ENERGY POLICY

Preamble

Energy and life are in a symbiotic relationship. India's energy demand could double by 2040 with the population growing exponentially. Pursuant to the Environmental Policy 2020 of All India Council of Technical Education (AICTE) educational institutes are to conserve natural environment, develop sustainable solutions and control energy consumption. In addition, educational institutions have to evolve programs and policies that convert the existing environment into a negative-carbon foot print by educating students and employees on environmental issues, concerns and sustainability to respond to the emerging challenges of sustainable development in the states, nationally, specifically in the energy sector. Thus it is incumbent on the educational community to practice sustainable energy strategies and research on alternative energies that are favorable on the eco-system.

The College's energy policy is framed to of the Institution will thus be effective in organizing structured programs to promote awareness on the proper management and conservation of energy those models resource- efficient and low-carbon campuses that demonstrate practice for sustainability.

Features in the Campus:

- 1. Natural Lighting in Classroom
- 2. Dark Time
- 3. 100% Power Backup
- 4. Effective peak load management
- 5. Repair, Re-use and frequent maintenance of equipment to ensure sustainable longevity.
- 6. Effective maintenances through annual maintenance.

Energy Policy Statement

The College's energy policy echoes its commitment to the conservation of energy. It sets out the institutions initiatives in conserving energy and sustainable practices in reducing carbon footprint for maintaining an eco- friendly green campus.

Objectives

- Use energy resources efficiently by switching to innovative technologies
- Optimize energy consumption and use cost-effective energy saving practices.
- Implement "Reduce, Reuse and Recycle."
- Regular maintenance by electricians.
- Hand-on training to faculty, non-teaching staff, students and facilities staff to implement energy saving practices.
- Establish ties with industries and conduct a complete energy audit subject to resources and availability.

• Promote awareness on energy conservation among all stakeholders.

2. Responsibilities and Roles

- (i) Faculty and student teachers, technical Staff
- (ii) Principal and Management

The team should carry out the action plan and ensure the energy resources are made available and utilized optimally.

3. Energy Optimization Action Plan

- 1. Regular monitoring and benchmarking resource use and waste generation.
- 2. Identifying and setting both short term and long term energy conservation target to achieve zero-carbon campus.
- 3. Use of energy efficient equipment as applicable.
- 4. Periodic maintenance and replacement of other lights.
- 5. When the life cycle ends of existing equipment replace it with energy efficient equipment when necessary.
- 6. Regular maintenance of electronic equipment and computer equipment to minimize e-Waste Reduce e-waste to minimum before moving on to replace & recycle stage.
- 7. Maximum use of daylight for indoor illumination and natural ventilation.
- 8. Install occupancy sensors for classrooms, halls, administrative offices, restrooms and sensor-based switches for street lighting and corridor lighting to optimize energy use.
- 9. Operating air conditioning and water coolers on optimum temperature settings.
- 10. Consider switching to renewable energy specifically solar energy.
- 11. Adopt a proactive power management mechanism.
- 12. Encourage action research projects and thesis on energy management, energy optimization techniques, renewable energy harvesting thereby promoting awareness towards energy challenges and cost-efficient practices.
- 13. Arrange and earmark appropriate training for faculty and students on energy management and energy auditing.
- 14. Incorporate project based learning strategies for energy conservation and energy management courses in the curriculum with internship in relevant industries.

Mechanism of Action Plan

The College must regularly assess the areas where in energy conservation can be implemented and create effective implementation guidelines. Regular monitoring and follow-up must be carried out and documented to understand the patterns in energy usage to inform future energy saving practices.

- The institution aims to harness solar energy to meet a substantial portion of its power needs. Solar panels will be installed on rooftops and open spaces.
- Ashokrao Mane Group of Institutions is a branch of our institution and our college is affiliated to this branch with MOU.

