



KESHAV MEMORIAL INSTITUTE OF COMMERCE & SCIENCES

(Affiliated to Osmania University)

A Unit of Keshav Memorial Educational Society

3-5-1026, Narayanaguda, Hyderabad - 500029 Ph : 040 2322 4651, 8331029974

E-mail : principal.kmics@gmail.com

Website : www.kmics.ac.in

ESTD. 1945

Policy document on Green Campus/Plastic-Free Campus

About College:

This college comes under Keshav Memorial Educational Society which is a premier educational institution providing quality education since 1995. Keshav Memorial Educational Society is one of the oldest and well-known societies in the state. Keshav Memorial Educational Society was founded in the year 1940 by Late Pandit Vinayaka Rao as a living memorial to his father late Justice Keshav Rao Koratkar, an eminent judge of High Court and envisioned educationist.

In spite of several obstacles under the autocratic rule of Nizam, the Keshav Memorial society has daringly started the society through education.. This college is committed to provide quality education and promote research that will contribute to the continual development of our society. We are celebrating the Golden Jubilee Year of our college

Taking into account the necessity of protecting environment for a sustainable, pollution-free and healthy life on the planet Earth in the coming years, the college has formed its Green Protocol.. The college endeavors to follow this policy strictly by actually enacting to and also creating environmental consciousness among the students and thereby among the society in general by organizing various activities within and outside the campus.

The college works towards creating a green, pollution-free and healthy environment with a missionary zeal and dedication. The students are given strict instructions to maintain the campus clean and green and it is reflected in the college Prospectus.

Policy document on Green Campus/Plastic-Free Campus

At Keshav Memorial Institute of Commerce and Sciences, we recognize the importance of sustainability and environmental conservation. As an educational institution, we have a responsibility to minimize our environmental footprint and promote eco-friendly practices. Therefore, we are committed to creating a green campus and reducing plastic usage on our premises.

The Clean and Green Campus Policy

The Green Campus Policy of the college envisions a Clean and Green Campus where environmental friendly practices and education combine to promote sustainable and ecofriendly practices in the campus and beyond the campus. It also offers the institution an

PRINCIPAL

Keshav Memorial Institute of Commerce & Sciences,
Narayanaguda, Hyderabad-500 029
College Code No: 1110/318



KESHAV MEMORIAL INSTITUTE OF COMMERCE & SCIENCES

(Affiliated to Osmania University)

A Unit of Keshav Memorial Educational Society

3-5-1026, Narayanaguda, Hyderabad - 500029 Ph : 040 2322 4651, 8331029974

E-mail : principal.kmics@gmail.com

Website : www.kmics.ac.in

ESTD. 1945

opportunity to take the lead in redefining its environmental culture through instilling environmental ethics among the students and staff.

Mission

To create environmental consciousness among the society and actively involve in the activities to protect the planet earth from the unscrupulous human invasions for a sustainable, pollution-free and healthy life ahead.

Objectives

- To sensitize the students and the staff to minimize the use of polluting products and use environment-friendly products and services.
- To instill the importance of cleanliness for a healthy life
- To Create awareness about environmental issues by organizing Events, Rallies, Awareness, Campaigns, Cleanliness Drives, Seminars, Workshops, presentations, Tree Plantation Drives, Competitions, Rangoli, Essay Competitions, Excursions, Study Tours, Guest Lectures, Talks, etc.
- To make students and staff aware about raising voice against the hazardous practices destroying Nature and promote environment friendly practices among the society.

Initiatives Taken to Implement the Clean and Green Campus Policy:

The Institution is committed to managing its campus in accordance with its Clean and Green Campus Policy by establishing the following infrastructure and carrying out the following activities:

- Landscaping with Trees and Plants.
- Controlling the use of plastic in campus.
- Solar Plant in the College
- Solar Street Lights
- Use of LED Bulbs/Tubes and Power Efficient Equipment's
- Rainwater Harvesting
- Paperless Office and Communication
- Solid Waste Management
- Laboratory liquid waste management system through percolation system
- Hazardous Chemical Waste Management
- Water Management


PRINCIPAL

Keshav Memorial Institute of Commerce & Sciences,
Narayanaguda, Hyderabad-500 029
College Code No. 1110/318



