



7.1.2. The Institution has facilities and initiatives for

- A. Alternate sources of energy and energy conservation measures**
- B. Management of the various types of degradable and nondegradable waste**
- C. Water conservation**
- D. Green campus initiatives**
- E. Disabled-friendly, barrier free environment**



List of Documents

Question	Document
Alternate sources of energy and energy conservation measures	Policy Document of Alternate Sources of Energy and Energy Conservation Measures
	Policy Document of Environmental Health and Safety
	Energy Conservation Policy
	Policy on Maintenance
	Solar Energy in Campus
	Natural Light in the College
	Purchase Order of Solar Water Heating Storage Tank
	LED lamps and Displays
Management of the various types of degradable and nondegradable waste	Bills and Invoices
	Policy Documents
	E-waste Management and Recycling
	Bio – Medical Waste Management
	Liquid Waste Management
	Dry Waste Management
Water conservation	Sanitary Napkin Disposal Machine in Women’s Rest Rooms
	Bills and Invoices
	Policy Documents
	Rainwater harvesting and recycling
	Harvested Rainwater Usage for Farming and Gardening
Green campus initiatives	“Save Water” Signage Boards
	Bills and Invoices
	Policy Documents
	Rich Vegetation and Gardening in the Institution
	Survey on Flora and Fauna of Acharya Campus
	Restricted Automobile Movement in Campus
Disabled-friendly, barrier free environment	Pedestrian Friendly Pathways
	Bills and Invoices
	Policy Documents
	Ramps to Access College Labs, Classrooms and Common Rooms
	Wheelchair Availability in the College
	Disabled Friendly Toilet



A. Alternate sources of energy and energy conservation measures

Sl. No.	Related Documents
1.	Policy Document of Alternate Sources of Energy and Energy Conversation Measures
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Policy Documents

ACHARYA & BM REDDY COLLEGE OF PHARMACY

Acharya Dr. Sarvepalli Radhakrishnan Road, Soladevanahalli, Bengaluru -560 107, India

**POLICY ON ALTERNATE SOURCES OF ENERGY AND ENERGY CONSERVATION
MEASURES**

Policy No. AI/ABMRCP/AD/001	Version No: 003	Owner: Principal ABMRCP	Page 1 of 8
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- 1. Introduction**
- 2. Purpose**
- 3. Scope**
- 4. Objectives**
- 5. Responsibilities**

1. Introduction:

The world's increasing energy demands and concerns about environmental sustainability have spurred a global quest for alternative sources of energy and effective energy conservation measures. Traditional fossil fuels, while abundant, contribute significantly to pollution, climate change, and geopolitical tensions. To combat these issues, researchers, governments, and industries are exploring various renewable and sustainable energy sources alongside implementing measures to conserve energy efficiently.

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Policy Drafting Committee	Management	Head, Quality Assurance, Acharya Institutes

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Alternate Sources of Energy

- **Solar Energy:** Harnessing sunlight through photovoltaic cells or solar panels to convert it directly into electricity. Solar power is abundant, renewable, and has minimal environmental impact.
- **Wind Energy:** Utilizing wind turbines to generate electricity by converting the kinetic energy of the wind into mechanical power. Wind energy is a clean and readily available resource.
- **Hydroelectric Power:** Generating electricity by using the gravitational force of falling or flowing water. Hydroelectric dams and plants can provide consistent and reliable power.
- **Geothermal Energy:** Tapping into the Earth's heat by utilizing underground reservoirs of steam and hot water to generate electricity or heat buildings. Geothermal energy is continuous and environmentally friendly.
- **Biomass Energy:** Utilizing organic materials like agricultural residues, wood, and waste to produce energy through combustion or biological processes. Biomass can be renewable if managed sustainably.
- **Nuclear Energy:** Generated through controlled nuclear reactions, producing heat that is used to generate electricity. It's highly efficient but raises concerns about safety and radioactive waste disposal.

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2. Purpose:

The purpose of exploring alternate sources of energy and implementing energy conservation measures is multifaceted, aiming to address various global challenges and achieve specific goals:

- **Environmental Sustainability:** Reduce reliance on fossil fuels, which contribute to air and water pollution, greenhouse gas emissions, and climate change. Alternate energy sources like solar, wind, and hydroelectric power offer cleaner options, reducing environmental harm.
- **Energy Security:** Diversify the energy mix to decrease dependence on finite and geopolitically sensitive fossil fuel reserves. A wider array of energy sources helps ensure a more stable and secure energy supply, less vulnerable to disruptions or price fluctuations.
- **Resource Conservation:** Conserve natural resources by minimizing extraction and use of finite resources like coal, oil, and natural gas. Renewable energy sources such as solar and wind harness inexhaustible resources like sunlight and wind.
- **Economic Benefits:** Foster innovation, job creation, and economic growth by investing in renewable energy technologies and energy-efficient solutions. This can lead to new industries, employment opportunities, and technological advancements.
- **Mitigating Climate Change:** Reduce carbon emissions and mitigate the impacts of climate change by transitioning to cleaner energy sources. Renewable energy and

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energy conservation measures play a significant role in lowering greenhouse gas emissions and slowing down global warming.

- **Cost Savings:** Energy conservation measures, such as improving energy efficiency in buildings or using energy-saving appliances, can lead to cost savings for individuals, businesses, and governments by reducing energy bills and operational expenses.
- **Long-Term Sustainability:** Ensure a sustainable energy future for future generations by shifting towards renewable and sustainable sources of energy. These sources have the potential to provide energy for an extended period without causing irreparable harm to the planet.

3. Scope:

The scope of alternate sources of energy and energy conservation measures is vast and encompasses various sectors, including technology, policy, economics, and societal behavior.

4. Objectives:

The objectives of alternate sources of energy and energy conservation measures are multifaceted, aiming to achieve various social, environmental, economic, and technological goals. Some of the primary objectives include:

- **Reduce Greenhouse Gas Emissions:** Mitigate climate change by decreasing reliance on fossil fuels, which are major contributors to greenhouse gas emissions. Adopting renewable energy sources and energy conservation measures helps cut down on carbon dioxide and other pollutants released into the atmosphere.

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- **Enhance Energy Security:** Diversify the energy mix to reduce dependence on finite and geopolitically sensitive fossil fuel reserves. By embracing multiple sources of renewable energy, countries can enhance energy security and reduce vulnerability to supply disruptions.
- **Promote Environmental Sustainability:** Protect ecosystems and reduce environmental degradation caused by traditional energy extraction and consumption. Alternate energy sources like solar, wind, hydro, and geothermal power have lower environmental impacts compared to fossil fuels.
- **Encourage Technological Innovation:** Drive technological advancements in renewable energy technologies, energy storage, and energy efficiency. This objective aims to improve the efficiency, affordability, and scalability of alternative energy sources while advancing related technologies.
- **Achieve Energy Independence:** Reduce reliance on imported fossil fuels by developing domestic renewable energy resources. This objective enhances a nation's energy independence, reducing exposure to fluctuations in global energy markets.
- **Create Economic Opportunities:** Stimulate economic growth by investing in renewable energy industries and promoting energy conservation measures. This objective includes job creation, fostering innovation, and supporting new industries related to clean energy.
- **Lower Energy Costs:** Reduce energy bills for consumers and businesses through energy efficiency measures. Implementing energy-saving technologies and practices can lead to cost savings on utility bills and operational expenses.

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- **Improve Public Health:** Minimize air and water pollution associated with traditional energy sources, thereby improving public health. Adopting cleaner energy alternatives can reduce respiratory illnesses and other health issues caused by pollution.
- **Enhance Energy Access:** Facilitate access to energy in underserved or remote areas by deploying decentralized renewable energy solutions. This objective aims to provide reliable and sustainable energy access to communities that lack access to traditional grid systems.

5. Responsibilities:

Alternate sources of energy and energy conservation measures play a crucial role in educational institutions, where they serve not only as models for sustainability but also as platforms for education and innovation.

- **Demonstrate Sustainable Practices:** Educational institutions have a responsibility to lead by example. Implementing alternate sources of energy like solar panels, wind turbines, or geothermal heating systems on campus showcases a commitment to sustainability.
- **Educate and Raise Awareness:** Institutions can educate students, faculty, and staff about the importance of energy conservation and the benefits of using renewable energy sources. Workshops, seminars, and educational campaigns can promote understanding and behavioral changes.
- **Integrate Renewable Energy into Curriculum:** Incorporating renewable energy topics into the curriculum allows students to understand the technology, benefits, and

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challenges of alternate energy sources. This integration can span various disciplines, from engineering and science to economics and environmental studies.

- **Research and Innovation:** Educational institutions can contribute to research and development in the field of renewable energy and energy conservation. This involves conducting studies, experiments, and projects aimed at improving efficiency and sustainability.
- **Implement Energy Conservation Measures:** Implementing energy-efficient practices within campus buildings, such as using LED lighting, optimizing heating and cooling systems, and installing energy-saving appliances, demonstrates commitment to conservation.
- **Participate in Renewable Energy Projects:** Collaborating with industry partners or local governments on renewable energy projects allows educational institutions to contribute to larger-scale initiatives. This collaboration can provide practical learning experiences for students.
- **Create Living Laboratories:** Educational campuses can serve as living laboratories for testing and demonstrating renewable energy technologies. These spaces offer hands-on learning opportunities and real-world applications for students studying energy-related fields.
- **Engage in Community Outreach:** Educational institutions can extend their knowledge and resources to the wider community by organizing workshops, seminars,

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or community projects focused on energy conservation and renewable energy adoption.

- **Set Goals and Monitor Progress:** Establishing targets for energy reduction, renewable energy adoption, or carbon neutrality within the institution helps track progress and ensures accountability. Regular monitoring and reporting of energy usage and savings are essential.
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- **Promote Student Engagement and Initiatives:** Encourage student-led initiatives, clubs, or organizations focused on sustainability and renewable energy. Empowering students to take part in projects or campaigns fosters a culture of environmental responsibility.

6. Procedure

- Establishment of Energy Committee:

Form an Energy Committee comprising representatives from various university departments, including facilities management, engineering, environmental science, and administration.

- Appointment of Energy Manager:

Appoint an Energy Manager responsible for overseeing the implementation of the policy, coordinating with the Energy Committee, and ensuring day-to-day adherence to energy-related initiatives.

Conduct Energy Audit:

- Hire a professional energy auditing firm to conduct a comprehensive audit of the university's energy consumption patterns.
- Identify and prioritize areas for improvement, considering both energy efficiency and potential alternate sources of energy.

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- Development of an Energy Plan:

Collaborate with the Energy Committee to create a detailed Energy Plan outlining specific goals, targets, and timelines for the integration of alternate energy sources and conservation measures.

- Exploration of Alternate Energy Sources:

- Solar Power:

- ✓ Assess the feasibility of installing solar panels on suitable university buildings.
- ✓ Explore options for both on-grid and off-grid solar solutions.

- Wind Power:

- ✓ Investigate the potential for wind energy generation on university grounds.
- ✓ Assess the feasibility of partnering with wind power providers.

- Other Renewable Sources:

- ✓ Research and evaluate the feasibility of integrating other renewable energy sources such as geothermal or biomass into the university's energy mix.

- Implementation of Energy Conservation Measures:

a. Building Efficiency:

Identify and implement energy-efficient technologies for lighting, HVAC systems, and other building infrastructure.

Develop guidelines for architects and engineers to incorporate energy-efficient designs in new constructions and renovations.

b. Smart Campus Solutions:

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Install smart meters and sensors to monitor real-time energy consumption.

Implement smart building technologies for automated energy management, including lighting and temperature control.

c. Awareness and Education Programs:

Develop and conduct awareness campaigns to educate the university community about the importance of energy conservation.

Organize training programs for staff and students on adopting energy-efficient practices.

d. Policy Integration:

Integrate energy conservation measures into the university's procurement policies, promoting the purchase of energy-efficient appliances and equipment.

Monitoring and Reporting:

Establish a system for regular monitoring of energy consumption and the performance of alternate energy sources.

Generate periodic reports detailing energy savings, alternate energy generation, and overall sustainability impact.

Review and Update:

Conduct regular reviews of the Energy Plan to ensure its relevance and effectiveness.

Update the plan as needed to incorporate technological advancements and emerging best practices in energy conservation and alternate energy sources.

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**POLICY ON ALTERNATE SOURCES OF ENERGY AND ENERGY CONSERVATION
MEASURES**

Policy No. AI/ABMRCP/AD/001	Version No: 004	Owner: Principal ABMRCP	Page 11 of 11
Date of issue: Jun 2021	Review date: Jun 2024	Applicability: All Staffs & Students	

Compliance and Accountability:

Enforce compliance with the energy policy across all university departments and individuals.

Include adherence to energy conservation measures in performance evaluations and accountability frameworks.

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Policy Drafting Committee	Management	Head, Quality Assurance, Acharya Institutes

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POLICY ON ENVIRONMENTAL, HEALTH & SAFETY

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1. Introduction
2. Purpose
3. Scope
4. Objectives
5. Responsibilities
6. Procedure

1. Introduction:

Implementing Environmental, Health, and Safety (EHS) practices within an educational institution is critical for ensuring the well-being of students, staff, faculty, and visitors. By incorporating these principles into the educational environment, institutions can cultivate a culture of responsibility, sustainability, and care while providing a safe and healthy setting for learning and growth.

Environmental Considerations:

Educational institutions have a significant ecological footprint, and addressing environmental concerns is vital for fostering a sustainable future. Embracing eco-friendly practices within the institution can include:

- **Waste Management:** Encouraging recycling programs, reducing waste

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generation, and proper disposal of recyclable materials.

- **Energy Conservation:** Implementing energy-efficient technologies, reducing consumption, and promoting renewable energy sources.
- **Green Spaces:** Creating and maintaining green areas on campus to preserve biodiversity and promote a connection to nature.
- **Curriculum Integration:** Incorporating environmental studies and sustainability into the curriculum to raise awareness and promote environmentally conscious behavior among students.

➤ **Health Promotion:**

Ensuring the health and well-being of students and staff is paramount. Educational institutions can focus on various aspects to promote a healthy environment:

- **Safety Measures:** Implementing safety protocols and procedures to prevent accidents and ensure a secure campus environment.
- **Mental Health Support:** Offering counseling services, stress management programs, and resources to support mental well-being.
- **Physical Health Initiatives:** Promoting healthy lifestyles through fitness programs, access to sports facilities, and healthy food options on campus.
- **Health Education:** Providing information and workshops on topics such as nutrition, hygiene, and overall well-being.

✓ **Safety Protocols:**

Maintaining a safe learning environment is a top priority for educational institutions.

This involves:

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- **Emergency Preparedness:** Conducting drills, establishing emergency response plans, and ensuring proper communication during crises.
- **Facility Safety:** Regular inspections of buildings, laboratories, and equipment to ensure compliance with safety standards.
- **Training and Education:** Providing comprehensive safety training for students, faculty, and staff to ensure they are well-prepared for potential hazards.
- **Accident Prevention:** Promoting a culture of reporting incidents, near misses, and hazards to prevent accidents and improve safety measures.

2. Purpose:

The purpose of Environmental, Health, and Safety (EHS) practices within an educational institution serves several important goals, ultimately aiming to create a conducive and responsible environment for learning, working, and living. Here are the primary purposes:

1. Ensuring Safety:

Protection of Individuals: The foremost purpose of EHS in an educational institution is to ensure the safety and well-being of students, faculty, staff, and visitors. This includes implementing safety protocols, conducting risk assessments, and providing training to prevent accidents and injuries.

Emergency Preparedness: Establishing procedures and plans for various emergencies, such as fires, natural disasters, or medical emergencies, ensures a prompt and effective response, minimizing risks and damage.

2. Promoting Health and Wellness:

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Supporting Physical Health: Providing a healthy environment that includes access to nutritious food, physical fitness facilities, and health education contributes to the physical well-being of the school community.

Addressing Mental Health: Offering counseling services, stress management programs, and fostering an environment that supports mental health helps students and staff cope with challenges and stressors.

3. Creating a Sustainable Environment:

Environmental Responsibility: Educating students about environmental issues and incorporating sustainable practices within the institution instills values of environmental stewardship and responsibility.

Resource Conservation: Implementing initiatives for waste reduction, energy efficiency, and sustainable practices reduces the institution's ecological footprint and encourages responsible resource management.

4. Compliance and Legal Requirements:

Meeting Regulatory Standards: Ensuring compliance with local, national, and international regulations regarding safety, health, and environmental standards is essential to avoid legal liabilities and maintain the institution's reputation.

5. Fostering a Culture of Responsibility:

Educational Component: Integrating EHS principles into the curriculum teaches students about their responsibilities towards safety, health, and environmental conservation, preparing them to be responsible citizens.

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Role Modeling: By practicing and promoting EHS principles, educational institutions set an example for responsible behavior and contribute positively to the broader community.

6. Enhancing Reputation and Community Relations:

Positive Image: Commitment to EHS practices enhances the institution's reputation, attracting students, faculty, and support from the community who value sustainability and safety.

Community Engagement: Engaging with the local community through EHS initiatives fosters positive relationships and collaborative efforts towards common goals.

3. Scope:

The scope of Environmental, Health, and Safety (EHS) practices within an educational institution encompasses a wide range of activities and initiatives aimed at ensuring the well-being of the school community and the environment.

4. Objectives:

The objectives of Environmental, Health, and Safety (EHS) initiatives within an educational institution are multifaceted, aiming to create a safe, healthy, and sustainable environment conducive to learning, personal development, and community well-being. Here are the key objectives:

1. Ensure Safety and Security:

Prevent Accidents: Minimize the risk of accidents, injuries, and hazardous incidents by implementing safety protocols and providing a secure environment.

Emergency Preparedness: Develop and practice emergency response plans to ensure a prompt and effective response in various emergency situations.

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2. Promote Health and Wellness:

Physical Health: Provide facilities, resources, and education to support physical well-being, including access to healthcare services, nutritious food, and fitness programs.

Mental Health: Offer counseling services, stress management programs, and create an environment that supports mental well-being among students, faculty, and staff.

3. Foster Environmental Sustainability:

Environmental Awareness: Educate and raise awareness among the school community about environmental issues and the importance of sustainable practices.

Resource Conservation: Implement initiatives to reduce waste, conserve energy, promote recycling, and preserve natural resources within the institution.

4. Compliance with Regulations:

Adherence to Standards: Ensure compliance with local, national, and international regulations governing safety, health, and environmental practices in educational settings.

5. Integrate EHS Principles into Education:

Curriculum Integration: Incorporate EHS principles into the curriculum to educate and empower students with knowledge and skills related to safety, health, and environmental conservation.

Practical Training: Provide hands-on training and opportunities for students to apply EHS principles in real-life scenarios, preparing them for responsible citizenship.

6. Create a Culture of Responsibility:

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Role Modeling: Set an example for responsible behavior by practicing and promoting EHS principles among students, faculty, staff, and the broader community.

Community Engagement: Encourage involvement in EHS initiatives within the school and collaborate with local communities to address broader environmental concerns.

7. Continuous Improvement and Innovation:

Monitoring and Evaluation: Regularly assess and improve EHS practices by monitoring performance, conducting audits, and seeking feedback for continuous enhancement.

Innovation: Encourage research, innovation, and the adoption of new technologies or practices that advance EHS objectives within the educational institution.

5. Responsibilities:

Maintaining Environmental, Health, and Safety (EHS) at an educational institution involves a range of responsibilities that are crucial for creating and sustaining a safe, healthy, and environmentally conscious environment for students, faculty, staff, and visitors.

1. Establishing Policies and Procedures:

Developing EHS Policies: Create comprehensive policies that outline safety, health, and environmental guidelines tailored to the institution's specific needs and regulatory requirements.

Procedural Documentation: Clearly document procedures for emergency response, safety protocols, waste management, and other EHS-related activities.

2. Risk Assessment and Management:

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Identifying Hazards: Conduct regular assessments to identify potential hazards, risks, and vulnerabilities within the institution's facilities, activities, and practices.

Risk Mitigation: Implement strategies to mitigate identified risks, whether they pertain to physical safety, health concerns, or environmental impact.

3. Compliance and Regulation:

Ensuring Compliance: Stay updated with local, national, and international EHS regulations and standards, ensuring the institution complies with all necessary laws and guidelines.

Documentation and Reporting: Maintain accurate records, reports, and documentation related to EHS compliance to demonstrate adherence to regulatory requirements.

4. Training and Education:

Providing Training: Conduct regular training sessions for students, faculty, and staff on safety procedures, emergency response, environmental conservation, and health promotion.

Raising Awareness: Organize awareness campaigns and educational programs to inform and engage the school community about EHS practices and their importance.

5. Facility Maintenance and Inspections:

Regular Inspections: Schedule and conduct routine inspections of facilities, laboratories, equipment, and infrastructure to ensure compliance with safety standards.

Maintenance Programs: Implement maintenance schedules and procedures to address potential hazards and ensure the proper functioning of safety systems.

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6. Emergency Preparedness:

Emergency Response Plans: Develop and regularly review emergency response plans for various scenarios, ensuring that all stakeholders are trained and aware of their roles in emergencies.

Drills and Exercises: Conduct regular emergency drills and exercises to test the effectiveness of response plans and familiarize the community with procedures.

7. Environmental Sustainability Initiatives:

Waste Management: Implement waste reduction, recycling programs, and proper disposal practices throughout the institution.

Energy Efficiency: Promote energy conservation, adopt renewable energy sources, and implement measures to reduce the institution's carbon footprint.


8. Collaboration and Communication:

Stakeholder Engagement: Collaborate with stakeholders, including students, faculty, staff, local authorities, and the community, to foster a culture of responsibility and involvement in EHS initiatives.

Communication Channels: Establish effective communication channels to disseminate information, updates, and guidelines related to EHS practices within the institution.

6. Procedure**Formation of EHS Committee:**

Establish an Environmental, Health & Safety (EHS) Committee comprising representatives from various university departments, including administration, facilities management, health services, and academic units.

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Appointment of EHS Coordinator:

Designate an EHS Coordinator responsible for overseeing the implementation of EHS policies, coordinating with the EHS Committee, and ensuring compliance with safety regulations.

Risk Assessment and Hazard Identification:

Conduct a comprehensive risk assessment and hazard identification across all university facilities, academic areas, laboratories, and outdoor spaces.

Document potential risks and prioritize them based on severity and likelihood.

Development of EHS Policies:

Collaborate with the EHS Committee to develop clear and comprehensive EHS policies that address identified risks.

Ensure alignment with local, national, and international safety standards and regulations.

Training Programs:

a. EHS Training for Staff and Students:

Develop and implement mandatory EHS training programs for all university staff, faculty, and students.

Tailor training to specific roles and responsibilities, including emergency response procedures.

b. Laboratory Safety Training:

Provide specialized safety training for individuals working in laboratories, emphasizing proper handling of chemicals, equipment, and emergency protocols.

Emergency Preparedness and Response:

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Develop and regularly update emergency preparedness plans, including evacuation procedures, first aid response, and communication protocols.

Conduct periodic drills and simulations to ensure readiness.

Safety Inspections and Audits:

Implement regular safety inspections and audits across campus facilities.

Assign trained personnel to conduct inspections and address identified safety concerns promptly.

Personal Protective Equipment (PPE):

Identify roles and tasks that require specific PPE.

Ensure the availability, proper use, and maintenance of PPE, and provide training on their correct application.

Chemical Management:

Establish a comprehensive chemical management system, including proper storage, labeling, and disposal procedures.

Ensure that all laboratories comply with safety standards for handling and storing chemicals.

Ergonomics and Workplace Safety:

Conduct assessments to ensure ergonomic workspaces and equipment.

Implement measures to prevent workplace injuries and promote overall employee well-being.

Waste Management:

Develop a waste management plan that includes proper disposal methods for various types of waste generated on campus.

Promote recycling and sustainable waste reduction practices.

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Environmental Conservation:

Implement measures to reduce the university's environmental impact, such as energy conservation, water efficiency, and sustainable procurement practices.

Encourage the use of renewable energy sources and the reduction of greenhouse gas emissions.

Incident Reporting and Investigation:

Establish a clear system for reporting incidents and near misses.

Investigate incidents promptly, identify root causes, and implement corrective actions to prevent recurrence.

Compliance and Documentation:

Ensure compliance with relevant health and safety regulations.

Maintain comprehensive records of safety training, inspections, incidents, and corrective actions taken.

Periodic Review and Continuous Improvement:

Conduct regular reviews of EHS policies, procedures, and performance metrics.

Implement continuous improvement measures based on feedback, audits, and emerging best practices.

Communication and Awareness:

Establish effective communication channels for disseminating EHS information.

Promote awareness through signage, newsletters, and training programs.

Compliance and Accountability:

Enforce compliance with EHS policies across all university departments and individuals.

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Integrate EHS considerations into performance evaluations and accountability frameworks.

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1. Introduction
2. Purpose
3. Scope
4. Objectives
5. Responsibilities

1. Introduction:

Implementing Environmental, Health, and Safety (EHS) practices within an educational institution is critical for ensuring the well-being of students, staff, faculty, and visitors. By incorporating these principles into the educational environment, institutions can cultivate a culture of responsibility, sustainability, and care while providing a safe and healthy setting for learning and growth.

Environmental Considerations:

Educational institutions have a significant ecological footprint, and addressing environmental concerns is vital for fostering a sustainable future. Embracing eco-friendly practices within the institution can include:

- **Waste Management:** Encouraging recycling programs, reducing waste generation, and proper disposal of recyclable materials.

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- **Energy Conservation:** Implementing energy-efficient technologies, reducing consumption, and promoting renewable energy sources.
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Supporting Physical Health: Providing a healthy environment that includes access to nutritious food, physical fitness facilities, and health education contributes to the physical well-being of the school community.

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2. Promote Health and Wellness:

Physical Health: Provide facilities, resources, and education to support physical well-being, including access to healthcare services, nutritious food, and fitness programs.

Mental Health: Offer counseling services, stress management programs, and create an environment that supports mental well-being among students, faculty, and staff.

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**POLICY ON ENVIRONMENTAL, HEALTH & SAFETY**

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Role Modeling: Set an example for responsible behavior by practicing and promoting EHS principles among students, faculty, staff, and the broader community.

Community Engagement: Encourage involvement in EHS initiatives within the school and collaborate with local communities to address broader environmental concerns.

7. Continuous Improvement and Innovation:

Monitoring and Evaluation: Regularly assess and improve EHS practices by monitoring performance, conducting audits, and seeking feedback for continuous enhancement.

Innovation: Encourage research, innovation, and the adoption of new technologies or practices that advance EHS objectives within the educational institution.

5. Responsibilities:

Maintaining Environmental, Health, and Safety (EHS) at an educational institution involves a range of responsibilities that are crucial for creating and sustaining a safe, healthy, and environmentally conscious environment for students, faculty, staff, and visitors.

1. Establishing Policies and Procedures:

Developing EHS Policies: Create comprehensive policies that outline safety, health, and environmental guidelines tailored to the institution's specific needs and regulatory requirements.

Procedural Documentation: Clearly document procedures for emergency response, safety protocols, waste management, and other EHS-related activities.

2. Risk Assessment and Management:

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POLICY ON ENVIRONMENTAL, HEALTH & SAFETY

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Identifying Hazards: Conduct regular assessments to identify potential hazards, risks, and vulnerabilities within the institution's facilities, activities, and practices.

Risk Mitigation: Implement strategies to mitigate identified risks, whether they pertain to physical safety, health concerns, or environmental impact.

3. Compliance and Regulation:

Ensuring Compliance: Stay updated with local, national, and international EHS regulations and standards, ensuring the institution complies with all necessary laws and guidelines.

Documentation and Reporting: Maintain accurate records, reports, and documentation related to EHS compliance to demonstrate adherence to regulatory requirements.

4. Training and Education:

Providing Training: Conduct regular training sessions for students, faculty, and staff on safety procedures, emergency response, environmental conservation, and health promotion.

Raising Awareness: Organize awareness campaigns and educational programs to inform and engage the school community about EHS practices and their importance.

5. Facility Maintenance and Inspections:

Regular Inspections: Schedule and conduct routine inspections of facilities, laboratories, equipment, and infrastructure to ensure compliance with safety standards.

Maintenance Programs: Implement maintenance schedules and procedures to address potential hazards and ensure the proper functioning of safety systems.

6. Emergency Preparedness:

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Emergency Response Plans: Develop and regularly review emergency response plans for various scenarios, ensuring that all stakeholders are trained and aware of their roles in emergencies.

Drills and Exercises: Conduct regular emergency drills and exercises to test the effectiveness of response plans and familiarize the community with procedures.

7. Environmental Sustainability Initiatives:

Waste Management: Implement waste reduction, recycling programs, and proper disposal practices throughout the institution.

Energy Efficiency: Promote energy conservation, adopt renewable energy sources, and implement measures to reduce the institution's carbon footprint.

8. Collaboration and Communication:

Stakeholder Engagement: Collaborate with stakeholders, including students, faculty, staff, local authorities, and the community, to foster a culture of responsibility and involvement in EHS initiatives.

Communication Channels: Establish effective communication channels to disseminate information, updates, and guidelines related to EHS practices within the institution.

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POLICY ON ENERGY CONSERVATION

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1. Introduction
2. Purpose
3. Scope
4. Objectives
5. Responsibilities
6. Procedure

1. Introduction:

Energy conservation is the proactive and deliberate effort to reduce the consumption of energy resources while maintaining or improving the quality of life. It encompasses a range of practices, technologies, and behaviors aimed at using energy more efficiently to minimize waste and environmental impact.

The need for energy conservation arises from the finite nature of natural resources, the environmental consequences of excessive energy use, and the growing global demand for energy. Fossil fuels, which are the primary source of energy for most of the world, are non-renewable and contribute significantly to greenhouse gas emissions, leading to climate change and environmental degradation.

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POLICY ON ENERGY CONSERVATION

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Conserving energy involves various strategies across different sectors such as residential, commercial, industrial, and transportation. These strategies include adopting energy-efficient technologies, improving insulation and building designs, optimizing transportation systems, implementing smart energy management systems, and raising awareness about energy-saving practices.

By reducing energy consumption, individuals, businesses, and governments can not only decrease their carbon footprint but also save money on energy bills, increase energy security, and create a more sustainable future for generations to come. Moreover, energy conservation plays a pivotal role in achieving global climate goals and ensuring a cleaner and healthier planet for all.

2. Purpose:

Acharya & BM Reddy college of Pharmacy is pioneers in promoting water conservation initiatives for sustainability of green environment. We focus on saving and conserving water in all the possible ways. The major water conservation initiative is having a rainwater harvesting system which includes a four-acre lake inside the campus. Through Rainwater harvesting system the collection and storage of rain is done, rather than allowing it to run off. Rainwater is collected into artificial lake through percolation, so that it seeps down and restores the ground water. The conserved rainwater serves as a secondary source of water. Rainwater harvesting develops new paradigms by creating sustainable solutions to environmental needs of mankind.

3. Scope:

Water conservation in educational institutions involves a comprehensive approach to managing and reducing water usage across various facilities within the campus.

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POLICY ON ENERGY CONSERVATION

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4. Objectives:

- For reducing the loss of water by its running –off.
- To avoid pooling of water of roads.
- For meeting the rising demands of water necessity in the campus.
- To raise the water table underground.
- To reduce soil erosion and provide water to the trees in the campus.
- To minimize pollution, save cost, reduce wastage, mitigate environmental degradation, and improve staff and student health.

Facilities for water conservation:

- Rainwater harvesting from rooftop run-offs.
- Collection of water at in-built campus lake.
- Well-developed bore well recharge system.
- Low pressure & sensor-based water tabs in some areas of campus.
- Water distribution and recirculation system in the Campus.

Methodology:

- Water must be collected in various methods throughout the campus.
- Collected water must be transported through the pipelines to the lake built in the campus for water conservation.
- Water must be collected in the lake through percolation process as well.
- Water collected in the lake must be filter and treated thoroughly before supplying for the gardening purpose and regular usage.

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- To avoid water leaks, pipeline connections and plumbing work are monitored on a regular basis.
- Borewells must be employed for the collection of underground water and for the supplying the same to different water distribution units in the campus.

5. Responsibilities:

Water conservation in educational institutions involves a range of responsibilities distributed across various stakeholders within the campus community. These responsibilities are crucial for implementing effective water-saving initiatives, fostering a culture of sustainability, and ensuring efficient water management. Here are the key responsibilities of different stakeholders in water conservation at educational institutions:

➤ Administrative Leadership:


Policy Development: Establishing comprehensive water conservation policies, setting clear goals, and outlining strategies to reduce water usage across campus facilities.

Resource Allocation: Allocating funds and resources towards implementing water-saving technologies, infrastructure upgrades, and educational programs focused on water conservation.

➤ Facilities Management and Operations:

Infrastructure Maintenance: Ensuring regular maintenance of plumbing systems, irrigation equipment, and water fixtures to prevent leaks and optimize water efficiency.

Implementing Efficiency Measures: Overseeing the installation of water-saving fixtures, smart irrigation systems, and other technologies to reduce water consumption in buildings and landscapes.

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➤ Educational Programs and Student Engagement:

Curriculum Integration: Integrating water conservation topics into educational programs, encouraging research projects, and engaging students in practical initiatives related to water sustainability.

Student Outreach and Engagement: Organizing awareness campaigns, workshops, and student-led initiatives that promote water conservation and encourage behavioral changes among the student body.

➤ Operations and Campus Services:

Monitoring and Reporting: Implementing systems to track water consumption, conducting regular audits, and providing transparent reports on water usage to identify areas for improvement.

Implementation of Conservation Measures: Overseeing the execution of water conservation initiatives, including retrofitting facilities, optimizing water-use practices, and ensuring compliance with water-saving policies.

➤ Community Engagement and Partnerships:

Collaboration: Building partnerships with local water authorities, environmental organizations, and community groups to share resources, knowledge, and best practices for water conservation.

Public Awareness: Organizing outreach programs, seminars, and community events to involve the broader community in water-saving efforts and advocate for sustainable water practices.

➤ Research and Development:

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Innovation and Best Practices: Supporting research initiatives focused on developing innovative water-saving technologies, sustainable water management practices, and fostering a culture of continuous improvement in water conservation.

➤ **Governance and Compliance:**

Compliance with Regulations: Ensuring adherence to water conservation regulations, codes, and standards set by local authorities or government agencies.

Advocacy and Policy Influence: Advocating for policies and regulations that promote water conservation and sustainability at both institutional and governmental levels.

