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2nd CYCLE NAAC AAREDITATION PROCESS-2024

Criteria: 7 – INSTITUTIONAL VALUES AND BEST PRACTICES

Key Indicator: 7.2 – Best Practices

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DUMKAL COLLEGE

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(Govt.Aided, Affiliated to the: University of Kalyani Included under section 2(f) & 12 (B) of UGC Act.)

BEST PRACTICE -I

Title of the practice

RAINWATER CONSERVATION

Objectives of the Practice

- To create among all the stakeholders an awareness of the prevailing environment crisis
- To reduce carbon footprint and overall CO_2 emissions
- To conserve as much water as possible within a year
- To conserve energy and water
- To induce a harmonious ecological balance in the campus

The Context

- The threatening rise in the levels of global warming
- Increase in the frequency of natural calamities
- Extreme weather conditions and erratic weather patterns
- Unchecked levels of greenhouse gas emissions, rapid deforestation and increased consumption of energies

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The Practice

- The college has an active Eco-Management and Campus Beautification Sub-Committee that follows an environmental policy to maintain cleanliness and hygiene on the campus and to make the campus ecologically sustainable.
- The college arranged a program titled 'Save water to save life on the earth', in collaboration with the department of chemistry.
- Though rainy season is short here in the Dumkal subdivision, still we judiciously use the rain water.
- The college has undertaken an environmental audit in order to frame better policies and methodologies for making the campus more environmentally sensitive and sustainable.

Evidence of Success

- Chemistry department as well the college able to conserve considerable amount of water
- During rainy season student use rain water during laboratory work.

Problems Encountered and Resources Required

In the beginning, there was considerable debate about the long-term credibility of the rooftop water collecting system from rainwater. It was pointed out that the main problem would be the annual maintenance costs and lack of trained personnel for maintaining the system. But this initiative has proved to be a great success. With additional funding, we can extend this benefit to all departments in this college.

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NOTE (OPTIONAL)

Environmental literacy can help people minimize environmental damage through personal contributions. The awareness alone ensures a safe and sustainable environment for generations to come.

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BEST PRACTICE -II

Title of the practice

Implementation of Online Digital Management System in all spheres of Academic and Administrative activities

Objectives of the Practice

- To increase awareness of IT and AI among all stakeholders.
- To expedite administrative tasks.
- Ensure that the virtual environment is accessible to all students and faculty, regardless of their location.

The Context

- The college's proper functioning is significantly affected by poor connectivity.
- The lack of teaching and non-teaching staff combined with the high number of students results in significant problems when it comes to providing a comprehensive higher educational experience to students.
- As the world is rapidly embracing AI, it is imperative to upgrade our IT infrastructure to provide a holistic high-education experience to our students.
- To reduce the ever-increasing cost of daily operations at the college, digitalization was essential.

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The Practice

- The admission process, marksheet distribution, scholarship distribution, payments, and other related activities are handled online, which is also mobile-friendly.

- The central library has a sufficient number of textbooks and has been partially automated since 2015 with the Online Library System (OLIBS) 2.2 software. Free dedicated Wi-Fi is available for students and staff at the library.

- The college has three ICT-enabled classrooms with projector facilities, and two of these are equipped with Smart Boards. ICT facilities such as Wi-Fi and internet are available in the seminar hall.

- Google Meet, Google Classrooms, and other digital platforms are used by all departments of the college for teaching and learning actively.

- WhatsApp groups, the official Facebook page, BulkSMS, and related activities are used to communicate with students and staff online.

- As of 2023, admission forms, notices and merit lists of the students are managed online by a private vendor contracted by the college. HRMS was instrumental in the management of salary and provident fund. Internal accounts were maintained using Tally ERP 9 software.

- Salary of teaching and non-teaching staff is transferred directly to the bank account. Salary bills are submitted to the treasury through IFMS software.

- Departments provided study materials through WhatsApp groups, Google Classrooms, and the college website.

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The Evidence of success

- To ensure a low turnover time for book handling, all books are bar coded. OLIBS ensures internet browsing and online public access catalogue service. INFLIBNET and N-List allow access to E-Journals and E-books. Students can check book availability from their mobile devices.
- Computerization has been implemented throughout the office, including the principal's office. E-billing and WBIFMS are used for financial transactions.
- Since 2016-17, the admission process has been conducted entirely online.

Problems Encountered and Resources Required

- The college has been continuously making efforts to update its IT facilities, including Wi-Fi, and is gearing up its IT infrastructure for AI.
- We are in need of more financial resources and technical staff.

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