KESHAV MEMORIAL INSTITUTE OF COMMERCE & SCIENCES

(Affiliated to Osmania University)

A Unit of Keshav Memorial Educational Society

3-5-1026, Narayanaguda, Hyderabad - 500029 Ph : 040 2322 4651, 8331029974

E-mail : principal.kmics@gmail.com

Website : www.kmics.ac.in

ESTD. 1945

- E-waste Management
- Display Boards to Promote Environmental Sensibility on College Campus
- Installation of Incinerator in the Girls' Common Room
- Observance of Days to protect and Nurture Environment
- The Green, Environmental and Energy Audit

Landscaping with Trees and Plants:

As per the Clean and Green Policy of the Keshav Memorial Institute of Commerce & Sciences the college strives to plant various types of ornamental and medicinal variety, wild plant species of trees in large numbers within and outside the campus. Gardeners and full-time adequate support staff have been appointed for the maintenance of gardens and keeping the campus litter-free, clean and Green Campus. The tree-plantation drives are undertaken by the NSS and NCC Units of the college and also by the Departments of Microbiology and Biotechnology on regular basis generally in the month of July every year.

Controlling the use of plastic in campus:

The campus of Keshav Memorial Institute of Commerce & Sciences conducts a awareness campaign to educate students, faculty, and staff about the environmental impacts of plastic pollution. Provide information on the benefits of reducing plastic usage and the importance of adopting sustainable practices. Offer workshops, seminars, and guest lectures on plastic reduction and waste management. The college facilitates environment friendly substitutes like stainless steel, washable and reusable tumblers at all water units and mandates the canteen to serve only in stainless steel or paper plates/glasses/cups to systematically ban the use of plastics on the campus.

Solar Plant in the College:

The college has established the 30Kv Solar Energy Plant on the P.G Building of the college in May, 2023. Another Solar Plant has been installed on the U.G Building of the college in September, 2018. There is a substantial decrease in the TSSPDCL Electricity Bills since the installation of these solar plants.

PRINCIPAL

Keshav Memorial Institute of Commerce & Science,

Narayanaguda, Hyderabad-500 029

College Code No: 1110/318



KESHAV MEMORIAL INSTITUTE OF COMMERCE & SCIENCES

(Affiliated to Osmania University)

A Unit of Keshav Memorial Educational Society

3-5-1026, Narayanaguda, Hyderabad - 500029 Ph : 040 2322 4651, 8331029974

E-mail : principal.kmics@gmail.com

Website : www.kmics.ac.in

ESTD. 1945

Solar Street Lights:

To minimize the use of electricity consumption and make the maximum utilization of the available resources, the college has installed Solar Photovoltaic Device with 20Wp PV module, 12Ah SMF battery, PWM Charge Controller, PV current sensing system for Dusk to Dawn fully automatic ON/OFF switching of street lights. 11 Sensor-based LED Solar Power Street Lights are installed from the entrance to the college Use of LED bulbs/ Power-Efficient Equipments More than 90% electric lights and all the computers of the college are LED enabled. The other equipment's are also purchased taking into account their power-efficiency.

Use of LED Bulbs/Tubes and Power Efficient Equipment's:

To minimize the use of electricity consumption and make the maximum utilization of the available resources, the college has installed Solar Photovoltaic Device with 20Wp PV module, 12Ah SMF battery, PWM Charge Controller, PV current sensing system for Dusk to Dawn fully automatic ON/OFF switching of street lights. 11 Sensor-based LED Solar Power Street Lights are installed from the entrance to the college. More than 90% electric lights and all the computers of the college are LED enabled. The other equipment's are also purchased taking into account their power-efficiency.

Rainwater Harvesting:

The college ensures rain-water conservation through rainwater harvesting. The rain water from the roof top outlets is carried through the well connected pipelines to the wells or is collected in the large water harvesting tanks and the overflowing rain-water from these tanks is discharged in the soak-pits for ground water recharge. Rain water collected in the tank is supplied to the plants.