6. Procedure

Establishment of Energy Conservation Committee:

Form an Energy Conservation Committee comprising representatives from various university departments, including facilities management, engineering, finance, and sustainability.


Appointment of Energy Manager:

Appoint an Energy Manager responsible for overseeing the implementation of energy conservation initiatives, coordinating with the Energy Conservation Committee, and ensuring adherence to energy-saving measures.

Energy Audit and Baseline Assessment:

Conduct a comprehensive energy audit to analyze current energy consumption patterns and identify areas for improvement.

Establish a baseline for energy consumption to measure future progress.

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Setting Energy Conservation Targets:

Collaborate with the Energy Conservation Committee to set realistic and measurable energy conservation targets.

Define specific goals for reducing overall energy consumption and increasing the utilization of renewable energy sources.

*Implementation of Energy-Efficient Technologies:**a. Building Systems:*

Identify and implement energy-efficient technologies in lighting, heating, ventilation, and air conditioning (HVAC) systems.

Upgrade or retrofit outdated systems to meet energy efficiency standards.

b. Smart Building Solutions:

Integrate smart building technologies for automated energy management, including occupancy sensors, programmable thermostats, and smart lighting systems.

c. Energy-Efficient Appliances and Equipment:

Encourage the use of energy-efficient appliances and equipment across campus.

Implement procurement policies that prioritize Energy Star-rated products.


Behavioral Change Programs:

Launch awareness campaigns to educate the university community about the importance of energy conservation.

Organize workshops and training sessions to promote energy-saving behaviors among staff, faculty, and students.

Occupancy Scheduling and Zoning:

Implement scheduling systems for classrooms, laboratories, and other facilities to align with actual occupancy.

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Zone buildings to optimize energy usage based on occupancy patterns.

Regular Maintenance and Monitoring:

Establish a routine maintenance schedule for all energy-related systems to ensure optimal efficiency.

Implement continuous monitoring of energy consumption using smart meters and sensors.

Renewable Energy Integration:

Explore and invest in renewable energy sources such as solar, wind, or geothermal power.

Collaborate with energy providers or government initiatives to incorporate renewable energy into the university's energy mix.

Energy Conservation in Laboratories:

Implement energy-saving measures in laboratories, such as efficient equipment usage, proper ventilation controls, and shutting down non-essential equipment during idle times.

Policy Integration:


Integrate energy conservation measures into the university's policies and procedures. Ensure that all new construction and renovation projects adhere to energy efficiency standards.

Data Analysis and Reporting:

Analyze data regularly to track progress towards energy conservation goals.

Generate periodic reports to communicate achievements and identify areas for further improvement.

Feedback Mechanism:

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Establish a feedback mechanism to allow the university community to report energy-related concerns or suggest energy-saving ideas.

Use feedback to make informed adjustments to the energy conservation strategy.

Review and Update:

Conduct regular reviews of the energy conservation strategy to incorporate technological advancements and emerging best practices.

Update the strategy as needed to align with changing energy efficiency standards.

Compliance and Accountability:

Ensure compliance with energy conservation policies across all university departments and individuals.

Integrate energy conservation considerations into performance evaluations and accountability frameworks.

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POLICY ON ENERGY CONSERVATION

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1. Introduction
2. Purpose
3. Scope
4. Objectives
5. Responsibilities

1. Introduction:

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POLICY ON ENERGY CONSERVATION

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➤ Facilities Management and Operations:

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➤ Educational Programs and Student Engagement:

Curriculum Integration: Integrating water conservation topics into educational programs, encouraging research projects, and engaging students in practical initiatives related to water sustainability.

Student Outreach and Engagement: Organizing awareness campaigns, workshops, and student-led initiatives that promote water conservation and encourage behavioral changes among the student body.

➤ Operations and Campus Services:

Monitoring and Reporting: Implementing systems to track water consumption, conducting regular audits, and providing transparent reports on water usage to identify areas for improvement.


Implementation of Conservation Measures: Overseeing the execution of water conservation initiatives, including retrofitting facilities, optimizing water-use practices, and ensuring compliance with water-saving policies.

➤ Community Engagement and Partnerships:

Collaboration: Building partnerships with local water authorities, environmental organizations, and community groups to share resources, knowledge, and best practices for water conservation.

Public Awareness: Organizing outreach programs, seminars, and community events to involve the broader community in water-saving efforts and advocate for sustainable water practices.

➤ Research and Development:

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Innovation and Best Practices: Supporting research initiatives focused on developing innovative water-saving technologies, sustainable water management practices, and fostering a culture of continuous improvement in water conservation.

➤ Governance and Compliance:

Compliance with Regulations: Ensuring adherence to water conservation regulations, codes, and standards set by local authorities or government agencies.

Advocacy and Policy Influence: Advocating for policies and regulations that promote water conservation and sustainability at both institutional and governmental levels.

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POLICY ON MAINTENANCE

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1. Introduction
2. Purpose
3. Scope
4. Objectives
5. Responsibilities
6. Procedure

1. Introduction:

The ABMRCP owns and operates an extensive infrastructure to deliver its teaching, learning and research programmes. The Institute has an established system for maintenance and utilisation of computers, classrooms, equipment and laboratories in the campus. This document provides a management framework and an outline on the allocation of responsibilities to ensure effective use and maintenance of existing infrastructure facilities. Diagrammatic representations of a procedure for the maintenance of various infrastructural facilities are presented in this document.

Facilities Management includes all activities necessary to operate, maintain, and provide services for Institute buildings, equipment, and utilities to keep them in good operating condition. All of these services are provided to all institute's colleges and departments.

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POLICY ON MAINTENANCE

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Activities which are classified as building Management, maintenance and services are performed by Facilities Management.

2. Purpose:

The maintenance policy at an educational institution serves several critical purposes aimed at ensuring the effective operation, safety, sustainability, and longevity of campus facilities and infrastructure. The policy outlines guidelines, strategies, and procedures for maintaining buildings, equipment, grounds, and other assets within the institution.

3. Scope:

This policy is applicable for all infrastructure facilities and equipment in the Institution and maintained by the different departments.

4. Objectives:

The objectives of a maintenance policy at an educational institution are designed to outline specific goals and guidelines for the effective management and upkeep of facilities, equipment, and infrastructure within the campus. These objectives encompass a range of aims aimed at ensuring operational efficiency, safety, sustainability, and the preservation of assets. Some key objectives of a maintenance policy in an educational institution include:

- **Optimizing Facility Performance:** Ensure that all facilities and equipment within the institution are well-maintained, functioning efficiently, and meeting the operational needs of students, faculty, and staff.

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- **Safety and Compliance:** Prioritize the safety of individuals within the campus by conducting regular inspections, adhering to safety standards, and complying with relevant regulations and codes to prevent accidents and ensure a secure environment.
- **Asset Preservation:** Preserve the physical assets and infrastructure of the institution by implementing preventive maintenance measures, minimizing wear and tear, and extending the lifespan of buildings, equipment, and utilities.
- **Minimizing Downtime and Disruption:** Minimize disruptions to academic activities and administrative operations by scheduling maintenance during off-peak periods or breaks to avoid interference with teaching, learning, and other essential functions.
- **Cost Control and Efficiency:** Control operational costs by implementing cost-effective maintenance strategies, preventive measures, and timely repairs to reduce unexpected breakdowns and mitigate the need for major capital expenditures.
- **Sustainability and Energy Efficiency:** Promote sustainable practices by incorporating energy-efficient solutions, adopting green technologies, and reducing resource consumption to minimize the institution's environmental footprint.
- **Enhancing Stakeholder Satisfaction:** Improve stakeholder satisfaction by providing a well-maintained and safe environment that supports the educational mission, enhances the overall experience of students, faculty, staff, and visitors, and fosters a positive image of the institution.

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Policy Drafting Committee	Management	Head, Quality Assurance, Acharya Institutes

ACHARYA & BM REDDY COLLEGE OF PHARMACY

Acharya Dr. Sarvepalli Radhakrishnan Road, Soladevanahalli, Bengaluru -560 107, India



POLICY ON MAINTENANCE

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- **Documentation and Accountability:** Establish clear protocols for documentation, record-keeping, and accountability to ensure proper tracking of maintenance activities, responsibilities, and performance evaluation of maintenance tasks.
- **Proactive Planning and Budgeting:** Develop a proactive approach to maintenance planning, budgeting, and resource allocation by identifying maintenance needs, prioritizing tasks, and ensuring sufficient resources for maintenance activities.
- **Continuous Improvement:** Foster a culture of continuous improvement by regularly reviewing and updating maintenance policies, adopting best practices, and incorporating feedback and lessons learned to enhance the effectiveness of maintenance operations.

5. Responsibilities:

Maintenance at an educational institution involves a range of responsibilities to ensure the upkeep, functionality, safety, and sustainability of campus facilities, buildings, and equipment. These responsibilities are divided among various stakeholders and departments within the institution. Here are the key responsibilities related to maintenance at an educational institution:

- **Facilities Management Department:**

Routine Maintenance: Oversee and conduct regular inspections, cleaning, and maintenance of buildings, grounds, HVAC systems, electrical systems, plumbing, and other infrastructure.

Repairs and Troubleshooting: Respond promptly to repair requests, address issues, and troubleshoot problems related to facilities and equipment breakdowns.

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- **Groundskeeping and Landscaping:**

Landscape Maintenance: Maintain lawns, gardens, trees, and outdoor areas by mowing, pruning, watering, and landscaping to ensure an aesthetically pleasing and well-maintained campus environment.

Irrigation Systems: Manage and maintain irrigation systems efficiently, ensuring proper water distribution and conservation for landscaping purposes.

- **Maintenance Technicians and Engineers:**

Technical Maintenance: Conduct specialized maintenance tasks, repairs, and inspections on specific equipment, machinery, or systems, ensuring they operate optimally.

Preventive Maintenance: Implement preventive maintenance schedules and procedures to prevent equipment failures and prolong the lifespan of machinery and tools.

- **Energy and Utilities Management:**

Energy Conservation: Implement energy-efficient measures, monitor energy usage, and optimize systems to reduce energy consumption across campus facilities.

Utilities Management: Manage water, electricity, heating, and cooling systems efficiently to minimize waste and ensure cost-effective operations.

- **Safety and Compliance:**

Safety Inspections: Conduct regular safety inspections, adhere to safety protocols, and ensure compliance with safety standards and regulations to maintain a safe environment for students, faculty, and staff.

Emergency Preparedness: Develop and implement emergency protocols, response plans, and procedures to address maintenance-related emergencies promptly.

- **Technology and IT Support:**

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Technology Maintenance: Ensure the proper functioning, maintenance, and updates of technological equipment, including computers, servers, networks, and audiovisual systems used for educational purposes.

- **Administration and Planning:**

Budgeting and Planning: Allocate resources, develop budgets, and plan for maintenance activities, ensuring adequate funding for repairs, upgrades, and replacement of facilities and equipment.

Policy Development: Develop and enforce maintenance policies, procedures, and guidelines to streamline operations and ensure consistency in maintenance practices.

- **Communication and Collaboration:**

Coordination: Collaborate and communicate effectively with various departments, stakeholders, contractors, and vendors involved in maintenance activities to ensure smooth operations.

User Engagement: Engage with the campus community, gather feedback, and address maintenance-related concerns or suggestions from students, faculty, and staff.

6. Procedure

Formation of Maintenance Committee:

Establish a Maintenance Committee comprising representatives from various university departments, including facilities management, engineering, administration, and finance.

Appointment of Maintenance Manager:

Appoint a Maintenance Manager responsible for overseeing the implementation of maintenance procedures, coordinating with the Maintenance Committee, and ensuring efficient upkeep of university facilities.

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Development of Maintenance Policies:

Collaborate with the Maintenance Committee to develop clear and comprehensive maintenance policies that outline standards, responsibilities, and procedures.

Ensure alignment with industry best practices and regulatory requirements.

Asset Inventory and Condition Assessment:

Create and maintain an inventory of university assets, including buildings, equipment, and infrastructure.

Conduct regular condition assessments to identify maintenance needs and prioritize tasks.

Preventive Maintenance Program:

Establish a preventive maintenance program for critical systems, equipment, and infrastructure.

Develop schedules for routine inspections, lubrication, cleaning, and other preventive measures.

Work Order Management System:

Implement a work order management system to efficiently track and prioritize maintenance requests.

Ensure a streamlined process for submitting, assigning, and completing work orders.

Emergency Maintenance Response:

Develop and communicate emergency response procedures for urgent maintenance issues.

Maintain an emergency contact list and ensure swift response to critical situations.

Contractor Management:

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Establish protocols for hiring and managing external contractors for specialized maintenance tasks.

Ensure that contractors comply with safety regulations and university policies.

Training Programs for Maintenance Staff:

Provide ongoing training for maintenance staff to keep them updated on best practices, new technologies, and safety measures.

Encourage professional development to enhance skills and knowledge.

Energy Efficiency Measures:

Integrate energy efficiency considerations into maintenance practices.

Retrofit or upgrade equipment and systems to meet energy conservation goals.

Documentation and Record-Keeping:

Maintain detailed records of maintenance activities, including work orders, inspections, and equipment maintenance histories.

Use documentation to track trends, identify recurring issues, and plan for replacements or upgrades.

Environmental Compliance:

Ensure that maintenance activities comply with environmental regulations and sustainability initiatives.

Implement eco-friendly practices and disposal methods for maintenance-related materials.

Safety Measures:

Prioritize safety in all maintenance activities.

Provide personal protective equipment (PPE) and enforce safety protocols to prevent accidents and injuries.

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Budget Planning:

Develop an annual maintenance budget that considers preventive maintenance, repairs, and replacement costs.

Prioritize funding for critical maintenance needs.

Vendor Relationships:

Build positive relationships with vendors and suppliers.

Negotiate service contracts, monitor performance, and explore opportunities for cost savings.

Periodic Audits and Assessments:

Conduct periodic audits to assess the effectiveness of the maintenance program.

Use assessment results to make data-driven decisions and implement improvements.

Customer Feedback Mechanism:

Establish a feedback mechanism for users to report satisfaction or concerns related to maintenance services.

Use feedback to continuously improve service quality.

Regular Reporting:

Generate regular reports on maintenance activities, performance metrics, and budget utilization.

Share reports with relevant stakeholders for transparency and accountability.

Continuous Improvement:

Encourage a culture of continuous improvement within the maintenance team.

Regularly review processes and seek innovative solutions to enhance efficiency and effectiveness.

Compliance and Accountability:

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Ensure compliance with maintenance policies and procedures across all university departments.

Integrate maintenance considerations into performance evaluations and accountability frameworks.

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POLICY ON MAINTENANCE

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1. Introduction
2. Purpose
3. Scope
4. Objectives
5. Responsibilities

1. Introduction:

The ABMRCP owns and operates an extensive infrastructure to deliver its teaching, learning and research programmes. The Institute has an established system for maintenance and utilisation of computers, classrooms, equipment and laboratories in the campus. This document provides a management framework and an outline on the allocation of responsibilities to ensure effective use and maintenance of existing infrastructure facilities. Diagrammatic representations of a procedure for the maintenance of various infrastructural facilities are presented in this document.

Facilities Management includes all activities necessary to operate, maintain, and provide services for Institute buildings, equipment, and utilities to keep them in good operating condition. All of these services are provided to all institute's colleges and departments.

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Activities which are classified as building Management, maintenance and services are performed by Facilities Management.

2. Purpose:

The maintenance policy at an educational institution serves several critical purposes aimed at ensuring the effective operation, safety, sustainability, and longevity of campus facilities and infrastructure. The policy outlines guidelines, strategies, and procedures for maintaining buildings, equipment, grounds, and other assets within the institution.

3. Scope:

This policy is applicable for all infrastructure facilities and equipment in the Institution and maintained by the different departments.

4. Objectives:

The objectives of a maintenance policy at an educational institution are designed to outline specific goals and guidelines for the effective management and upkeep of facilities, equipment, and infrastructure within the campus. These objectives encompass a range of aims aimed at ensuring operational efficiency, safety, sustainability, and the preservation of assets. Some key objectives of a maintenance policy in an educational institution include:

- **Optimizing Facility Performance:** Ensure that all facilities and equipment within the institution are well-maintained, functioning efficiently, and meeting the operational needs of students, faculty, and staff.

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- **Safety and Compliance:** Prioritize the safety of individuals within the campus by conducting regular inspections, adhering to safety standards, and complying with relevant regulations and codes to prevent accidents and ensure a secure environment.
- **Asset Preservation:** Preserve the physical assets and infrastructure of the institution by implementing preventive maintenance measures, minimizing wear and tear, and extending the lifespan of buildings, equipment, and utilities.
- **Minimizing Downtime and Disruption:** Minimize disruptions to academic activities and administrative operations by scheduling maintenance during off-peak periods or breaks to avoid interference with teaching, learning, and other essential functions.
- **Cost Control and Efficiency:** Control operational costs by implementing cost-effective maintenance strategies, preventive measures, and timely repairs to reduce unexpected breakdowns and mitigate the need for major capital expenditures.
- **Sustainability and Energy Efficiency:** Promote sustainable practices by incorporating energy-efficient solutions, adopting green technologies, and reducing resource consumption to minimize the institution's environmental footprint.
- **Enhancing Stakeholder Satisfaction:** Improve stakeholder satisfaction by providing a well-maintained and safe environment that supports the educational mission, enhances the overall experience of students, faculty, staff, and visitors, and fosters a positive image of the institution.

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ACHARYA & BM REDDY COLLEGE OF PHARMACY, Bengaluru-560107

[Affiliated to Rajiv Gandhi University of Health Sciences, Approved by PCI, Accredited by NAAC and
Recognized by SIRO, Ministry of Science &Technology, Govt. of India]



Solar Energy Panels

Solar Energy: JMJ education society, a parent body of Acharya & BM Reddy College of Pharmacy, takes effective steps towards energy conservation. Harnessing the solar energy by installing solar PV power plant on rooftop helps supplementing and powering the entire institute with a solar capacity of 480 KWP. In addition, the solar energy generated is outsourced to BESCO, Karnataka at INR 2.9/KhW. the energy of the country, by implementing. The details of the solar PV modules and geo-tagged images are provided below.



Photos of Solar Panels



Photos of Solar Panels

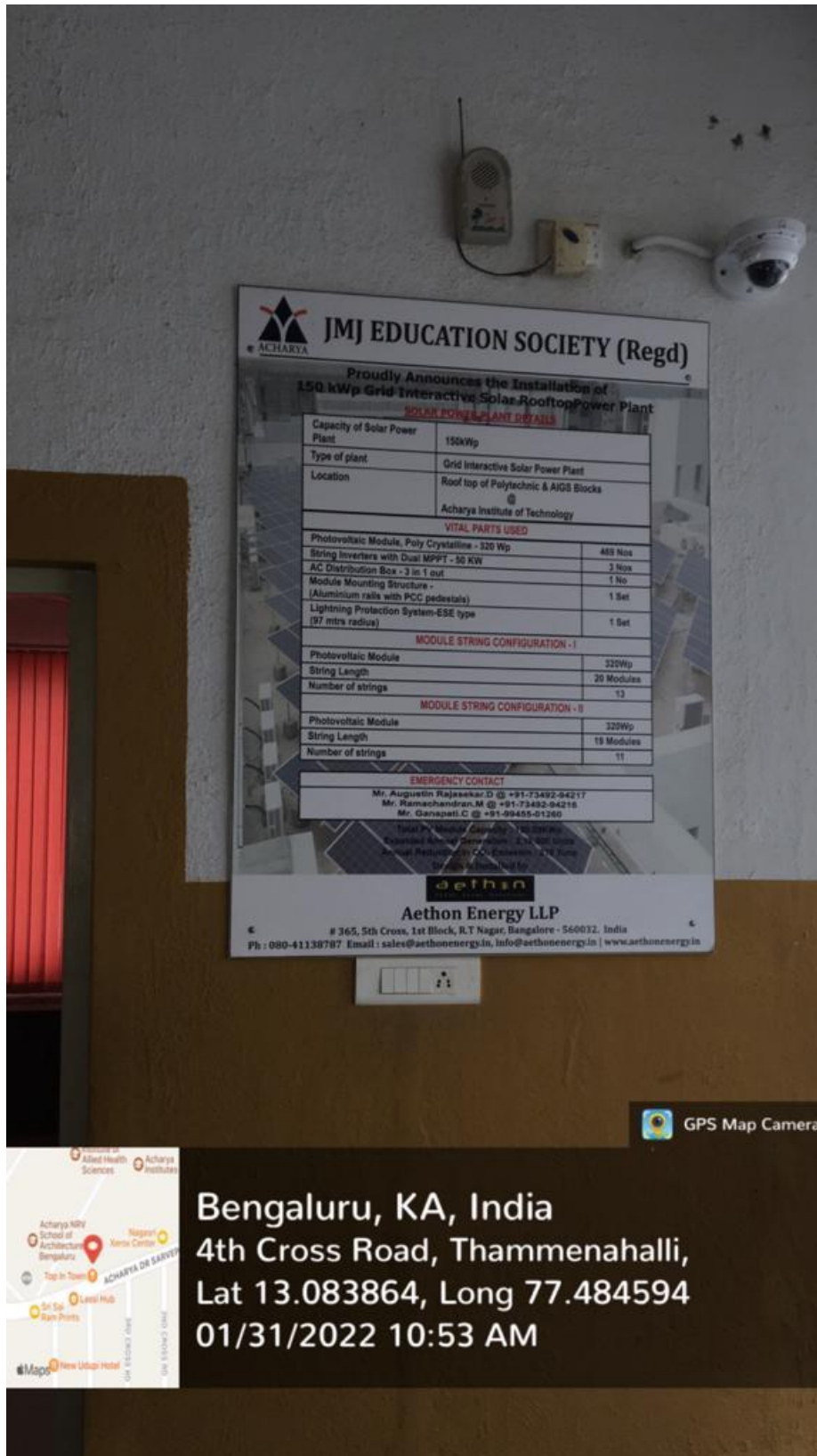


Photo of Solar Grid System Details

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Solar Energy Power Purchase Agreement

(which expression shall, unless repugnant to the context or meaning thereof, include its successors and permitted assigns), as party of the first part

AND

THE SECRETARY, JMJ EDUCATIONAL INSTITUTION the consumer of BESCOM situated at # 89, 90, SOLADEVANAHALLI, CHIKKABANAVARA (RR.NO - NSHT-355) (Account ID : 3279427000) hereinafter, referred to as the "Seller" (which expression shall, unless repugnant to the context or meaning thereof, include his successors and permitted assigns) as party of the second part.

Whereas,

- a. The Seller intends to connect and operate the Solar Roof Top Photo Voltaic (SRTPV) system (additional capacity) with BESCOM's HT/LT Distribution system for sale of Solar Power to BESCOM, in terms of the Karnataka Electricity Regulatory Commission (KEREC) Order dated: 18.08.2021.
- b. The Seller intends to install a SRTPV system of **480 KWP (Existing 150 KWP + Additional 330 KWP = 480 KWP)** capacity on existing roof top of the premises situated at THE SECRETARY, JMJ EDUCATIONAL INSTITUTION # 89, 90, SOLADEVANAHALLI, CHIKKABANAVARA and bearing (RR.NO - NSHT-355) in the same premises, under ASSISTANT EXECUTIVE N9 Sub-Division of BESCOM.
- c. The Seller intends to sell the energy, generated from the SRTPV system to BESCOM on net metering basis, from the date of commissioning of the SRTPV system.

Explanation: the "Commissioning" means the stage at which the SRTPV system starts generating the power for the use by the Seller and injects surplus power if any, into the grid.

Assistant Executive Engineer (Ele)
N-9 Sub Division, BESCOM
Bangalore



d. BESCO intends to purchase the energy, generated by such SRTPV system, on Net-metering basis, at the tariff determined by the KERC.

Now therefore, in consideration of the foregoing premises, the parties, hereto, intending to be legally bound, hereby agree as under:

1. Technical and Interconnection Requirements:

Seller shall ensure his SRTPV system complies with the following technical and interconnection requirement and shall:

- 1.1 Comply with the applicable standards and conditions, in respect of integrating the SRTPV system with the distribution system.
- 1.2 Connect and operate the SRTPV system to BESCO's distribution system, in accordance with the State Grid code, and distribution Code as amended from time to time.
- 1.3 Install, prior to connection of SRTPV system to BESCO's distribution system, an inverter with an automatic inbuilt isolation device.
- 1.4 Provide external manual isolation mechanism with suitable locking facility, so that SRTPV system will not back-feed into the BESCO's network in case of power outage of the BESCO's distribution system, and it shall be accessible for BESCO to operate, if required, during maintenance / emergency conditions.
- 1.5 Install all the equipment of SRTPV system compliant with relevant International (IEEE/IEC) and Indian standards (BIS).

1.6 (a) The SRTPV system shall be designed, engineered and constructed and operated by the Seller or any other person on his behalf, with reasonable diligence, subject to all applicable Indian Laws, Rules, Regulations as amended from time to time and orders having the force of law.

(b) The Seller, shall commission the SRTPV system, within six months from the date of approval of the PPA.

1.7 Adhere to the following power quality measures, as per the International and Indian standards and/or such other measures stipulated by KERC/BESCOM:

- i) Harmonic current: Harmonic current injections from a generation unit shall not exceed the limits specified in IEEE 519.
- ii) Voltage at the injection point should be in the operating range of 80% to 110% of the nominal connected voltage.
- iii) Flicker: Operation of Photovoltaic system shouldn't cause voltage flicker in excess of the limits stated in the relevant sections of IEC standards or other equivalent Indian standards, if any.
- iv) Frequency: When the system frequency exceeds the upper limit, specified in the IEGC as amended from time to time, the SRTPV system shall shift to island mode.
- v) DC Injection: Photovoltaic system should not inject DC power more than 0.5% of full rated output at the interconnection point or 1% of rated inverter output current into distribution system under any

- vi) Power Factor: While the output of the inverter is greater than 50%, a lagging power factor of greater than 0.9, shall be maintained.
- vii) The SRTPV system, in the event of voltage or frequency variations must island/disconnect itself, as per IEGC/KEGC Regulations, within the stipulated period.

2.Safety:

The Seller, shall comply with the following safety measures:

- 2.1 The Seller shall comply with the Central Electricity Authority (Measures Relating to Safety and Electricity Supply) Regulations, 2010.
- 2.2 The Seller shall ensure that, the design, installation, maintenance and operation of the SRTPV system, are in a manner conducive to the safety of the SRTPV system, as well as the BESCO's distribution system.
- 2.3 If the Seller's SRTPV system either, causes damage to and/or produces adverse effects on the other consumer's or BESCO's assets, Seller will disconnect SRTPV system immediately, from the distribution system, by himself or upon directions from the BESCO and rectify the same at his own cost before reconnection.

3. Clearances and Approvals

The Seller shall obtain BESCO's and other statutory approvals and clearances before connecting the SRTPV system to the distribution system.

4. Access and Disconnection

- 4.1 BESCO shall have access to metering equipment and disconnecting device of SRTPV system, both automatic and manual, at all times.

4.2 In emergency or outage situation, where there is no access to a disconnecting device either, automatic or manual, the BESCO shall have the right to disconnect power supply to the premises.

5. Liabilities

The Seller, shall be solely responsible for availing any fiscal or other incentive provided by the State/ Central government, at his own expenses.

6. Commercial Settlement-

6.1 Tariff:

- a. The BESCO shall pay for the Net energy at **Rs 2.871** per kWh, (Two Rupees Eight Seventy one paisa) as determined by the **KERC order dated: 18.08.2021** for the term of this agreement.
- b. If for any reason the date of commissioning is delayed, beyond the date of commissioning agreed. The tariff payable by the BESCO shall be lower of the:
 - i) Tariff agreed to in this agreement
OR
 - ii) Any revised tariff, determined by the Commission, prevailing on the date of commissioning
OR
 - iii) 90% of the tariff agreed to in this agreement.
- c. The Seller, shall pay the Electricity tax and other statutory levies, pertaining to SRTPV generation, as may be levied from time to time.
- d. The Seller shall not have any claim for compensation, if the Solar power generated by his SRTPV system could not be absorbed by the distribution system due to failure of power supply in the grid/ distribution system for the reasons, such as line clear, load shedding

7. Metering:

7.1 The Seller, shall arrange to shift the existing meter to the generation side of SRTPV plant to measure solar power generation and install Bi-directional meter (whole current/CT operated) at the point of interconnection to the distribution system, at a suitable place in the premises, accessible for recording export of energy, from the SRTPV system to the grid and import of energy to the premises of the consumer from the grid. The bi-directional meter, shall comply with the Central Electricity Authority (Installation and operation of meters) Regulations, 2006 and shall have the following features:

- i. Separate registers, for recording export and import energy with facility to download by Meter Reading Instrument (MRI).
- ii. kVA, kW and kVAR measuring registers for both import and export.
- iii. The Meter shall have RS232 (or higher) communication optical port / Radio Frequency (RF) port to support Automatic Meter Reading (AMR).

8. BILLING AND PAYMENT:

8.1 BESCO shall issue monthly electricity bill for the net energy on the scheduled date of meter reading.

8.2 In case the exported energy is more than the imported energy BESCO shall pay for the net energy exported, as per the Tariff agreed in this agreement.

within 30 days from the date of issue of bill, duly adjusting the fixed charges and electricity duty, if any.

8.3 In case, the exported energy is less than the imported energy, the Seller shall pay BESCO for the Net energy imported as per the prevailing retail supply tariff, determined by the Commission from time to time.

8.4 The BESCO shall pay interest at the same rates, as is being levied on the consumers, for late payment charges, in case of any delay in payment beyond 30 (thirty) days period from the date of issue of bill, for the Net energy exported.

Explanation: *Net metered energy means the difference of meter readings of energy injected by the SRTPV system into the grid (export) and the energy drawn from the grid for use by the Seller (import,) recorded in the bi-directional meter.*

9. Term and Termination of the Agreement

9.1 This agreement shall be in force for a **period of 25 years** from the date of commissioning of the SRTPV system, unless terminated otherwise, as provided here under.

9.2 If the BESCO commits any breach of the terms of the Agreement, Seller shall serve a written notice specifying the breach and calling upon the BESCO to remedy/ rectify the same, within 30 (thirty) days or at such other period and at the expiry of 30 (Thirty) days or such other period

from the delivery of the notice, Seller may terminate the agreement by delivering the termination notice, if the BESCO fails to remedy/ rectify the same.

9.3 If the Seller commits any breach of the terms of the Agreement, BESCO shall serve a written notice specifying the breach and calling upon the Seller to remedy/ rectify the same within 30 (thirty) days or at such other period and at the expiry of 30 (Thirty) days or such other period from the delivery of the notice, the BESCO may terminate the agreement by delivering the termination notice, if the Seller fails to remedy/ rectify the same.

9.4 Upon termination of this Agreement, Seller shall cease to supply power to the distribution system and any injection of power shall not be paid for by the BESCO.

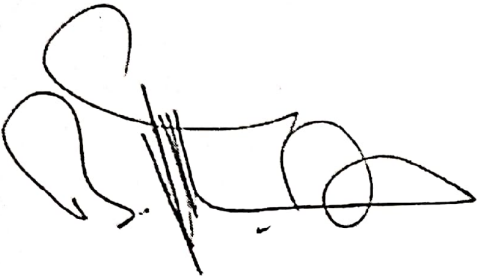

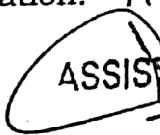
10. Dispute Resolution:

All the disputes between the parties arising out of or in connection with this agreement shall be first tried to be settled through mutual negotiation.

The parties shall resolve the dispute in good faith and in equitable manner.

In case of failure to resolve the dispute, either of the parties may approach the appropriate Forum.

BY WITNESS WHEREOF, the Seller and the BESCO have entered into this Agreement executed as of the date and the year first set forth above

For AND ON BEHALF OF Bangalore Electricity Supply Company Limited	For AND ON BEHALF OF SELLER
<p>By: (Name) Designation: Address:</p>  <p>Assistant Executive Engineer (Ele.) N-9 Sub Division, BESCO Bangalore</p>	<p>By: THE SECRETARY, JMJ EDUCATIONAL INSTITUTION RR.NO :- N5HT-355 Address : # 89, 90, SOLADEVANAHALLI, CHIKKABANAVARA</p> 
<p>1. WITNESS</p> <p>In Presence of Name: SANDEEP Designation: AET</p>  <p>ASSISTANT ENGINEER (TECH) No.9 Sub Division Soldevananalli BESCO Bangalore-560090.</p>	<p>1. WITNESS</p> <p>In Presence of Name:</p>
<p>2. WITNESS</p> <p>In Presence of Name: Designation:</p>	<p>2. WITNESS</p> <p>In Presence of Name:</p>



ACHARYA & BM REDDY COLLEGE OF PHARMACY, Bengaluru-560107

[Affiliated to Rajiv Gandhi University of Health Sciences, Approved by PCI, Accredited by NAAC and
Recognized by SIRO, Ministry of Science &Technology, Govt. of India]



Solar Energy Panels Installation Documents

SRTPV No: 392/1/18-19

Office of the
Chief Electrical Inspector to Government
Nirmana Bhavan, 2nd floor,
P.B. No: 5148, Dr. Rajkumar Road,
Rajajinagar, Bangalore-10

Dated: 09/10/18

To
The Secretary,
M/s. JMJ Education Society,
Sy. No: 80 & 90,
Hesaraghatta Road, Soladevanahalli,
Bengaluru

Sir,

Sub: Approval of **electrical installation pertaining to 150 kWp SRTPV system on net metering** basis comprising of 469 Nos. of **320Wp Solar PV Modules, 3x50kW, 400V inverters** connected to existing installation (1x800KVA, 11kV/433V & 1x500KVA, 11kV/433V Transformer) bearing RR No: N5HT-355 at the above said premises.

- Ref:
- 1) Lr. No: EEE/PD/AEE(O)/AE(T)/F-60/131, Dt. 16-04-2018 from The Executive Engineer (Ele), Peenya Division, BESCOM, Bengaluru for approval of installing 150kWp SRTPV system
 - 2) PPA Dt. 31-03-2018 executed between The Secretary, JMJ Educational Institution and BESCOM
 - 3) Lr. No: ACEI/BN/DCEI/HT/7643-47/14-15, Dt. 8-12-2014 from The DCEI, Bengaluru North accorded approval of additional 1x800KVA, 11kV/433V HT, transformer sub-Station (existing 1x500KVA, 11kV/433V Transformer)
 - 4) T.O. Lr. No: CEIG/TEC/BN-31/9786-92/18-19, Dt. 19-06-2018 approving the installation drawings.
 - 5) Lr. No: NIL, Dt. 24-08-2018 with the work completion report.

