

1. Title of the practice: Digital Initiatives

Objectives of the practice: To implement various digital initiatives in the college to improve the teaching-learning process and to utilise them in administrative work to pursue the motto of “Go Green”.

The Context: Basic digital skills are required to accept and adopt the new changes introduced in the teaching-learning process and in administrative work. The threat of cyber-attacks and other such security concerns while using various digital platforms and apps.

The Practice: College has ICT-enabled classrooms with LCD projectors and Wi-Fi connectivity. The labs are updated with new software like Python, Matlab, Microsoft Office, and the latest Excel utilities. The e-resources of the college library are available on NIC Cloud through e-Granthalaya software through which one can access about 30,000 e-journals and research articles.

Evidence of Success: The College believes in 'going green. Web applications are used by administration, faculty and students to upload and access academic data, attendance data, leave records, internal assessments, examination forms, evaluations and for processing admissions which save paper.

Problems Encountered and Resources Required: Problems were faced initially only while working with Zoom Meet / Google Meet/ Google Hangout/ Video conferencing which were resolved with time. The college became a member of the N-List – Database.

Notes: The College promotes in-house development and maintenance of the college website, web applications, and other utility software to maintain the record of college data and facilitate the access of relevant documents required by various stakeholders. Institutional mail ids have been created for students for greater transparency and validation of online correspondence.

2. Title of the practice: Waste Segregation

Objectives of the practice: To adopt a sustainable approach to minimize the generation of waste inside the college premises.

The Context: Strict adherence to Reduce, Reuse, Recycle (RRR) in college premises is a challenging task but our college strives to achieve the same.

The Practice: College has a 100 KLD capacity Sewage Treatment Plant (STP) for the treatment and recycling of sewage within the college campus. The dead leaves are disposed off in the composting pits. Segregation of the waste as biodegradable and non-biodegradable waste is done. Computers/UPS/ mobiles are repaired/recharged/ replaced subject to the need for the best utilization

Evidence of Success: Kitchen waste and the horticulture waste generated inside college premises are converted to natural manure/ compost within the campus. The harvested bio compost is used in the college gardens. E-waste is disposed of without harming the environment, as per prevailing norms, and the University's MoU with MSTC

Problems Encountered and Resources Required: Three cartons labelled as e-waste, plastic waste and metal waste have been placed at different locations for safe disposal. The habit of segregation of waste needs to be inculcated in students which is a challenging task.

Notes: There is a strict protocol for liquid waste in a chemistry laboratory. The glassware is rinsed with minimum water and concentrated acidic or alkaline solutions are neutralized before disposal as per the guidelines.