



(Affiliated to University of Calicut, Recognised by Govt. of Kerala,  
Run by Assabah Association Trust)

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# ASSABAH

## ARTS AND SCIENCE COLLEGE, VALAYAMKULAM

### GREEN INITIATION POLICY



  
Principal  
Assabah Arts and Science College  
Valayamkulam



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## Arts and Science College

Valayamkulam P.O. Kokkur, Malappuram Dt Kerala

## GREEN INITIATION POLICY

### SUSTAINABLE PRACTICES

The primary goal of our campus is environmental conservation, achieved through various measures to minimize our environmental footprint. This includes reducing energy consumption, water usage, and waste generation through efficient operational practices. We're committed to maximizing resource efficiency by utilizing renewable energy sources, optimizing building designs, and promoting water conservation. Targets are set to reduce waste and increase recycling rates, while sustainable transportation options are encouraged to reduce carbon emissions. Sustainability principles are integrated into the curriculum, fostering awareness among students, faculty, and staff. We prioritize purchasing environmentally friendly products and aim to eliminate plastics from our campus. Furthermore, we aim to include environmental considerations in all social development policies and outreach programs, reflecting our commitment to holistic sustainability.



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## ARTS AND SCIENCE COLLEGE, VALAYAMKULAM

### POLICY FOR WATER PRESERVATION



  
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## POLICY FOR WATER PRESERVATION

### WATER-EFFICIENT INFRASTRUCTURE

The college is actively addressing water conservation through various measures aimed at reducing wastage and promoting sustainability. Immediate action is taken to fix sources of water leaks, such as dripping showers and taps, to minimize water loss. Additionally, the college encourages the installation of water-saving appliances to further reduce consumption. Rainwater harvesting systems have been implemented to harness rainwater, aiding in raising the groundwater table and replenishing water sources. Moreover, a water purification system is utilized to recycle grey water and wastewater from labs, contributing to water reuse efforts. To minimize water loss during storage, the college employs effective and hygienic water storage systems. These initiatives collectively demonstrate the college's commitment to responsible water management and environmental stewardship.



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## ARTS AND SCIENCE COLLEGE, VALAYAMKULAM

### POLICY ON WASTE HANDLING



  
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## POLICY ON WASTE HANDLING

### WASTE SEGREGATION AND DISPOSAL

The college is implementing various eco-friendly practices to reduce its environmental impact across campus. One such initiative involves repurposing single-sided printed papers as rough paper for work, promoting reuse and minimizing waste. Additionally, efforts are being made to transition towards soft form readouts and electronic communication to reduce the use of hard copy readings and paper resources. In line with sustainable practices, the college aims to decrease the use of fertilizers and pesticides on campus grounds, favoring locally made compost when available. To mitigate air pollution, burning of plastic and other toxic materials is discouraged. Furthermore, environmentally friendly cleaning products are prioritized to ensure minimal harm to the environment. Waste management is optimized through the use of separate bins for biodegradable and non-biodegradable waste, alongside e-waste recycling containers for batteries and electronic devices. The college also promotes the use of multifunctional devices to minimize electronic waste production. Lastly, proper disposal of laboratory-generated chemical waste is emphasized to uphold environmental responsibility throughout campus operations. These efforts collectively reflect the college's commitment to sustainable practices and environmental stewardship.



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## ARTS AND SCIENCE COLLEGE, VALAYAMKULAM

### ENERGY SAVING MEASURES



  
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## ENERGY SAVING MEASURES

### ENERGY-EFFICIENT PRACTICES

The college is dedicated to reducing and managing its electricity consumption in a sustainable manner, with a focus on utilizing renewable energy sources such as solar power. This commitment is demonstrated through various initiatives aimed at minimizing wastage and promoting efficiency. Sensor lights are employed to prevent unnecessary electricity usage, while the installation of a biogas plant in the college canteen and labs underscores the institution's efforts towards sustainable energy solutions. Additionally, measures like turning off lights, fans, and equipment when not in use are implemented across campus facilities. The college pledges to prioritize the installation of energy-efficient appliances and supports the use of greener energy sources like LED lighting. Moreover, practices such as utilizing daylight instead of electric lights during daytime and implementing power management features on computers further contribute to the college's sustainable electricity management goals.



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