by 40–50%.
- Reuse of 80% of wastewater treated for non-potable purposes.
- Enhanced groundwater recharge through RWH systems.

5.2 Energy-Efficient Renovation and Building

Purpose: To ensure that University infrastructure aligns with national energy efficiency standards and contributes to carbon neutrality.

Policy Provisions & Actions

1. Design and Construction:

- New buildings to comply with Energy Conservation Building Code (ECBC) and GRIHA/LEED standards.
- Use of high-reflectance roofing, double-glazed windows, and eco-friendly insulation.
- Orient buildings to maximize daylight and cross ventilation.



2. Renewable Energy Integration:

- Installation of solar photovoltaic panels on rooftops and carports to generate renewable electricity.
- Target: 30% of total electricity consumption to come from renewable sources by 2027.

3. Efficient Equipment and Systems:

- Replace all CFLs and tube lights with LED lighting.
- Use variable frequency drives (VFDs) in HVAC systems.
- Smart meters and motion sensors in classrooms and corridors.

4. Energy Audit:

- Annual audit by an accredited agency to assess performance, cost savings, and carbon footprint.

Expected Impact:

- Reduced energy intensity per capita by 25% within 3 years.
- Lower carbon emissions, supporting India's *Net Zero by 2070* target.

5.3 Waste Disposal and Management

Purpose: To manage all types of waste safely, scientifically, and sustainably.

A. Waste Segregation

- Four-bin system: Green (biodegradable), Blue (recyclable), Red (hazardous), Black (non-recyclable).
- Waste segregation training for housekeeping and students.

B. Specific Waste Streams

Waste Type	Description & Treatment	Example / Implementation	Impact
Bio Waste	Generated from Health Centre; treated via biomedical disposal agency.	Partnership with <i>Medicare Waste Solutions Pvt. Ltd.</i>	Compliance with Bio-medical Waste Rules (2016).
E-Waste	Computers, printers, batteries; collected annually and handed to certified recyclers.	Annual "E-waste Collection Drive" by NSS.	Promotes circular economy; prevents toxic leakage.
Solid Waste	Paper, plastic, food; composted or recycled.	On-campus organic composting units.	Converts 100 kg/day food waste into compost.



Chemical Waste	Neutralized before disposal; handled in designated labs.	Labs equipped with chemical soak pits.	Prevents groundwater contamination.
Liquid Waste	Routed through STP; reused.	STP-based irrigation reuse.	Saves ~1.5 million litres/month of freshwater.

5.4 Landfill and Zero-Waste

Purpose: To minimize or eliminate waste sent to landfills through systematic waste reduction and reuse.

Provisions & Actions

- 100% segregation at source mandatory for all buildings.
- Composting pits and biogas plants for food waste.
- Recyclables sold to authorized vendors; revenue reinvested in green projects.
- Non-recyclables stored and handed to municipal landfill quarterly.

Expected Impact:

- 80% reduction in waste to landfill by 2028.
- Establishment of a model zero-waste campus benchmark for Haryana universities.

5.5 Plastic Use Minimization

Purpose: To phase out single-use plastics and promote reusable alternatives.

Provisions

- Ban on single-use plastic bottles, straws, and bags in all departments.
- Canteens and events to use steel, glass, or biodegradable alternatives.
- Students encouraged to carry reusable water bottles.
- Procurement to include “no plastic packaging” clauses.

Impact:

- Reduction of ~500 kg of plastic waste per month.
- Enhanced campus cleanliness and reduced microplastic pollution.

5.6 Minimization of Disposable Items

Purpose: To reduce waste from disposables and promote a reuse culture.



Provisions

- Replace disposable cutlery and cups with washable crockery.
- Use cloth banners, not flex, in University events.
- Office stationery to be refillable (pens, markers).
- Hostels and messes to provide reusable trays and tumblers.

Impact:

- 70% reduction in disposable product purchases.
- Cultivation of eco-conscious habits among students.

5.7 Disposable Policy: Extensions to Services

Purpose: To ensure sustainability principles extend to all contractors and service providers.

Provisions

- Event contractors, vendors, and caterers to sign “Green Service Agreement”.
- Mandatory waste segregation, no flex, no single-use plastic.
- Periodic audits to assess compliance.

Impact:

- Integration of sustainability across the campus supply chain.
- Increased accountability among outsourced partners.

5.8 Sustainable Use, Conservation, and Restoration of Land

Purpose: To protect and restore the natural ecosystem on campus.

