

#### 7.1.5: Green campus initiatives include:

- 1. Restricted entry of automobiles
- 2. Use of Bicycles/ Battery powered vehicles
- 3. Pedestrian Friendly pathways
- 4. Ban on use of Plastic
- 5. landscaping with trees and plants

## **NAAC Query: 7.1.5:**

- 1) Provide Policy document on the green campus.
- 2) Provide Bills for the purchase of equipment's for the facilities created under this metric.
- Documents attached as indexed follows for justifying NAAC Query: 7.1.5

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### Amrutvahini College of Engineering, Sangamner

Established in 1983 An ISO 9001:2015 Certified Institute

Accredited by National Board of Accreditation New Delhi, Graded "A" by NAAC, Bengaluru.

Awarded "A" Grade by Government of Maharashtra and Approved by AICTE, New Delhi.

Permanently Affiliated by Savitribai Phule Pune University, Pune

ISO 9001:2015 certified by TUV SUD.

web site: www.avcoe.org



# Policy Document on the Green Campus



'Green campus' is a concept which stands for the efforts to establish environmentally sustainable practices in any institution. Its goal is to diminish the impact of ecological footprints by implementing the principles of sustainability at every level of institutional functioning. A Green Campus is a place where environmentally friendly practices and education system jointly promote sustainable and eco-friendly ambiance in the campus. Although establishment and maintenance of green campuses is important, spreading awareness on the green practices among students and educating stake holders is our priority.

Amrutvahini College of Engineering commits to "Reduce, Recycle, Reuse" policies and accordingly the activities are conducted and monitored.

#### **Objectives:**

- 1. To promote green and clean power to reduce the Carbon emission.
- 2. To encourage healthy and eco-friendly environment in and around the Institute.
- 3. To create pollution-free environment by treating sewage and tree plantation for green and clean Campus.
- 4. To decrease energy consumption and loss, to increase energy utilization efficiency.
- 5. To establish an efficient waste and recycling systems.
- 6. To ensure land use, water management, and the conservation of natural resources.
- 7. To prefer non-conventional energy sources in the campus and reduce carbon emission leading to pollution free and ecofriendly campus.

#### **Policy:**

Green Campus status is achieved by making noteworthy progress in cross campus community collaboration under one or a number of the following policies:

#### A. Energy Management Policies:

- 1. To reduce dependency on fossil fuels for energy security and sustainability by utilizing solar and solar-wind hybrid energy for electrification of campus.
- 2. To turn off unnecessary lights and use daylight instead.
- 3. To give preference to star rating equipment and machinery.
- 4. To use LED lamps and Electronic ballast to reduce energy consumption.
- 5. To switch off lights, fans in conference rooms, classrooms, lecture halls when they are not in use.
- 6. To implement solar system to cut down the heavy usage of electricity.



- 7. To use the Fans as an when required.
- 8. To make effective utilization of natural light in the building.
- 9. To use of solar street lights in the campus.

#### **B.** Water Management Policies:

- 1. To connect all waste water lines from toilets, bathrooms, kitchens etc. to the septic tank.
- 2. To give proper treatment to waste water generated from campus and utilize same for various purposes like gardening and irrigation.
- 3. To promote effective water management drip pipe lines, recycling of drainage and rain water harvesting.
- 4. To encourage students, faculties and staff members to report any leaks of water tab that they come across, so as to avoid sources of water waste by maintenance staff member.
- 5. To plans, develop, distribute, and manage the optimum use of water resources.

#### C. Waste Management Policies:

- 1. To collect and sold-out waste like plastic, papers etc. to scrap vendor time to time.
- 2. To reuse one side printed paper for daily academic and administrative purposes.
- 3. To collect daily garbage and biomass by housekeeping personnel and to disposed in a compost pit.
- 4. To use two types of bins separately for biodegradable and non-biodegradable wastes in the college campus as well as in hostels.
- 5. To categorize e-waste based hazardous and non-hazardous substances and to implement various strategies of E-waste management in campus such as reduce, reuse and recycle in coordination with various agencies.
- 6. To diluted and disposed the chemicals used in chemistry lab and environmental lab in sand pits.



- 7. To reuse old workshop jobs, for student practical.
- 8. To reuse return of equipment's component for mini and hobby project of students, and display in corridors and laboratories for demonstration.

#### D. Landscaping with trees and plants Management Policies:

- 1. To plant more trees within and outside the campus.
- To plant more mediational plant, fruit trees and flowering trees abundantly. Approved by,

Dr. M. A. Venkatesh

Principal

AVCOE,Sangamner

Dr. M. A. Venka, est.
Smrutvahini College of Engine
P.O. Sangamner S.K. (422608).
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