



V.K.R., V.N.B. & A.G.K. COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi & Affiliated to JNTUK, KAKINADA)

(An ISO 9001:2015 certified institute)

Gudivada, Krishna District, Andhra Pradesh – 521301

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7.1.2 (6) POLICY FOR ENERGY UTILIZATION AND ENVIRONMENT

The Environment and Energy usage Policy of VKR, VNB & AGK College of Engineering, Gudivada is to manage energy in such a systematic way so as to minimize its impact on the environment. The policy implies to explore the renewable energy resources to reduce the burden of the government and to find out substitute natural resources as solutions to the energy crisis.

This environment and energy policy is binding for all the components of the institution and applies to all its stakeholders and to the various activities undertaken by the institution. It will help us to embed efficiency and environmental awareness into our everyday activities, thus helping us to realize our responsibilities and commitment to conservation of natural resources and to limit its usage.

Policies:

- To assess our energy usage and measure its impact on the environment.
- To count CO₂ emissions generated by our means of transportations - vehicles.
- To reduce local air pollution emissions using environment-friendly vehicles, including bicycles, public transportation and use of pedestrian-friendly roads.
- To install photovoltaic solar panels for the generation of alternate energy.
- To install LED bulbs in the complete campus to save energy.
- To develop systematic waste management mechanism.
- To develop rain water harvesting unit.
- To undertake tree plantation drive.
- To take additional measures to continuously improve our energy consumption.
- To ensure the availability of necessary resources to achieve our objectives.
- To encourage use of advanced technology to minimize energy consumption, atmospheric emissions and noise, particularly from our vehicle fleets.
- To engage in dialogue with the government agencies, municipal corporation and the

affiliating university and actively work with the local organizations in the areas of environment, energy efficiency and sustainable development.

- To monitor and respond to emerging environmental and energy issues. To strengthen our employees' and students' environmental knowledge and skills in order to improve our own environmental performance.
- To provide information and training opportunities on energy saving measures.
- To offer opportunities for employees and students to engage in initiatives those contribute to environmental protection.

This policy will be communicated to the students and employees via internal communication channels, and will be made available to all the stakeholders on the institutional website.



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POLICY DOCUMENT FOR DISABLEDFRIENDLY BARRIERS FREE ENVIRONMENT

Policy for Persons with Disabilities:

Right of Persons with Disabilities Act, 2016 prohibits discrimination against individuals with physical and mental disabilities. VKR, VNB & AGK College of Engineering recognizes the importance of creating a climate of understanding and mutual respect to cater for the dignity and worth of each person, so that they contribute whole heartedly to the development of Self, Institute, Society and Country at large.

The Institute intends to advance a comprehensive and inclusive teaching and learning environment in which incapacitated students, or any employees are not distraught or treated unfavorably. The Institutes' policy recognizes that persons with disabilities are valuable human resource for the Institution and seeks to create an environment that provides equal opportunities, protection of their fights and full participation in the academic environment.

Objectives of the Policy:

- To create regulatory mechanism for effective delivery of services to Disable Students and Staff of the College
- To create Inclusive Culture to avoid discrimination, exploitation and exclusion of Disable Students and Staff from all spheres of work and education.
- To ensure full participation of persons with disabilities and to provide them the equal opportunities for development.
- To facilitate the personal and professional growth of students with different abilities.
- To encourage them to participate in all the co-curricular and extra-curricular activities.
- To provide budget allocation to achieve above objectives

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The Focus Of The Policy Is On The Following:

- To build barrier free environment for disabled and physically challenged persons in the form of Ramps with railing facility, provision of Lifts in each and every academic building and in Restrooms.
- To provide necessary signage including tactile path, lights, display boards and signposts for the easy movement of the disabled persons.
- To adopt and implement the necessary facilities as per the guidelines of Govt. of India as on when required.
- Provision for enquiry and information: Human assistance, reader, scribe, softcopies of reading material, screen reading


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POLICY DOCUMENTS FOR CLEAN AND GREEN CAMPUS FACILITIES

VKR, VNB & AGK College of Engineering established in the year 2008. It is a self financing institution which owes its foundation to the bold and inspired vision of General and technical education society of Gudivada.