Approval as required under Regulation 32 & 43 of the Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations 2010 is hereby accorded to electrical installation pertaining to 150 kWp SRTPV system on net metering basis comprising of 469 Nos. of 320Wp Solar PV Modules, 3x50kW, 400V inverters connected to existing installation (1x800KVA, 11kV/433V & 1x500KVA, 11kV/433V Transformer) bearing RR No: N5HT-355 at M/s. JMJ Education Society, Sy. No: 80 & 90, Hesaraghatta Road, Soladevanahalli, Bengaluru

This approval is subject to conditions mentioned below and overleaf.

This approval is strictly subject to your full compliance with the relevant provision of the Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations 2010.(as amended to date) in every respect.

Conditions:

1. As per Regulation No: 46(5) and 46(6) required records shall be maintained.
2. As per Regulation No: 46(7) the installation shall be maintained and operated in a condition free from danger.
3. As per Regulation No: 3 designated person (s) shall operate and carryout the work electrical lines and apparatus.
4. Any additions / alterations shall be got approved separately.

ACHARYA & BM REDDY COLLEGE OF PHARMACY, Bengaluru-560107

[Affiliated to Rajiv Gandhi University of Health Sciences, Approved by PCI, Accredited by NAAC and
Recognized by SIRO, Ministry of Science &Technology, Govt. of India]



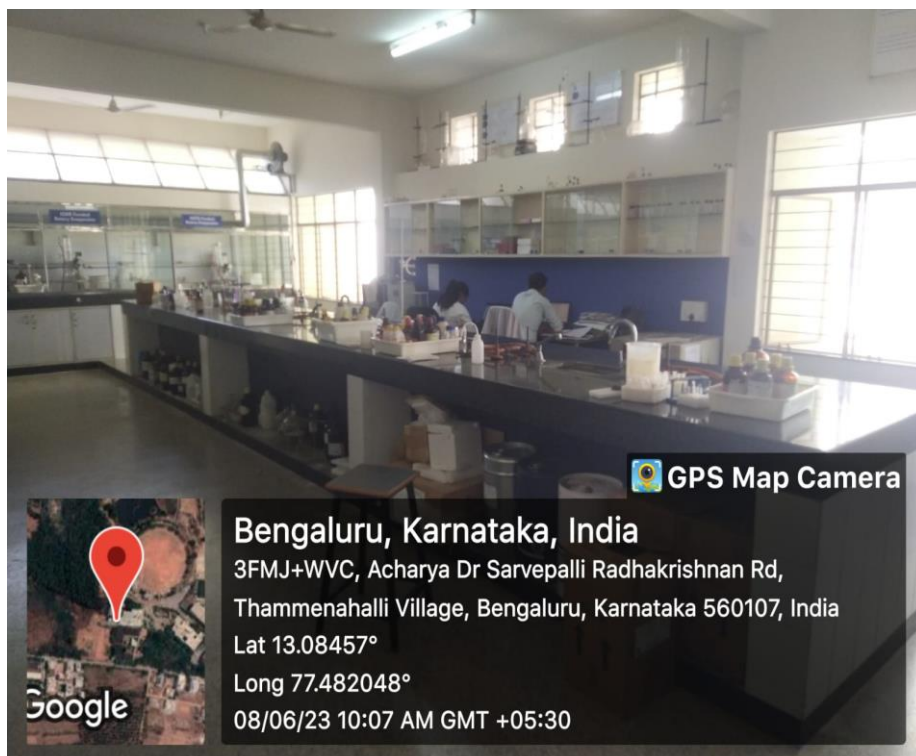
Natural Light in the College



ABMRCP has taken initiatives to replace the traditional lightning systems into LED lamps and displays to minimize the power consumption in the campus.



Natural Light in the College



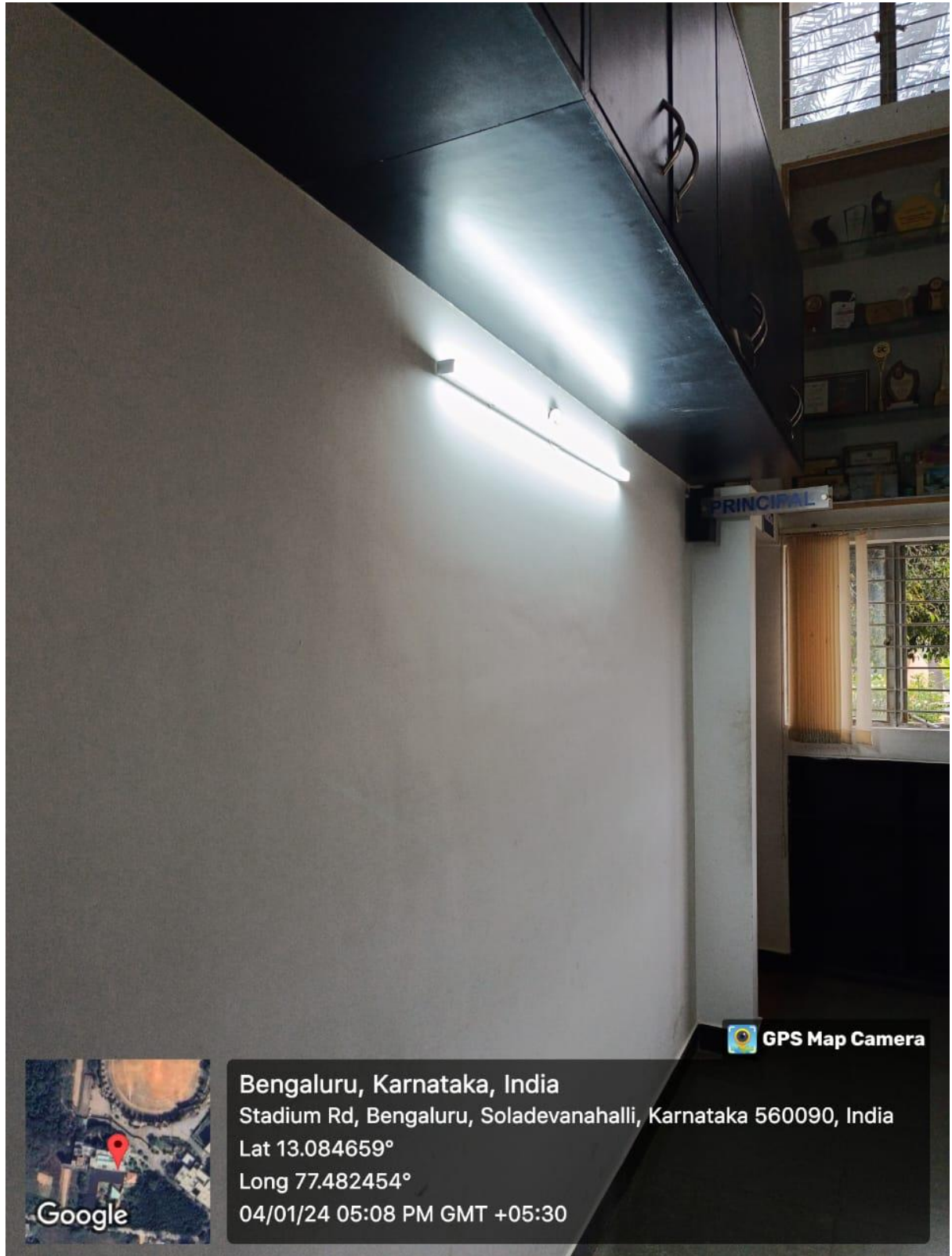
Natural light in laboratory

ACHARYA & BM REDDY COLLEGE OF PHARMACY, Bengaluru-560107

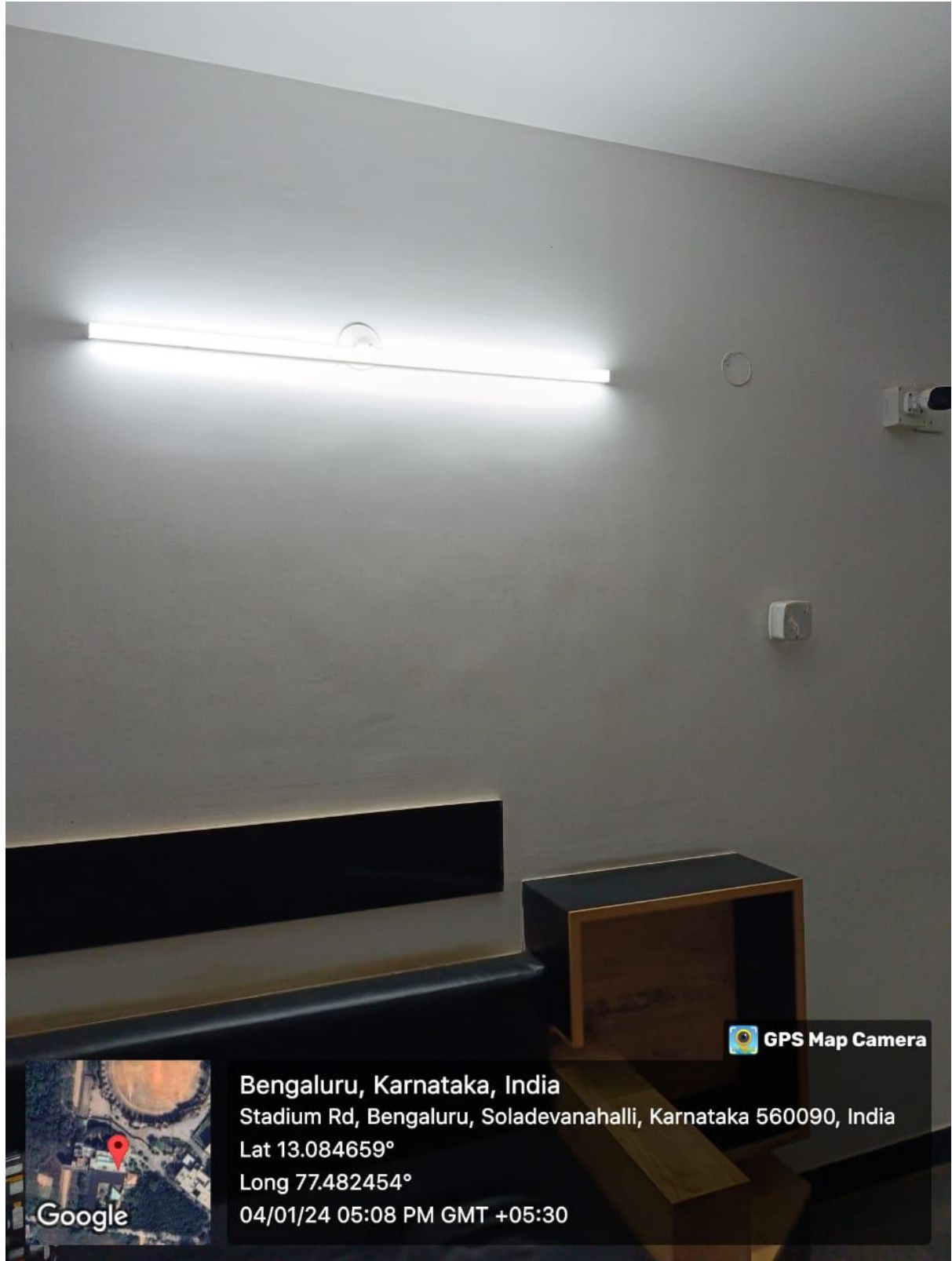
[Affiliated to Rajiv Gandhi University of Health Sciences, Approved by PCI, Accredited by NAAC and Recognized by SIRO, Ministry of Science &Technology, Govt. of India]



LED Lights Installed in College



LED Light Instillation in College



Bengaluru, Karnataka, India
Stadium Rd, Bengaluru, Soladevanahalli, Karnataka 560090, India
Lat 13.084659°
Long 77.482454°
04/01/24 05:08 PM GMT +05:30

LED Light Instillation in College

ACHARYA & BM REDDY COLLEGE OF PHARMACY, Bengaluru-560107

[Affiliated to Rajiv Gandhi University of Health Sciences, Approved by PCI, Accredited by NAAC and
Recognized by SIRO, Ministry of Science &Technology, Govt. of India]



Bills and Invoices

Tax Invoice
TAX/CREDIT INVOICE

(ORIGINAL FOR RECIPIENT)

Draft

SRI BALAJI ELECTRICALS AND INDUSTRIAL SUPPLIERS

No.6, Old No.105, 1st Cross, A.M.Lane,
Chickpet, Bengaluru-560 053.
GSTIN/UIN: 29AJKPV8289K1ZX
E-Mail : balajielec123@gmail.com

Invoice No. 1163	e-Sugam No.	Dated 3-Nov-2023
Delivery Note	Mode/Terms of Payment Rtgs Done	
Supplier's Ref.	Other Reference(s)	
Buyer's Order No.	Dated	
Despatch Document No.	Delivery Note Date	
Despatched through	Destination	
Terms of Delivery		

Buyer
Acharya Institute of Technology
No 89/90 Soladevanahalli Hesar Gatta Main Road,
Chikkabanavara Bangalore 560090
Karnataka, Code : 29

SI No.	Description of Goods	HSN/SAC	GST Rate	Quantity	Rate	per	Disc. %	Amount
1	Wall Led Light	9405	18 %	3 Nos	1,950.00	Nos		5,850.00
2	Waterproof Fitting	9405	18 %	2 Nos	7,570.00	Nos		15,140.00
3	Cfl 5w E14	8539	18 %	10 Nos	45.00	Nos		450.00
4	Cfl 5w E27	8539	18 %	10 Nos	45.00	Nos		450.00
5	1/2 Hp Motor	84137010	18 %	1 Nos	3,250.00	Nos		3,250.00
6	Mirror Led Light	9405	18 %	4 Nos	550.00	Nos		2,200.00
7	40w Gls Lamp E27	8539	18 %	10 Nos	325.00	Nos		3,250.00
8	18w Led Pannel Surface Fitting	9405	18 %	2 Nos	950.00	Nos		1,900.00
9	Health Faucet Gun Jaquar	8481	18 %	2 Nos	650.00	Nos		1,300.00
10	Swimming Pool Led Water Proof Fitting	9405	18 %	1 Nos	7,500.00	Nos		7,500.00
11	12w Led Surface Fitting	9405	18 %	2 Nos	751.00	Nos		1,502.00
12	5w Led Bulb E27	9405	18 %	10 Nos	170.00	Nos		1,700.00
								44,492.00
								CGST
								4,004.28
								SGST
								4,004.28
Less: ROUND OFF								(-).056
Total								57 Nos
								₹ 52,500.00

Amount Chargeable (in words)

INR Fifty Two Thousand Five Hundred Only

E. & O.E

HSN/SAC	Taxable Value	Central Tax		State Tax	
		Rate	Amount	Rate	Amount
9405	35,792.00	9%	3,221.28	9%	3,221.28
8539	4,150.00	9%	373.50	9%	373.50
84137010	3,250.00	9%	292.50	9%	292.50
8481	1,300.00	9%	117.00	9%	117.00
Total	44,492.00		4,004.28		4,004.28

Tax Amount (in words) : **INR Eight Thousand Eight and Fifty Six paise Only**

RPO/GRN
11/11/23
Security Checked
Date of receipt 11/11/23
Supplier Name Sri Balaji Electricals
Type of consumprie Electricals Items
Brought By ... Reddy ...
Security Incharge ...



Company's PAN : **AJKPV8289K**

Declaration

We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

Customer's Seal and Signature

for **SRI BALAJI ELECTRICALS AND INDUSTRIAL SUPPLIERS**



Tax Invoice



SRI GURURAGHAVENDRA ENTERPRISES

NO 37/137, SRI NIDHI TOWER,
 OLD CHECK POST , GANESH SAW MILL ROAD, TUMKUR ROAD, T.DASARAHALLI,
 BANGALORE-560057
 Phone no: 9880657025,9449616710 Email: srigururaghavendra@ymail.com
 GSTIN: 29APSPR7913Q1ZK, State: 29-Karnataka

Bill To
JMJ EDUCATION SOCIETY (Regd.) ACHARYA HOSTEL
 NO.89/90, Soladevanahalli, Hesaraghatta Main Road, Chikbanavara,
 Bangalore- 560090
 State: 29-Karnataka

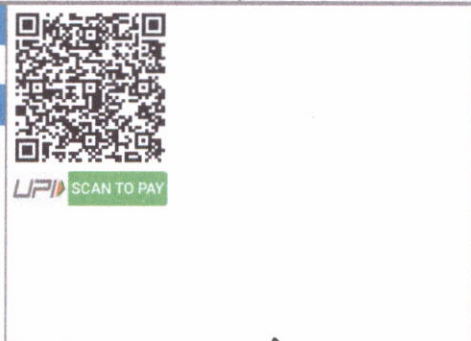
Place of supply: 29-Karnataka
Invoice No. : 342
Date : 25-09-2023
 PO Date : 27-01-2023
 PO Number : HOS/23/156

#	Item name	HSN/ SAC	Quantity	Unit	Price/ Unit	Taxable amount	CGST	SGST	Amount
1	Annual Maintenance Contract - Solar Water Heater System 27 No. with 216 Panels/Collector	8516	1	Nos	₹ 51,840.00	₹ 51,840.00	₹ 4,665.60 (9%)	₹ 4,665.60 (9%)	₹ 61,171.20
Total			1			₹ 51,840.00	₹ 4,665.60	₹ 4,665.60	₹ 61,171.20

Tax type	Taxable amount	Rate	Tax amount	Amounts:
SGST	₹ 51,840.00	9%	₹ 4,665.60	Sub Total ₹ 61,171.20
CGST	₹ 51,840.00	9%	₹ 4,665.60	Round off - ₹ 0.20
Total				₹ 61,171.00
Received				₹ 0.00
Balance				₹ 61,171.00

Invoice Amount In Words
 Sixty One Thousand One Hundred Seventy One Rupees only

Terms and Conditions
 Thanks for doing business with us!
Bank details:
 Bank Name : UNION BANK OF INDIA, T.DASARAHALLI
 Bank Account No. : 166011100003369
 Bank IFSC code : UBIN0816604
 Account holder's name : SRI GURURAGHAVENDRA ENTERPRISES



For, SRI GURURAGHAVENDRA ENTERPRISES

GRN



Security Checked
 Date of receipt: 25/9/23
 Supplier Name: SRI GURURAGHAVENDRA ENTERPRISES
 Type of consumable:
 Brought By:
 Security incharge:

Tax Invoice

SRI GURURAGHAVENDRA ENTERPRISES

NO 37/137, SRI NIDHI TOWER,
OLD CHECK POST , GANESH SAW MILL ROAD, TUMKUR ROAD, T.DASARAHALLI,
BANGALORE-560057

Phone no.: 9880657025, 9449616710 Email: srigururaghavendra@ymail.com

GSTIN: 29APSPR7913Q1ZK, State: 29-Karnataka

Bill To
JMJ EDUCATION SOCIETY (Regd.) ACHARYA HOSTEL
NO.89/90, Soladevanahalli, Hesaraghatta Main Road, Chikbanavara,
Bangalore- 560090

Invoice No. : 338
Date : 23-06-2023
PO Date : 27-01-2023
PO Number : HOS/23/156

#	Item name	HSN/ SAC	Quantity	Unit	Price/ Unit	Taxable amount	CGST	SGST	Amount
1	Annual Maintenance Contract - Solar Water Heater System 27 No. with 216 Panels/Collector	8516	1	Nos	₹ 51,840.00	₹ 51,840.00	₹ 4,665.60 (9%)	₹ 4,665.60 (9%)	₹ 61,171.20
Total						₹ 51,840.00	₹ 4,665.60	₹ 4,665.60	₹ 61,171.20

Tax type	Taxable amount	Rate	Tax amount	Amounts:
SGST	₹ 51,840.00	9%	₹ 4,665.60	Sub Total ₹ 61,171.20
CGST	₹ 51,840.00	9%	₹ 4,665.60	Round off - ₹ 0.20
Total				₹ 61,171.00
Received				₹ 0.00
Balance				₹ 61,171.00

Invoice Amount In Words
Sixty One Thousand One Hundred Seventy One Rupees only

Terms and Conditions
Thanks for doing business with us!
Bank details:
Bank Name : UNION BANK OF INDIA, T.DASARAHALLI
Bank Account No. : 166011100003369
Bank IFSC code : UBIN0816604
Account holder's name : SRI GURURAGHAVENDRA ENTERPRISES



For, SRI GURURAGHAVENDRA ENTERPRISES

GRN
Second half 30% payment of solar water heating system AMC

ACHARYA INSTITUTES DEPT. OF MAINTENANCE
30/6/23

H.P. RAVICHANDRA

GSTIN : 29APSPR7913Q1ZK

SRI GURURAGHAVENDRA ENTERPRISES

MFRS. : SGR SOLAR WATER HEATING SYSTEMS

37/137, Sri Nidhi Tower, Old Check Post,
Ganesha Sawmill Road, T. Dasarahalli,
Tumkur Road, Bengaluru - 560 057.

Mob : 9880657025, 9449616710, E-mail : srigururaghavendra@gmail.com, ravichandrahp5970@gmail.com

Date :

TAX INVOICE / BILL

To, JMJ Education Society (Regd.) Acharya Hostel No. 89/90, Soladevanahalli, Hesaraghatta Main Road, Chikkabanavara Bangalore -560090		Invoice No. 319
GSTIN:		Date: 26.11.2022
		Order No. HOS/22/122
		Date: 01.09.2022

Sl. No	Description	Unit	Qty	Rate	Amount
1	Supplying and Installing Solar Water Heating Storage Tank @ 60+/-5 deg. C, 304 Grade, 1000 lpd 2mm thick SS Tank , 95 Kg inner Tank with Puff Insulation 125 kg per tank, SS Powder Coating Sheet outside with Insulation at Terrace	Nos	5.00	74500.00	372500.00
2	Solar Water Heating System Collector to Tank Hope Pipe 1"	Mtrs	100.00	450.00	45000.00
3	Solar Water Heating System Collector to Tank Hope Clamp 1X	Nos	150.00	22.00	3300.00
4	Providing and Laying 1 1/4" & 1" Pipe CPVC & Jindal	Mtr	75.00	475.00	35625.00
5	Providing and Fixing 1 1/4" & 1" Fittings CPVC Jindal	Nos	65.00	525.00	34125.00
7	Providing and Fixing Gate Valve	Nos.	12.00	950.00	11400.00
8	Providing Teflon tape	Nos.	20.00	30.00	600.00
9	Providing and Fixing Barler Pieces	Nos.	20.00	100.00	2000.00
10	Providing and Fixing Tee 4 way	Nos.	10.00	80.00	800.00
11	Providing Elbow, Color, Tee, etc.	LS			18000.00
12	Labour charges for work	LS			16500.00
13	Crane Lifting	Ls			15000.00
14	Transporation charges	LS			3000.00

(Rupees Six Lakhs Thirty One Thousand Two Hundred Sixty Three only)	Sub Total	557850.00
	Add C GST 9%	50206.50
	Add S GST 9%	50206.50
	By Back old Damaged scrap Tank 9 No X 3000	27000.00
	GRAND TOTAL	631263.00

Note : Payment made in the Name of
Sri Gururaghavendra Enterprises
A/C No. 166011100003369, UNION Bank
IFSC code: UBIN0816604
T. Dasarahalli Branch, Bangalore -560057.

Sri Gururaghavendra Enterprises
Proprietor
H.P. Ravichandra



Security Checked
Date of receipt: 26/11/22
Supplier Name Sri Gururaghavendra Enterprises
Type of consumable Solar Systems
Brought By Ravi Chandra H.P
Security incharge: M. Laksh



AUTHORIZED
Business Partner



Annual Maintenance Contract

Gravity India Technologies Pvt. Ltd. 3484, 4th H Block, 80ft Road, Banashankari 6th stage, Raghuvanahalli Bangalore, Karnataka 560062 Phone No.: +91-8880260000 E-mail: marketing@gravityindia.com	Quotation No. 7437/22-23 1 Mode/Term of Payment 100% Advance along with PO	Date 08/02/2023 Other Ref. New Comprehensive AMC Validity 7 days
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To Acharya Institute of Technology No. 89/90, Soladevanahalli, Hesaraghatta Main Road, Chikbanavara Bangalore, Karnataka, India, 560090 Kind Attn : Mr. Srinivas Email Id : E Purchase@acharya.ac.in Mobile No. : +91-9738845540	Ship To : Acharya Institute of Technology No. 89/90, Soladevanahalli, Hesaraghatta Main Road, Chikbanavara Bangalore Karnataka, India, 560090
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S.No	Description of Goods	HSN/SAC	Qty	Unit	Unit Price	Total Price
	New Comprehensive AMC					
1	Annual Maintenance Charges - AC Towards As Per Annexure. Total TR 409.35*1900=777765/- AMC Period : One Year From The Date Of PO.	998719	1	Nos	7,77,765.00	7,77,765.00
Sub Total						7,77,765.00
CGST 9%						69,998.85
SGST 9%						69,998.85
Total						9,17,762.70

Amount Chargeable (in words) : INR Nine Lakh Seventeen Thousand Seven Hundred Sixty Two and Seventy Paise Only

Signature Details
 Hanumantharaya
 manager - Service Sales
 Cell No: 9886641087
 Email ID: hanmantharaya@gravityindia.com
 Cc: amc@gravityindia.com

PO & PAYMENT NEED TO BE PLACED ON:
 M/s. Gravity India Technologies Pvt. Ltd., No. 7/2, Pipeline West, 3rd Main Road, 3rd Cross, Kasturba Nagar, Mysore Road, Bangalore – 560 026

Bank Details :
 Beneficiary Name : Gravity India Technologies PVT LTD
 Bank Name : CANARA BANK , Account Number : 0414261017313, IFSC CODE : CNRB0000414

Malfunction Reports		
Level1	Level2	Level3
Gravity India Technologies Pvt Ltd, Bangalore. HOT LINE NO: 8880260000. Office No.: 080-26743313 / 14 E mail ID: service@gravityindia.com	Gravity India Technologies Pvt Ltd, Bangalore Manager – Power Services Mr. Sundresh.K.N - 9886310984 E mail ID: sundaresh@gravityindia.com	Gravity India Technologies Pvt Ltd, Bangalore Senior Manager Mr.Prasanna Kumar.M.T - 9886310970 Email: prasannakumar@gravityindia.com

SUPPORT TIMINGS: Peace of Mind: 2hr-Response, 8hr-Resolution.

PM & BREAK DOWN VISITS:
 1.Preventive Maintenance visit (PM: 4) Once in 3 months.
 2.Break Down Visits: Unlimited.

We accept the rates given above and the Terms & Conditions. The rights and obligations of the parties are governed only by this contract / agreement with the Terms & Conditions.

CIN : U31200KA1998PTC023626
 GSTIN : 29AABCG0535C1Z3
 PAN No. : AABCG0535C
 TAN No. : BLRG00926C

For Gravity India Technologies Pvt. Ltd.

Authorized Signature

website - www.gravityindia.com

Tax Invoice
TAX/CREDIT INVOICE

(ORIGINAL FOR RECIPIENT)

SRI BALAJI ELECTRICALS AND INDUSTRIAL SUPPLIERS

No 6 Old No 105, 1st Cross, A M Lane,
Chickpet, Bengaluru-560 053.
GSTIN/UIN: 29AJKPV8289K1ZX
E-Mail: balajielec123@gmail.com

Invoice No: **1153**
Delivery Note
Supplier's Ref.
Buyer's Order No.
Despatch Document No
Despatched through
Terms of Delivery

e-Sugam No
Dated: **10-Oct-2023**
Mode/Terms of Payment
Other Reference(s)
Dated
Delivery Note Date
Destination

Buyer
ACHARYA HOSTEL
Dr. Sarvapalli Radha Krishna Road Acharya Po,
Bangalore 560107
Karnataka, Code : 29

Sl No	Description of Goods	HSN/SAC	GST Rate	Quantity	Rate	per	Disc. %	Amount
1	3kw Fixing Heating Element	8516	18 %	100 Nos	640.00	Nos		64,000.00
								CGST
								5,760.00
								SGST
								5,760.00

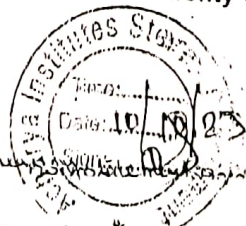
Checked
10/10/2023
Sri Balaji Electricals and Industrial Suppliers
Fixing Heating Element
Kaly.

Amount Chargeable (in words) **100 Nos** **₹ 75,520.00**
INR Seventy Five Thousand Five Hundred Twenty Only
E. & O.E

HSN/SAC	Taxable Value	Central Tax Rate	Central Tax Amount	State Tax Rate	State Tax Amount
8516	64,000.00	9%	5,760.00	9%	5,760.00
Total	64,000.00		5,760.00		5,760.00

Tax Amount (in words) : **INR Eleven Thousand Five Hundred Twenty Only**

Received
K. J. J...



Company's PAN: **AJKPV8289K**

Declaration
We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

Customer's Seal and Signature

for **SRI BALAJI ELECTRICALS AND INDUSTRIAL SUPPLIERS**



Tax Invoice
TAX/CREDIT INVOICE

(ORIGINAL FOR RECIPIENT)

SRI BALAJI ELECTRICALS AND INDUSTRIAL SUPPLIERS
No.6, Old No.105, 1st Cross, A.M.Lane,
Chickpet, Bengaluru-560 053.
GSTIN/UIN: 29AJKPV8289K1ZX
E-Mail : balajielec123@gmail.com

Invoice No **1170** e-Sugam No. **16-Nov-2023**
Dated **16-Nov-2023**
Delivery Note Mode/Terms of Payment
Supplier's Ref Other Reference(s)

Consignee
Acharya Institute of Graduate Studies
No 89/90 Soladevanahalli, Hesarghatta Main Road,
Chicckabanavara Bangalore 560090
Karnataka, Code : 29

Buyer's Order No
Dated
Despatch Document No. **Delivery Note Date**
Despatched through **Destination**

Buyer (if other than consignee)
Acharya Institute of Graduate Studies
No 89/90 Soladevanahalli, Hesarghatta Main Road,
Chicckabanavara Bangalore 560090
Karnataka, Code : 29

Terms of Delivery

Sl No.	Description of Goods	HSN/SAC	GST Rate	Quantity	Rate	per	Disc %	Amount
1	Tubelight Side Holder	8536	18 %	100 Nos	15.00	Nos		1,500.00
2	Tube Light Starter	85369090	18 %	500 Nos	14.00	Nos		7,000.00
3	36w Copper Choke	8504	18 %	100 Nos	333.00	Nos		33,300.00
4	18w Choke	8504	18 %	50 Nos	175.00	Nos		8,750.00
5	2.5 Mfd Capacitor Epcos	85322500	18 %	50 Nos	28.00	Nos		1,400.00
6	36w Tube Light	85393190	18 %	90 Nos	45.00	Nos		4,050.00
								56,000.00
								CGST
								5,040.00
								SGST
								5,040.00
				Total	890 Nos			₹ 66,080.00

Handwritten notes:
Chickpet - 16/11/23
Sri Balaji Electricals
Electricals Items
Mani Gowda
M. Wash

Amount Chargeable (in words)

INR Sixty Six Thousand Eighty Only

Handwritten: 15/11/23

HSN/SAC	Taxable Value		Central Tax		State Tax	
	Value	Rate	Amount	Rate	Amount	
8536	1,500.00	9%	135.00	9%	135.00	
85369090	7,000.00	9%	630.00	9%	630.00	
8504	42,050.00	9%	3,784.50	9%	3,784.50	
85322500	1,400.00	9%	126.00	9%	126.00	
85393190	4,050.00	9%	364.50	9%	364.50	
Total	56,000.00		5,040.00		5,040.00	

Tax Amount (in words) : **INR Ten Thousand Eighty Only**

Company's PAN : **AJKPV8289K**

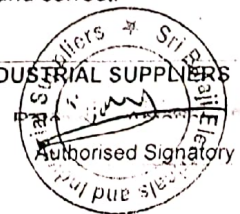
Declaration

We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

Customer's Seal and Signature

for **SRI BALAJI ELECTRICALS AND INDUSTRIAL SUPPLIERS**

Value Rate Amount



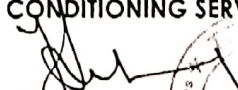
GST # 29AALFT7230J1ZP PAN # AALFT7230J

TAX INVOICE

Billing Address: JMJ EDUCATION SOCIETY (REGD.) ACHARYA INSTITUTE OF TECCHNOLOGY No.89/90, Soladevanahalli, Hesaraghatta Main Road, Chikkabanavara, BENGALURU-560 090		Tax Invoice No: 057/2021-22
SITE LOCATION/DELIVERY ADDRESS : JMJ EDUCATION SOCIETY (REGD.) ACHARYA INSTITUTE OF TECHNOLOGY, No.89/90, Soladevanahalli, Hesaraghatta Main Road, Chikkadevanahalli, BENGALURU-560 090		Tax Invoice Date : 08/02/2022 Customer PAN # Customer CIN : Customer GSTIN: URL
Customer Reference :- PO # AIT/22/506 dt.05-02-2022		Terms of Payment : 40% Advance along with PO, 40% after completion of Six months & Final 20% amount after completion of 12months within 30 days GST Category : Erection, Commissioning & Installation.
Our Reference : Job No. AMC # 15/2021-22		

Sl.No	Description	HSN Code	UOM	Qty.	Rate	AMOUNT
1	Comprehensive Annual Maintenance Contract (CAMC) - DX Unit ACHARYA INSTITUTE OF TECCHNOLOGY CAMC Period from 05-02-2022 to 04-02-2023 & PO Valve Rs.707000/- . BILLED for 40% Value of PO	995469	Year	1	282,800	282,800.00
SUB TOTAL (INR)						282,800.00
GST on Goods/Services - CGST 9%						25,452.00
GST on Goods/Services - SGST 9%						25,452.00
Grand Total With Tax						₹ 333,704.00

RUPEES THREE LAKH THIRTYTHREE THOUSAND SEVEN HUNDRED & FOUR ONLY

OUR BANK DETAILS: CANARA BANK HAL II Stage Branch, A/c # 0415261010364 IFSC Code # CNRB0000415	For TRIARC ENGINEERING & AIR CONDITIONING SERVICES  AUTHORISED SIGNATORY
---	--

TAX INVOICE

MERAKII 46 ENTERPRISES

#1, 1/7-1 Old No. 134 - B, New Municipal No. 116, 2nd Floor,
2nd Main Road, Vijaynagar Layout (Azad Nagar),
Chamrajpet, Bangalore, Karnataka - 560018

State Code: 29

GSTIN: 29BTYPR6873C1ZP PAN No.: BTYPR6873C

Phone: 80959 64646 Email: m46.enterprises@gmail.com

Invoice No : 052
Invoice Date : 09/11/2022
Purchase Order No : HOS/22/138
D.C. No. :
D.C. Date :
E-WAY Bill No :

To,
IMJ EDUCATION SOCIETY (REGD.)
ACHARYA HOSTEL,,
NO. 89/90, SOLADEVANAHALLI, HESARAGHATTA MAIN
ROAD, CHIKBANAVARA,
BANGALORE, KARNATAKA 560090
INDIA
State Code: 29

Delivery To/Work Site:
IMJ EDUCATION SOCIETY (REGD.)
ACHARYA HOSTEL,,
NO. 89/90, SOLADEVANAHALLI, HESARAGHATTA MAIN ROAD,
CHIKBANAVARA,
BANGALORE, KARNATAKA 560090
INDIA
State Code: 29

Sl.	HSN	Description of Goods	QTY	UNIT	RATE	DISC	GST %	AMOUNT
1	9405	LED BATTEN 6500K 20W 4FT PHILIPS ✓	100	NOS	230.00	0.00	18.0% GST	23,000.00
2	9405	LED BATTEN 6500K 5W 1FT HAVELLS ✓	50	NOS	185.00	0.00	18.0% GST	9,250.00

Delivery To/Work Site:

Security Checked
Date of receipt: 9/11/22
Supplier Name: Merakii 46 Enterprises
Type of consumer: Thebelights & Blubs
Brought By: Kumar
Security Charge: Nil

Remarks:

Payment within **DUE ON RECEIPT** Days Due on:
09/11/2022

Rupees : Rupees Thirty Eight Thousand and Fifty Five Only

Taxable Total	32,250.00
Discount	
CGST @ 9%	2,902.50
SGST @ 9%	2,902.50
Round Off	
Grand Total	38,055.00

Terms & Conditions:

1. Goods once sold cannot be taken back or exchanged.
2. We will not be responsible for any damage or loss during transit.
3. Interest at 21% p.a. will be charged from date of supply if the bill is not paid as per agreed terms from where no agreement exists within 7 days from the date of supply.
4. Subject to BANGALORE Jurisdiction.

