



KARPAGAM ACADEMY OF HIGHER EDUCATION

(Deemed to be University)

(Established Under Section 3 of UGC Act, 1956)

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Pollachi Main Road, Eachanari Post, Coimbatore - 641 021, Tamil Nadu, India.

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7.1.6 Policy Document and Environment Promotional Activities

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REGISTRAR

Karpagam Academy of Higher Education
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Criteria 7.1.6

Quality audits on environment and energy are regularly undertaken by the institution

POLICY DOCUMENT ON ENVIRONMENTAL AND ENERGY USES

Policy on Environmental and Energy policy is indispensable to minimize the impact of Higher Education Institutions' operations on the environment, through its Green Agenda Initiative.

Karpagam Academy of Higher Education recognizes that the activities, products and services to the students with significant brunt on the environment locally. The Institution has committed to adopt best practices on environmental management which enhances continuous environmental improvement to diminish the environmental impact and also to bear with environmental legislations.

The Institution is intact with the following undertakings

Compliance and Management

Establish and continuously improve an Environmental Management System in order to

1. Improve the institution's environmental performance by the plantation of various saplings to facilitate Green Environment.
2. Reduce and manage the negative environmental impacts.
3. Promote positive impacts by conducting awareness program on environmental cleanliness.
4. Improve the indispensable resources for the achievement of the objectives.

Pollution Free Environment

1. The activities of the campus is managed to reduce emission that fulfills the regularity standards.

2. Implementation of Emergency Response procedures to respond for civil disturbances, illnesses, extended power outages, fires and explosion, hazardous materials releases (Chemical and Biological) etc., and also not limited to such emergencies.

Consumption of Water and Energy

1. Using absolute metrics to find the water and energy efficiency.
2. Effective way to reduce energy and water consumption and carbon emission intact with the present scenario
3. Implementation of cost-effective and sustainable technologies to overcome the inconveniences in the existing technologies
4. Work towards Solar Electricity to link building meterings (Installed 100 kW grid-interactive Solar PV cells for the institution).
5. Developing information database by regular monitoring, measuring and reporting drafts on Energy and Water Consumption on continuous assessment.
6. Water recycling plant to undergo continuous recycling of waste water effectively.

Management of Waste

1. To divert the waste away from landfill, the institution policy promotes and facilitates the contemplation of the waste management hierarchy as reduce, reuse, recycle, recover and dispose.
2. Active Progression with the institution waste strategy plan.
3. The institution enhances the practice by creating awareness and improving the infrastructure of recycling units along with the prevalent policies

Transportation and Travel

1. To facilitate the sustainable mode of conveyance by walking, cycling within the campus and promoting to use public transport instead of own cars, bikes etc., to reduce air pollution and fuel consumption outside the campus.

Procurement for demand

1. Practice of sustainable resource management to enhance specifically the purchase of products with high efficiency towards the positive impact of energy performance.
2. Towards the end-to-end procurement regarding the demand of the products, sustainability and cost-effectiveness is focused.
3. The institution is embedded with sustainable and renewable energy resources to meet the demand.

Biodiversity

1. To ensure natural environment, continuous efforts focused on Green Campus is facilitated by the institution with awareness program on clean environment and plantations.
2. Significant progress of the activities by the institution is accomplished with the protection and enhancement of biodiversity.

Maintenance and development

1. Design, flourish and refurbishment of new and existing facilities are intact with appropriate sustainable construction, energy and water efficient.
2. Meticulous life cost of mechanical, electrical and building design is considered with appropriate renewable energy options.

Communication

1. Continuous effort is undergoing to reduce the individual and collective environmental impacts.
2. Communicating Institution Newsletter regarding the activities for socio-economic development both internally and externally.
3. Institution responds to the feedback and suggestions related to the improvement of environmental improvements and sustainable Renewable energy resources to meet energy demand.

Disturbances and Noise

1. Activities of the institution are properly focused in such a way to eradicate the noise and nuisance on the local community.
2. An effective management of noise approaches long term that encompasses many aspects of modern society.

The intent of the policy is to meet environmental expectations and provide actionable guidance to foster a culture of excellence and challenges itself for continual improvement.

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REPORT ON
ENVIRONMENTAL PROMOTIONAL ACTIVITIES



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ABOUT KARPAGAM ACADEMY OF HIGHER EDUCATION

Karpagam Academy of Higher Education is located in a sprawling, green, lush campus extending 26 acres. It has emerged from Karpagam Arts & Science College (Autonomous) a unit under the Karpagam Charity Trust established in 1989 founded by the great philanthropist, industrialist and educationist Dr.R.Vasanthakumar with the vision of instilling originality in the learning minds, imparting quality and value-based education and to engage in Research and Development with the noble objective of creating unique men and women to serve and lead the society.