Paperless Office and Communication:

The college has a policy to minimize the use of paper in all types of official/academic communication of the college through E- Communication. The use of paper is substantially reduced through digitization. One-side blank pages are used to avoid wastage of paper. All the college staff have been provided the college E-mail IDs and through which they make all the required official and college-related communication. What's app - Class-wise groups, Department wise groups, Committee wise groups have been formed which have reduced the usage of paper in notices and circulars. Moreover, the college has avoided massive usage of paper by introducing the "Learning Management System" wherein references, notes, syllabi,


PRINCIPAL

Keshav Memorial Institute of Commerce & Sciences
Narayanaguda, Hyderabad-500 029
College Code No. 1110/318



KESHAV MEMORIAL INSTITUTE OF COMMERCE & SCIENCES

(Affiliated to Osmania University)

A Unit of Keshav Memorial Educational Society

3-5-1026, Narayanaguda, Hyderabad - 500029 Ph : 040 2322 4651, 8331029974

E-mail : principal.kmics@gmail.com

Website : www.kmics.ac.in

ESTD. 1945

question banks, study material are stored and shared on the e-platform. Some departments have also started accepting E-assignments. This practice has proved highly beneficial to save money, boost productivity, save space, make documentation and information sharing easier, and help the environment.

Solid Waste Management:

The Solid waste generated in the campus is segregated as bio degradable and non-degradable. All the Departments, laboratories, and Classrooms are provided with dustbins for dry wastage disposal. Segregation of the waste into dry and wet waste is done through the separately allotted dustbins at strategic locations in the college.

Laboratory liquid waste management system through percolation system:

KMICS prioritizes training and awareness programs to educate students, faculty, and staff about the proper handling, storage, and disposal procedures for hazardous chemicals. This includes training on emergency response protocols and the use of personal protective equipment (PPE).

Hazardous Chemical Waste Management:

We have planned to minimize the use of hazardous chemicals related experiments Even though during the synthesis if some hazardous chemicals may be form, diluted chemicals are diluted before discarding in wash basin. Hazardous chemical waste disposal is managed in accordance with regulatory guidelines and best practices.

Keshav Memorial Institution of Commerce and Sciences maintains comprehensive emergency response plans and spill containment kits to address any incidents involving hazardous chemicals promptly and effectively. By implementing stringent protocols and safety measures. Keshav Memorial Institution of Commerce and Sciences minimizes the risk of accidents, exposure, and environmental contamination associated with hazardous chemical waste. Keshav Memorial Institution of Commerce and Sciences is committed to maintaining a safe and sustainable learning environment through effective hazardous chemical waste management practices. By prioritizing safety, compliance, and environmental protection, Keshav Memorial Institution of Commerce and Sciences sets a precedent for responsible waste management in educational institutions.


PRINCIPAL

Keshav Memorial Institute of Commerce & Sciences,
Narayanaguda, Hyderabad-500 029
College Code No: 1110/318



KESHAV MEMORIAL INSTITUTE OF COMMERCE & SCIENCES

(Affiliated to Osmania University)

A Unit of Keshav Memorial Educational Society

3-5-1026, Narayanaguda, Hyderabad - 500029 Ph : 040 2322 4651, 8331029974

E-mail : principal.kmics@gmail.com

Website : www.kmics.ac.in

ESTD. 1945

Water Management:

The water for all other purposes is supplied through another set of distribution pipes. The college has two wells with ample water. The ground water from the wells is pumped into the storage tanks / elevated service reservoirs located at different places in the campus. The water is distributed through well-laid pipe network. Entire distribution system is well supervised by the college administration to ensure that there are no leakages and wastages of water through Leakages in the pipelines and the water-taps etc. Regular cleaning of the water tanks is regulated by the administrative staff of the college. All the stakeholders of the college are well-educated to use water economically and efficiently Rainwater from the different college buildings is taken to the wells for ground-water recharge. A proper care is also taken to keep the Rooftops cleaned so that unnecessary garbage does not mix with the rainwater leading towards the well. The inlets of these tanks is controlled by the ball-valves to avoid water overflows.

Keshav Memorial Institution of Commerce and Sciences (KMICS) recognizes the importance of responsible water management to ensure sustainability and meet the needs of its campus community. Through a series of proactive measures and initiatives, KMICS has implemented a comprehensive water management program aimed at conservation, efficiency, and environmental stewardship. KMICS has installed water-efficient fixtures such as low-flow faucets, toilets, and showerheads across its campus to reduce water consumption without compromising functionality. Regular inspections and maintenance procedures are in place to detect and repair leaks promptly, minimizing water wastage and ensuring the efficient use of resources.