We declare that this invoice shows the actual price of goods described and that all particulars are true and correct.

Customer's Seal, Signature & Mobile No.

MERAKII 46 ENTERPRISES

AUTHORISED SIGNATORY

This is computer generated Invoice.

TAX INVOICE

MERAKII 46 ENTERPRISES

#1, 1/7-1 Old No. 134 - B, New Municipal No. 116, 2nd Floor,
2nd Main Road, Vijaynagar Layout (Azad Nagar),
Chamrajpet, Bangalore, Karnataka - 560018
State Code: 29
GSTIN: 29BTYPR6873C12P PAN No.: BTYPR6873C
Phone: 80959 64646 Email: m46.enterprises@gmail.com

Invoice No: 061
Invoice Date: 22/12/2022
Purchase Order No: BY MAIL CONFIRMATION
D.C. No.:
D.C. Date:
E-WAY Bill No.:

To:
JMJ EDUCATION SOCIETY (REGD.)
ACHARYA HOSTEL,
NO. 89/90, SOLADEVANAHALLI, HESARAGHATTA MAIN
ROAD, CHIKBANAVARA,
BANGALORE, KARNATAKA 560090
INDIA
State Code: 29

Delivery To/Work Site:
JMJ EDUCATION SOCIETY (REGD.)
ACHARYA HOSTEL,
NO. 89/90, SOLADEVANAHALLI, HESARAGHATTA MAIN ROAD
CHIKBANAVARA,
BANGALORE, KARNATAKA 560090
INDIA
State Code: 29

Sl.	HSN	Description of Goods	QTY	UNIT	RATE	DISC	GST %	AMOUNT
1	8516	3KW ELEMENT SOLAR	50	NOS	650.00	0.00	18.0% GST	32,500.00
2	8516	THERMOSTAT	50	NOS	150.00	0.00	18.0% GST	7,500.00

Phone: 80959 64646 Email: m46.enterprises@gmail.com

E-WAY Bill No.

Security Checked
Date of receipt: 22/12/2022
Supplier Name: Merakii 46 Enterprises
Type of consignment: Element Solar / Thermostat
Brought By: [Signature]
Security in charge: [Signature]



Remarks:
Payment within DUE ON RECEIPT Days Due on:
22/12/2022
Rupees : Rupees Forty Seven Thousand and Two Hundred
Only

Taxable Total	40,000.00
Discount	
CGST @ 9%	3,600.00
SGST @ 9%	3,600.00
Round Off	0.00
Grand Total	47,200.00

Terms & Conditions:
1. Goods once sold cannot be taken back or exchanged
2. We will not be responsible for any damage or loss during transit.
3. Interest at 21% p.a. will be charged from date of supply if the bill is not paid as per agreed terms from where no agreement exists within 7 days from the date of supply.
4. Subject to BANGALORE Jurisdiction.
We declare that this invoice shows the actual price of goods described and that all particulars are true and correct.

Customer's Seal, Signature & Mobile No.

MERAKII 46 ENTERPRISES
AUTHORISED SIGNATORY



JMJ EDUCATION SOCIETY (Regd.)

ACHARYA

B.M. REDDY
President

B. PREMMATH REDDY
Secretary

PURCHASE ORDER

Invoice To JMJ EDUCATION SOCIETY #89& 90, SOLADEVANAHALLI BANGALORE - 560107 E-Mail : purchase@acharya.ac.in Supplier Reflections No. 149/A, 1st Floor Shoba, 10th Main Road, Rajmasadas, Bangalore - 560080 Ph No- 080 23615604 M- Mo. 9042090730 Mr. Sharazath Basha	Voucher No. JMJ/17-18/58	Dated 18-Aug-2017
	Supplier's Ref./Order No. JMJ/17-18/58	Mode/Terms of Payment 30% Advance and 70 % Against Delivery. Other Reference(s)
	Despatch through	Destination Central Library.
	Terms of Delivery 1. Tax Are Included in Total Amount. 2. Delivery Immediate. 3. Transportation Charges Are Included In Total Amount.	

Sl No	Description of Goods	Quantity	Rate	per	Disc. %	Amount
1	Supply of LED Orient Make Light Fixture BOQ: Enclosed	1.00	lumsum	9,87,475.00	lumsum	9,87,475.00
Total						1.00 lumsum

Amount Chargeable (in words)

INR Nine Lakh Eighty Seven Thousand Four Hundred
Seventy Five Only

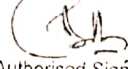
₹ 9,87,475.00

E. & O.E

Remarks:

The bill may be prepared in favor of the Secretary, J.M.J
Education Society®, and Bangalore and sent to this office
for arranging payment and acknowledge receipt of this
order.

for JMJ EDUCATION SOCIETY


Authorised Signatory

S. No.	Product code	Product Specification	Unit	Qty	Rate	Amount
1	CLPLR - 6 - R	1 x 6W LED . round recessed mounted Luminaries Downlight The fitting should be with suitable Electronic control gear & including necessary accesories .	Nos	42	432.00	18144.00
2	LDRVS-15-C	15W LED ,Spot Light fixture.The fixture comes with die cast aluminium housing ,ABS ring & opal diffuser for glare-free light.	Nos	185	1147.00	212195.00
3	CLPLS-18-R	1 x 18W LED . round surface mounted Luminaries Downlight The fitting should be with suitable Electronic control gear & including necessary accesories .	Nos	13	1175.00	15275.00
4		similar to Havels - Myriad Pendant Surface mounted	Nos	16	11825.00	189200.00
5	LTRAQ - 36-C	36W LED, 600mm x 600mm, Recess mounted Luminaries with back-Lit LED with large sized opal diffuser and with Electronic Control Drive .	Nos	68	2750.00	187000.00
6	CLPLR-18-60-SQ	LED flat Panel Slim 18W-Square 215x215 6000k	Nos	14	810.00	11340.00
7	LTRAQ(a) - 36-C	36W LED, 150mm x 1200mm, Recess mounted Luminaries with back-Lit LED with large sized opal diffuser and with Electronic Control Drive .	Nos	32	3985.00	127520.00
8		wall uplight fixture	Nos	22	5500.00	121000.00
		TOTAL				881674.00
		Taxes			GST 12%	105800.88
		G.Total				987474.88

Indhu

RL



JMJ EDUCATION SOCIETY (Regd.)

ACHARYA

B.M. REDDY

President

B. PREMNATH REDDY

Secretary

PURCHASE ORDER

Invoice To JMJ EDUCATION SOCIETY #39& 90, SOLADEVANAHALLI BANGALORE - 560107 E-Mail : purchase@acharya.ac.in	Voucher No. JM/J/17-18/85	Dated 18-Sep-2017
Supplier Reflections No. 148/A, 1st Floor Shop, 70th Main Road, Rajmangalak, Bangalore - 560060. Ph No- 080 23515924 M- NO. M- Mo. 9042000730 Mr. Shreezath Gasha	Supplier's Ref./Order No. JM/J/17-18/85	Mode/Terms of Payment 100% Against Delivery. Other Reference(s)
	Despatch through	Destination AIT Mechanical Seminar Hall.
	Terms of Delivery 1. GST Inclusive in Total Amount. 2. Delivery Immediate. 3. Transportation Charges Are Included in Total Amount.	

Sl No.	Description of Goods	Quantity	Rate	per	Disc. %	Amount
1.	Garnet Square Surface Panel 18w LED D621865 (Wipro)	25.00 Nos	1,475.00	Nos		36,875.00
Total						₹ 36,875.00

Amount Chargeable (in words)

INR Thirty Six Thousand Eight Hundred Seventy Five Only

E. & O.E

Remarks:

The bill may be prepared in favor of the Secretary, J.M.J Education Society®, and Bangalore and sent to this office for arranging payment and acknowledge receipt of this order.

for JMJ EDUCATION SOCIETY

Authorised Signatory



JMJ EDUCATION SOCIETY (Regd.)
ACHARYA INSTITUTES



Acharya Dr. Sarvepalli Radhakrishnan Road, Soldevanahalli, Hesaraghatta Main Rd, Bangalore 560 090, Karnataka, India • www.acharya.ac.in
• Ph: +91 80 283 960 11, 283 764 31 • Fax: +91 80 237 002 42 • E-mail: info@acharya.ac.in

Purchase Order

Information				Supplier Details			
P.O No:	PO/JMJ/14-15/179	Visit Us :	www.acharya.ac.in	Patel Trading Corporation			
P.O Date:	24/03/2015	Q/In Ref No :	DA/14-15/12R	#85/1, 1st floor, 1st main road, 3rd cross, New Timber Yard Layout,			
E-mail :				Bangalore			
LED Light fixtures for Central Library Block(Phase I)				India-560 026			
SL. No	Description	Dis %	Qty	Tax	Unit Price	Total (INR)	
1	LED Down Light fixtures	0.00	1 Set	VAT14.5	823,851.00	823,851.00	
Discount						823,851.00	
P. & F. :						0.00 %	
Bouding Off						----	
Tax						----	
Total						119,358.10	
Total (in Words)						Rupees Nine lakhs forty three thousand three hundred and nine only	

Terms & Conditions

1. Payment Term: Within 90 days from the date of delivery.
2. Taxes: As indicated in the above table.
3. Delivery: Within 4-6 weeks from the date of PO.
4. Transportation: Inclusive in total amount.
5. Warranty : 3 years on manufacturing defects from the date of commissioning.

Encl :BOQ

The bill may be prepared in favor of the Secretary, J.M.J Education Society®, Bangalore and sent to this office for arranging payment and acknowledge receipt of this order.

[Signature]

Prepared By

Approved By

For ACHARYA INSTITUTES

[Signature]
94/3/15
Authorized Signatory

BOQ					
Sl no	Product code	Product Specification	LGF - Qty	Unit Price	Amount
1	CLPLR - 6 - R	1 x 6W LED . round recessed mounted Luminaries Downlight The fitting should be with suitable Electronic control gear & including necessary accesories .	29	659.00	19111.00
2	LDRMS - 15 - C	15W LED .Spot Light fixture.The fixture comes with die cast aluminium housing .ABS ring & opal diffuser for glare-free light.	66	1147.00	75702.00
3	LFGM-045-C	High efficiency LED floodlight luminaire	32	5635.00	180320.00
4		similar to Havels - Myriad Pendant Surface mounted	16	11825.00	189200.00
5	LTRAQ - 36-C	36W LED, 600mm x 600mm. Recess mounted Luminaries with back-Lit LED with large sized opal diffuser and with Electronic Control Drive .	36	3985.00	143460.00
6	LTRAQ(a) - 36-C	36W LED, 150mm x 1200mm. Recess mounted Luminaries with back-Lit LED with large sized opal diffuser and with Electronic Control Drive .	45	3985.00	179325.00
7	CLPLS-12-SQ	1 x 12W LED . Square surface mounted Luminaries Downlight The fitting should be with suitable Electronic control gear & including necessary accesories .	26	1118.00	29068.00
8	CLPLS-18-SQ	1 x 18W LED . Square surface mounted Luminaries Downlight The fitting should be with suitable Electronic control gear & including necessary accesories .	5	1533.00	7665.00
		Sub total			823851.00
		Vat @ 14.5%			119458.40
		Total			943309.40

Handwritten signature and date
 2/1/2017

TIN : 29230121378
 CST: 9105145-9 Dt: 12-7-1982



TAX INVOICE

PATEL TRADING CORPORATION

H.O.: # 57/3, Sadar Patrappe Road (Behind S.J. Park Road), BANGALORE - 560 002.
 Ph: 41247775, 41247770, 41247774 Fax: 080 - 2224 5315 E-mail: abp@vsnl.net www.pateltrading.in
 B.O.: # 85/1, 3rd Cross, New Timber Yard Layout, Bangalore - 560026. Ph: 26754571 / 26754573

To
JMJ EDUCATION SOCIETY
ACHARYA INSTITUTES
ACHARYA DR. SARVEPALLI RADHAKRISHNAN ROAD
SOLDEVANAHALLI, HESARAGHATTA MAIN ROAD
BANGALORE-560090
PH:-28396011/28374431
MOB:-9739017174
TIN No
CST No :

INVOICE No : 04/EL/0105 Dt: 8-Apr-2015
P.O.No & Date : PO/JMJ/14-15/0179--24-Mar-2015
L.R. No. & Date
CARRIER
D.C. No. & DATE

Sl No	Item Description	Qty	Units	Rate	Amount	Disc	Net Amount
1	ORIENT-LED LIGHTS LDRMS-15C MARS 15W LED 6000K	66	NOS	1,147.00	75,702.00		75,702.00
2	ORIENT-LED LIGHTS LTRAQ-36 -C AQUA 36W LED 2' X 2'	36	NOS	3,985.00	1,43,460.00		1,43,460.00
3	ORIENT LED LIGHTS CLFLS-18-60-SQ ETERNAL SQUARE PANEL SURFACE 18W	5	NOS	1,533.00	7,665.00		7,665.00
Sub Total							2,26,827.00

VAT COLLN. (OUT PUT 14.5% TAX)

32,889.92

Other Charges

0.08

Total

2,59,717.00

INR Two Lakh Fifty Nine Thousand Seven Hundred Seventeen Only

Remarks :

E-Sugam NO:- 61183661905

*[Slvo - 02, 05 & 08] the above light fixtures are for
of PO are Recd] "Central Library Interiors" and entered in central
store stocks.*

after PO : PO/JMJ/14-15/179 dt 24.03.2015.

Terms & Conditions

1. Subject to Bangalore Jurisdiction
2. Any Discrepancy should be intimated within 24 Hrs From the Date of Receipt of Goods
3. Interest @ 24% P.A. will be Charged From Due Date of Agreed Terms of Payment
4. Payment
5. Goods once sold cannot be taken back or Exchanged.

Received the above goods in good condition

Receivers Signatures with seal

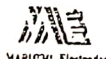
[Signature]
 09/04/2015
 (Project)

For PATEL TRADING CORPORATION

AUTHORISED SIGNATURE

E & O.E.

Authorised Dealers



Equipment / Articles received in good condition
and taken to stock vide Vol. I

Page 45 on 8415

Principal / Head of Department

Store incharge

TAX INVOICE

PATEL TRADING CORPORATION

H.O.: # 57/3, Sadar Patrappe Road (Behind S.J. Park Road), BANGALORE - 560 002.
 Ph : 41247775, 41247770, 41247774 Fax : 080 - 2224 5315 E-mail : abp@vsnl.net www.pateltrading.in
 B.O.: # 85/1, 3rd Cross, New Timber Yard Layout, Bangalore - 560026. Ph : 26754571 / 26754573

To
JMJ EDUCATION SOCIETY
 ACHARYA INSTITUTES
 ACHARYA DR. SARVEPALLI RADHAKRISHNAN ROAD
 SOLDEVANAHALLI, HESARAGHATTA MAIN ROAD
 BANGALORE-560090
 PH:-28396011/28374431
 MOB:-9739017174
 TIN No :
 CST No :

INVOICE No : 04/ELJ/00784 Dt: 30-May-2015
 P.O.No & Date : PO/JMJ/14-15/0179---24-Mar-2015
 L.R. No. & Date
 CARRIER
 D.C. No. & DATE

Sl No	Item Description	Qty	Units	Rate	Amount	Disc	Net Amount
1	ORIENT-LED LIGHTS CLPLR-06-60 RO ETERNAL ROUND PANEL RECESS 6W 6000K	29	NOS	659.00	19,111.00		19,111.00
2	ORIENT-LED LIGHTS LFGM-045C GAMMA 45W LED FLOODLIGHT 5000K	32	NOS	5,635.00	1,80,320.00		1,80,320.00
3	ORIENT LED LIGHTS LTRAQ-36C 150X1200MM 36W 6000K	45	NOS	3,985.00	1,79,325.00		1,79,325.00
4	ORIENT LED LIGHTS CLPLS-12-60-SQ BTERNAL SQUARE PANEL 12W 6000K	26	NOS	1,118.00	29,068.00		29,068.00
Sub Total							4,07,824.00

VAT COLLN. (OUT PUT 14.5% TAX) 59,134.48

Total 4,66,958.48

NR Four Lakh Sixty Six Thousand Nine Hundred Fifty Eight and Forty Eight paise Only

Remarks: E. Suggam NO: 61714598241

Conditions:
 Bangalore Jurisdiction
 Policy should be intimated within 24 Hrs From the Date of Receipt of Goods
 % P.A. will be Charged From Due Date of Agreed Terms of Payment

Goods sold cannot be taken back or Exchanged.
 Goods above goods in good condition
 Signatures with seal

For PATEL TRADING CORPORATION

Alha.
 AUTHORIZED SIGNATURE

Authorized Dealers



Equipment / Articles received in good condition
and taken to stock vide Vol.....I.....
Page...49..... on:.....30/3/15.....

Principal / Head of Department

Store Incharge

These light fixtures are for "Central library"
as per PO NO : PO/JMO/14-15/179 dt 24/03/15.

J. J. J.
03/06/15
(Projector)



B. Management of the various types of degradable and nondegradable waste

Sl. No.	Related Documents
1.	Policy Documents
2.	E-waste Management and Recycling
3.	Bio – Medical Waste Management
4.	Liquid Waste Management
5.	Dry Waste Management
6.	Sanitary Napkin Disposal Machine in Women’s Rest Rooms
7.	Bills and Invoices

ACHARYA & BM REDDY COLLEGE OF PHARMACY, Bengaluru-560107

[Affiliated to Rajiv Gandhi University of Health Sciences, Approved by PCI, Accredited by NAAC and
Recognized by SIRO, Ministry of Science &Technology, Govt. of India]



Policy Documents

ACHARYA & BM REDDY COLLEGE OF PHARMACY

Acharya Dr. Sarvepalli Radhakrishnan Road, Soladevanahalli, Bengaluru -560 107, India



POLICY ON MANAGEMENT OF THE VARIOUS TYPES OF DEGRADABLE AND NONDEGRADABLE WASTE

SOP No. AI/ABMRCP/AD/007	Version No: 003	Owner: Principal ABMRCP	Page 1 of 8
Date of issue: Jun 2018	Review date: Jun 2021	Applicability: All Staff & Students	

1. Introduction
2. Purpose
3. Scope
4. Objectives
5. Responsibilities

1. Introduction:

Managing degradable and non-degradable waste within Acharya Institutions is a crucial step towards fostering environmental consciousness, promoting sustainability, and setting an example for responsible waste management practices. Educational institutions, such as schools, colleges, and universities, generate various types of waste, including paper, food scraps, plastics, and electronic devices, among others. Effectively managing these waste streams is vital to minimize environmental impact and instill eco-friendly behaviors among students and staff.

Acharya Institution play a pivotal role in shaping future generations' environmental attitudes and behaviors. By implementing effective waste management strategies, these institutions not

Prepared by	Approved by	Cleared for issue
-sd-	-sd-	A red rectangular stamp with the words "CONTROLLED COPY" in bold, uppercase letters.
Policy Drafting Committee	Management	Head, Quality Assurance, Acharya Institutes

ACHARYA & BM REDDY COLLEGE OF PHARMACY

Acharya Dr. Sarvepalli Radhakrishnan Road, Soladevanahalli, Bengaluru -560 107, India



POLICY ON MANAGEMENT OF THE VARIOUS TYPES OF DEGRADABLE AND NONDEGRADABLE WASTE

SOP No. AI/ABMRCP/AD/007	Version No: 003	Owner: Principal ABMRCP	Page 2 of 8
Date of issue: Jun 2018	Review date: Jun 2021	Applicability: All Staff & Students	

only contribute to a cleaner environment but also instill a sense of responsibility and sustainability in students, preparing them to become environmentally conscious global citizens.

2. Purpose:

The purpose of managing various types of degradable and nondegradable waste at educational institutions serves multiple critical objectives:

- **Environmental Conservation:**

Reduction of Environmental Impact: Proper waste management practices help reduce the environmental impact caused by waste disposal, such as pollution, soil contamination, and greenhouse gas emissions.

Preservation of Natural Resources: Managing waste, especially through recycling and reusing materials, helps conserve natural resources by decreasing the need for new raw materials.

Protection of Ecosystems: Effective waste management prevents harmful substances from contaminating soil, water bodies, and the atmosphere, safeguarding local ecosystems and biodiversity.

- **Education and Awareness:**

Promoting Environmental Education: Managing waste at educational institutions provides a practical platform to educate students and staff about environmental issues, waste reduction, recycling, and the importance of sustainable practices.

Fostering Responsible Behavior: By engaging in waste management activities, educational institutions instill responsible waste-handling behaviors in students, encouraging them to become environmentally conscious citizens and future leaders.

Prepared by	Approved by	Cleared for issue
-sd-	-sd-	A red rectangular stamp with the text 'CONTROLLED COPY' in bold, uppercase letters.
Policy Drafting Committee	Management	Head, Quality Assurance, Acharya Institutes

ACHARYA & BM REDDY COLLEGE OF PHARMACY

Acharya Dr. Sarvepalli Radhakrishnan Road, Soladevanahalli, Bengaluru -560 107, India



POLICY ON MANAGEMENT OF THE VARIOUS TYPES OF DEGRADABLE AND NONDEGRADABLE WASTE

SOP No. AI/ABMRCP/AD/007	Version No: 003	Owner: Principal ABMRCP	Page 3 of 8
Date of issue: Jun 2018	Review date: Jun 2021	Applicability: All Staff & Students	

- **Cost Reduction and Efficiency:**

Minimizing Operational Costs: Implementing effective waste management strategies, such as recycling and waste reduction programs, can reduce waste disposal costs for educational institutions.

Resource Optimization: Proper management of waste resources allows educational institutions to optimize their use of materials, leading to more efficient operations and cost savings in the long term.

- **Social Responsibility and Leadership:**

Setting an Example: Educational institutions serve as role models in the community by demonstrating responsible waste management practices, inspiring others to adopt similar environmentally friendly behaviors.

Social Impact: By actively participating in waste management initiatives, institutions contribute positively to the local community, fostering a culture of environmental stewardship and social responsibility.

- **Compliance and Regulations:**

Meeting Legal Requirements: Managing waste in compliance with local, regional, and national waste management regulations ensures that educational institutions meet legal obligations regarding waste handling, disposal, and environmental protection.

Supporting Sustainable Development Goals: Aligning waste management practices with global sustainability goals, such as those outlined in the United Nations Sustainable Development Goals (SDGs), contributes to broader efforts for a sustainable future.

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Policy Drafting Committee	Management	Head, Quality Assurance, Acharya Institutes

ACHARYA & BM REDDY COLLEGE OF PHARMACY

Acharya Dr. Sarvepalli Radhakrishnan Road, Soladevanahalli, Bengaluru -560 107, India



POLICY ON MANAGEMENT OF THE VARIOUS TYPES OF DEGRADABLE AND NONDEGRADABLE WASTE

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3. Scope:

The scope of managing various types of degradable and nondegradable waste at Acharya Institutions is extensive and encompasses diverse aspects of waste management, sustainability, education, and community engagement.

4. Objectives:

Managing various types of degradable and nondegradable waste at educational institutions involves several key objectives aimed at achieving environmental sustainability, educational advancement, resource optimization, and societal impact. Here are the primary objectives:

➤ Environmental Objectives:

Waste Reduction: Minimize the volume of waste generated within the institution by implementing strategies such as source reduction, reuse, and recycling.

Environmental Protection: Prevent pollution and minimize environmental impact by responsibly managing both degradable and nondegradable waste to safeguard ecosystems, soil, water, and air quality.

Resource Conservation: Promote the conservation of natural resources by recycling materials and reducing dependence on raw materials, thereby mitigating environmental degradation.

Promotion of Sustainable Practices: Foster a culture of sustainability by demonstrating responsible waste management practices that support long-term environmental health.

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➤ Educational and Awareness Objectives:

Environmental Education: Use waste management as an educational tool to teach students about environmental stewardship, sustainable living, and the importance of waste reduction.

Promoting Responsible Behavior: Encourage responsible waste handling behaviors among students, faculty, and staff, creating a community that values sustainability.

Raising Awareness: Conduct workshops, campaigns, and educational programs to raise awareness about waste management's significance and its impact on the environment.

➤ Operational Efficiency and Cost Reduction:

Optimizing Resources: Efficient waste management reduces operational costs by minimizing waste disposal expenses and optimizing the use of resources.

Waste-to-Energy Initiatives: Explore waste-to-energy technologies to convert non-recyclable waste into energy, contributing to sustainable energy practices and cost savings.

➤ Social Responsibility and Leadership:

Setting an Example: Act as a role model within the community by demonstrating effective waste management practices, inspiring others to adopt similar environmentally friendly behaviors.

Community Engagement: Engage with the local community through collaborative initiatives, such as recycling events or educational programs, to promote environmental awareness and shared responsibility.

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➤ Compliance and Sustainable Development:

Regulatory Compliance: Adhere to waste management regulations and standards to ensure responsible waste handling and environmental protection within legal frameworks.

Supporting Sustainable Development Goals: Align waste management practices with broader sustainability goals, such as those outlined in the Sustainable Development Goals (SDGs), contributing to global efforts for a sustainable future.

5. Responsibilities:

. Managing various types of degradable and nondegradable waste at educational institutions entails several responsibilities that contribute to environmental stewardship, sustainability, and fostering a culture of responsible waste management. Here are the key responsibilities:

➤ Waste Segregation and Collection:

Implementing Segregation Systems: Establishing systems for proper segregation of degradable (organic waste) and nondegradable waste (plastics, metals, glass, etc.) at the source to facilitate efficient handling and recycling.

Efficient Collection Methods: Organizing and maintaining waste collection systems within the institution, including designated bins for different types of waste and ensuring regular and appropriate waste pickups.

➤ Recycling and Reuse Initiatives:

Establishing Recycling Programs: Setting up comprehensive recycling programs for paper, plastics, glass, metals, and other recyclable materials to divert waste from landfills and promote resource conservation.

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Promoting Reuse: Encouraging the reuse of materials wherever possible, such as implementing policies for using both sides of paper or utilizing refillable bottles instead of disposable ones.

➤ Organic Waste Management:

Composting Programs: Creating and managing composting facilities or partnering with composting services to handle organic waste, turning it into nutrient-rich compost for landscaping or agricultural use.

➤ Hazardous Waste Handling:

Safe Disposal Protocols: Implementing specific protocols for the safe disposal of hazardous waste materials like chemicals, electronic waste, batteries, etc., in compliance with environmental regulations.

➤ Educational Integration and Awareness:

Curriculum Integration: Incorporating waste management and sustainability concepts into the educational curriculum to educate students and staff about environmental conservation and responsible waste practices.

Awareness Campaigns: Conducting workshops, seminars, and awareness campaigns to raise awareness among students, staff, and the wider community about the importance of waste management and environmental stewardship.

➤ Technology and Innovation:

Exploring Sustainable Technologies: Researching and adopting innovative technologies and solutions for waste management, such as waste-to-energy systems or advanced recycling methods.

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➤ Community Engagement and Social Responsibility:

Community Involvement: Engaging the local community through collaborative initiatives, like organizing clean-up drives, recycling events, or educational programs, to foster a sense of shared responsibility towards waste management.

Leading by Example: Setting an example for other institutions and the community by demonstrating effective waste management practices and promoting environmentally friendly behaviors.

➤ Compliance and Sustainability Goals:

Adhering to Regulations: Ensuring compliance with local waste management regulations and standards to operate responsibly within legal frameworks.

Supporting Sustainable Objectives: Aligning waste management practices with global sustainability goals, such as those outlined in the Sustainable Development Goals (SDGs), to contribute to broader sustainability efforts.

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1. Introduction
2. Purpose
3. Scope
4. Objectives
5. Responsibilities
6. Procedure

1. Introduction:

Managing degradable and non-degradable waste within Acharya Institutions is a crucial step towards fostering environmental consciousness, promoting sustainability, and setting an example for responsible waste management practices. Educational institutions, such as schools, colleges, and universities, generate various types of waste, including paper, food scraps, plastics, and electronic devices, among others. Effectively managing these waste streams is vital to minimize environmental impact and instill eco-friendly behaviors among students and staff.

Acharya Institution play a pivotal role in shaping future generations' environmental attitudes and behaviors. By implementing effective waste management strategies, these institutions not

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only contribute to a cleaner environment but also instill a sense of responsibility and sustainability in students, preparing them to become environmentally conscious global citizens.

2. Purpose:

The purpose of managing various types of degradable and nondegradable waste at educational institutions serves multiple critical objectives:

- **Environmental Conservation:**

Reduction of Environmental Impact: Proper waste management practices help reduce the environmental impact caused by waste disposal, such as pollution, soil contamination, and greenhouse gas emissions.

Preservation of Natural Resources: Managing waste, especially through recycling and reusing materials, helps conserve natural resources by decreasing the need for new raw materials.

Protection of Ecosystems: Effective waste management prevents harmful substances from contaminating soil, water bodies, and the atmosphere, safeguarding local ecosystems and biodiversity.

- **Education and Awareness:**

Promoting Environmental Education: Managing waste at educational institutions provides a practical platform to educate students and staff about environmental issues, waste reduction, recycling, and the importance of sustainable practices.

Fostering Responsible Behavior: By engaging in waste management activities, educational institutions instill responsible waste-handling behaviors in students, encouraging them to become environmentally conscious citizens and future leaders.

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Resource Optimization: Proper management of waste resources allows educational institutions to optimize their use of materials, leading to more efficient operations and cost savings in the long term.

- **Social Responsibility and Leadership:**

Setting an Example: Educational institutions serve as role models in the community by demonstrating responsible waste management practices, inspiring others to adopt similar environmentally friendly behaviors.

Social Impact: By actively participating in waste management initiatives, institutions contribute positively to the local community, fostering a culture of environmental stewardship and social responsibility.

- **Compliance and Regulations:**

Meeting Legal Requirements: Managing waste in compliance with local, regional, and national waste management regulations ensures that educational institutions meet legal obligations regarding waste handling, disposal, and environmental protection.

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Efficient Collection Methods: Organizing and maintaining waste collection systems within the institution, including designated bins for different types of waste and ensuring regular and appropriate waste pickups.

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Establishing Recycling Programs: Setting up comprehensive recycling programs for paper, plastics, glass, metals, and other recyclable materials to divert waste from landfills and promote resource conservation.

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Promoting Reuse: Encouraging the reuse of materials wherever possible, such as implementing policies for using both sides of paper or utilizing refillable bottles instead of disposable ones.

➤ Organic Waste Management:

Composting Programs: Creating and managing composting facilities or partnering with composting services to handle organic waste, turning it into nutrient-rich compost for landscaping or agricultural use.

➤ Hazardous Waste Handling:

Safe Disposal Protocols: Implementing specific protocols for the safe disposal of hazardous waste materials like chemicals, electronic waste, batteries, etc., in compliance with environmental regulations.

➤ Educational Integration and Awareness:

Curriculum Integration: Incorporating waste management and sustainability concepts into the educational curriculum to educate students and staff about environmental conservation and responsible waste practices.

Awareness Campaigns: Conducting workshops, seminars, and awareness campaigns to raise awareness among students, staff, and the wider community about the importance of waste management and environmental stewardship.

➤ Technology and Innovation:

Exploring Sustainable Technologies: Researching and adopting innovative technologies and solutions for waste management, such as waste-to-energy systems or advanced recycling methods.

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➤ Community Engagement and Social Responsibility:

Community Involvement: Engaging the local community through collaborative initiatives, like organizing clean-up drives, recycling events, or educational programs, to foster a sense of shared responsibility towards waste management.

Leading by Example: Setting an example for other institutions and the community by demonstrating effective waste management practices and promoting environmentally friendly behaviors.

➤ Compliance and Sustainability Goals:

Adhering to Regulations: Ensuring compliance with local waste management regulations and standards to operate responsibly within legal frameworks.

Supporting Sustainable Objectives: Aligning waste management practices with global sustainability goals, such as those outlined in the Sustainable Development Goals (SDGs), to contribute to broader sustainability efforts.