Karpagam Academy of Higher Education was conferred as Deemed to be University by the Ministry of Human Resource Development in August 2008 under section 3 of the UGC Act 1956. It is a recognised Deemed to be University by the UGC. It is a member of the Association of Indian Universities. The Institution has been accredited by the NAAC in 2015.

The Institution has 4 Faculty - Faculty of Arts, Science and Humanities, Faculty of Engineering, Faculty of Architecture and Faculty of Pharmacy. It has 25 Departments offering a wide range of 84 academic programmes from graduation to doctorate level. The Institution has more than 6,000 students on campus, with a strong contingent of more than 350 teaching faculty, well supported by an almost equal number of administrative and supporting staff. Faculty have got good number of research projects with financial support from various funding agencies like DBT / DST / ICMR and have filed more than 60 patents. As many as 2200 Research papers have been published by the faculty in SCOPUS. The Institution has collaborated with Foreign Universities, Industries, and Research Bodies for mutual benefit. The Institution ensures that education epitomizes excellence in every sphere and students are prepared to take on the challenges of the day and become the next generation leaders.

To keep environment clean, Institution practice of maintaining green campus and ban on use of plastic within the campus. Rain pit have been constructed for Water Conservation. Sewage Treatment Plant has been constructed for recycling of water. LEB bulbs are deployed instead of fluorescent tube lights thereby, 50 per cent of the energy consumption is reduced. The Institution install 49 KW of Solar Power Panel for generating electricity from renewable energy. Apart from the above, the Institution carry out various environmental promotional activities beyond the campus through National Service Scheme wing.

ENVIRONMENTAL PROMOTIONAL ACTIVITIES

The National Service Scheme of KAHE actively involved in following environmental promotional activities.

- ❖ Water Conservation and Rain Water Harvesting
- ❖ Pesticide free Agriculture Cultivation
- ❖ Plastic Eradication
- ❖ Tree Plantations

AWARENESS ON WATER CONSERVATION AND RAIN WATER HARVESTING

Conserving water means using water wisely. As every individual depends on water for livelihood, they must learn how to use water wisely. As part of water conservation programme, the NSS wing of our institution organizes “Awareness program on Water Conservation through Rain Water Harvesting” on 23rd October 2019 at Seerapalayam Village.



EXTENSION ACTIVITY – AWARENESS PROGRAM ON WATER CONSERVATION THROUGH RAIN WATER HARVESTING IN SEERAPALAYAM VILLAGE ON 23.10.2019



ARRANGED PIPELINE FOR RAIN WATER HARVESTING AND PROVIDE AWARENESS ON WATER CONSERVATION TO PANCHAYAT SCHOOL IN SEERAPALAYAM VILLAGE ON 23.10.2019



Distribution of Notice about the Importance of Rain Water Harvesting – 23.10.2019

The Activity was started around 10.00 a.m in Seerapalayam Village. The Activity was coordinated by Dr.N.Balasundaram, Professor and Head, Department of Civil Engineering, Dr.M.Natarajan, Professor, Department of Civil Engineering and Ms.P.Preethi, Assistant Professor, Department of Civil Engineering. The activities were co-ordinated and supervised by Dr. M. Deivanayaki, NSS Programme Officer, Ms.R.Sindhu, Assistant Professor, Department of Civil Engineering, Mr. A.Pandiarajan Lab technician and Mr. K.Venugopalan, Lab technician. Faculty and students have visited Panchayat School at Seerapalayam Village. They gave presentation of the different methods of water conservation with special reference to rainwater harvesting and water purification and Arranged pipeline for Rain water harvesting. The Staff members and students distributed the pamphlets in Seerapalayam village and interacted with the people about the importance of water and how to conserve water. The students also pasted poster in various places to create awareness among the people about how to conserve the water.

WORKSHOP ON PESTICIDE FREE AGRICULTURE

To inculcate the habit of organic farming the midst of general public and agriculturist, the NSS units of Karpagam Academy of Higher Education organized workshop and awareness seminar on “Pesticide Free Agriculture” on 08.01.2020. In this regard an awareness rally was conducted in the Malumichampatti village from Panchayat office to Government Higher Secondary School. Students created awareness to the public and farmers need, significance and benefits on the Pesticide Free Agriculture Cultivation.



Officials at Pesticide Free Agriculture Workshop 08.01.2020



Pesticide Free Agriculture initiation by Dr.M.Palaniswamy, Registrar, KAHE

PLASTIC AWARENESS CAMP

Plastic pollution causes harm to humans, animals and plants through toxic pollutants. It can take hundreds or even thousands of years for plastic to break down so the environmental damage is long-lasting. Thus, NSS wing of our Institution quite often organizes rally and awareness camp in the midst of general public and trades on ill effects of using plastics. The following are the list of events organized by our NSS units on eradicating the usage of plastics.

