**Describe at least two institutional Best Practices:**

**Title of Practice:**

**1. Increase in the use of ICT in academic and administration**

**Goal**

• To enhance competencies in teaching, learning and research.

* Improvement in teaching and learning using web based infrastructure such as Google Apps for Education.
* To increase effective communication

**The Context**

• The students of the college are coming from various socio-economic backgrounds with little or no access to Information Communication technology (ICT) for learning. The use of ICT by the college has positive impact on learning experience and helps to develop aptitude from descriptive to analytical and from academic to practical, thus enabling the students themselves to decide their future goals.

**The Practice**

• Every department of the college has been provided laptops/desktops and LCD projectors for conducting power point presentations in lecture, practical sessions and seminars.

* College website is developed for presenting activities of college related to academics, administration, research and student support services
* Use of Google Apps in Geography department in teaching of GIS mapping
* Use of Google Apps for filling up forms for scholarship, etc.,
* Library makes use of advance technologies to access online reference databases to Teachers and students have direct access to INFLIBNET facility of UGC
* Digital classrooms: In digital classroom "Mi board‟ is installed which enables to teach interactive sessions including audio-video, drawing objects, recording lectures. The college has installed five digital classrooms.
* Wi-Fi connectivity on college campus

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* ICT in Sciences:

 Most of the advanced instruments in laboratories are aided with Computer, Mathematics and Statistics laboratories are equipped with advanced software such as Algorithm software, Problem solving software, Modeling and simulation software

**Evidence of Success**

**Lectures**

* + Teachers are using ICT facility for preparation and presentation of lectures.
	+ ICT facility is provided for guest lectures
	+ Lecture notes, references, information is exchanged between teachers and students using ICT
	+ Course completion is speeded up.

**Practical sessions**

* The ICT facility is used for demonstration of practical sessions

**Problems Encountered**

• Technical Problems

* Antivirus up–gradation,
* Need of high speed internet.
* Need of orientation of staff for using ICT .
* Need of more ICT facilities
	+ 1. **Title of Practice: Green Campus Initiative**

**Goal**

• To increase environmental awareness among staffs and students of the college and also among population in the vicinity of the college.

* To minimize the environmental pollution in and around college campus.
* To use renewable energy resource particularly solar energy
* To study and maintain biodiversity of campus.
* To support and implement „Swach Bharat Aabhiyan‟.

**The Context**

Clean environment is the basic necessity for human being for health and efficiency. Mostly limited availability of public transport compelled increased use of personal vehicles which is one of the reasons to increase pollution in and around campus. Water is a scarce natural resource hence needs to be used rationally. Solar energy can be the potential replacement for conventional electricity.

**The Practice**

The Green Campus Initiative practices are as follows:

**Green Audit :** The Botany department led by Dr. H. Manoranjan Sharma, Associate Prof. is conducting Green Audit of the plants in the College campus and the report is submitted to the college authorities.

**Key findings :**

 A total of .80 tree, species, 9 palms,1 bamboo, 52 Herbs, Shrubs and Climbers of and 81flora were observed in the college Campus.

**Nameplates on trees:**

Trees are an integral part of human life. To create awareness, botanical name, common name, plant family and significance of these plants/trees in the campus have been labeled

**Use of Renewable Energy:**

Two solar panels with 1 KWP capacity have been installed at roof top. Using these solar panels the offices of the principal and examination cell are run.

**Semimicro analysis in Chemistry:** The Department of Chemistry is practicing semi micro technique in Analytical Chemistry Practical.

**Evidence of Success:**

• Electricity failure will not affect the availability of light during the period of power cut by MSPDCL due to solar system installation. Especially Principal’s office and Exam. Cell get the benefit.

**Problems Encountered:**

• These activities have been initiated based on the available funds and could be further enhanced upon receiving funding for the same.

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