E-waste Management:

E- waste management by the Department of Physics Components and other small devices/parts of non-repairable equipment's are used to fabricate new experimental kits / power supplies. This is one of the best practices of the Physics department. The department has started reusing the electronic components from the discarded instruments, PCs, UPS, etc. such as transformers, transistors, ICs, Capacitors, Inductors, Resistors, Connectors, Sockets, Switches, Wires, LEDs and other electronic or electrical devices to fabricate the instruments and experimental kits that are used in the Physics Laboratory. The students and faculty have also involved in the maintenance and repairs of the instruments and experimental kits, which led to increase their life and the optimum uses. This have not only become a step towards the

V. Senthil
PRINCIPAL

Keshav Memorial Institute of Commerce & Sciences,
Narayanaguda, Hyderabad-500 029
College Code No' 1110/318



KESHAV MEMORIAL INSTITUTE OF COMMERCE & SCIENCES

(Affiliated to Osmania University)

A Unit of Keshav Memorial Educational Society

3-5-1026, Narayanaguda, Hyderabad - 500029 Ph : 040 2322 4651, 8331029974

E-mail : principal.kmics@gmail.com

Website : www.kmics.ac.in

ESTD. 1945

E-waste management but also cultivated innovative ideas among the students and the faculty. The students have also gained many skills through these activities.

Donation of Used Computers to Schools:

Our college always take an initiative in reducing the digital divide in the rapidly growing digital world. The e-waste of the college is generally not thrown into garbage. Instead, these unwanted/excess computer machines / devices / printers / scanners / keyboards / mouse etc. are transferred or distributed to the school coming under Keshav Memorial Educational Society.

Display Boards to Promote Environmental Sensibility on College Campus:

Various boards including Quotes that promote environmental awareness and ethics including air-pollution control, plastic-free campus, conservation of energy, recycling of resources, tree plantation, Nature conservation, etc. are displayed for all the stakeholders of the college.

Installation of Incinerator in the Girls' Common Room

The college has installed an Incinerator for the disposal of sanitary pads in the Girls' Common Room as a step towards eco-friendly disposal mechanisms.

Observance of Days to protect and Nurture Environment

The organization of various events like Rallies, Awareness Campaigns, Cleanliness Drives, Seminars, Conferences, Workshops, presentations, Tree Plantation Drives, Rangoli Competitions, Essay Competitions, Excursions, Study Tours, Guest Lectures, Talks, etc. on the occasion of various days like- 'International Day for the Preservation of the Ozone Layer' (16 September), 'World Environment Day' (05 June), 'World Biodiversity Day' (22 May), 'World Water Day' (22 March), Mahatma Gandhi Jayanti (02 October), 'Army Day' (15 January) etc. ensures to create awareness among young students and public about various environment related problems and conservation of Nature and natural resources in the surrounding area and educating on how to live a Eco-friendly life.

PRINCIPAL

Keshav Memorial Institute of Commerce & Sciences,
Narayanaguda, Hyderabad-500 029
College Code No' 1110/318



KESHAV MEMORIAL INSTITUTE OF COMMERCE & SCIENCES

(Affiliated to Osmania University)

A Unit of Keshav Memorial Educational Society

3-5-1026, Narayanaguda, Hyderabad - 500029 Ph : 040 2322 4651, 8331029974

E-mail : principal.kmics@gmail.com

Website : www.kmics.ac.in

ESTD. 1945

The Green, Environmental and Energy Audit

A green, energy, and environment audit is a comprehensive evaluation of an organization's practices, infrastructure, and systems aimed at identifying areas for improvement in sustainability, energy efficiency, and environmental impact reduction. It involves assessing energy consumption, resource usage, waste management, and adherence to environmental regulations. The audit results help organizations develop strategies to enhance their sustainability efforts, reduce carbon footprint, and promote eco-friendly practices and Energy Audit

PRINCIPAL

Keshav Memorial Institute of Commerce & Science,
Narayanaguda, Hyderabad-500 029
College Code No: 1110/318