6. Procedure

Formation of Waste Management Committee:

Establish a Waste Management Committee comprising representatives from various university departments, including facilities management, sustainability, health and safety, and student organizations.

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Appointment of Waste Management Coordinator:

Appoint a Waste Management Coordinator responsible for overseeing the implementation of waste management procedures, coordinating with the Waste Management Committee, and ensuring compliance with waste regulations.

Waste Assessment:

Conduct a comprehensive waste assessment to understand the types and quantities of waste generated on campus.

Categorize waste into degradable (organic) and non-degradable (inorganic) types.

Development of Waste Management Policies:

Collaborate with the Waste Management Committee to develop clear and comprehensive waste management policies that outline standards, responsibilities, and procedures.

Ensure alignment with local waste management regulations and sustainability goals.

Waste Segregation:

Implement a campus-wide waste segregation program to separate degradable and non-degradable waste at the source.

Provide easily identifiable and properly labeled bins for different types of waste.

Waste Collection System:

Design and implement an efficient waste collection system that considers the volume and frequency of waste generation.

Assign responsibilities for waste collection and transportation to designated areas.

Composting for Degradable Waste:

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Establish composting facilities for degradable waste, including food scraps and yard waste.

Promote the use of compost in campus landscaping and gardening projects.

Recycling Program for Non-Degradable Waste:

Introduce a comprehensive recycling program for non-degradable waste, including paper, plastic, glass, and metals.

Collaborate with local recycling facilities for proper waste disposal and recycling.

Electronic Waste (E-Waste) Management:

Implement a system for the proper disposal and recycling of electronic waste.

Educate the campus community on the hazards of improper e-waste disposal.

Hazardous Waste Management:

Develop and implement protocols for the proper handling, storage, and disposal of hazardous waste generated in laboratories and other facilities.

Ensure compliance with safety regulations and disposal guidelines.

Waste Reduction Initiatives:

Promote waste reduction initiatives, such as encouraging the use of reusable items, implementing paperless practices, and minimizing packaging waste.

Integrate waste reduction principles into procurement policies.

Awareness and Education Programs:

Conduct regular awareness campaigns and educational programs to inform the campus community about waste management practices.

Encourage responsible waste disposal through workshops, seminars, and signage.

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Waste Audits:

Periodically conduct waste audits to assess the effectiveness of waste management initiatives.

Use audit results to identify areas for improvement and adjustment of waste management strategies.

Community Engagement:

Involve students, faculty, and staff in waste management initiatives through volunteer programs and community projects.

Foster a sense of responsibility and ownership among the campus community.

Monitoring and Reporting:

Establish a system for monitoring waste management activities, including waste collection, recycling rates, and disposal methods.

Generate regular reports on waste management performance and share findings with stakeholders.

Continuous Improvement:

Foster a culture of continuous improvement within the waste management system.

Regularly review and update waste management policies and practices based on emerging best practices and technological advancements.

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Compliance and Accountability:

Ensure compliance with waste management policies across all university departments and individuals.

Integrate waste management considerations into performance evaluations and accountability frameworks.

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Recognized by SIRO, Ministry of Science &Technology, Govt. of India]



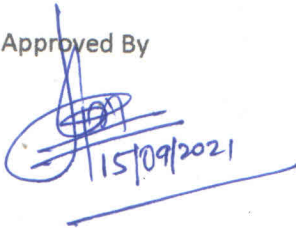
E-Waste Certificate, Agreement, Consent Copy and Passbook

Certificate of E-Waste Recycling

This is to certify that E-Waste received for recycling from Acharya institute of technology Bangalore 107. has been disposed to Trackon E-Waste Recyclers Pvt Ltd Bangalore an environment Friendly Manner. below mention Scrape details.

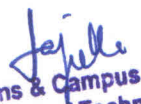
SL no	Materials	Qnt/ KGs	Per Piece	Amounts
1	CPU	124 No's	210	26040
2	CRT Monitor	87 No's	100	8700
3	LCD Monitor	38 No's	210	7980
4	Printers	12 No's	200	2400
5	Cables & Keyboard, Mouse	188 Kgs	25/Kgs	4700
6	MS	15 Kgs	24/Kgs	360
Totals				50180

Approved By



15/09/2021

Verified BY



Dept of Systems & Campus Wide Netw:
Acharya Institute of Technology, Bangu
Equipment / articles received in good condition.
Stock vide vol..... Page.....on.....
Warranty.....on.....
HOD (SCWN)

Stock in charge

For Trackon E- Recyclers

For TRACKON E-WASTE RECYCLERS PVT.LTD.

Director

Trackon e-waste Recyclers Pvt. Ltd.

Regd. Off: # 28, Garupalya 2nd Phase, Kumbalgod Industrial Area, Bangalore - 560 074

Corporate Off: # 1/5, 3rd Floor, 4th Cross, Ambedkar Layout, Beside Telecom Layout, Vijayanagar Pipeline, Bangalore - 560 023

Tel. : 080 28437943 Fax: 080 26741958

e-mail: trackonewaste2011@gmail.com

web: www.trackonrecyclers.com



ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ Karnataka State Pollution Control Board

"ಪರಿಸರಭವನ", 1 ರಿಂದ 5ನೇ ಮಹಡಿಗಳು, ನಂ.49, ಚರ್ಚ್‌ಸ್ಟ್ರೀಟ್, ಬೆಂಗಳೂರು - 560 001, ಕರ್ನಾಟಕ, ಭಾರತ
"Parisara Bhavana", 1st to 5th Floor, # 49, Church Street, Bengaluru - 560 001, Karnataka, INDIA

FORM

[See Rules 13(3)(ii),(iii),(iv)]

FORMAT FOR GRANTING AUTHORISATION FOR RECYCLING OF E-WASTE

Ref: Your application Dt:05.09.2019 for Grant of Authorisation for and Recycling of E-waste. 3828 04 OCT 2019

- (a) Authorisation no.PCB/WMC/1123/E-waste/2016/2019-20 / and (b) Date of issue:
- The Director of M/s. Trackon E-waste Recyclers Pvt Ltd, is hereby granted authorisation for Recycling of e-waste in the premises located at Located at No.28, Gerupalya, 2nd phase, Kumbalagodu Industrial Area, Bangalore-560074 for the following:
 - Quantity of E-waste recycling: 25 MT/Month only
 - Nature of e-waste for recycling: Electrical and Electronic Waste.
- This authorisation shall be valid for a period up to 30.06.2022.
- The authorisation is subject to the conditions stated below and such conditions as may be Specified in the Rules for the time being in force under the Environment (Protection) Act, 1986.

Signature ----- *A. Ganu*

Designation: Senior Environmental Officer

Date: -----

Terms and conditions of authorisation

- The applicant for authorisation shall comply with the provisions of the Environment (Protection) Act, 1986, and the Rules made there under.
- The authorisation or its renewal shall be produced for inspection at the request of an officer authorized by the concerned State Pollution Control Board.
- Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorisation.
- It is the duty of the authorised person to take prior permission of the concerned State Pollution Control Board to close down the operations.
- An application for the renewal of an authorisation shall be made in Form 4 before 120 days of its expiry.

I. The applicant shall comply with Rule 11 of E-waste (Management) Rules, 2016 as under;

- Shall ensure that the facility and recycling processes are in accordance with the standards or Guidelines prescribed by the Central Pollution Control Board from time to time;
- Obtain authorisation from concerned State Pollution Control Board in accordance with the



**Consent For Operation
(CFO-Air,Water)**

Consent No. AW-309228
Valid upto: 30/06/2022

Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church
Street, Bengaluru-560001
Tele : 080-25589112/3, 25581383
Fax: 080-25586321
email id: ho@kspcb.gov.in

Industry Colour: RED Industry Scale: SMALL

(This document contains 5 pages including annexure & excluding additional conditions)

Combined Consent Order No. AW-309228 PCB ID: 35063 Date: 22/12/2018

Combined consent for discharge of effluents under the Water (Prevention and Control of Pollution) Act , 1974 and emission under the Air (Prevention and Control of Pollution) Act , 1981

- Ref: 1. Application filed by the applicant/organization on 30/10/2018
2. Inspection of the Industry/organization/by RO, on 26/10/2018
3. Proceedings of the CCM dated 01/12/2018 ,held on 27/11/2018

Consent is hereby granted to the Occupier under Section 25(4) of the Water (Prevention & Control of Pollution) Act, 1974 (herein referred to as the Water Act) & Section 21 of Air (Prevention & Control of Pollution) Act, 1981, (herein referred to as the Air Act) and the Rules and Orders made there under and authorized the Occupier to operate /carryout industry/activity & to make discharge of the effluents & emissions conforming to the stipulated standards from the premises mentioned below and subject to the terms and conditions as detailed in the Schedule Annexed to this order.

Location:

Name of the Industry: Trackon E-Waste Recyclers Pvt Ltd
Address: No.28, No. 28Gerupalya, Kumbalgodu, Bangalore-78
Industrial Area: Kumbalgodu I.A, Gerupaya,
Taluk: Kumbalgodu , District: Bangalore Urban

CONDITIONS:

a) Discharge of effluents under the Water Act:

Sr	Water Code	WC(KLD)	WWG(KLD)	Remark
1	Domestic Purpose	0.600	0.500	Sewer line
2	Processing whereby water gets polluted and the pollutants are not easily bio-degradable and are toxic	0.050	0.020	Handover to CETP

b) Discharge of Air emissions under the Air Act from the following stacks etc.

Sl. No. Description of chimney/outlet Limits specified refer schedule

The details of Sources, control equipments and its specification, type of fuel, constituents to be controlled in emissions etc. are detailed in Annexure-II.

The consent for operation is granted considering the following activities/Products;

Sr	Product Name	Applied Qty/Month	Unit
1	E-Waste recycling (segregation, dismantling and recovery of precious metals)	25.0000	M.T

This consent is valid for the period from 01/07/2018 to 30/06/2022

To,

Trackon E-Waste Recyclers Pvt Ltd
No.8/1, 3rd Main, G Floor, 1st
Cross, Padarayanapura,
Bangalore-26

COPY TO:

- The Environmental Officer, KSPCB, Regional Office Bangalore Rajrajeshwarinagar for information and necessary action.
2. Master Register.
3. Case file.

Consent Fee paid : Rs. 18000



**Consent For Operation
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Karnataka State Pollution Control Board
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Street, Bengaluru-560001
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email id: ho@kspcb.gov.in

(This document contains 5 pages including annexure & excluding additional conditions)

SCHEDULE

TERMS AND CONDITIONS

A. TREATMENT AND DISPOSAL OF EFFLUENTS UNDER THE WATER ACT.

1. The discharge from the premises of the occupier shall pass through the terminal manhole/manholes where from the Board shall be free to collect samples in accordance with the provisions of the Act/Rules made there under.
- 2(a). The sewage/domestic effluent shall be treated in septic tank and with soak pit. No overflow from the soak pit is allowed. The septic tank and soak pit shall be as per IS 2470 Part-I & Part-II.
- 2(b). The treated sewage effluent discharged shall conform to the standards specified in Annexure-I.
- 3(a). The trade effluent generated in the industry shall be treated in the ETP and treated effluent shall conform to the standard stipulated by the Board in Annexure-I
- 3(b). The trade effluent shall be handed over to CETP and maintain logbook of effluent generated & sent every day.
4. The applicant shall install flow measuring/recording devices to record the discharge quantity and maintain the record.
5. The applicant shall not change or alter either the quality or the quantity or the place of discharge or temperature or the point of discharge without the previous consent/ permission of the Board.
6. The applicant shall not allow the discharge from the other premises to mix with the discharge from his premises. Storm water shall not be allowed to mix with the effluents on the upstream of the terminal manhole where the flow measuring devices are installed.
7. The daily quantity of domestic effluent and trade effluent from the industry shall not exceed the limits as indicated in this consent order.
8. The applicant shall discharge the effluents only to the place mentioned in the Consent order and discharge of treated/untreated outside the premises is not permitted.

B. EMISSIONS:

1. The discharge of emissions from the premises of the applicant shall pass through the air pollution control equipment and discharged through stacks/chimneys mentioned in **Annexure-II** where from the Board shall be free to collect the samples at any time in accordance with the provisions of the Act and Rules made there under. The tolerance limits of the constituents forming the emissions in each of the stacks shall not exceed the limits laid down in Annexure-II.
2. The applicant shall provide port holes for sampling of emission, access platforms for carrying out stack sampling, electrical points and all other necessary arrangements including ladder as indicated in Annexure-II.
3. The applicant shall upgrade/modify/replace the control equipment with prior permission of the Board.

C. MONITORING & REPORTING:

1. The applicant shall get the samples of effluents & emissions collected and get them analyzed once a month/ either by in house monitoring laboratory or through EP approved laboratories for the parameters as Indicated in Annexure I & II.
2. The applicant shall maintain log books to reflect the working condition of pollution control systems and also self monitoring results and keep it open for inspection.

D. SOLID WASTE (OTHER THAN HAZARDOUS WASTE) DISPOSAL:

1. The applicant shall segregate solid waste from Hazardous Waste, Municipal Solid Waste and store it properly till treatment/disposal without causing pollution to the surrounding Environment.
2. The solid waste generated shall be handled & disposed by scientific method without causing eye sore to the general public and to the surrounding environment.



**Consent For Operation
(CFO-Air,Water)**

Consent No. AW-309228
Valid upto: 30/06/2022

Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church
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Tele : 080-25589112/3, 25581383
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Industry Colour: RED Industry Scale: SMALL

(This document contains 5 pages including annexure & excluding additional conditions)

E. NOISE POLLUTION CONTROL:

1. The applicant shall ensure that the ambient noise levels within its premises shall not exceed the limits i.e 75 dB(A) Leq during day time and 70 dB(A) Leq during night time as specified in under the Air (Prevention and Control of Pollution) Act, 1981.

F. HAZARDOUS AND OTHER WASTES (MANAGEMENT & TRANSBOUNDARY MOVEMENT) Rules 2016:

The applicant shall comply with the provisions of the Hazardous and other Wastes (Management & Transboundary Movement) Rules 2016.

G. GENERAL CONDITIONS:

1. The applicant shall not allow the discharge from the other premises to mix with the discharge from his premises.
2. The applicant shall promptly comply with all orders and instructions issued by the Board from time to time or any other officers of the Board duly authorized in this behalf.
3. The applicant shall set-up Environmental Cell comprising of qualified and competent personnel for complying with the conditions specified.
4. The Board reserves the right to review, impose additional conditions, revoke, change or alter terms and conditions of this consent.
5. The applicant shall forthwith keep the Board informed of any accidental discharge of emissions/effluents into the atmosphere in excess of the standards laid down by the Board. The applicant shall also take corrective steps to mitigate the impact.
6. The applicant shall provide alternate power supply sufficient to operate all Pollution control equipments.
7. The entire premises shall always be kept clean. The effluent holding area, inspection chambers, outlets, flow measuring points should made easily approachable.
8. The applicant shall display the consent granted in a prominent place for perusal of the inspecting officers of the Board.
9. The applicant his heirs, legal representatives or assignee shall have no claims what so ever to the continuation or renewal of this consent after expiry of the validity of consent.
10. The applicant shall make an application for consent for subsequent period at least 45 days before expiry of this consent.
11. The applicant shall develop and maintain adequate green belt all around the periphery.
12. The applicant shall provide rain water harvesting system and shall provide proper storm water management system.
13. This consent is issued without prejudice to any Court Cases pending in any Hon'ble Court
14. The applicant shall furnish the Environmental statement for every financial year ending with 31st March in Form-V as per Environment (Protection) Rules, 1986. The statement shall be furnished before the end of September.
15. The applicant shall display flow diagram of the pollution control system near the pollution control system/s.



**Consent For Operation
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Consent No. AW-309228
Valid upto: 30/06/2022

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Industry Colour: RED Industry Scale: SMALL

(This document contains 5 pages including annexure & excluding additional conditions)

NOTE:

The Conditions A(2(b), 3(a)) mentioned in the schedule are not applicable.

Additional Conditions:

1) Applicant shall maintain records of the e-waste purchased, processed in Form-2 & file annual returns of its activities of previous year in Form-3 to KSPCB on or before 30th June every year. 2) Applicant shall comply with previous of E-waste Rules & Guidelines issued by CPCB for implementation of the E-waste Rules.

Chimney No.	Chimney attached to	Capacity/ KVA Rating	Minimum chimney height to be provided above ground level (in Mts)	Constituents to be controlled in the emission	Tolerance limits mg/NM3	Fuel	Air pollution Control equipment to be installed, in addition to chimney height as per col.(4)	Date of which air pollution control equipments shall be provided to achieve the stipulated tolerance limits and chimney heights conforming to stipulated heights.
1	Acid Mists	Acid Bath (metal recover)	41	PM(mg/NM3), SO2 (PPM), NOx(PPM)	SPM Acid Mist		HDC, SCR	Before commissioning.
2	Furnace	Furnace (metal recovery)	25	PM(mg/NM3), SO2 (PPM), NOx(PPM)	150, 150, 150	---	CYC	Before commissioning.
3	Any Other.....	Dismantling Section	3	PM(mg/NM3), SO2 (PPM), NOx(PPM)	SPM		FIL	Before commissioning.

Note:

HDC, SCR : Hood Cover

CYC : Cyclone

FIL : Bag Filter

Note:

- The Noise levels within the premises shall not exceed 75 dB (A) leq during day time and 70 dB(A) leq during night time respectively.
- The DG set shall be provided with acoustic measures as per SI.No.94 in Schedule-I of Environment (Protection) Rules.
- There shall be no smell or odour nuisance from the industry.



**Consent For Operation
(CFO-Air,Water)**

Consent No. AW-309228
Valid upto: 30/06/2022

Industry Colour: RED Industry Scale: SMALL

Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church
Street, Bengaluru-560001
Tele : 080-25589112/3, 25581383
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email id: ho@kspcb.gov.in

(This document contains 5 pages including annexure & excluding additional conditions)

LOCATION OF SAMPLING PORTHOLES, PLATFORMS, ELECTRICAL OUTLET.

1. Location of Portholes and approach platform:

Portholes shall be provided for all chimneys, stacks and other sources of emission. These shall serve as the sampling points. The sampling point should be located at a distance equal to at least eight times the stack or duct diameters downstream and two diameters upstream from source of low disturbance such as a Bend, Expansion, Construction Valve, Fitting or Visible Flame for rectangular stacks, the equivalent diameter can be calculated from the following equation.

$$\text{Equivalent Diameter} = \frac{2 (\text{Length} \times \text{Width})}{(\text{Length} + \text{Width})}$$

2. The diameter of the sampling port should not be less than 100 mm dia". Arrangements should be made so that the porthole is closed firmly during the non sampling period
3. An easily accessible platform to accommodate 3 to 4 persons to conveniently monitor the stack emission from the portholes shall be provided. Arrangements for an Electric Outlet Point of 230 V 15 A with suitable switch control and 3 Pin Point shall be provided at the Porthole location.
4. The ladder shall be provided with adequate safety features so as to approach the monitoring location with ease.

For and on behalf of the
Karnataka State Pollution Control Board

Validity unknown

Digitally signed by
Date: 2018.12.22 12:44:06
+05:30



Pass Book for 'Actual User*' of E - Wastes under E - Wastes
(Management & Control) Rules, 2016

[See Rule 6 (7)]

Name and Address : M/s. Trackon E-waste Recyclers Pvt Ltd,
Of the Occupier Located at No. 29, Chrupalya, 2nd phase, Kumbalgode
Industrial area, Bangalore - 560074
Telephone / Fax No. :
Mobile No. : 9845888986
E-mail Address : trackone-waste2011@gmail.com
Authorization No. : pcB/KSPCB/1123/E-waste/2016/2019-20
Date of Issue : 04.10.2019
Validity Period upto 30.06.2022

Type and Quantity of Hazardous and Other Wastes Permitted

Sl. No.	Category No. & Type of Hazardous and Other Wastes as per Schedule I, II, III & IV	Quantity (MTPA or KLPA)
1.	<u>Schedule - I of E-waste</u> <u>(Management) Rules, 2016.</u> <u>[E-waste Recycling]</u>	<u>25 MTPM only.</u> <u>[Twenty five metric ton</u> <u>per month only.]</u>

Authorized Signatory & Seal

MEMBER SECRETARY
Karnataka State Pollution Control Board
Bangalore

[As per Rule 3(2) "Actual User" means an occupier who procures and processes hazardous and other waste for reuse, recycling, recovery, or other process, including co-processing]



Conditions of the Pass Book:

1. The Actual User shall submit copies of the valid consents and authorization also to the auctioneer/seller at the time of each procurement.
2. The actual user shall be responsible to ensure that the quantity of the wastes (s) procured each time is endorsed in this Pass-Book by the authorized seller/auctioneer.
3. The Actual User shall obtain copy of the analysis report of the Hazardous and Other Waste from the generator at the time of each procurement and submit the same to KSPCB.
4. The Actual user shall not rent / lend / sell / transfer this Pass-Book.
5. Any change in the Actual User technology, disposal facility and equipment shall only be carried out with prior permission of KSPCB.
6. The Actual user shall submit quarterly reports of Hazardous and Other Waste, quantity of the products manufactured and sold (supported with central Excise / Sales Tax details), quantity of waste generation and its mode of disposal to KSPCB.
7. The actual user shall submit certified copy of the Pass-Book once in six months to the Board Office and to the concerned Regional Office.
8. The Actual user shall obtain fresh Pass Book after the expiry of authorization/completion of all pages in the Pass-Book only after submission of certified copy of the entire old Pass Book.
9. The Actual user shall transport the Hazardous and Other Waste only in the vehicle authorized by KSPCB

Authorized Signatory & Seal

MEMBER SECRETARY
Karnataka State Pollution Control Board
Bangalore

ACHARYA & BM REDDY COLLEGE OF PHARMACY, Bengaluru-560107

[Affiliated to Rajiv Gandhi University of Health Sciences, Approved by PCI, Accredited by NAAC and
Recognized by SIRO, Ministry of Science &Technology, Govt. of India]



E-Waste Contract with Premier Comprint



080-25586321 / Fax : 080-25586321
ho@kspcb.gov.in / E-mail : ho@kspcb.gov.in
http://kspcb.gov.in / Website : http://kspcb.gov.in

25581383, 25589112
25588151, 25588270
25588142, 25586520

ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ
Karnataka State Pollution Control Board
"ಪರಿಸರ ಭವನ", 1 ರಿಂದ 5ನೇ ಮಹಡಿಗಳು, ನಂ. 49, ಚರ್ಚ್ ಸ್ಟ್ರೀಟ್, ಬೆಂಗಳೂರು - 560 001, ಕರ್ನಾಟಕ, ಭಾರತ
"Parisara Bhavana", 1st to 5th Floor, # 49, Church Street, Bengaluru - 560 001, Karnataka, INDIA

FORM-1 (A)
[SEE RULE 9(3)]
**AUTHORIZATION FOR GENERATION/ COLLECTION/ STORAGE/ DISMANTLING/
RECYCLING OF E-WASTE**

No. PCB/1907/E-waste/2016/Reg. No.121415//H-752 Dated: 17 JAN 2017

- The Director of M/s. Premier Comprint., is hereby granted an authorization for Dismantling of E-waste on the premises situated at #33/3, Hanumanthaiah Industrial Compound, Near Lakshmi Temple, Chikkabanavara Post, Abbigere, Bangalore-560090.
- The authorization granted for Dismantling of E-waste of quantity 25TPM in the manner indicated below;

Sl. No	Category of waste electrical and electronic equipment (WEEE)	Quantity	Method of Handling
1	E-waste as per Schedule-I of the E-waste (M) Rules, 2016. (SI No. i & ii of Schedule)	25 TPM	Shall be stored in a secured manner and shall be reprocessed using environmentally sound technology as approved by CPCB.

- The authorization shall be in force for a period up to 30.06.2021. This authorization is valid only if the consents issued under Water and Air Act are valid
- The authorization is subject to the conditions stated below & such conditions as may be specified in the Rules for the time being in force from the Environment (Protection) Act, 1986.

[Signature]
MEMBER SECRETARY


Terms and conditions of authorization

- The authorization shall comply with the provisions of the Environment (Protection) Act, 1986, and the Rules made there under.
- The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the State Pollution Control Board.
- The person authorized shall not rent, lend, sell, transfer or otherwise transport the E-waste without obtaining prior permission of the State Pollution Control Board.

“ಪ್ಲಾಸ್ಟಿಕ್ ಬಳಕೆ ನಿಲ್ಲಿಸಿ, ಪರಿಸರ ಹಾನಿ ತಪ್ಪಿಸಿ”
AVOID USE OF PLASTICS-BE 'ECO' FRIENDLY

E-waste Management Authorisation from Karnataka State Pollution Control Board





Premier Comprint


E-waste Management Company

Form-6
 (See-Rue 19)
E-WASTE MANIFEST

01.	Sender's Name and Mailing address (Including Phone No:)	Acharya Institutes Soldevnahalli, Hesargatta Road, Bangalore-560 107
02.	Sender's Authorization No, If applicable.	
03.	Manifest Document No:	PC/2017-18/EW-015
04.	Transporter's Name and Address:(including Phone no)	Premier Comprint, 33/3, Hanumanthaiah Indst. Compound, Abbigere, Bangalore-560090
05.	Type of vehicle	Eicher-KA 05 AB 9698
06.	Transporter's Registration No.:	PCB/1907/E-Waste/2016/RegNo.121415
07.	Vehicle Registration No. :	KA 05 AB 9698
08.	Receiver's Name And Address.	Premier Comprint, 33/3, Hanumanthaiah Indst. Compound, Abbigere, Bangalore-560090
09.	Receiver's Authorization No, If Applicable.:	PCB/1907/E-Waste/2016/RegNo.121415
10.	Description if E-waste (Item, Weights/Numbers)	Weight
	(i) Information Technology and Telecommunication equipment	
	(ii) Consumer Electronics and Electrical	27Kgs
11.	Name and stamp of sender* (Manufacturer or Producer or Bulk Consumer or Collection Centre or Refurbisher or dismantler)	Signature: <i>[Signature]</i> Month Day Year 6 0 9 2 0 1 8
12.	Transporter Acknowledgement of receipt Premier Comprint # 33/3, Hanumanthaiah Industrial Compound, Abbigere, Near Lakshmi Temple, Chikkabanaswara Post, BANGALORE-560 090. Name & Signature: <i>[Signature]</i>	Month Day Year 0 6 0 9 2 0 1 8
13.	Receiver *(Collection Centre or Refurbisher or Dismantler or Recycler) Certification of Receipt Of E-Waste Name & Stamp: Signature: <i>[Signature]</i> Day Year 0 6 0 9 2 0 1 8	

Yellow Copy : Senders Copy
 Copy Pink Copy : Receiver Copy
 Orange Copy : Transporter's
 Green Copy : Receiver to Sender

Regd. Office & Plant :
 # 33/3, Hanumanthaiah Industrial Compound, Abbigere, Near Lakshmi Temple, Chikkabanaswara Post, Bangalore-560 090.
 Ph : 080 - 32544599, Call : 9740782599, 9342913787, E-mail : premier.comprint@gmail.com, Website : www.premierrecycling.com


Principal
 Acharya & BM Reddy College of Pharmacy
 Bengaluru - 560 107

E-waste management contract with Premier Comprint



Document for Premier Comprint

ACHARYA & BM REDDY COLLEGE OF PHARMACY, Bengaluru-560107

[Affiliated to Rajiv Gandhi University of Health Sciences, Approved by PCI, Accredited by NAAC and
Recognized by SIRO, Ministry of Science &Technology, Govt. of India]



Bio – Medical waste management



Bio – Medical waste from ABMRCP is maintained and handled in a scientific manner through Prajwal BMW Management systems, Medicare (A Re Sustainability Company) and Meera Envirotech Pvt. Ltd. Related documents are attached below.

MEDICARE
A Re Sustainability Company

Medicare Environmental Management Private Limited
Bengaluru - 560 045, India
Phone: +91 96 20 45 78
9945467244

BLR/23-24/9378

SERVICE CERTIFICATE

This is to certify that M/s.
Acharya & B.M Reddy College of Pharmacy.
is a member of
Medicare Environmental Management Private Limited

Bearing Registration No. 8289 Medicare is providing Bio-Medical Waste Management services to the above customer from 29.06.2023 for a total bed-strength of Nil.


This certificate is valid upto 28.06.2024

Document for Medicare Company

Meera Envirotech Pvt. Ltd.
BVR lake Front, Site No. 1-4,
Veerannapalya Main Road,
Nagavara, Arabic College Post,
Opp. : Indian Oil Petrol Bunk,
Bangalore - 560 045.
Mob.: 9686204578, 8105255559
e-mail: metbmw@gmail.com

Service Certificate

This is to certify that the biomedical waste generated at
M/s. ACHARYA & BM REDDY COLLEGE OF PHARMACY
is handed over to Meera Envirotech Pvt. Ltd., for appropriate
treatment and safe disposal for period 1st /MAY/2022 to 30th /APRIL/2023
Meera Envirotech Pvt. Ltd., acknowledges that the biomedical waste
received from this facility is disposed as per Bio Medical Waste
(Management & Handling) Rules 2016, Government of India.


Anand

Biomedical waste management contract with Meera Envirotech Pvt. Ltd.



Prajwal BMW Management Systems

(A Unit of VV Incin Solutions Private Limited.)

H O : # 1, Second Floor, Roopa Complex No.66 & 67, Ganesh Layout, M S Palya, Vidyanarayapura Post, Bangalore - 560097

Mobile : +91 9907731313 (M) +91 990349206 +91 7019432926

CBMWTF : Plot No.56, Kudumalakunte, New KIADB Industrial area, Gowribidanur Taluk, Chikkaballapur District - 561208

Mobile : +91 9563839038 -91 984522986 +91 9945087087

Web site - vvincin.com, Email - vvincini@gmail.com

PBMWMS/AC/INTRO/105/2020-21

Date: - 16.09.2020

To
Acharya college
Hesaraghatta road
Bangalore
Dear Sir/Madam,

Sub: - Company Profile and Introduction letter for handling Bio-Medical waste in Scientific Manner.

With reference to the abovementioned subject, we would like to introduce ourselves as pioneers in the field of Bio-Medical Waste Management. We are glad to inform you that we have already put up a facility to manage Bio-Medical Waste in a scientific manner at KIADB Industrial Area in Plot No.56, Kudumalakunte New KIADB Industrial Area, Gowribidanur Taluk-561208, Chikkaballapura-(District) & Head Office at Roopa Complex, No. 66&67, Ganesh Layout, MSPalya, Vidyanarayapura Post, Bengaluru-560097.

Prajwal BMW Management Systems (A unit of VV Incin Solutions Private Limited) is a company registered under the companies Act with the primary objective being Bio-Medical Waste Management. Prajwal BMWMS has set up an integrated Bio-Medical Waste Management facility, technically reliable. The intended facility shall operate on a "user-pay" principle. Each user shall contribute Prajwal BMWMS in proportion to the quantity of waste generated by them that is processed at the facility.

Prajwal Entrepreneur has highly trained and experienced professionals in the management and handling the Bio-Medical Waste. We have the Experience in the service of Bio-Medical Waste Management in the districts of Bangalore Urban, Bangalore rural, Chikkaballapura, Chitradurga, Hassan, Chikmangalore of Karnataka state from last Ten years.

Cont...2

Principal
Acharya & BM Reddy College of Pharmacy
Bengaluru - 560 107

Biomedical waste management contract with Prajwal BMW Management Systems

ACHARYA & BM REDDY COLLEGE OF PHARMACY, Bengaluru-560107

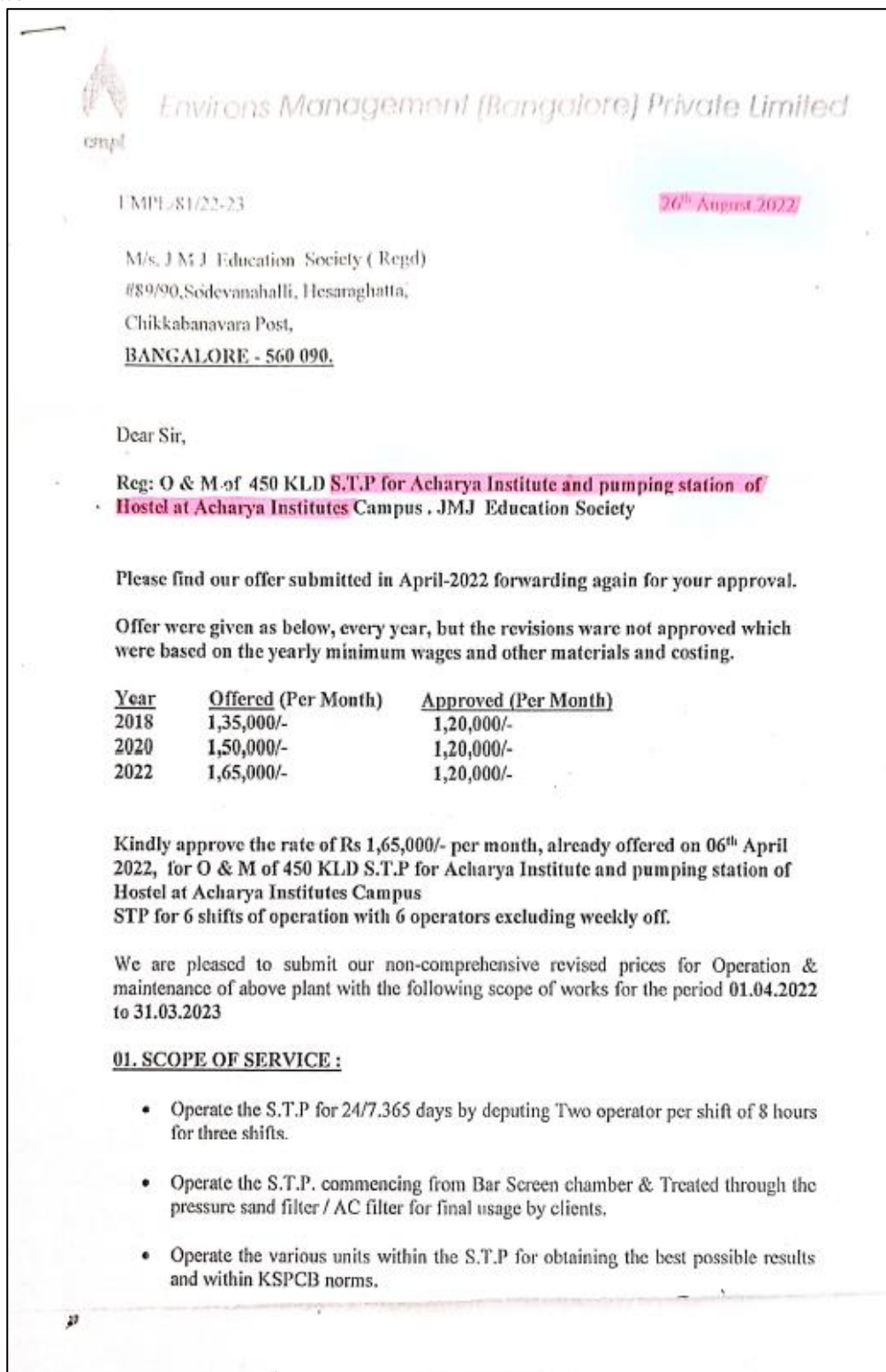
[Affiliated to Rajiv Gandhi University of Health Sciences, Approved by PCI, Accredited by NAAC and
Recognized by SIRO, Ministry of Science &Technology, Govt. of India]



Liquid Waste Management



Liquid waste management from ABMRCP is maintained and handled through Sewage Treatment Plant installed in collaboration with Environs management (Bangalore) Pvt. Ltd., which provides an output of 3 lakh Liters per day . Related document is attached below.