Provisions

- Maintain minimum 30% green cover with native flora.
- Annual tree plantation drives by NSS and Eco Club.
- Create biodiversity zones, herbal gardens, and butterfly parks.
- Avoid construction on ecologically sensitive areas.
- Use organic fertilizers and treated wastewater for gardening.

Impact:

- Reduction in soil erosion and dust levels.
- Increase in campus biodiversity index by 20% over 5 years.



5.9 Hazardous Waste Disposal

Purpose: To ensure safety and legal compliance in disposal of hazardous substances.

Provisions

- Maintain hazardous materials inventory (chemical reagents, oils, batteries).
- Provide spill kits and PPE in laboratories.
- Train lab assistants and students in emergency response.
- Hand over hazardous waste only to authorized recyclers.

Impact:

- Zero chemical discharge into drains.
- Full compliance with Hazardous Waste Management Rules (2016).

5.10 Sustainable Transport and Campus Mobility

Purpose: To promote green mobility and reduce vehicular pollution.

Provisions

- Restrict diesel and high-emission vehicles within campus.
- Introduce Electric Vehicle (EV) shuttle for internal transport.
- Install EV charging stations at key parking areas.
- Promote bicycle sharing systems and “Cycle-to-Class” campaigns.
- Create pedestrian-friendly walkways and shaded tracks.

Impact:

- Reduced carbon emissions and noise levels.
- Improved air quality and fitness among campus users.

5.11 Food Waste Reuse and Biogas Facility

Purpose:

To convert organic food waste generated from hostels, cafeterias, and mess facilities into renewable biogas energy and nutrient-rich compost, thereby reducing landfill dependency, minimizing methane emissions, and promoting circular resource utilization within the University campus.



Overview

K.R. Mangalam University has established a biogas generation and composting facility as part of its comprehensive waste management system. This initiative is designed to handle the substantial quantity of biodegradable waste generated daily from student hostels and cafeteria kitchens, ensuring that food waste is treated as a valuable resource rather than a disposal challenge.

The system supports the University's sustainability vision by reducing greenhouse gas emissions, lowering LPG dependency, and producing bio-fertilizer for on-campus horticultural use.

Provisions and Operational Practices

1. Food Waste Collection and Segregation

- All dining areas, hostels, and cafeterias are equipped with dual segregation bins — green bins for wet waste and blue bins for dry/recyclable waste.
- Kitchen staff and hostel residents are sensitized through signage and awareness drives to maintain source segregation.
- Waste is collected twice daily and transported to the biogas plant facility located near the hostel service area.

2. Biogas Digestion Process

- The collected organic waste undergoes anaerobic digestion in biogas digesters designed for consistent input of approximately 1 tonne per week (after the recent 60% reduction in food waste generation).
- The microbial breakdown of organic matter produces biogas composed primarily of methane (CH₄) and carbon dioxide (CO₂), suitable for use as a clean cooking fuel.

3. Utilization of Biogas

- The generated biogas (averaging ~80 m³ per month) is piped directly to the hostel kitchens where it is used for cooking and water heating, thereby reducing LPG consumption by an estimated 35–40 cylinders annually.
- During maintenance or low-generation periods, seamless transition to LPG ensures uninterrupted operations.



4. Compost and Slurry Utilization

- The digestate slurry, a by-product of the biogas process, is rich in nitrogen and organic nutrients.
- It is dewatered and cured to produce high-quality organic compost used in campus horticulture, tree plantation drives, and lawn maintenance.
- This has reduced dependence on chemical fertilizers, enhancing soil fertility and water retention capacity in landscaped areas.

5. Monitoring and Efficiency Control

- The Facilities Department monitors daily waste input, gas generation, and compost output using a Biogas Operation Log Sheet.
- Regular microbiological checks and pH balance assessments ensure optimal plant performance.
- Performance data is reported quarterly to the IQAC Green Audit Committee for sustainability tracking.

Environmental and Institutional Impact

- **GHG Emission Reduction:** The biogas facility prevents methane release from decomposing food waste, contributing to a reduction of approximately 45–50 tonnes of CO₂e annually.
- **Energy Substitution:** The biogas offsets fossil LPG usage, leading to tangible savings and emission avoidance.
- **Zero-Waste Goal:** Complements the University's "Zero Waste to Landfill" strategy through complete circular reuse of organic waste.
- **Community Awareness:** Regular "Green Kitchen" workshops are conducted to educate students and staff about waste minimization and sustainable cooking practices.



5.12 Paperless Culture

Purpose:

To foster a culture of digital transformation and resource efficiency by minimizing paper consumption, adopting e-governance tools, and promoting environmentally responsible administrative and academic practices across the University. The initiative aligns with K.R. Mangalam University's broader sustainability vision to reduce its carbon footprint and operational waste through technology-enabled solutions.