The institution is ideally located in a vast expanse of 14 acres of land on the outskirts of Gudivada city. The departmental buildings are located in close proximity each other with wide open spaces all around.

The playfields and other student and staff amenities are within working distances from the faculty blocks.

The College is recognized by the AICTE (All India Council for Technical Education Delhi). The college is affiliated to Jawaharlal Nehru Technological University Kakinada, Kakinada, Andhra Pradesh.

The College has about 1400 students, more than 110 faculty and around 70 technical and supporting staff. The hallmark of the campus is the good facilities which cater to the academic and extracurricular interests of the students. The campus provides ample opportunities for developing extracurricular skills which include NSS, social clubs and sports & games. The Alumni of this institution have excelled in various spheres and are positioned very well globally in a number of leading Government, Public Sector & Private Organizations.

The college has revised and updated the course contents and laboratory equipments from time to time to keep pace with the changes in technology and in meeting the growing needs of the industry.

Green Campus: A Green Campus is a place where environmental friendly practices and education combine to promote sustainable and eco-friendly practices in the campus. The green campus concept offers an institution the opportunity to take the lead in redefining its environmental culture and developing new paradigms by creating sustainable solutions to environmental, social and economic needs of mankind.

Objectives of the Go Green Programme: The first step of the Go Green Programme involves establishing a viable Green-Campus Committee, within the organizational structure of the Institute. Hence, to give this initiative more clarity and authenticity, we now roll out a policy document spelling out the strategies, plans and other allied tasks to make this Program functional officially.

We believe that greening the campus is all about sweeping away wasteful inefficiencies and using conventional sources of energies for its daily power needs, correct disposal handling, purchase of environment friendly supplies and effective recycling program. The administration of the Institute believes that everyone has to work out the time bound strategies to implement green campus initiatives. These strategies need to be incorporated into the institutional planning and budgeting processes with the aim of developing a clean and green campus. Every individual of VKR, VNB & AGK Campus will work, may he/she be a student, faculty and support staff to foster a culture of self-sustainability and make the entire campus environmental friendly. The Green Campus Initiatives (GCI) will enable the institution to develop the campus as a living laboratory for innovation.

Composition of the Go- Green Committee

1. Principal of the college- Chairperson
2. IQAC Coordinator- Secretary
3. Faculty Representative nominated by the Principal
4. Student Representative- General Secretary of the college
5. Non-Teaching Staff Representative- Office Superintendent
6. Industry Representative- Member of Alumni Association

Role of the Go- Green Campus Programme:

The impetus for a successful Green Campus must begin at the top and emanate throughout the rest of the campus. Without a strong message of commitment and involvement from both the Chairperson and Members of the Committee, well-intentioned initiatives may be too fragmented to allow for Institute-wide participation. Thus in view of this, the committee will plan and execute to:



plan and execute to:

1. Seek views of all the Stakeholders to make the Go Green Campus initiative functional throughout the year.
2. Conduct the Campus' environmental impacts to identify the targets for improvements.
3. Establish a Green Campus Environmental Ethic Awareness campaigns.
4. Set for a Green Campus Mission and a Statement of Principles.

Major Green Campus Initiatives:

- Waste water Management/ Rainwater harvesting
- Development of Sewage Water Treatment Plant
- Use of Micro-scale techniques
- Displayed poster on E-waste Management
- Maintenance of water bodies and distribution system in the campus
- MIS to make paperless administration
- Plastic free Campus
- Tree Plantation Drive
- Cleanliness Drive
- Landscaping and gardens

- Use of LEDs only
- Digital Library/ E-Learning Centre
- Organization of sensitization programmes for the stakeholders
- Green, Environment and Energy Audit conducted
- Restricted entry of automobiles
- No Vehicle Day observed

The Institute will make all the necessary efforts to involve the students, faculty and staff in “Green Campus Initiatives” by designating the volunteers of NSS, printing T-shirts/ Caps with green campus initiative slogan specially designed for the purpose.


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