Liquid waste management contract with Environs Management Pvt. Ltd



JMJ EDUCATION SOCIETY (Regd.)
ACHARYA

B. M. REDDY
President

B. PREMNATH REDDY
Secretary

PURCHASE ORDER

Invoice To: JMJ EDUCATION SOCIETY No.89/90, Soladevanahalli, Hosaroghatta Main Road, Chikbanavara, Bangalore - 560090 Email-Id: purchase@acharya.ac.in State Name: Karnataka Code: 29		Purchase order No: JMJ/20/73	Date: 24-09-2020	
Supplier: ENVIRONS MANGAEMENT(BANGALORE) PVT LTD Mr.P.V.Kulkarni- Director #2B/3, New Bank Colony Konanakunte Bangalore -560 062 Ph No.0280-26324121 Karnataka Gst No: 29AABCE5075HIZI M-Id:emphlore@gmail.com PH-9742264377 PAN No:AABCE5075H		Quotation No: Other Reference Mr. Anandhavali Room No, A103GF01-SR	Store Name CENTRAL STORES	Destination MD/Facilities
Terms Payment: As per Agreement Copy.		Terms of Delivery 1. Taxes are included in total amount. 2. Services agreement from 01 July 2020, to 30 Jun 2021. 3. Transportation charges are included in total amount.		

Sl.No	Goods Description	Quantity	UOM	Rate	GST %	Disc %	Amount
1	Agreement For Operation and Maintenance of STP Plant-Annexure 1 Enclosed	12.0	Months	120000	18.0%	0.0%	1440000.00
Total Amount							₹ 1440000.00
DISC Total							₹ 0.00
GST Total							₹ 259200.00
Grand Total(Rounded off)							₹ 1699200

Amount in Words
Sixteen Lakhs Ninety Nine Thousands Two Hundred Rupees Only E.&O.E

Bank Details:
 Account Holder Name: ENVIRONS MANGAEMENT(BANGALORE) PVT LTD
 Bank Name: BANK OF INDIA
 Bank branch: JAYANAGAR
 Account No: 840530110000038
 Bank IFSC NO: BKID0008405

Remarks:
 Kindly acknowledge the Order.

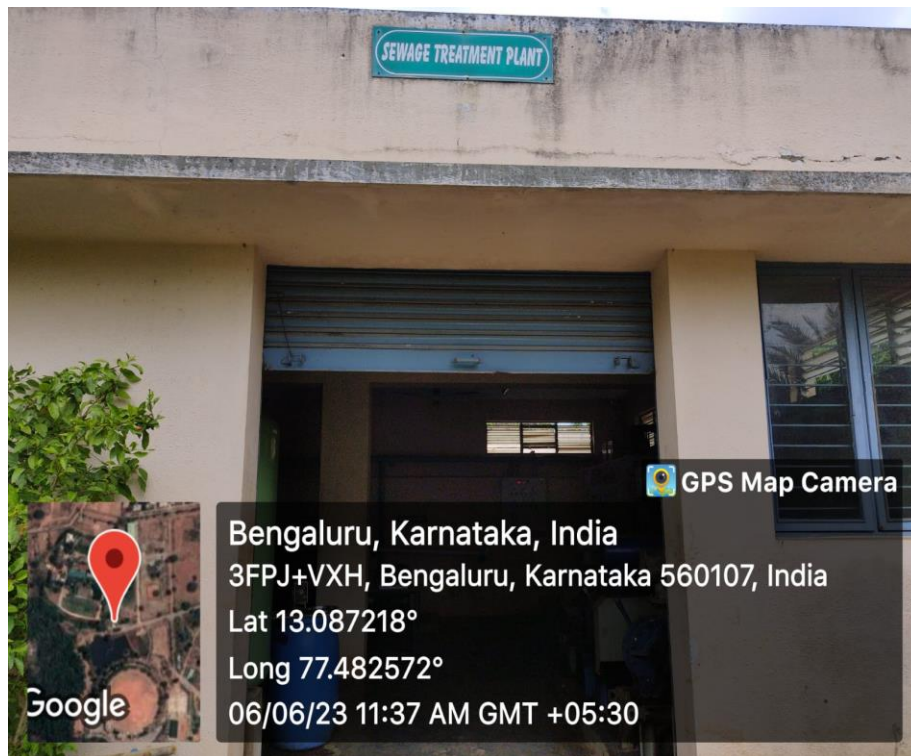
For **JMJ EDUCATION SOCIETY**

 Authorized Signatory

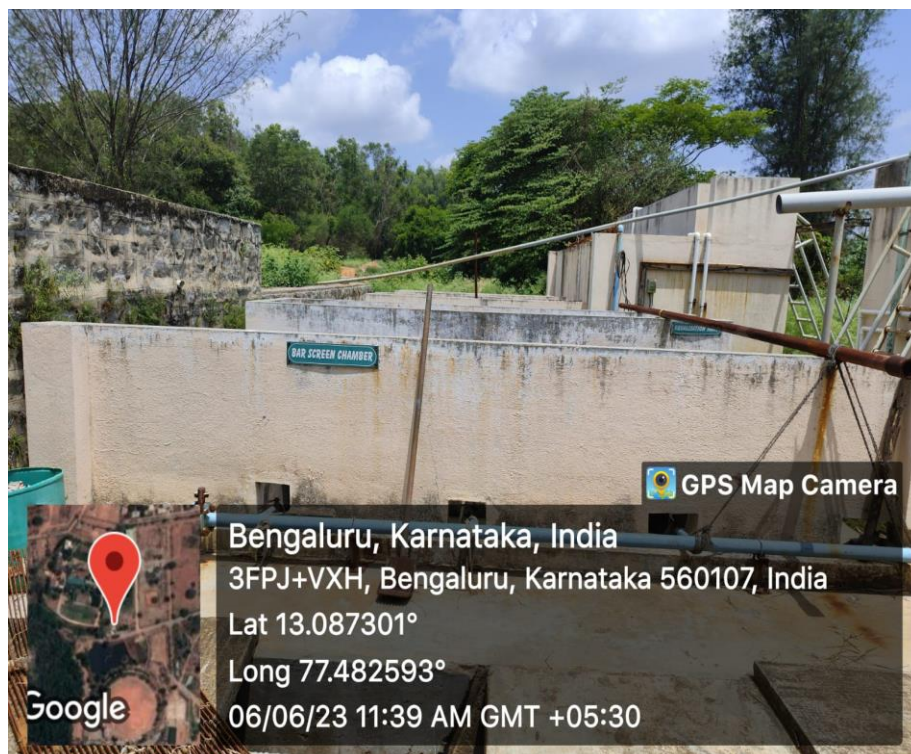
Principal
 Acharya & BM Reddy College of Pharmacy
 Bengaluru - 560 107

Acharya Dr. Sarveshwar Reddy, Acharya P.O. Bangalore-560 107, Karnataka, India - www.acharya.ac.in
 - Ph: 491 80 225 505-55 - Fax: 491 80 237 002-42 - E-mail: jmj@acharya.ac.in

Liquid waste management contract with Environs Management Pvt. Ltd -Purchase Order



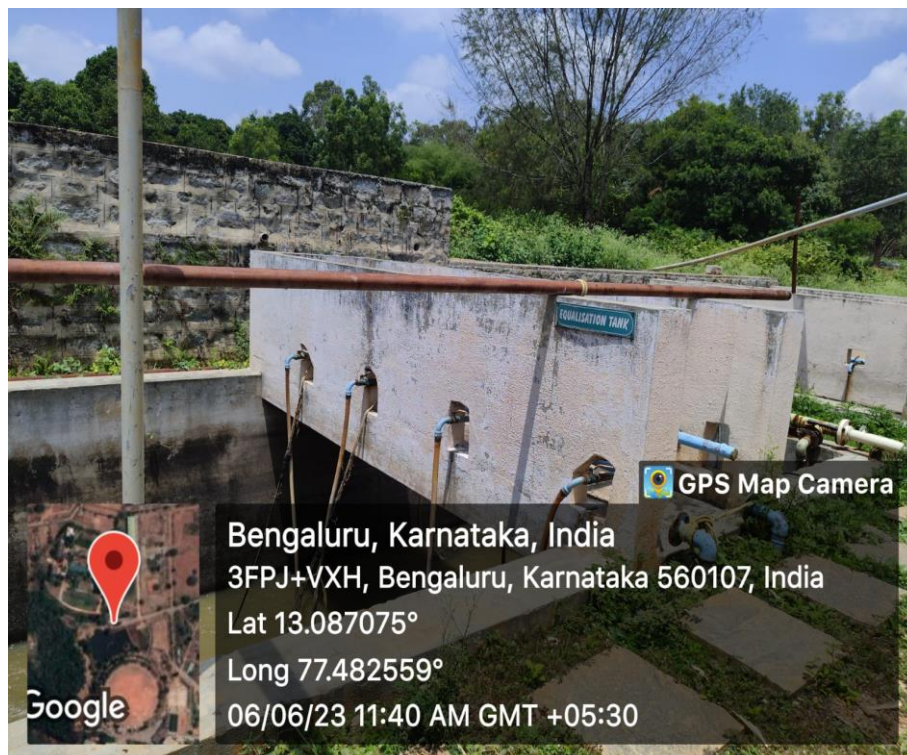
STP Plant



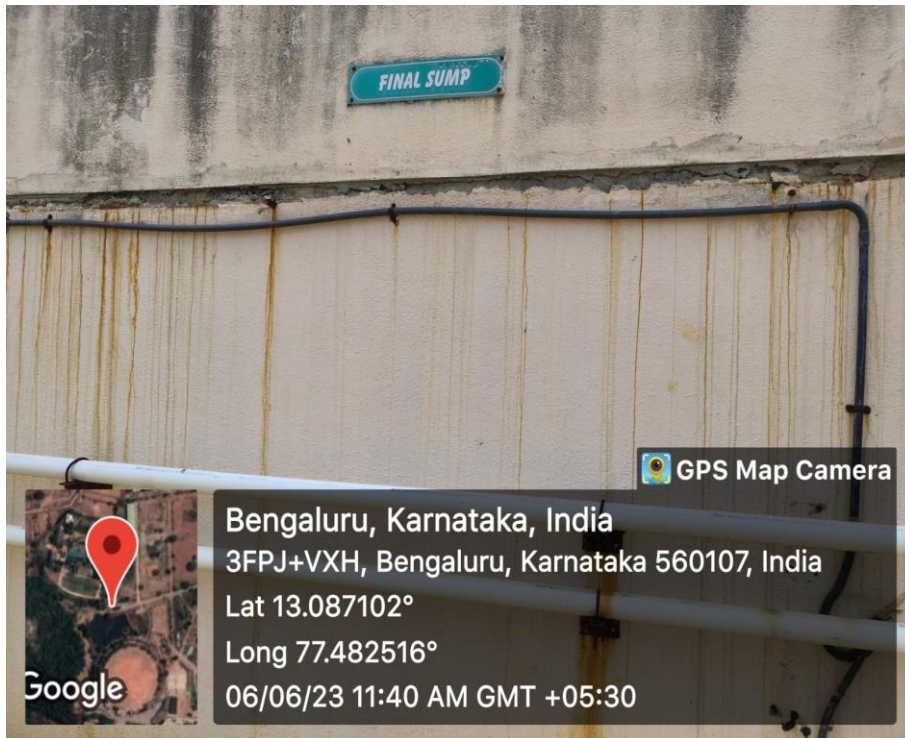
STP Plant Bar Screen Chamber



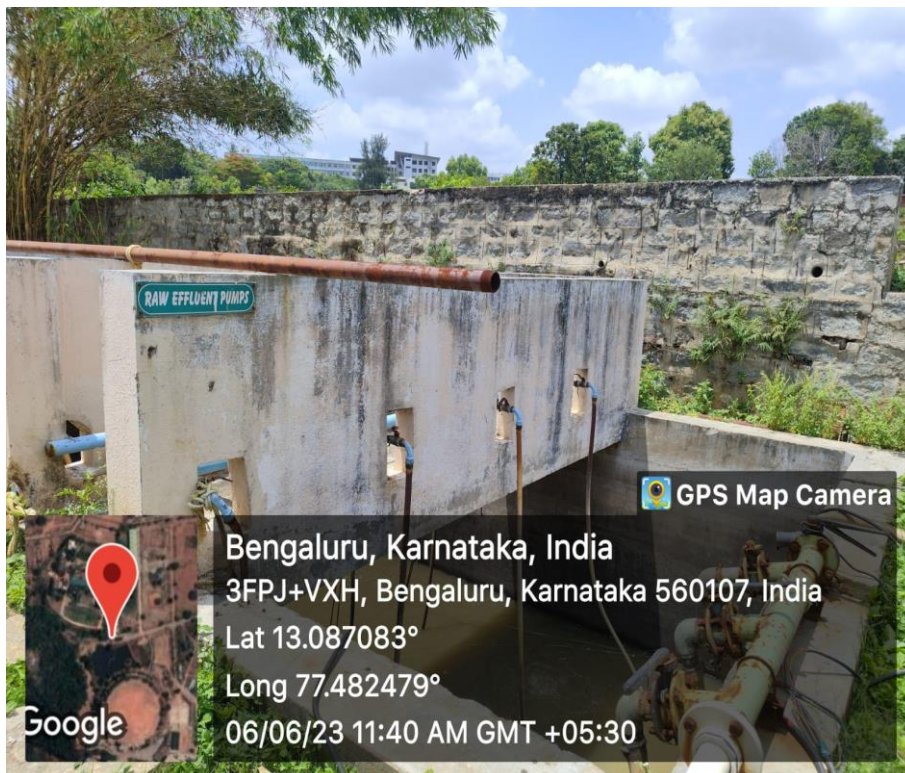
STP Plant Tanks



STP Plant Equalization Tank



STP Plant Final Sump



STP Plant Raw Effluent Pumps

ACHARYA & BM REDDY COLLEGE OF PHARMACY, Bengaluru-560107

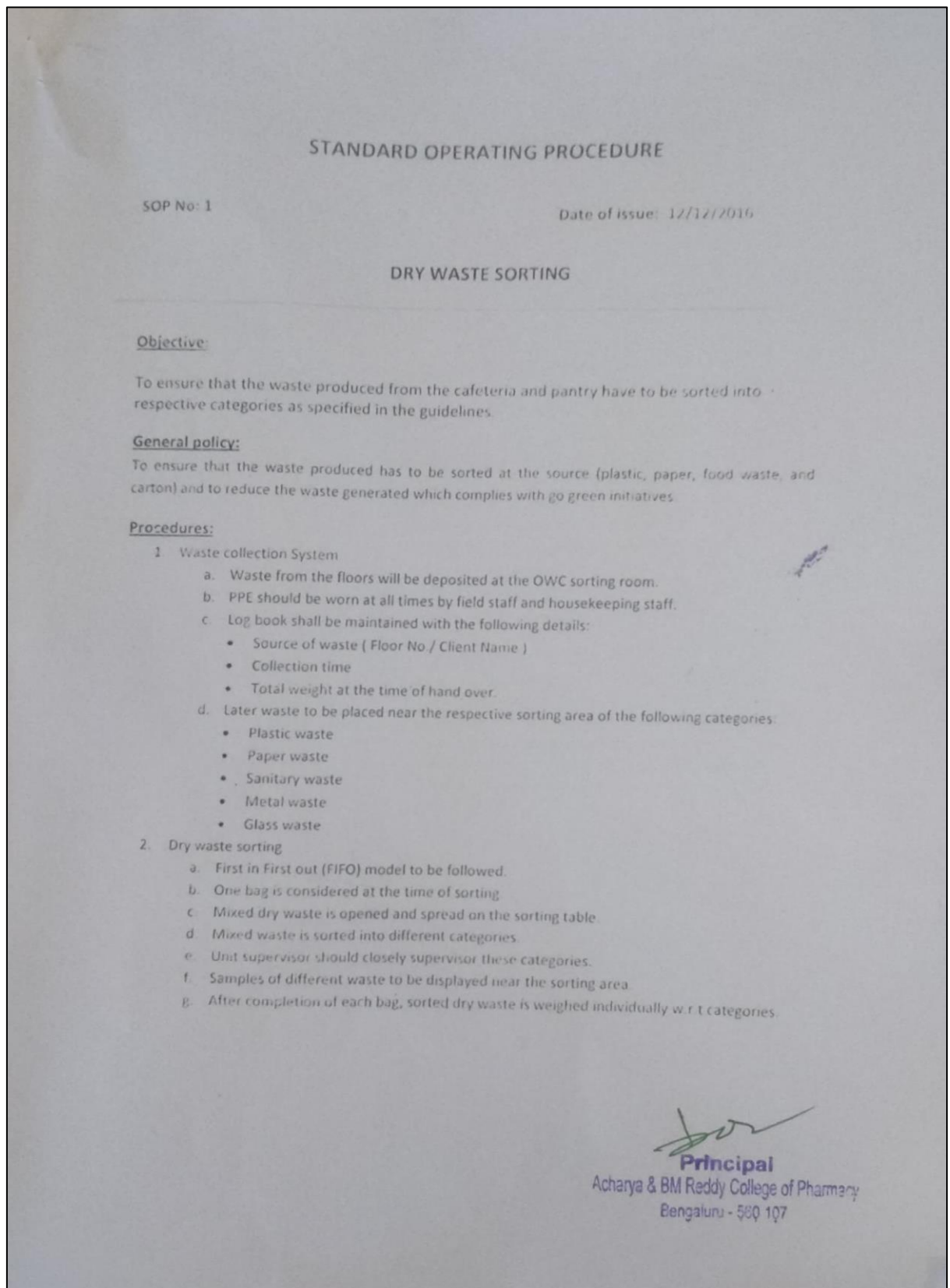
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Dry Waste Management



Dry waste from ABMRCP is maintained and handled through a standard operating procedure. Related document and photos are attached below.



SOP for Dry Waste Sorting



Dry Waste Management System at the Institute



Photos for Sorting and Handling Dry Waste



Dry Waste Management System – Preparation of Bio Composting

ACHARYA & BM REDDY COLLEGE OF PHARMACY, Bengaluru-560107

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Sanitary Napkin Disposal Machine in Women's Rest Rooms

Sanitary waste is maintained and handled through a Sanitary Napkin disposal/ incineration machines installed in all the women rest rooms in ABMRCP. Related photos are attached below.



Sanitary Napkin Incinerator Installation at Women's Rest Rooms

ACHARYA & BM REDDY COLLEGE OF PHARMACY, Bengaluru-560107

[Affiliated to Rajiv Gandhi University of Health Sciences, Approved by PCI, Accredited by NAAC and
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Bills and Invoices

GST - Tax Invoice

(TRIPLICATE FOR SUPPLIER)

Environs Management (Bangalore) Pvt Ltd(20-21) 1st Floor,10/2, STAVYAH ARCADE 9th Main Yarabnagar Main Road BSK 2nd Stage Bangalore GSTIN/UIN: 29AABCE5075H1Z1 State Name : Karnataka, Code : 29 CIN: U29197KA2005PTC037080 E-Mail : emplibangalore@gmail.com Consignee (Ship to) J M J Education Society (Regd) # 89 / 90, Sodevanahalli, Hesaraghatta, Chikkabanavara Post, Bangalore 560 090 State Name : Karnataka, Code : 29	Invoice No. GST/18/22-23 Dated 30-Apr-22 Delivery Note Mode/Terms of Payment Reference No. & Date. Other References Buyer's Order No. JMJ/20/73 Dated 24-Sep-20 Dispatch Doc No. Delivery Note Date Dispatched through Destination Terms of Delivery
Buyer (Bill to) J M J Education Society (Regd) # 89 / 90, Sodevanahalli, Hesaraghatta, Chikkabanavara Post, Bangalore 560 090 State Name : Karnataka, Code : 29 Place of Supply : Karnataka	Invoice No. : Dated

SI No.	Description of Services	HSN/SAC	Quantity	Rate	per	Amount
	Repair & Maintenance- Local STP Maintenance Charges for The Month of April-2022 @ Acharya	998719				1,20,000.00
	Output CGST					10,800.00
	Output SGST					10,800.00
Total						RS 1,41,600.00

Amount Chargeable (in words) E. & O.E
Indian Rupees One Lakh Forty One Thousand Six Hundred Only

HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
998719		0%		0%		
998719	1,20,000.00	9%	10,800.00	9%	10,800.00	21,600.00
Total			1,20,000.00		10,800.00	21,600.00

Tax Amount (in words) : **Indian Rupees Twenty One Thousand Six Hundred Only**

Company's PAN : AABCE5075H Declaration For Delayed Payment for than 30 days we will charge interest @ 18% on the due amount payable by you.	Company's Bank Details A/c Holder's Name : Environs Management (Bangalore) Pvt.Ltd. Bank Name : Bank Of India A/c No. : 840530110000038 Branch & IFS Code : JAYANAGAR & BKID0008405 SWIFT Code : for Environs Management (Bangalore) Pvt Ltd(20-21) Authorised Signatory
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SUBJECT TO BANGALORE JURISDICTION

This is a Computer Generated Invoice





C. Water Conservation

Sl. No.	Related Documents
1.	Policy Documents
2.	Rainwater harvesting and recycling
3.	Harvested Rainwater Usage for Farming and Gardening
4.	Bills and Invoices

ACHARYA & BM REDDY COLLEGE OF PHARMACY, Bengaluru-560107

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Policy Documents

ACHARYA & BM REDDY COLLEGE OF PHARMACY

Acharya Dr. Sarvepalli Radhakrishnan Road, Soladevanahalli, Bengaluru -560 107, India



POLICY ON WATER CONSERVATION

SOP No. AI/ABMRCP/AD/008	Version No: 003	Owner: Principal ABMRCP	Page 1 of 6
Date of issue: Jun 2018	Review date: Jun 2021	Applicability: All Staff & Students	

1. Introduction
2. Purpose
3. Scope
4. Objectives
5. Responsibilities

1. Introduction:

Water conservation in educational institutions is an essential endeavor that emphasizes the responsible and efficient use of water resources within campus facilities and operations. As centers of learning and community, educational institutions play a crucial role in promoting sustainable practices and instilling values of environmental stewardship among students, faculty, staff, and the broader community.

In today's world, where freshwater resources are increasingly strained due to population growth, urbanization, and climate change, the significance of water conservation cannot be overstated. Educational institutions, ranging from schools to universities, have a unique opportunity and responsibility to lead by example in implementing water-saving initiatives, fostering awareness, and inspiring action toward sustainable water management.

2. Purpose:

Prepared by	Approved by	Cleared for issue
-sd-	-sd-	A red rectangular stamp with the words 'CONTROLLED COPY' in bold, uppercase letters.
Policy Drafting Committee	Management	Head, Quality Assurance, Acharya Institutes

ACHARYA & BM REDDY COLLEGE OF PHARMACY

Acharya Dr. Sarvepalli Radhakrishnan Road, Soladevanahalli, Bengaluru -560 107, India



POLICY ON WATER CONSERVATION

SOP No. AI/ABMRCP/AD/008	Version No: 003	Owner: Principal ABMRCP	Page 2 of 6
Date of issue: Jun 2018	Review date: Jun 2021	Applicability: All Staff & Students	

Acharya & BM Reddy college of Pharmacy is pioneers in promoting water conservation initiatives for sustainability of green environment. We focus on saving and conserving water in all the possible ways. The major water conservation initiative is having a rainwater harvesting system which includes a four-acre lake inside the campus. Through Rainwater harvesting system the collection and storage of rain is done, rather than allowing it to run off. Rainwater is collected into artificial lake through percolation, so that it seeps down and restores the ground water. The conserved rainwater serves as a secondary source of water. Rainwater harvesting develops new paradigms by creating sustainable solutions to environmental needs of mankind.

3. Scope:

Water conservation in educational institutions involves a comprehensive approach to managing and reducing water usage across various facilities within the campus.

4. Objectives:

- For reducing the loss of water by its running –off.
- To avoid pooling of water of roads.
- For meeting the rising demands of water necessity in the campus.
- To raise the water table underground.
- To reduce soil erosion and provide water to the trees in the campus.
- To minimize pollution, save cost, reduce wastage, mitigate environmental degradation, and improve staff and student health.

Facilities for water conservation:

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SOP No. AI/ABMRCP/AD/008	Version No: 003	Owner: Principal ABMRCP	Page 3 of 6
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- Rainwater harvesting from rooftop run-offs.
- Collection of water at in-built campus lake.
- Well-developed bore well recharge system.
- Low pressure & sensor-based water tabs in some areas of campus.
- Water distribution and recirculation system in the Campus.

Methodology:

- Water must be collected in various methods throughout the campus.
- Collected water must be transported through the pipelines to the lake built in the campus for water conservation.
- Water must be collected in the lake through percolation process as well.
- Water collected in the lake must be filter and treated thoroughly before supplying for the gardening purpose and regular usage.
- To avoid water leaks, pipeline connections and plumbing work are monitored on a regular basis.
- Borewells must be employed for the collection of underground water and for the supplying the same to different water distribution units in the campus.

5. Responsibilities:

Water conservation in educational institutions involves a range of responsibilities distributed across various stakeholders within the campus community. These responsibilities are crucial for implementing effective water-saving initiatives, fostering a culture of sustainability, and ensuring efficient water management. Here are the key responsibilities of different stakeholders in water conservation at educational institutions:

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Acharya Dr. Sarvepalli Radhakrishnan Road, Soladevanahalli, Bengaluru -560 107, India



POLICY ON WATER CONSERVATION

SOP No. AI/ABMRCP/AD/008	Version No: 003	Owner: Principal ABMRCP	Page 4 of 6
Date of issue: Jun 2018	Review date: Jun 2021	Applicability: All Staff & Students	

➤ Administrative Leadership:

Policy Development: Establishing comprehensive water conservation policies, setting clear goals, and outlining strategies to reduce water usage across campus facilities.

Resource Allocation: Allocating funds and resources towards implementing water-saving technologies, infrastructure upgrades, and educational programs focused on water conservation.

➤ Facilities Management and Operations:

Infrastructure Maintenance: Ensuring regular maintenance of plumbing systems, irrigation equipment, and water fixtures to prevent leaks and optimize water efficiency.

Implementing Efficiency Measures: Overseeing the installation of water-saving fixtures, smart irrigation systems, and other technologies to reduce water consumption in buildings and landscapes.

➤ Educational Programs and Student Engagement:

Curriculum Integration: Integrating water conservation topics into educational programs, encouraging research projects, and engaging students in practical initiatives related to water sustainability.

Student Outreach and Engagement: Organizing awareness campaigns, workshops, and student-led initiatives that promote water conservation and encourage behavioral changes among the student body.

➤ Operations and Campus Services:

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SOP No. AI/ABMRCP/AD/008	Version No: 003	Owner: Principal ABMRCP	Page 5 of 6
Date of issue: Jun 2018	Review date: Jun 2021	Applicability: All Staff & Students	

Monitoring and Reporting: Implementing systems to track water consumption, conducting regular audits, and providing transparent reports on water usage to identify areas for improvement.

Implementation of Conservation Measures: Overseeing the execution of water conservation initiatives, including retrofitting facilities, optimizing water-use practices, and ensuring compliance with water-saving policies.

➤ **Community Engagement and Partnerships:**

Collaboration: Building partnerships with local water authorities, environmental organizations, and community groups to share resources, knowledge, and best practices for water conservation.

Public Awareness: Organizing outreach programs, seminars, and community events to involve the broader community in water-saving efforts and advocate for sustainable water practices.

➤ **Research and Development:**

Innovation and Best Practices: Supporting research initiatives focused on developing innovative water-saving technologies, sustainable water management practices, and fostering a culture of continuous improvement in water conservation.

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SOP No. AI/ABMRCP/AD/008	Version No: 003	Owner: Principal ABMRCP	Page 6 of 6
Date of issue: Jun 2018	Review date: Jun 2021	Applicability: All Staff & Students	

➤ Governance and Compliance:

Compliance with Regulations: Ensuring adherence to water conservation regulations, codes, and standards set by local authorities or government agencies.

Advocacy and Policy Influence: Advocating for policies and regulations that promote water conservation and sustainability at both institutional and governmental levels.

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ACHARYA & BM REDDY COLLEGE OF PHARMACY

Acharya Dr. Sarvepalli Radhakrishnan Road, Soladevanahalli, Bengaluru -560 107, India



POLICY ON WATER CONSERVATION

SOP No. AI/ABMRCP/AD/008	Version No: 004	Owner: Principal ABMRCP	Page 1 of 9
Date of issue: Jun 2021	Review date: Jun 2024	Applicability: All Staff & Students	

1. Introduction
2. Purpose
3. Scope
4. Objectives
5. Responsibilities
6. Procedure

1. Introduction:

Water conservation in educational institutions is an essential endeavor that emphasizes the responsible and efficient use of water resources within campus facilities and operations. As centers of learning and community, educational institutions play a crucial role in promoting sustainable practices and instilling values of environmental stewardship among students, faculty, staff, and the broader community.

In today's world, where freshwater resources are increasingly strained due to population growth, urbanization, and climate change, the significance of water conservation cannot be overstated. Educational institutions, ranging from schools to universities, have a unique opportunity and responsibility to lead by example in implementing water-saving initiatives, fostering awareness, and inspiring action toward sustainable water management.

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POLICY ON WATER CONSERVATION

SOP No. AI/ABMRCP/AD/008	Version No: 004	Owner: Principal ABMRCP	Page 2 of 9
Date of issue: Jun 2021	Review date: Jun 2024	Applicability: All Staff & Students	

2. Purpose:

Acharya & BM Reddy college of Pharmacy is pioneers in promoting water conservation initiatives for sustainability of green environment. We focus on saving and conserving water in all the possible ways. The major water conservation initiative is having a rainwater harvesting system which includes a four-acre lake inside the campus. Through Rainwater harvesting system the collection and storage of rain is done, rather than allowing it to run off. Rainwater is collected into artificial lake through percolation, so that it seeps down and restores the ground water. The conserved rainwater serves as a secondary source of water. Rainwater harvesting develops new paradigms by creating sustainable solutions to environmental needs of mankind.

3. Scope:

Water conservation in educational institutions involves a comprehensive approach to managing and reducing water usage across various facilities within the campus.

4. Objectives:

- For reducing the loss of water by its running –off.
- To avoid pooling of water of roads.
- For meeting the rising demands of water necessity in the campus.
- To raise the water table underground.
- To reduce soil erosion and provide water to the trees in the campus.
- To minimize pollution, save cost, reduce wastage, mitigate environmental degradation, and improve staff and student health.

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ACHARYA & BM REDDY COLLEGE OF PHARMACY

Acharya Dr. Sarvepalli Radhakrishnan Road, Soladevanahalli, Bengaluru -560 107, India



POLICY ON WATER CONSERVATION

SOP No. AI/ABMRCP/AD/008	Version No: 004	Owner: Principal ABMRCP	Page 3 of 9
Date of issue: Jun 2021	Review date: Jun 2024	Applicability: All Staff & Students	

Facilities for water conservation:

- Rainwater harvesting from rooftop run-offs.
- Collection of water at in-built campus lake.
- Well-developed bore well recharge system.
- Low pressure & sensor-based water tabs in some areas of campus.
- Water distribution and recirculation system in the Campus.

Methodology:

- Water must be collected in various methods throughout the campus.
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- Borewells must be employed for the collection of underground water and for the supplying the same to different water distribution units in the campus.

5. Responsibilities:

Water conservation in educational institutions involves a range of responsibilities distributed across various stakeholders within the campus community. These responsibilities are crucial for implementing effective water-saving initiatives, fostering a culture of sustainability, and

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POLICY ON WATER CONSERVATION

SOP No. AI/ABMRCP/AD/008	Version No: 004	Owner: Principal ABMRCP	Page 4 of 9
Date of issue: Jun 2021	Review date: Jun 2024	Applicability: All Staff & Students	

ensuring efficient water management. Here are the key responsibilities of different stakeholders in water conservation at educational institutions:

➤ **Administrative Leadership:**

Policy Development: Establishing comprehensive water conservation policies, setting clear goals, and outlining strategies to reduce water usage across campus facilities.

Resource Allocation: Allocating funds and resources towards implementing water-saving technologies, infrastructure upgrades, and educational programs focused on water conservation.

➤ **Facilities Management and Operations:**

Infrastructure Maintenance: Ensuring regular maintenance of plumbing systems, irrigation equipment, and water fixtures to prevent leaks and optimize water efficiency.

Implementing Efficiency Measures: Overseeing the installation of water-saving fixtures, smart irrigation systems, and other technologies to reduce water consumption in buildings and landscapes.

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Curriculum Integration: Integrating water conservation topics into educational programs, encouraging research projects, and engaging students in practical initiatives related to water sustainability.

Student Outreach and Engagement: Organizing awareness campaigns, workshops, and student-led initiatives that promote water conservation and encourage behavioral changes among the student body.

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SOP No. AI/ABMRCP/AD/008	Version No: 004	Owner: Principal ABMRCP	Page 5 of 9
Date of issue: Jun 2021	Review date: Jun 2024	Applicability: All Staff & Students	

➤ Operations and Campus Services:

Monitoring and Reporting: Implementing systems to track water consumption, conducting regular audits, and providing transparent reports on water usage to identify areas for improvement.