Overview

K.R. Mangalam University has made significant strides toward becoming a digitally enabled and paper-efficient campus. The objective is to replace traditional paper-based communication, documentation, and assessment systems with secure, cloud-based digital platforms that offer transparency, accessibility, and sustainability.

By integrating Google Workspace, e-file management systems, and digital workflows, the University ensures seamless information exchange, quicker approvals, and reduced dependency on printed documents. This initiative not only curtails paper use but also contributes directly to Scope 3 emission reductions, conserving natural resources associated with paper production, transport, and disposal.

Provisions and Digital Practices

1. Digital Administration and File Management

- All internal communications, approvals, and document exchanges are conducted through e-file systems, supported by digital signatures and cloud storage.
- The administrative units, including IQAC, Examination Branch, HR, and Finance, have adopted Google Workspace (Drive, Docs, Sheets, Forms) for real-time collaboration and secure record keeping.

2. E-Circulars, Notices, and Memos

- All university-wide circulars, office orders, notifications, and meeting notices are disseminated electronically via email or the ERP portal, eliminating the need for printed memos.



- Departmental communication channels are fully digital, reducing internal print consumption drastically.

3. Digital Attendance and Feedback Systems

- The University has implemented QR code-based attendance systems for students and staff, replacing manual registers.
- Online feedback forms and performance appraisals are used for students, faculty, and administrative staff, ensuring faster analysis and data-driven decision-making.

4. Responsible Printing Policy

- For essential printing, a “Print Responsibly” guideline is enforced across departments:
 - Printing in duplex (double-sided) mode is mandatory.
 - Only recycled or FSC-certified paper is procured.
 - Draft versions are reviewed digitally before final printing to minimize wastage.

5. Academic Digitalization

- Examination Branch Digitization: The university’s Examination Branch transitioned to digital question paper delivery and secure online archiving, saving approximately 30,000 pages per semester.
- E-Assessment and Result Processing: Faculty evaluations, internal assessments, and moderation reports are now processed electronically.
- Learning Management System (LMS): Course materials, assignments, and attendance records are managed online, reducing the need for printed academic records.

5.13 Environmental Awareness and Capacity Building

Purpose: To create a campus-wide culture of environmental consciousness.

Provisions



- Establish Environment and Sustainability Committee (ESC).
- Conduct annual green audits, energy audits, and biodiversity mapping.
- Organize Green Campus Week, Tree Plantation Drives, Earth Day Celebrations.
- Introduce Green Credit System – students earn credits for eco-actions.
- Recognition through “Green Awards” for departments and individuals.

Impact:

- Behavioral change among the campus community.
- Recognition in THE Impact Rankings under SDG 13 (Climate Action).

Implementation Measures:

1. Conduct seminars, workshops, and exhibitions on environmental issues.
2. Observe World Environment Day, Earth Day, Energy Conservation Week.
3. Introduce Green Ambassadors Program among students.
4. Display sustainability dashboards showing real-time energy and water data.
5. Collaborate with NGOs and government agencies on community-based environmental projects.

Responsible Units: Environment & Sustainability Committee, NSS/NCC, IQAC

Monitoring and Reporting

- Each sub-policy (5.1–5.13) will have annual targets and key performance indicators (KPIs).
- The Environment and Sustainability Committee (ESC) will prepare an Annual Green Campus Report submitted to the Vice Chancellor and Board of Management.

6. Monitoring and Evaluation

- The Environment and Sustainability Committee (ESC) chaired by the Registrar will oversee implementation.
- Annual Green Audit and Energy Audit to assess compliance and progress.
- Environmental performance indicators (water reuse, waste diversion, renewable energy use, etc.) will be published in the University Sustainability Report.



7. Constitution and Governance of the Environment and Sustainability Committee

7.1. Title: Constitution of the Environment and Sustainability Committee (ESC)

7.2 Purpose

The Environment and Sustainability Committee (ESC) is constituted to plan, implement, monitor, and evaluate all environmental, energy, and sustainability initiatives of K.R. Mangalam University. It functions as the apex advisory and coordinating body ensuring that the University's operations, policies, and academic activities align with the goals of sustainable development, climate responsibility, and green campus management.

