

7.1.7 Green Practices

- **Students, staff using**
 - a) **Bicycles**
 - b) **Public Transport**
 - c) **Pedestrian friendly roads**
- **Plastic-free campus**
- **Paperless office**
- **Green landscaping with trees and plants**

Describe efforts towards green practices on the campus within a maximum of 500 words

In order to inculcate a responsible attitude towards preserving the environment and to impart knowledge about Green practices, the 'Environmental Science' course has been introduced by Osmania University. This course is mandatory for all branches of Engineering. Some of the course objectives of this course are: Create awareness and impart basic knowledge about the environment and its allied problems and study the different types of pollutions and their impact on environment. Some of the course outcomes of this course are: Develop an attitude of concern for the environment, conservation of natural resources and biological diversity and creating awareness of Green technologies for nation's security.

As a part of the drive for promoting pollution free campus as well as a healthy lifestyle, students residing in nearby hostels are encouraged to commute to the institute by walk or by bicycles. The college is well connected to the various parts of city through TSRTC transportation system. Staff and students, who reside at a longer distance from the campus, utilize this facility. A few of the students and staff use car-pool as a means of commutation.

The Institute has well-laid demarcated pedestrian paths and roads within the campus. This allows students and staff to commute safely on the campus.

The Institute actively discourages the use of plastic on the campus. The use of plastic in college canteens is banned. Students and staff are sensitized to the disadvantages of using plastic through various programmes which are conducted from time to time. In this regard, an awareness campaign on 'Ban to the Plastic at MJCET' was conducted as part of the "52nd Engineers Day – 2019" on 18-09-2019. In addition, 'Say No to Plastic' boards are displayed at various points in the campus. All kinds of paper waste are sent for recycling.

Major efforts are being undertaken to prepare and maintain paperless documents. Some of these initiatives are: Earlier, Student attendance system was paper-based, wherein, shortage of attendance was communicated to the parents through post. From the past four academic years, student attendance is maintained completely online using 100pins.com portal. Similarly, student counselling and mentoring system was earlier completely paper based. Recently, the 'Online Mentoring / Counselling Application' has been developed and implemented which has made the student counselling process completely online. A major move away from paper based teaching material is the 'Students Resource' portal which is used by the faculty to upload lecture notes and other learning material for the benefit of the students. Maximum efforts are made to undertake communication between departments, staff and students through official e-mail.

Tree plantation and maintenance is a regular practice of the institute. For this purpose, fulltime gardening staff is employed by the Sultan ul Uloom Education Society. All the lawns

on the college campus are equipped with sprinkler system and drip to reduce water wastage. In August 2019, massive tree plantation drive was undertaken on the college campus as part of 'One student One Plant' initiative of Central government and AICTE.