Implementation of Conservation Measures: Overseeing the execution of water conservation initiatives, including retrofitting facilities, optimizing water-use practices, and ensuring compliance with water-saving policies.

➤ Community Engagement and Partnerships:

Collaboration: Building partnerships with local water authorities, environmental organizations, and community groups to share resources, knowledge, and best practices for water conservation.

Public Awareness: Organizing outreach programs, seminars, and community events to involve the broader community in water-saving efforts and advocate for sustainable water practices.

➤ Research and Development:

Innovation and Best Practices: Supporting research initiatives focused on developing innovative water-saving technologies, sustainable water management practices, and fostering a culture of continuous improvement in water conservation.

➤ Governance and Compliance:

Compliance with Regulations: Ensuring adherence to water conservation regulations, codes, and standards set by local authorities or government agencies.

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POLICY ON WATER CONSERVATION

SOP No. AI/ABMRCP/AD/008	Version No: 004	Owner: Principal ABMRCP	Page 6 of 9
Date of issue: Jun 2021	Review date: Jun 2024	Applicability: All Staff & Students	

Advocacy and Policy Influence: Advocating for policies and regulations that promote water conservation and sustainability at both institutional and governmental levels.

6. Procedure

Formation of Water Conservation Committee:

Establish a Water Conservation Committee comprising representatives from various university departments, including facilities management, environmental science, engineering, and student organizations.

Appointment of Water Conservation Coordinator:

Appoint a Water Conservation Coordinator responsible for overseeing the implementation of water conservation initiatives, coordinating with the Water Conservation Committee, and ensuring compliance with water-saving measures.

Water Audit and Assessment:

Conduct a comprehensive water audit to assess current water consumption patterns and identify areas for improvement.

Analyze water usage across different campus facilities and landscaping.

Development of Water Conservation Policies:

Collaborate with the Water Conservation Committee to develop clear and comprehensive water conservation policies outlining standards, responsibilities, and procedures.

Ensure alignment with local water regulations and sustainability goals.

Water-efficient Landscaping:

Implement water-efficient landscaping practices, including the use of native plants, drought-resistant species, and efficient irrigation systems.

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POLICY ON WATER CONSERVATION

SOP No. AI/ABMRCP/AD/008	Version No: 004	Owner: Principal ABMRCP	Page 7 of 9
Date of issue: Jun 2021	Review date: Jun 2024	Applicability: All Staff & Students	

Establish a landscaping plan that minimizes water usage while maintaining green spaces.

Water Recycling and Reuse:

Explore and implement water recycling and reuse systems for non-potable purposes, such as irrigation and cooling.

Invest in technologies that treat and repurpose greywater from campus buildings.

Leak Detection and Repair:

Establish a regular program for leak detection and repair across campus facilities.

Train maintenance staff to promptly identify and address leaks in plumbing systems.

Educational Programs:

Conduct educational programs to raise awareness about the importance of water conservation among students, faculty, and staff.

Use workshops, seminars, and campaigns to promote water-saving behaviors.

Water-efficient Appliances and Fixtures:

Install water-efficient appliances and fixtures, including low-flow toilets, faucets, and showerheads, in campus buildings.

Implement a policy to prioritize the use of water-efficient technologies during renovations and new constructions.

Metering and Monitoring:

Install water meters to monitor consumption in different buildings and areas.

Use real-time monitoring systems to identify abnormal water usage patterns and address issues promptly.

Prepared by	Approved by	Cleared for issue
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Policy Drafting Committee	Management	Head, Quality Assurance, Acharya Institutes

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POLICY ON WATER CONSERVATION

SOP No. AI/ABMRCP/AD/008	Version No: 004	Owner: Principal ABMRCP	Page 8 of 9
Date of issue: Jun 2021	Review date: Jun 2024	Applicability: All Staff & Students	

Rainwater Harvesting:

Implement rainwater harvesting systems to collect and store rainwater for non-potable purposes.

Utilize harvested rainwater for landscape irrigation and other campus needs.

Policy Integration:

Integrate water conservation measures into the university's policies and procedures.

Ensure that all new construction and renovation projects adhere to water efficiency standards.

Community Engagement:

Encourage students, faculty, and staff to actively participate in water conservation efforts.

Establish water-saving competitions, challenges, or rewards to engage the campus community.

Regular Audits and Assessments:

Conduct periodic audits of water conservation practices to assess their effectiveness.

Use audit results to identify areas for improvement and adjust water conservation strategies accordingly.

Feedback Mechanism:

Establish a feedback mechanism for the campus community to report water-related concerns or suggest water-saving ideas.

Use feedback to refine and improve water conservation initiatives.

Monitoring and Reporting:

Establish a system for monitoring water consumption, leak repairs, and the overall performance of water conservation initiatives.

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Policy Drafting Committee	Management	Head, Quality Assurance, Acharya Institutes

ACHARYA & BM REDDY COLLEGE OF PHARMACY

Acharya Dr. Sarvepalli Radhakrishnan Road, Soladevanahalli, Bengaluru -560 107, India



POLICY ON WATER CONSERVATION

SOP No. AI/ABMRCP/AD/008	Version No: 004	Owner: Principal ABMRCP	Page 9 of 9
Date of issue: Jun 2021	Review date: Jun 2024	Applicability: All Staff & Students	

Generate regular reports to communicate achievements and identify areas for further improvement.

Continuous Improvement:

Foster a culture of continuous improvement within the water conservation team.

Regularly review processes and seek innovative solutions to enhance water efficiency.

Compliance and Accountability:

Ensure compliance with water conservation policies across all university departments and individuals.

Integrate water conservation considerations into performance evaluations and accountability frameworks.

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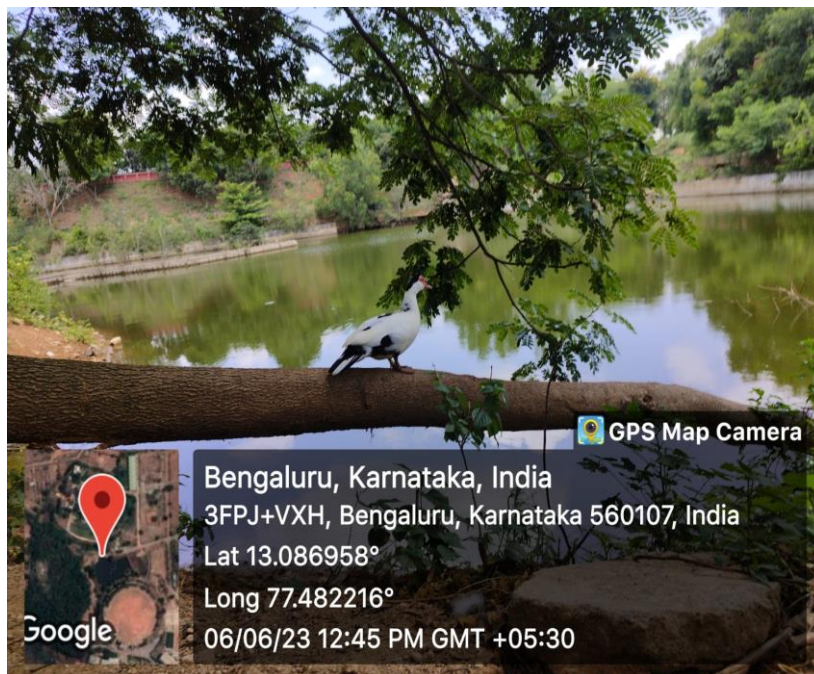
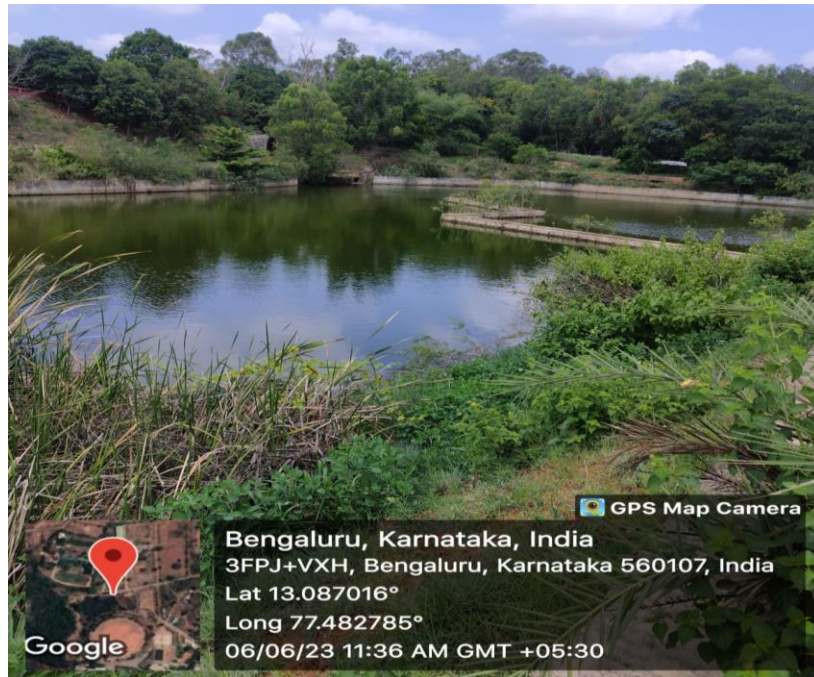
ACHARYA & BM REDDY COLLEGE OF PHARMACY, Bengaluru-560107

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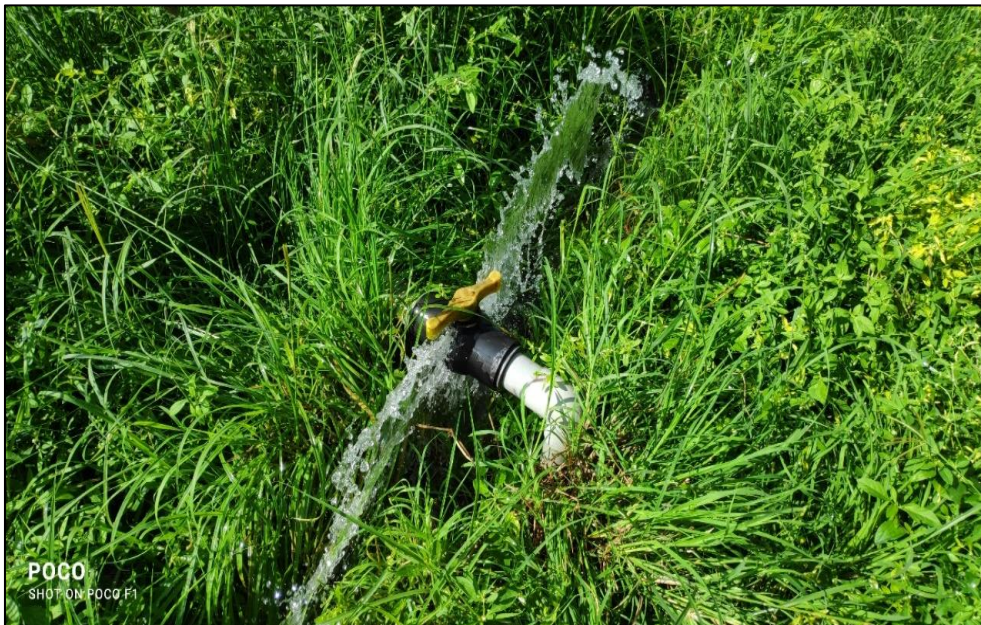


Rainwater Harvesting and Recycling

The campus has its own rainwater harvesting system which includes a four-acre artificial lake. Through Rainwater harvesting system the collection and storage of rain is done, rather than allowing it to run off. Rainwater is collected into artificial lake through percolation, so that it seeps down and restores the ground water. The collected water is used for farming and gardening in the campus.



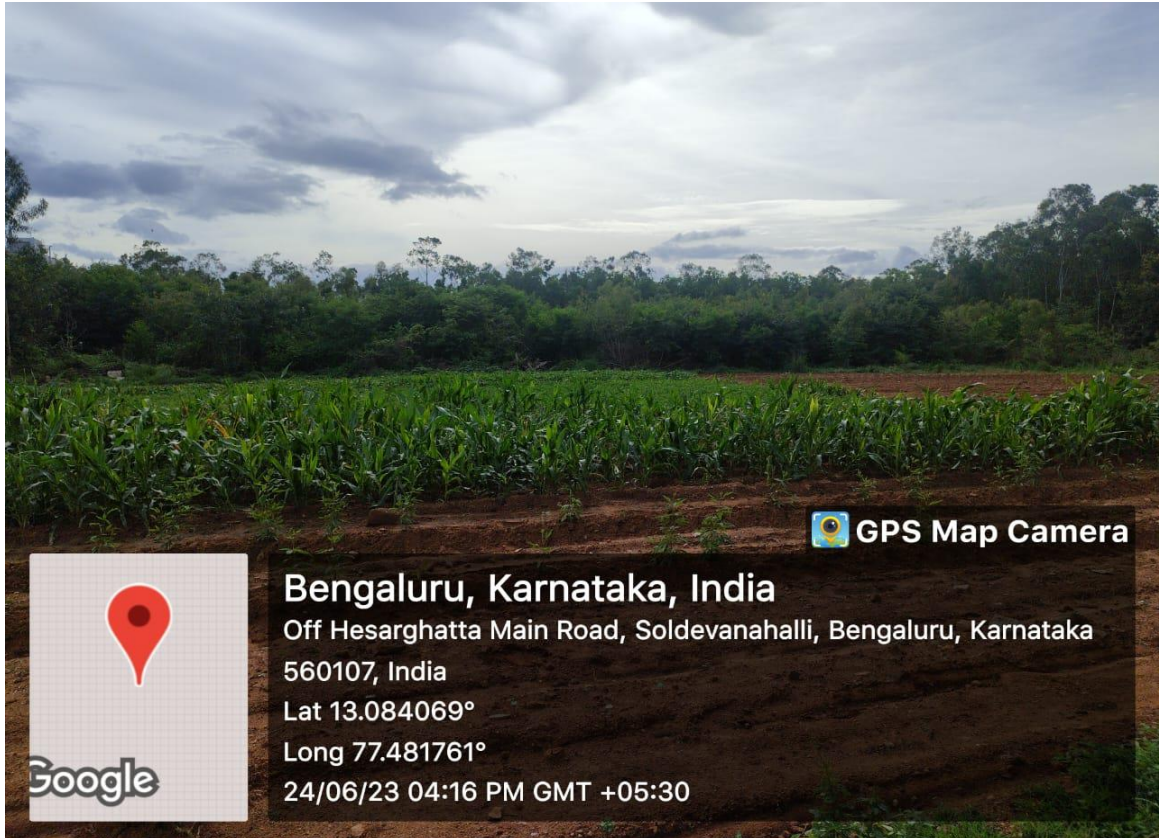
Rainwater Harvesting in Artificial Lake



Photos of Borewells and Water Circulation from the Artificial Lake



Harvested Rainwater Usage for Gardening



Harvested Rainwater Usage for Farming

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“Save Water” Signage Boards



“Save Water” Signage Boards in Toilets

ACHARYA & BM REDDY COLLEGE OF PHARMACY, Bengaluru-560107

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Bills and Invoices



JMJ EDUCATION SOCIETY (Regd.)

ACHARYA

B.M. REDDY
President

B. PREMNATH REDDY
Secretary

PURCHASE ORDER

Invoice To: ACHARYA INSTITUTE OF TECHNOLOGY No.89/90, Soladevahahalli, Hesaraghatta Main Road, Chikhanavara, Bangalore - 560090 Email-Id: purchase@acharya.ac.in State Name: Karnataka Code: 29	Purchase order No: ATI/18/175	Date: 27-10-2018
Supplier: Seagull Technologies Mr. Lokesh S Y No.14,1st cross,kanakanagar,Pattegarpalya Main Road Near Crystal Car Care, Vijaynagar Bangalore-560072, & 080-23386176 Karnataka Gst No: 29ACSPL8536C125 M-Id:seagulltechnologies.94@gmail.com PH:9141333811 PAN No:ACSPL8536C	Store Name CENTRAL STORES	Destination ANA Block.
	Quotation No: 1015 Dt. 12.10.2018.	Other Reference Maintenance/Facilities
	Terms Payment: 100% Advance	
	Terms of Delivery 1. Taxes are included in total amount. 2. Delivery immediate. 3. Installation and Transportation charges are included in total amount. 4. Multi Stain Round Cable consumption will be on actual.	

Sl.No	Goods Description	Quantity	UOM	Rate	GST %	Disc %	Amount
1	Water Level Sensor Single Phase Trigger System With Plastic Moulded Stainless Steel Sensors.	4750	Nos	1	18%	0%	4750.00
2	6 Core multi strand wires Rounded open Cable.	50	Mts	25	18%	0%	1250.00
Total Amount							₹ 6000.00
DISC Total							₹ 0.00
GST Total							₹ 1080.00
Grand Total(Rounded off)							₹ 7080

Amount in Words
Seven Thousand Eighty Rupees Only

E.&O.E

Bank Details:
Account Holder Name: Seagull Technologies
Bank Name: Karnataka Bank Ltd.
Bank branch: Amarjyothinagar
Account No: 1242000100083901
Bank IFSC NO: KARB0000124

Remarks:
Kindly acknowledge the Order.

For ACHARYA INSTITUTE OF TECHNOLOGY

Authorized Signatory



D. Green Campus Initiatives

Sl. No.	Related Documents
1.	Policy Documents
2.	Rich Vegetation and Gardening in the Institution
3.	Survey on Flora and Fauna of Acharya Campus
4.	Restricted Automobile Movement in Campus
5.	Pedestrian Friendly Pathways
6.	Bills and Invoices

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Policy Documents

ACHARYA & BM REDDY COLLEGE OF PHARMACY

Acharya Dr. Sarvepalli Radhakrishnan Road, Soladevanahalli, Bengaluru -560 107, India



POLICY ON GREEN CAMPUS

SOP No. AI/ABMRCP/AD/005	Version No: 003	Owner: Principal ABMRCP	Page 1 of 7
Date of issue: Jun 2018	Review date: Jun 2021	Applicability: All Staffs & Students	

1. Introduction
2. Purpose
3. Scope
4. Objectives
5. Responsibilities

1. Introduction:

A green campus, also known as an eco-friendly or sustainable campus, is a holistic approach to creating an environmentally conscious and resource-efficient educational institution. It encompasses various strategies, initiatives, and practices aimed at minimizing the ecological footprint while fostering a culture of sustainability among students, faculty, and staff.

The concept of a green campus revolves around integrating sustainability into all aspects of campus life, including infrastructure, operations, curriculum, and community engagement. This approach focuses on reducing energy consumption, conserving water, managing waste effectively, promoting green transportation, preserving biodiversity, and utilizing renewable resources.

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POLICY ON GREEN CAMPUS

SOP No. AI/ABMRCP/AD/005	Version No: 003	Owner: Principal ABMRCP	Page 2 of 7
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Through sustainable building designs, the use of energy-efficient technologies, implementing recycling programs, encouraging the use of public transportation or cycling, and adopting green spaces, a green campus aims to mitigate environmental impacts and promote a healthier, more sustainable environment for learning and living.

Moreover, a green campus serves as an educational platform, providing opportunities for students to learn about sustainability, environmental stewardship, and the importance of adopting eco-friendly practices. It encourages research and innovation in sustainability-related fields and fosters a sense of responsibility towards the planet among the campus community.

2. Purpose:

The purpose of a green campus encompasses several interconnected objectives aimed at fostering sustainability, environmental stewardship, and holistic well-being within educational institutions. Some of the key purposes include:

- **Environmental Conservation:** Green campuses strive to minimize environmental impact by reducing carbon emissions, conserving natural resources like water and energy, managing waste effectively through recycling and composting, and preserving biodiversity within the campus environment.
- **Sustainable Infrastructure:** The purpose involves designing, constructing, and maintaining eco-friendly buildings and facilities by incorporating energy-efficient systems, renewable energy sources, green roofs, rainwater harvesting, and other sustainable infrastructure practices.
- **Education and Awareness:** Green campuses serve as living laboratories for sustainability education. They provide opportunities for students, faculty, and staff to

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engage in learning about environmental issues, sustainable practices, and solutions, fostering a culture of environmental awareness and responsibility.

- **Community Engagement:** These campuses often engage with the local community to promote sustainability initiatives, share knowledge, and collaborate on projects that benefit both the campus and the surrounding area. This collaboration may involve partnerships with local businesses, governments, and nonprofit organizations to advance sustainability goals.
- **Health and Well-being:** Creating a green campus includes prioritizing the health and well-being of the campus community. This involves providing access to green spaces, promoting active transportation options like walking and cycling, and ensuring healthy indoor environments through improved air quality and natural lighting.
- **Cost Savings and Efficiency:** Implementing sustainable practices often leads to cost savings in the long term. Energy-efficient buildings, reduced water consumption, and waste management strategies not only benefit the environment but also contribute to financial savings for the institution.
- **Innovation and Research:** Green campuses support research and innovation in sustainability-related fields. They encourage the development of new technologies, methodologies, and solutions to address environmental challenges, providing opportunities for students and researchers to contribute to global sustainability efforts.

3. Scope:

The scope of a green campus is comprehensive and multifaceted, encompassing various aspects of sustainability and environmental consciousness within the educational institution

4. Objectives:

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POLICY ON GREEN CAMPUS

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The objectives of a green campus revolve around creating a sustainable and environmentally conscious educational institution that actively works towards reducing its ecological footprint while fostering a culture of sustainability among students, faculty, staff, and the broader community. Some key objectives include:

- **Environmental Conservation:** Promoting practices and initiatives aimed at reducing the campus's environmental impact by minimizing energy consumption, conserving water, managing waste effectively, and preserving biodiversity.
- **Energy Efficiency and Renewable Energy:** Implementing energy-saving measures, utilizing renewable energy sources such as solar, wind, or geothermal energy, and adopting energy-efficient technologies to reduce reliance on non-renewable resources and lower carbon emissions.
- **Sustainable Infrastructure:** Designing, constructing, and maintaining buildings and facilities with a focus on sustainability, utilizing green building principles, eco-friendly materials, and efficient systems for water, electricity, and heating/cooling.
- **Waste Management and Recycling:** Establishing robust waste management practices that prioritize recycling, composting, and reducing the generation of waste to minimize the amount of material sent to landfills.
- **Education and Awareness:** Integrating sustainability into the curriculum, promoting environmental education, and organizing awareness campaigns and events to engage and educate students, faculty, and staff about sustainable practices.
- **Transportation and Mobility:** Encouraging the use of sustainable transportation options such as biking, walking, carpooling, and public transit to reduce carbon emissions associated with commuting to and from the campus.

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POLICY ON GREEN CAMPUS

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- **Green Spaces and Biodiversity Preservation:** Creating and maintaining green spaces, gardens, and natural habitats on campus to enhance biodiversity, improve air quality, and provide areas for relaxation and recreation.
- **Community Engagement and Partnerships:** Collaborating with local communities, governments, businesses, and organizations to share knowledge, resources, and best practices in sustainability, and actively participating in broader sustainability initiatives beyond the campus.
- **Health and Well-being:** Prioritizing the health and well-being of the campus community by ensuring healthy indoor environments, promoting physical activity, and providing access to nature and green spaces.
- **Continuous Improvement and Innovation:** Fostering a culture of continuous improvement by regularly assessing environmental performance, conducting research, implementing innovative solutions, and adopting new technologies to further enhance sustainability efforts.

5. Responsibilities:

Maintaining a green campus involves ongoing efforts and responsibilities to ensure the sustainability initiatives and practices are sustained and improved over time.

- **Regular Assessment and Monitoring:** Continuously monitoring and assessing the campus's environmental impact, energy consumption, waste generation, water usage, and overall sustainability performance. This helps in identifying areas for improvement and tracking progress towards sustainability goals.
- **Education and Outreach Programs:** Sustaining educational programs, workshops, and awareness campaigns to keep the campus community engaged and informed about sustainability initiatives. Encouraging ongoing learning and participation in eco-friendly practices.

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POLICY ON GREEN CAMPUS

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2. Purpose
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6. Procedure

Formation of Green Campus Committee:

Establish a Green Campus Committee comprising representatives from various university departments, including sustainability, facilities management, administration, and student organizations.

Appointment of Sustainability Coordinator:

Appoint a Sustainability Coordinator responsible for overseeing the implementation of green initiatives, coordinating with the Green Campus Committee, and ensuring the integration of sustainability practices across the university.

Sustainability Assessment:

Conduct a comprehensive sustainability assessment to identify the current environmental impact of the university.

Evaluate energy consumption, water usage, waste generation, and overall carbon footprint.

Development of a Green Campus Plan:

Collaborate with the Green Campus Committee to develop a detailed Green Campus Plan outlining specific goals, targets, and timelines for achieving sustainability objectives.

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Policy Drafting Committee	Management	Head, Quality Assurance, Acharya Institutes

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POLICY ON GREEN CAMPUS

SOP No. AI/ABMRCP/AD/005	Version No: 004	Owner: Principal ABMRCP	Page 8 of 10
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Ensure alignment with local, national, and international sustainability standards.

Energy Efficiency and Conservation:

a. *Energy Audit:*

Conduct an energy audit to identify areas for improvement in energy efficiency.

Set targets for reducing energy consumption and increasing the use of renewable energy sources.

b. *Alternative Energy Sources:*

Investigate and implement alternative energy sources such as solar, wind, or geothermal power.

Install solar panels on suitable buildings and explore partnerships with renewable energy providers.

Water Conservation:

Implement water conservation measures, including the installation of water-efficient fixtures and landscaping practices.

Promote awareness among the campus community about the importance of water conservation.

Waste Reduction and Recycling:

Establish a comprehensive waste reduction and recycling program.

Provide recycling bins across campus and educate students, faculty, and staff about proper waste disposal.

Green Building Practices:

Incorporate sustainable design and construction practices in new buildings and renovations.

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POLICY ON GREEN CAMPUS

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Seek certifications such as LEED (Leadership in Energy and Environmental Design) for sustainable building projects.

Biodiversity and Green Spaces:

Enhance green spaces on campus, promoting biodiversity and providing natural habitats.

Develop and maintain campus gardens, green roofs, and native plant landscapes.

Sustainable Transportation:

Promote sustainable transportation options such as biking, walking, and carpooling.

Provide designated parking for electric vehicles and support the use of public transportation.

Environmental Education and Awareness:

Integrate environmental education into the curriculum.

Conduct awareness campaigns, workshops, and seminars to educate the campus community about sustainable practices.

Community Engagement:

Foster partnerships with local environmental organizations and community groups.

Encourage students, faculty, and staff to participate in community-based environmental projects.

Green Procurement Policies:

Develop and implement green procurement policies that prioritize environmentally friendly products and services.

Collaborate with suppliers and vendors committed to sustainable practices.

Monitoring and Reporting:

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Establish a system for monitoring and reporting progress toward sustainability goals.
Generate regular reports to communicate achievements, challenges, and areas for improvement.

Feedback Mechanism:

Create a feedback mechanism for the campus community to provide suggestions and report environmental concerns.

Use feedback to refine and improve sustainability initiatives.

Periodic Review and Continuous Improvement:

Conduct regular reviews of the Green Campus Plan to assess progress and identify new opportunities for improvement.

Update the plan as needed to incorporate evolving sustainability standards and best practices.

Compliance and Accountability:

Ensure compliance with green campus policies across all university departments and individuals.

Integrate sustainability considerations into performance evaluations and accountability frameworks.

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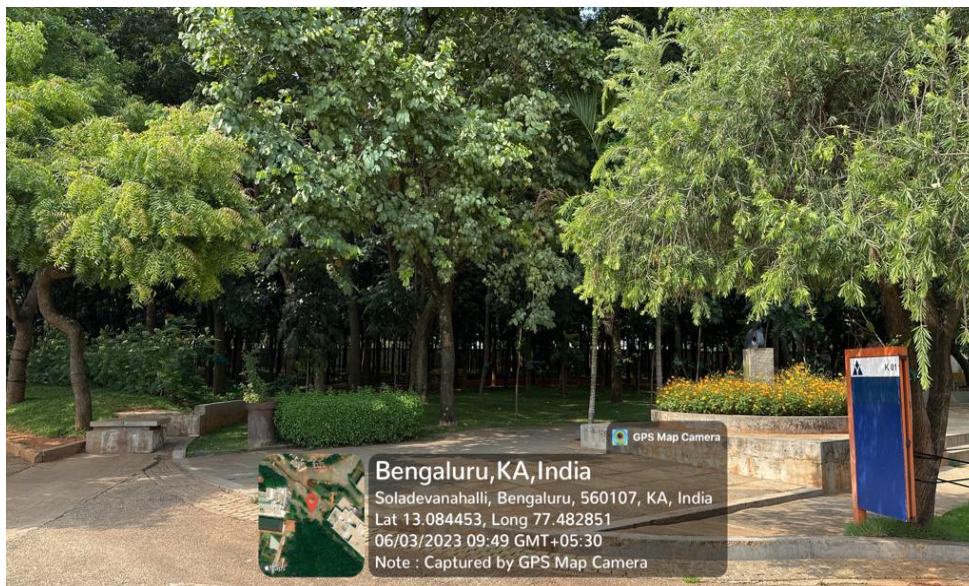
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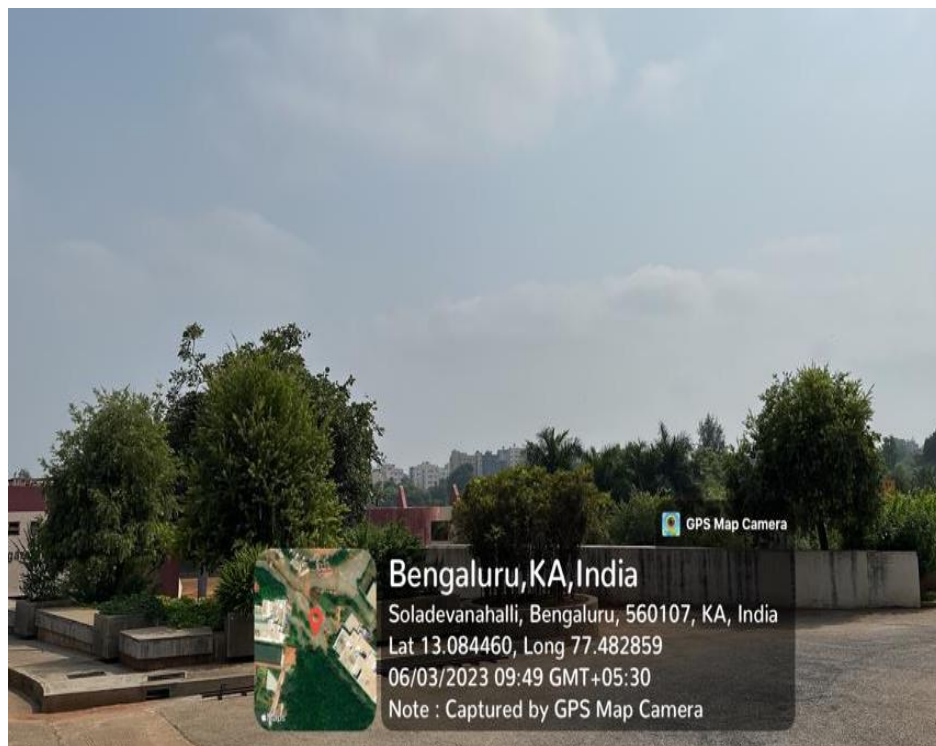
Rich Vegetation and Gardening in Campus



Few of the initiatives undertaken by ABMRCP for the maintaining an eco-friendly campus are planting trees and garden landscaping throughout the campus; plastic ban, restricted entry of automobiles and allocated parking for two-wheeler and four-wheeler vehicles to control pollution in the campus; and pedestrian friendly pathways are designed throughout the campus for the safety of staff and students of ABMRCP. Photos of the same are provided below.



Rich vegetation and gardening in the institute



Trees and Garden Landscaping in the Campus

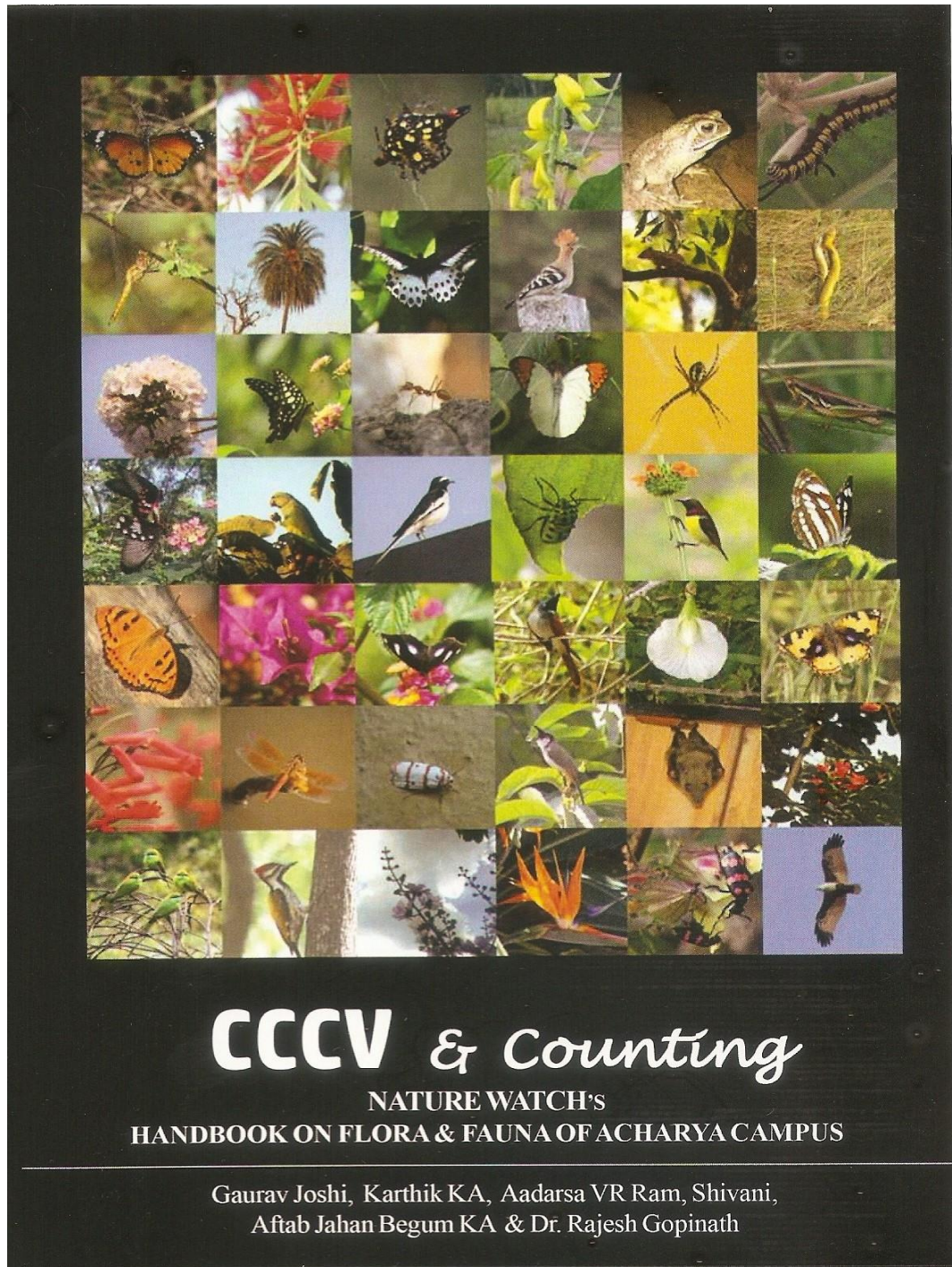
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Survey on Flora and Fauna of Acharya Campus

A comprehensive examination of the flora and fauna present on Acharya Campus was undertaken with the primary goal of elucidating the profound significance and influence that these elements of biodiversity wield on the well-being and experiences of both students and staff. This initiative, framed within the context of promoting environmental consciousness and sustainability, aimed to unravel the intricate relationships between the diverse plant and animal life inhabiting the campus and the human community coexisting within its bounds.