7.3. Objectives

The ESC aims to:

1. Promote a sustainable and eco-friendly campus culture across all stakeholders.
2. Formulate, monitor, and update the University's environmental, energy, and waste management policies.
3. Coordinate green audits, energy audits, and environmental impact assessments (EIA).
4. Recommend resource conservation measures in water, waste, energy, and biodiversity management.
5. Facilitate training, capacity building, and research in environmental and climate-related areas.
6. Ensure compliance with relevant national environmental regulations and SDG commitments.
7. Integrate sustainability components into curriculum, research, and community outreach.

7.5 Composition of the Committee

Designation / Role	Position in Committee	Responsibilities
Vice-Chancellor	Patron	Provides overall strategic guidance and ensures policy integration with university governance.
Registrar	Chairperson	Leads ESC meetings, ensures policy enforcement, approves sustainability action plans.
Dean (School of Basic & Applied Sciences)	Co-Chair	Guides scientific and technical aspects of sustainability initiatives.



Head, Estate & Maintenance	Member	Oversees implementation of infrastructure, energy, and water conservation measures.
Chief Finance Officer / Accounts Officer	Member	Allocates and monitors budget for green initiatives.
Chief Proctor / Security Officer	Member	Implements campus transport and mobility policies.
Environmental Engineer / Consultant (External)	Member	Provides technical advice, audit support, and compliance certification.
Faculty Representatives (1 from each School)	Members	Integrate sustainability into academic and research projects.
Director – Research & Innovation	Member	Encourages sustainability-focused research and innovation.
Director – Learning Resource Centre (LRC)	Member	Promotes digital and paperless culture.
NSS / NCC Programme Officer	Member	Coordinates student involvement in green initiatives and outreach programmes.
Student Representatives (UG & PG)	Members	Serve as Green Ambassadors to spread awareness.
Head, Procurement Cell	Member	Ensures ethical and sustainable sourcing.
Chairperson-COE- SDG	Member Secretary	Coordinates meetings, maintains records, and prepares sustainability reports.

Additional experts from NGOs, industries, or local government bodies may be invited as special invitees for specific meetings.

7. 5. Tenure of the Committee

- The ESC shall be constituted for a period of three years.
- Members may be re-nominated or replaced at the discretion of the Vice-Chancellor.
- The Committee shall meet at least once per quarter and additionally as required.



7.6. Roles and Responsibilities

A. Planning and Policy

- Develop and periodically update University policies on environment, waste, energy, transport, and green infrastructure.
- Formulate short-term and long-term Sustainability Action Plans (SAP).
- Set measurable goals and KPIs (e.g., % water reuse, % renewable energy use, waste diversion rates).

B. Implementation and Monitoring

- Oversee installation and operation of solar panels, rainwater harvesting systems, biogas plants, etc.
- Monitor compliance with Pollution Control Board (PCB) norms and other statutory requirements.
- Ensure annual green and energy audits by external certified auditors.

C. Research, Education, and Training

- Promote interdisciplinary environmental research through grants and student projects.
- Organize seminars, workshops, and awareness drives on sustainability.
- Integrate environmental literacy into curriculum and orientation programmes.

D. Reporting and Communication

- Prepare an Annual Sustainability and Green Campus Report for presentation to the Board of Management.
- Document case studies and publish environmental progress on the University website.
- Report achievements to national frameworks (AICTE Green Campus, THE Impact Rankings, etc.).

E. Collaboration and Outreach

- Partner with government agencies, NGOs, and industries for collaborative environmental projects.
- Support community initiatives on waste management, tree plantation, and renewable energy.



7.7. Reporting and Documentation

- Minutes of ESC meetings shall be maintained by the Member Secretary and circulated to all members.
- The Annual Report shall summarize:
 - Progress on targets (energy savings, water reuse, waste reduction, etc.)
 - Audit findings and corrective actions
 - Community and student engagement activities
- This report will be submitted to the Registrar and presented in the Academic Council and Board of Management meetings.

7.8. Budget and Resources

- The University shall allocate an annual Green Campus Budget under the Registrar's office.
- Funds may be utilized for audits, awareness programmes, equipment upgrades, plantation drives, and sustainability research.
- Additional funding may be sought through CSR partnerships, government schemes (MNRE, MoEFCC), or alumni contributions.

7.9. Compliance and Review

- The ESC ensures compliance with:
 - Environmental Protection Act, 1986
 - Solid Waste Management Rules, 2016
 - Hazardous Waste Management Rules, 2016
 - Bio-medical Waste Management Rules, 2016
 - Energy Conservation Act, 2001
- Policy and committee composition to be reviewed every 2 years for effectiveness.
- Corrective measures to be documented and implemented within 60 days of review.