स्थापना : १-९-१९८६ 🕿 : (०२३०) २४७३२३४ श्री. बाळासाहेब माने शिक्षण प्रसारक मंडळ, अंबपचे कॉलेज ऑफ एज्यकेशन (ब .एड. (शिवाजी विद्यापीठ कोल्हापूर संलग्नित व एन. सी. टी. ई. भोपाळ WRC/113110/61/2004/4323/July 07/2004 व नवीन मान्यता - WRC/OAPW0593/113110/2015/143103May31/2015 पेठ वडगांव - ४१६ ११२, ता. हातकणंगले, जि. कोल्हापूर. (महाराष्ट्र) प्र. प्राचार्य : अष्यक्ष : श्री. विजयसिंह माने संस्थापकः स्व. अशोकराव माने जावक क्रमांक : 07 2018 - 19 दिनांक : 27 / 07/ २०18 अशोकराव माने ग्रुप ऑफ इन्स्टिटयुशन वाठार तर्फ वडगांव कॉलेज ऑफ एज्युकेशन (बी . एड)पेठ वडगांव शाखा अंतर्गत सामंजस्य करार वरील दोन्ही महाविद्यालये श्री वाळासाहेव माने शिक्षण प्रसारक मंडळ,अंबप या संस्थेच्या शाखा असून सदर अशोकराव माने गुप ऑफ इन्टिटयुशन वाठार तर्फ वडगांव सन २००८ पासून व कॉलेज ऑफ एज्युकेशन (बी.एड)पेठ वडगांव सन १९८६पासुन कार्यरत आहे. दोन्ही महाविद्यालयांचा शैक्षणिक दर्जा सुधारण्यासाठी खालीलप्रमाणे निरंतर सांमजस्य करार करण्यात येत आहे. १. आरोग्य शिक्षणावावत व्याख्याने व शिविरे. २.मानसशास्त्रीय व्याख्याने. ३. शारीरिक शिक्षण व्याख्याने व प्रात्यक्षिके. ४ . शैक्षणिक व्यवस्थापनात सुधारणा होण्यासाठी विविध व्याख्याने . ५.विद्यार्थ्याच्या मुल्यमापनाच्या दृष्टीकोणातून विविध योजना व व्याख्यानांचे आयोजन. ६. माहिती तंत्रज्ञानाचा वापर. ७.ग्रंथालय (नियतकालिके,वृत्तपत्रे) वरील मुद्यांच्या संदर्भात आपल्या महाविद्यालयातील तज्ञ कॉलेज ऑफ एज्युकेशन (वी.एड)पेठ वडगांव महाविद्यालयातील विद्यार्थ्याना मार्गदर्शन करतील तसेच आमच्या महाविद्यालयातील तज्ञ अशोकराव माने गुप ऑफ इस्टिटयुशन वाठार तर्फ वडगांव या महाविद्यालयातील विद्यार्थ्याना मार्गदर्शन करतील. Dr. D. N. MUDGAL कालेज ऑफ एज्युकेशन (बी. एड DIRECTOR Ashokrao Mane Group of Institutions पेठ जडगांव, जि. कोल्हापूर. Vathar Tarf Vadgaon, Tal. Hatkanangale, 18588886 (0850) · FA Dist. Kolhapur - 416 122 (M.S.)

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Various Policies implemented to keep

Campus clean, green and plastic free

The institution believes in making stakeholders environmentally conscious and social responsible citizens of the nation.

Hence, following rules are made to reduce the use of non-reusable plastic in the campus as well as to keep campus clean and green.

- "Do not use non-reusable plastic in college premises."
- Students can make eco-brick with the help of non-reusable plastic wrappers and bottles.
- Faculty members and students are allowed to use only reusable plastic bottles or steel bottles for drinking water.
- Staff can use only glass, ceramic or steel cups, cutlery and containers; do not throw any plastic garbage in the campus.
- · Do not use stationary material like use and throw pens, plastic folders and plastic bags in the college premises.
- · Create awareness for cultivation of indigenous plant varieties in the campus.
- Motivate students for tree plantation and to create awareness regarding environment protection through various activities.
- For conservation of energy resources, all the students and staff members are encouraged to utilize bicycles, public vehicles etc.
- · Eco-friendly events Use digital invitations , reduce paper waste and ensure proper waste disposal at events.
- College students should plant at least one tree in their surrounding area at every month and send its photo. This is the best activity for green environment.

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