Awareness Rally on “Say No to Plastics”

National Service Scheme of Karpagam Academy of Higher Education has organized “Say No to Plastic” Awareness rally and camp on 23.11.2018 at Malumichampatti, Coimbatore and also at Nachipalayam, Coimbatore. NSS volunteers created awareness among the public and retail traders. Volunteers distributed notice and counselled the retail traders and housewives on ill effects of using Plastics to general public health and environment.



Distribution of Pamphlets to General Public and Traders – 23.11.2018

PLASTIC AWARENESS CAMP



Collection of Plastics by our NSS Wing Students at Nachipalayam – 23.11.2018

PLASTIC AWARENESS CAMP

Further as part of Plastic Eradication and Swachhata Activity “Plastic Waste Free Village”, students of NSS Wing collected 1 Kg. of Plastic covers at Malumichampatti village from 11.09.2019 to 15.09.2019.



Karpagam Academy of Higher Education students started Swachhata Activities – Plastic Waste Free Village on 11.09.2019. Students of our institutes collected per student 1 kg plastic covers at adopted village from 11.09.2019 to 15.09.2019 held at Bodipalayam village Seerapalayam Panchayat.

TREE PLANTATION

The importance of tree plantation is quite significant, as it is associated with our basic need for good food to eat and fresh air to breathe. Apart from these basic necessities, they maintain biodiversity, conserve water, preserve soil, control climate etc. Thus, National Service Scheme of Karpagam Academy of Higher Education in association with Nizhal Maiyam (Non-Government Organization) has organized Tree Plantation Camp on 28.07.2019 at Arisipalayam village, Coimbatore. At this, tree plantation camp 210 NSS volunteers participated and 250 saplings were planted on the same day. In this camp 250 NSS volunteers participated and created awareness among public and educated them to maintain the trees. NSS volunteers each one plant one concept implemented in this tree plantation campaign on 28.07.2019.



Tree Plantation by NSS Wing – 28.07.2019

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TREE PLANTATION

“Tree Plantation” has been organized by our Institution NSS wing in association with Rotary Club of Coimbatore South & Nandhu Coats at Madukkari on 28.11.2019. One hundred National Service Scheme Volunteers and two faculty members of Karpagam Academy of Higher Education participated in “Tree plantation at Madukkarai on 28th November 2019. In this drive, Rtn. R. Madhav Chandran presided the programme, In his speech he emphasized the importance of trees and motivated the KAHE students and staff of Nandhu Coats to plant and maintain the trees for our future generations. Students of KAHE and Employees of Nandhu Coats and Rotary club members planted 100 saplings.



Tree Plantation by NSS Wing – 28.11.2019

TREE PLANTATION

NSS of Karpagam Academy of Higher Education has organized Tree Plantation camp on 14.03.2020 at Nagamanaickenpalayam with 35 volunteers, Dr. A. Dharmaraj, NSS Coordinator and Mr. K. Veerasamy, NSS programmer Officer with coordination of Nagamanaickenpalayam public. 150 saplings were planted in this camp.



Tree Plantation by NSS Wing Students – 14.03.2020

YOUTH FOR RURAL RECONSTRUCTION

NSS wing of our Institution organizes an Annual Special Camp on 4th January 2020 to 10th January 2020 on the theme “Youth for Rural Reconstruction”. The programme has been organized with the aim to reconstruct and redevelop Areas of Government Hr. Sec. School, Children’s Park, Temple, Panchayat office of Malumichampatti Village. The volunteers of NSS units participated under the guidance of Dr. A.Dharmaraj, NSS Co-ordinator, Mr. K. Veerasamy, Dr. M. Devanayagi and Mr. K. Kannan, the NSS programmer Officers. 165 volunteers participated actively in various actions of the camp, who created awareness among the public people of Malumichampatti, School children and staff. Planted sapling in and around the School campus and the streets of Malumichampatti. Apart from Medical camp, field works, rallies and also career guidance were also offered for the students.



NSS Students Participation at “Youth for Rural Reconstruction” – 4th to 10th January 2020

SWACHHATA PAKHWADA

Karpagam Academy of Higher Education organized “Swachhata Pakhwada- 2020” from 20.01.2020 to 31.01.2020. Activities such as Swachhata Pledge taking, Cleanliness drive in campus and hostel, Blood donation camp, Talk show on Swachhata, Plantation of saplings, Organisation of special drive for water conservation are carried out. Various cleaning and awareness activities are carried out at adopted village. Various competitions regarding Swachhata, Water Conservation, Forest Conservation and Best out of waste are also conducted for the students.



“Swachhata Pakhwada- 2020” - 20.01.2020 to 31.01.2020