7.10 Expected Outcomes / Impact Indicators

Area	Indicators	Expected Impact by 2028
Energy Efficiency	% of total energy from renewable sources	≥ 30%



Water Conservation	% of water reused or recycled	≥ 50%
Waste Management	% reduction in landfill waste	≥ 80%
Carbon Footprint	Reduction in per capita carbon emissions	≥ 25%
Green Cover	Area under vegetation (sq. m.)	+20% growth
Community Outreach	No. of external eco-projects supported	≥ 10 annually

7.11. Compliance

- Non-compliance by departments or contractors may lead to administrative action or termination of contracts.
- The University will ensure alignment with CPCB, MoEFCC, and Haryana State Pollution Control Board guidelines.

7.12 Monitoring and Reporting:

Annexure I – ESC Reporting Template

(Sample Outline for Quarterly Reports)

- Activities undertaken
- Audits completed and results
- Progress on KPIs
- Budget utilization summary
- Photographs and supporting documents
- Action plan for next quarter



Annexure I – ESC Quarterly Reporting Template

(Environment & Sustainability Committee – K.R. Mangalam University)

Quarterly Report Format

Reporting Period: _____

Quarter: Q1 / Q2 / Q3 / Q4 **Year:** _____

Report Submitted By: _____ **Designation:**

Date of Submission: _____

1. Activities Undertaken

(Summarize all environment, energy, and sustainability-related initiatives executed during the reporting quarter.)

S. No.	Activity / Initiative	Objective / Description	Date / Duration	Responsible Unit / Department	Outcome / Results	Remarks
1						
2						
3						

Examples:

- Tree Plantation Drive near Academic Block – 250 saplings planted.
- Installation of new rooftop solar panels on Hostel Block-B (10 kWp).
- Awareness workshop on “Plastic-Free Campus.”

2. Audits Completed and Results

(Document all environment-related audits, inspections, and compliance checks.)

Type of Audit / Inspection	Conducted By	Date	Key Findings / Observations	Corrective Actions Taken / Planned	Compliance Status
Green Audit					
Energy Audit					
Water / Waste Audit					



Laboratory / Hazardous Waste Audit					
------------------------------------	--	--	--	--	--

Note: Attach summary sheets and certificates from external auditors where applicable.

3. Progress on Key Performance Indicators (KPIs)

(Measure progress toward annual sustainability targets set by the ESC.)

Indicator Area	Target Value (Annual)	Current Quarter Achievement	Cumulative Achievement (YTD)	Gap / Remarks
Renewable Energy Use (%)				
Water Reuse / Recycling (%)				
Waste Diverted from Landfill (%)				
Green Cover (sq. m. or no. of trees)				
Paper Usage Reduction (%)				
Plastic Waste Reduction (%)				
Carbon Emission Reduction (tCO ₂ e)				

4. Budget Utilization Summary

(Report financial allocations and expenditures for sustainability initiatives.)

Budget Head / Activity	Allocated (₹)	Spent (₹)	Variance (±)	Remarks / Funding Source (if external)
Solar Installation / Maintenance				
Rainwater Harvesting / STP Maintenance				
Waste Management / Recycling				
Awareness and Outreach Activities				



Research / Student Projects				
-----------------------------	--	--	--	--

Attach supporting vouchers, purchase orders, or invoices where relevant.

5. Photographs and Supporting Documents

(Attach clear photographs and supporting documents as evidence.)

- Images of activities, installations, plantation drives, and training sessions.
- Audit reports, media coverage, certificates, and attendance sheets.
- Geo-tagged evidence preferred for external reporting.

Attachment Index:

Attachment No.	Description	File / Folder Name
1		
2		
3		

6. Action Plan for Next Quarter

(Outline key priorities, planned projects, and measurable targets for the next quarter.)

S. No.	Proposed Initiative / Project	Objective / Expected Outcome	Responsible Person / Department	Timeline	Resources / Budget Required (₹)
1					
2					
3					

Example Targets:

- Conduct campus-wide energy audit by accredited agency.
- Launch “Cycle to Campus” student initiative.
- Achieve 10% reduction in plastic use in canteen operations.



7. Summary and Recommendations

Provide a concise summary of overall sustainability performance, key challenges, and policy-level recommendations to the Registrar or Board of Management.

Prepared By: _____

Designation: _____

Signature: _____

Verified By (Member Secretary, ESC): _____

Date: _____

Submission

- Submit signed report (soft copy in PDF and editable Excel format) to: sdg.goals@krmangalam.edu.in
- Copy to: Registrar and Chairperson, ESC
- Submission Deadline: Within 15 days of quarter-end (March 31, June 30, September 30, December 31)