Cover Page of Handbook Enclosing the Survey



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Species Count



- Flora: 74
- Mammals : 4
- Reptiles : 4
- Birds: 62
- Butterflies : 53
- Moths : 15
- Spiders : 10
- Odonates : 9
- Other Insects : 38
- Amphibian : 1
- Mollusc : 1
- Others : 34



Preview of Diverse Species



Shri. Ashok Sengupta
Expert on Butterflies

Dear Readers,

The world of insects is a very special one. Of the myriads of amazing insect species found in our planet, butterflies have always attracted human beings towards them. These attractive and colourful flying jewels plays an important role maintaining the food chain of nature and also are an indicator of healthy eco-system. Butterflies undergo a magical metamorphosis in their early stages of life where a creepy looking caterpillar turns into a beautiful flying insect after evolving from the pupa. World has more than 25000 species of butterflies and India has more than 1200 known species divided into five families. The Swallow-tails, Yellow and Whites, Brush Footed Butterflies, Blues, metal Marks and Skippers constitutes the world of butterflies. Study of butterflies not only leads us to reveal many secrets of nature but also fills us with lot of happiness. As a child, as scholar or as citizen scientist, we have a duty to conserve the eco-system so that we live happily with these winged beauties around us. I am more than pleased to introduce you to the birds found in and around the campus.





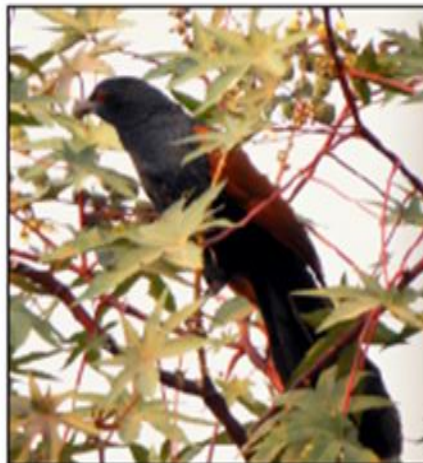
Greater Coucal *Centropus sinensis*

Kingdom: Animalia
Phylum: Chordata
Class: Aves
Order: Cuculiformes
Family: Cuculidae
Genus: *Centropus*
Species: *C. sinensis*



© M Nikhil

Greater Coucal or Crow Pheasant (*Centropus sinensis*), is a large non-parasitic member of the cuckoo order of birds, the Cuculiformes. It is a widespread resident in Asia. They are large, crow-like with a long tail and coppery brown wings and found in wide range of habitats from jungle to cultivation and urban gardens. They are weak fliers, and are often seen clambering about in vegetation or walking on the ground as they forage for insects, eggs and nestlings of other birds. They have a very deep resonant call. Both sexes are similar in plumage, but females are slightly larger. Greater coucals are monogamous, and the courtship display involves chases on the ground and the male brings food gifts for the female.



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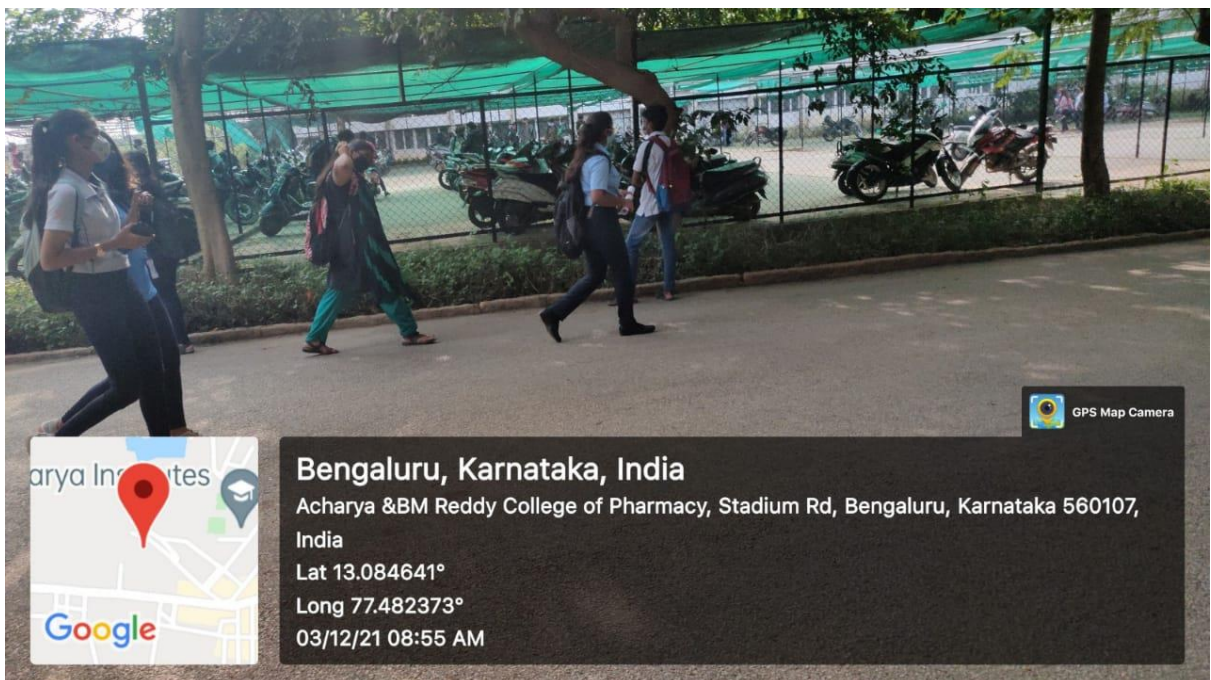
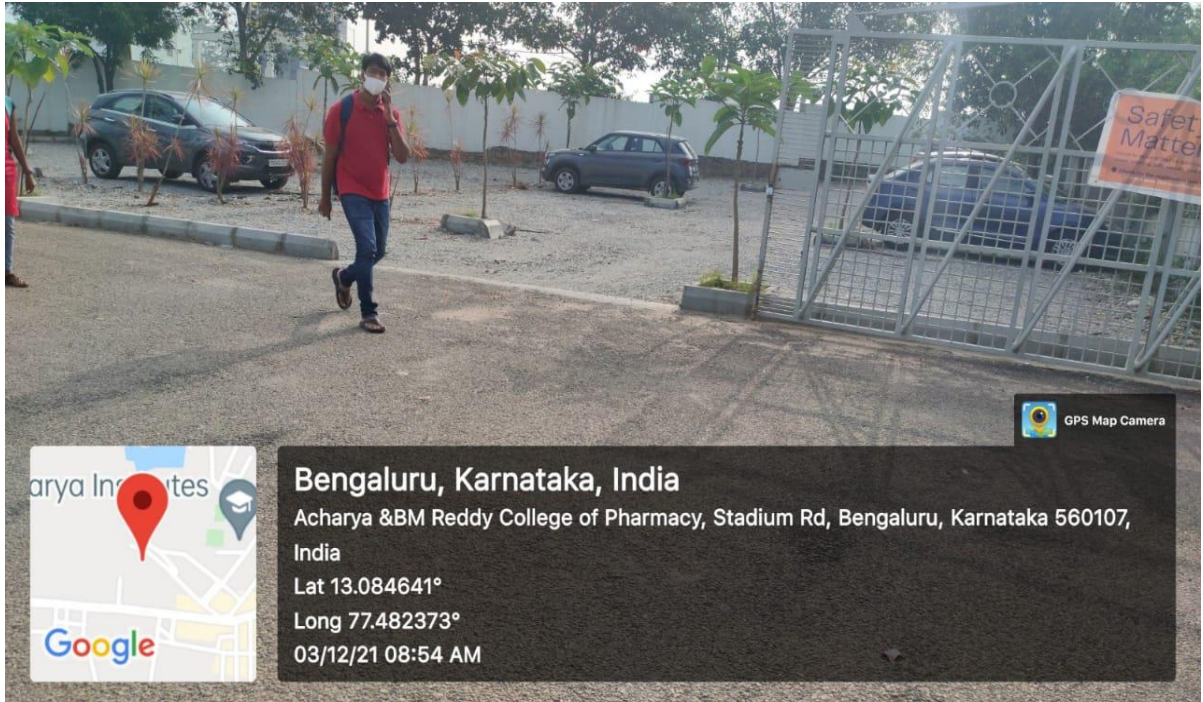
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Restricted Automobile Movement in Campus



Photos of Four-wheeler parking and pedestrian friendly pathways in the campus



Photos of Two-wheeler parking and pedestrian friendly pathways in the campus


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Bills and Invoices





JMJ EDUCATION SOCIETY (Regd.)
ACHARYA

B.M. REDDY
President

B. PREMNATH REDDY
Secretary

PURCHASE ORDER - GRN

Invoice To JMJ EDUCATION SOCIETY (Regd.) ACHARYA INSTITUTE OF TECHNOLOGY No 89/90, Soladevanahalli, Hesaraghatta Main Road, Chikbanavara, Bangalore - 560090 Email-Id: purchase@acharya.ac.in State Name: Karnataka Code: 29	Purchase order No AIT/22/1132	Date: 19-10-2022
Supplier: ESSAR DIESEL SERVICES SHIVARAJU.V.D NO 97,OMKAR NILAYA,1ST "A"MAIN,3RD CROSS RAJARAJESHWARI LAYOUT BENGALURU-560056 Karnataka Gst No: 29ATOPSI286R1ZF M-Id:essardiesel.ed@gmail.com PH:9741494887 PAN No:ATOPSI286R	Quotation No: RO- AIT/21/395, DT - 01.12.2021	Other Reference Mr. Praveen B B.
Terms Payment: 50% Advance 50% After completion of six months		
Terms of Delivery 1. Taxes are included in total amount. 2. Services from 01st September 2022, to 30th September 2023. 3. Transportation charges are included in total amount. 4. Agreement for scope of work as per Annexure enclosed.		

Sl.No	Goods Description / Service	Quantity	UOM	Rate	GST %	Disc %	Amount
1	Annual Maintenance Contract-100KVA Kirloskar Green Generator(Mech Block) Labour.	1	Nos	7500	18%	0%	7500.00
2	Annual Maintenance Contract-50KVA Kirloskar Green Generator(STP plant) Labour.	1	Nos	6750	18%	0%	6750.00
3	Annual Maintenance Contract-63KVA Kirloskar green Generator(CPRD) Labour.	1	Nos	6750	18%	0%	6750.00
4	Annual Maintenance Contract-25KVA Kirloskar Green Generator(EC Block) Labour.	1	Nos	6500	18%	0%	6500.00
5	Annual Maintenance Contract-50KVA Kirloskar Green Generator(IS/CS Block) Labour.	1	Nos	6750	18%	0%	6750.00
6	Annual Maintenance Contract-50KVA Kirloskar Green Generator(MBA Block) Labour.	1	Nos	6750	18%	0%	6750.00
7	Annual Maintenance Contract-125KVA Kirloskar green Generator(Arach Block) Labour.	1	Nos	7600	18%	0%	7600.00
8	Annual Maintenance Contract-40KVA Kirloskar green Generator (Hostel Block) Labour.	1	Nos	6750	18%	0%	6750.00
9	Annual Maintenance Contract-200KVA Kirloskar Green Generator(Hostel Block) Labour.	1	Nos	8250	18%	0%	8250.00
10	Annual Maintenance Contract-25KVA Kirloskar Green Generator(admin block) Labour.	1	Nos	6500	18%	0%	6500.00
11	Annual Maintenance Contract-30KVA Kirloskar green GENERATOR(CITY OFFICE) Labour.	1	Nos	6750	18%	0%	6750.00

Principal

Acharya Dr. Sarvepalli Radhakrishnan Road, Acharya P.O., Bangalore - 560107, Karnataka, India. www.acharya.ac.in
 Ph: +91 80 225 555 55 Fax: +91 80 237 002 4 Acharya & BM Reddy College of Pharmacy
 Bengaluru - 560 107

Purchase Order of Power Generator



E. Disabled- friendly, barrier free environment

Sl. No.	Related Documents
1.	Policy Documents
2.	Ramps to Access College Labs, Classrooms and Common Rooms
3.	Wheelchair Availability in the College
4.	Disabled Friendly Toilet

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Policy Documents

ACHARYA & BM REDDY COLLEGE OF PHARMACY

Acharya Dr. Sarvepalli Radhakrishnan Road, Soladevanahalli, Bengaluru -560 107, India



POLICY ON DISABLED- FRIENDLY , BARRIER FREE ENVIRONMENT

SOP No. AI/ABMRCP/AD/002	Version No: 003	Owner: Principal ABMRCP	Page 1 of 7
Date of issue: Jun 2018	Review date: Jun 2021	Applicability: All Staffs & Students	

1. Introduction
2. Purpose
3. Scope
4. Objectives
5. Responsibilities

1. Introduction:

Creating a disabled-friendly, barrier-free environment is essential for ensuring inclusivity and accessibility for all individuals, regardless of their physical abilities. It involves the design and implementation of spaces, infrastructure, and services that cater to the needs of people with disabilities, enabling them to navigate and utilize facilities comfortably and independently.

In a disabled-friendly environment, various considerations are taken into account to remove physical, cognitive, and social barriers. This encompasses wheelchair accessibility, ramps, handrails, wider doorways, tactile paths for visually impaired individuals, accessible restroom facilities, elevators, and properly marked signage. Furthermore, it extends to the integration of assistive technologies, such as hearing loops, braille displays, or voice-activated systems, to facilitate seamless interaction and participation for all.

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Policy Drafting Committee	Management	Head, Quality Assurance, Acharya Institutes

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2. Purpose:

The purpose of a disabled-friendly, barrier-free environment is multifaceted and encompasses several crucial aspects:

- **Inclusivity and Equality:** The primary purpose is to create an inclusive society where individuals with disabilities have equal access to opportunities, services, and facilities. It aims to remove physical, social, and attitudinal barriers that hinder their full participation in various aspects of life.
- **Accessibility and Independence:** A disabled-friendly environment aims to provide easy access to spaces and services, enabling people with disabilities to navigate and utilize them independently. This independence fosters confidence, self-reliance, and a sense of empowerment among individuals with disabilities.
- **Health and Well-being:** Access to barrier-free environments positively impacts the physical and mental well-being of individuals with disabilities. It promotes better mobility, reduces stress, and enhances overall quality of life by enabling them to engage more actively in their communities.
- **Legal and Ethical Compliance:** Many countries have regulations and laws mandating the creation of accessible environments to ensure the rights of individuals with disabilities. Ensuring compliance with these laws is another purpose of designing disabled-friendly spaces.
- **Social Integration and Diversity:** Creating environments that are accessible to all promotes social integration and diversity. It encourages interaction, collaboration, and understanding among people of different abilities, fostering a more inclusive society.

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- **Economic Opportunities:** Accessible environments also open up economic opportunities for businesses. By making their spaces and services accessible, they can tap into a larger customer or employee base, contributing to economic growth and diversity.
- **Future-Forward Design:** Designing barrier-free environments not only benefits individuals with disabilities but also serves as a model for forward-thinking and innovative design. It prompts consideration of diverse needs in planning and architecture, benefiting a wider range of people beyond just those with disabilities.

3. Scope:

The scope of a disabled-friendly, barrier-free environment is broad and covers various aspects across different sectors, aiming to create inclusive spaces and services for individuals with disabilities.

4. Objectives:

The objectives of establishing a disabled-friendly, barrier-free environment are multi-faceted, aiming to ensure inclusivity, accessibility, and equal opportunities for individuals with disabilities. Some key objectives include:

- **Accessibility:** The primary objective is to ensure that physical spaces, infrastructure, services, and information are easily accessible to individuals with disabilities. This includes the provision of ramps, elevators, wider doorways, tactile paths, braille signage, and other accommodations that facilitate easy navigation.

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- **Independence and Empowerment:** Creating an environment that removes barriers enables individuals with disabilities to lead more independent lives. The objective is to empower them to access facilities and services without constant assistance, promoting self-reliance and autonomy.
- **Inclusivity and Equal Participation:** A crucial goal is to foster a sense of belonging and ensure that individuals with disabilities can fully participate in all aspects of society. This involves providing equal opportunities in education, employment, recreation, and civic engagement.
- **Dignity and Respect:** Establishing a disabled-friendly environment aims to uphold the dignity and respect of individuals with disabilities by acknowledging their rights and creating spaces that value their contributions and capabilities.
- **Compliance with Legal Standards:** Another objective is to meet legal requirements and standards set by national and international laws and regulations. These guidelines ensure that rights and access for individuals with disabilities are protected and enforced.
- **Promotion of Awareness and Sensitivity:** Creating awareness and promoting a culture of empathy and understanding toward people with disabilities is an important objective. This involves educating the public and fostering attitudes that embrace diversity and inclusion.
- **Enhanced Quality of Life:** The ultimate goal is to improve the overall quality of life for individuals with disabilities by providing them with access to essential services, employment opportunities, education, healthcare, and recreational activities on par with others.

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- **Collaboration and Stakeholder Engagement:** Encouraging collaboration among various stakeholders—such as governments, businesses, communities, and advocacy groups—is key. Working together ensures comprehensive planning, implementation, and continuous improvement of disabled-friendly environments.
- **Innovation and Continuous Improvement:** Constantly exploring innovative solutions and technologies to improve accessibility and inclusivity is also an objective. This involves adapting to evolving needs and finding new ways to enhance the lives of individuals with disabilities.

4. Responsibilities:

Creating a disabled-friendly, barrier-free environment within an educational institution involves several responsibilities to ensure that students with disabilities have equal access to education and related opportunities. Here are some key responsibilities:

- **Accessible Infrastructure:** The institution must ensure that its physical infrastructure is accessible. This includes accessible entrances, ramps, elevators, wide corridors, adapted restrooms, and designated parking spaces. Classrooms, libraries, laboratories, and other facilities should also be designed to accommodate students with disabilities.
- **Technology and Learning Resources:** Providing accessible technology and learning resources is crucial. This might involve offering assistive devices, software, and materials in accessible formats such as braille, large print, audio, or electronic formats compatible with screen readers.
- **Adaptive Equipment and Assistive Technologies:** Offering adaptive equipment and assistive technologies that cater to the needs of students with disabilities is essential. This may include hearing loops, speech-to-text software, magnification devices, ergonomic furniture, and other aids that facilitate learning.

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- **Training and Support for Staff:** Educators and staff should receive training on inclusive teaching methods and working with students with various disabilities. This training helps create an inclusive classroom environment and ensures that staff are aware of and capable of meeting the diverse needs of students.
- **Reasonable Accommodations:** Providing reasonable accommodations to ensure equal participation in academic activities is crucial. This may involve extended time for exams, note-takers, sign language interpreters, accessible course materials, or any other accommodations as per individual student requirements.
- **Accessible Communication:** Ensuring communication is accessible to all students is important. This includes using clear language, providing transcripts for audio content, using inclusive visual aids, and offering communication in various formats to accommodate different needs.
- **Support Services:** Offering support services such as counseling, tutoring, mentoring, and disability support offices can assist students in navigating academic and social challenges, ensuring they have the resources they need to succeed.
- **Collaboration and Advocacy:** Collaborating with disability advocacy groups and engaging in continuous advocacy efforts within the institution and beyond can foster a culture of inclusivity and raise awareness about the needs of students with disabilities.

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- **Compliance with Legal Standards:** Ensuring compliance with legal standards and regulations, such as the Americans with Disabilities Act (ADA) in the United States or similar laws in other countries, is imperative to protect the rights of students with disabilities.

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POLICY ON DISABLED- FRIENDLY , BARRIER FREE ENVIRONMENT

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1. Introduction
2. Purpose
3. Scope
4. Objectives
5. Responsibilities
6. Procedure

1. Introduction:

Creating a disabled-friendly, barrier-free environment is essential for ensuring inclusivity and accessibility for all individuals, regardless of their physical abilities. It involves the design and implementation of spaces, infrastructure, and services that cater to the needs of people with disabilities, enabling them to navigate and utilize facilities comfortably and independently.

In a disabled-friendly environment, various considerations are taken into account to remove physical, cognitive, and social barriers. This encompasses wheelchair accessibility, ramps, handrails, wider doorways, tactile paths for visually impaired individuals, accessible restroom facilities, elevators, and properly marked signage. Furthermore, it extends to the

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- **Legal and Ethical Compliance:** Many countries have regulations and laws mandating the creation of accessible environments to ensure the rights of individuals with disabilities. Ensuring compliance with these laws is another purpose of designing disabled-friendly spaces.

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- **Social Integration and Diversity:** Creating environments that are accessible to all promotes social integration and diversity. It encourages interaction, collaboration, and understanding among people of different abilities, fostering a more inclusive society.
- **Economic Opportunities:** Accessible environments also open up economic opportunities for businesses. By making their spaces and services accessible, they can tap into a larger customer or employee base, contributing to economic growth and diversity.
- **Future-Forward Design:** Designing barrier-free environments not only benefits individuals with disabilities but also serves as a model for forward-thinking and innovative design. It prompts consideration of diverse needs in planning and architecture, benefiting a wider range of people beyond just those with disabilities.

3. Scope:

The scope of a disabled-friendly, barrier-free environment is broad and covers various aspects across different sectors, aiming to create inclusive spaces and services for individuals with disabilities.

4. Objectives:

The objectives of establishing a disabled-friendly, barrier-free environment are multi-faceted, aiming to ensure inclusivity, accessibility, and equal opportunities for individuals with disabilities. Some key objectives include:

- **Accessibility:** The primary objective is to ensure that physical spaces, infrastructure, services, and information are easily accessible to individuals with disabilities. This

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POLICY ON DISABLED- FRIENDLY , BARRIER FREE ENVIRONMENT

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includes the provision of ramps, elevators, wider doorways, tactile paths, braille signage, and other accommodations that facilitate easy navigation.

- **Independence and Empowerment:** Creating an environment that removes barriers enables individuals with disabilities to lead more independent lives. The objective is to empower them to access facilities and services without constant assistance, promoting self-reliance and autonomy.
- **Inclusivity and Equal Participation:** A crucial goal is to foster a sense of belonging and ensure that individuals with disabilities can fully participate in all aspects of society. This involves providing equal opportunities in education, employment, recreation, and civic engagement.
- **Dignity and Respect:** Establishing a disabled-friendly environment aims to uphold the dignity and respect of individuals with disabilities by acknowledging their rights and creating spaces that value their contributions and capabilities.
- **Compliance with Legal Standards:** Another objective is to meet legal requirements and standards set by national and international laws and regulations. These guidelines ensure that rights and access for individuals with disabilities are protected and enforced.
- **Promotion of Awareness and Sensitivity:** Creating awareness and promoting a culture of empathy and understanding toward people with disabilities is an important objective. This involves educating the public and fostering attitudes that embrace diversity and inclusion.
- **Enhanced Quality of Life:** The ultimate goal is to improve the overall quality of life for individuals with disabilities by providing them with access to essential services,

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employment opportunities, education, healthcare, and recreational activities on par with others.

- **Collaboration and Stakeholder Engagement:** Encouraging collaboration among various stakeholders—such as governments, businesses, communities, and advocacy groups—is key. Working together ensures comprehensive planning, implementation, and continuous improvement of disabled-friendly environments.
- **Innovation and Continuous Improvement:** Constantly exploring innovative solutions and technologies to improve accessibility and inclusivity is also an objective. This involves adapting to evolving needs and finding new ways to enhance the lives of individuals with disabilities.

5. Responsibilities:

Creating a disabled-friendly, barrier-free environment within an educational institution involves several responsibilities to ensure that students with disabilities have equal access to education and related opportunities. Here are some key responsibilities:

- **Accessible Infrastructure:** The institution must ensure that its physical infrastructure is accessible. This includes accessible entrances, ramps, elevators, wide corridors, adapted restrooms, and designated parking spaces. Classrooms, libraries, laboratories, and other facilities should also be designed to accommodate students with disabilities.
- **Technology and Learning Resources:** Providing accessible technology and learning resources is crucial. This might involve offering assistive devices, software, and materials in accessible formats such as braille, large print, audio, or electronic formats compatible with screen readers.

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- **Adaptive Equipment and Assistive Technologies:** Offering adaptive equipment and assistive technologies that cater to the needs of students with disabilities is essential. This may include hearing loops, speech-to-text software, magnification devices, ergonomic furniture, and other aids that facilitate learning.
- **Training and Support for Staff:** Educators and staff should receive training on inclusive teaching methods and working with students with various disabilities. This training helps create an inclusive classroom environment and ensures that staff are aware of and capable of meeting the diverse needs of students.
- **Reasonable Accommodations:** Providing reasonable accommodations to ensure equal participation in academic activities is crucial. This may involve extended time for exams, note-takers, sign language interpreters, accessible course materials, or any other accommodations as per individual student requirements.
- **Accessible Communication:** Ensuring communication is accessible to all students is important. This includes using clear language, providing transcripts for audio content, using inclusive visual aids, and offering communication in various formats to accommodate different needs.
- **Support Services:** Offering support services such as counseling, tutoring, mentoring, and disability support offices can assist students in navigating academic and social challenges, ensuring they have the resources they need to succeed.
- **Collaboration and Advocacy:** Collaborating with disability advocacy groups and engaging in continuous advocacy efforts within the institution and beyond can foster a culture of inclusivity and raise awareness about the needs of students with disabilities.
- **Compliance with Legal Standards:** Ensuring compliance with legal standards and regulations, such as the Americans with Disabilities Act (ADA)

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in the United States or similar laws in other countries, is imperative to protect the rights of students with disabilities.

6. Procedure

Formation of Accessibility Committee:

Establish an Accessibility Committee comprising representatives from diverse university departments, including facilities management, disability services, student affairs, and architecture.

Appointment of Accessibility Coordinator:

Designate an Accessibility Coordinator responsible for overseeing the implementation of the policy, coordinating with the Accessibility Committee, and ensuring the creation of an inclusive environment.

Accessibility Audit:

Conduct a thorough accessibility audit of the university campus and facilities. Engage with experts or organizations specializing in accessibility to identify barriers and areas for improvement.

Development of an Accessibility Plan:

Collaborate with the Accessibility Committee to develop a detailed Accessibility Plan outlining specific goals, targets, and timelines for creating a disabled-friendly, barrier-free environment.

Infrastructure Adaptations:

a. Accessible Buildings:

Retrofit existing buildings to ensure accessibility through ramps, elevators, and accessible restrooms.

Ensure new constructions adhere to universal design principles.

b. Accessible Pathways:

Create accessible pathways across the campus, eliminating uneven surfaces and obstacles. Install tactile paving and other guiding features for visually impaired individuals.

c. Accessible Transportation:

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Ensure that transportation services, including shuttles and campus vehicles, are wheelchair accessible.

Provide designated accessible parking spaces.

Information and Communication Accessibility:

a. Accessible Websites and Materials:

Ensure that the university's website and digital platforms comply with accessibility standards.

Convert course materials and information into accessible formats for students with diverse needs.

b. Communication Support Services:

Provide sign language interpreters, captioning, and other communication support services for lectures, events, and meetings.

Accessible Technology:

Invest in accessible technology, such as screen readers and adaptive software, to enhance the learning and working experience for individuals with disabilities.

Training and Sensitization Programs:

Organize training sessions for university staff, faculty, and students to raise awareness about the needs of individuals with disabilities and promote inclusivity.

Include disability awareness as part of the orientation process for new students and staff.

Accessible Facilities and Services:

Ensure that common areas, including libraries, cafeterias, and recreational spaces, are accessible to all.

Offer accessible accommodation options for students with disabilities.

Emergency Evacuation Plans:

Develop and communicate specific emergency evacuation plans tailored to the needs of individuals with disabilities.

Conduct regular drills to ensure preparedness.

Feedback Mechanism:

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Establish a feedback mechanism, allowing individuals with disabilities to report barriers and suggest improvements.

Use feedback to continuously enhance the accessibility of the university environment.

Periodic Reviews and Updates:

Conduct regular reviews of the Accessibility Plan to assess progress and identify new opportunities for improvement.

Update the plan as needed to align with evolving accessibility standards and best practices.

Compliance and Accountability:

Enforce compliance with the accessibility policy across all university departments and individuals.

Integrate accessibility considerations into performance evaluations and accountability frameworks.

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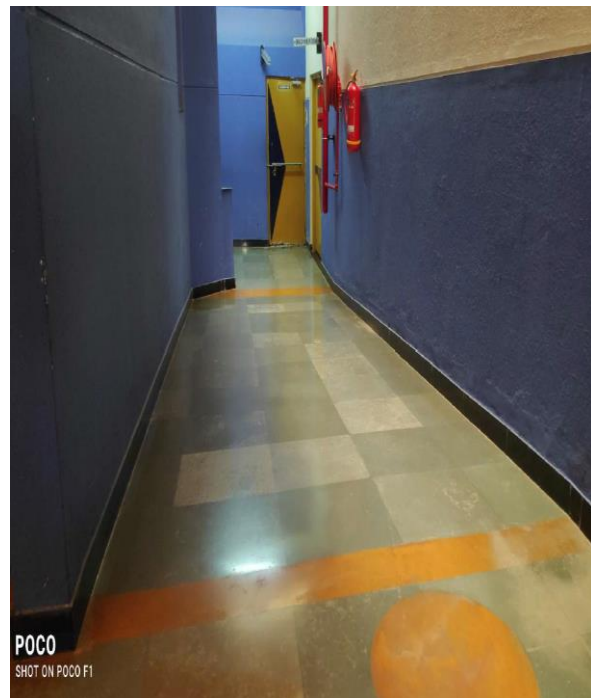
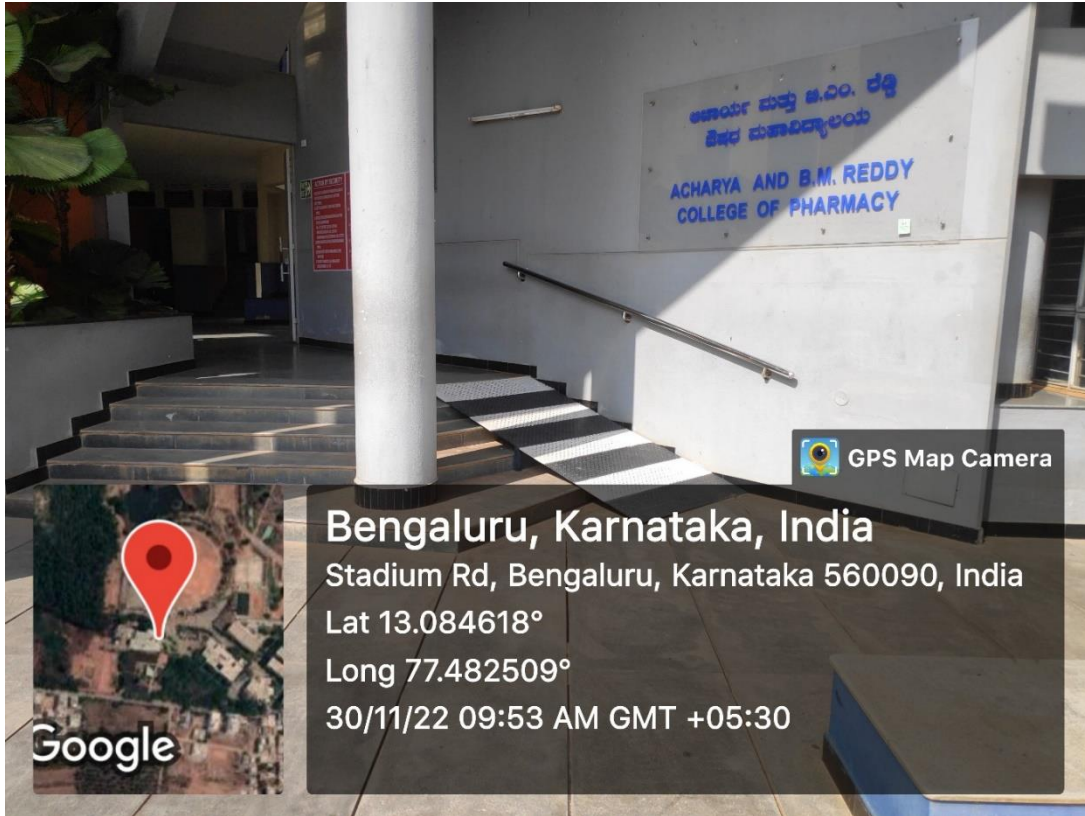
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Ramps to Access College Labs, Classrooms and Common Rooms



ABMRCP has got a disabled friendly infrastructure as the classrooms, labs and rest rooms from both the genders are wheelchair accessible. There is a provision of wheelchair in the campus and ramps are provided to for accessing the campus. A disabled friendly rest room is designed and dedicated separately.



Ramps to Access College Labs, Classrooms and Common Rooms



Equipment for Emergencies and Disabled



Disabled Friendly Toilet