Institutional best practices -

Practice 1: No Vehicle Day
1**. Goal**:
To raise environmental sensitivity and awareness among students about the vehicular pollution.
To create awareness about global warming caused by fossil fuel burn and its impact on Indian economy.
To encourage for using the bicycles and public transportation system in reducing the carbon footprints.

1. **The context**: our college is just outside the vicinity of Gadchiroli city. The Municipal Corporation and college doesn't provide the public transportation facility and the other efficient modes of commuting aren't available to reach the college. So most of the students and faculties rely on their personal bikes and vehicles.

Environmentalists all over the world are raising concerns over the global warming and impact of motor vehicles in emission of poisonous gases. We, at the college level, are doing our own small act by abstain the vehicles on every Saturday in our premise.

2. **Practice**:
   ➢ It's became a fashion and trend to use the vehicles even for small distance by the society, mostly by the youngster. It feels ashamed and embarrassing to them to walk or use the bicycle.
   ➢ Being a science students we must understand the negative impact of fossil fuel on our planet and ultimately on our health. Therefore we should try to avoid the vehicles for small distance.
   ➢ To inculcate this habit college has made a rule for every student and faculties not to come in the college by vehicle on every Saturday. It will help somehow to reduce the poisonous gases exhausted in the atmosphere by the motor vehicles.
   ➢ We are mostly relying on the fossil fuel imported from the gulf countries to cater our energy requirements and our country is spending a handsome foreign currency for buying it. By practicing we can bring down our fuel consumption and save some bucks. This will help us to reduce the air pollution, keep us active, healthy and boost our economy.

Evidence of success:
1. On every Saturday no one use to bring their vehicles in the college.
2. Students and staff enjoying using the bicycles and having a walk to come in the college.
3. Students are having the self-satisfaction and patriotic feelings is developed as they are contributing to conserve the nature and saving the governments money for which they need not to go at border.
4. They become aware about bad impact of vehicles on the nature and encouraging their friends and neighbors to use bicycle or electric bike for travelling in the city.

Type	Degress	DMS
Latitude	20.17074	20°10'14'' N
Longitude	80.00414	80°0'14'' W

Type	Degress	DMS
Latitude	20.17074	20°10'14'' N
Longitude	80.00414	80°0'14'' W

Practice 2: **NET SET and Competitive exam guidance**

1. **Goal**: Promotion of academic development of students is the prime motive of our college. To encourage our students prepare and appear in Net, Set and competitive examination. To groom them properly through a question bank and mock examination.

2. **The context**: Our College is mainly established to provide the education to socially and economically deprived students of this remote district. Most of the students are the first generation learners and they don't know much about the different carrier opportunities after completing their education. In this regard college library is made enriched with lots of books for competitive examination and along with this we have prepared a question bank for the NET and SET examination aspirants.

3. **Practice**:
   - Gadchiroli is well known for the tribal communities and dense forest. Most of the population lives in small villages and hamlets. They rely mainly on monsoon agriculture and forest resources for their livelihood.
   - Since most of the communities are socially deprived most of them don't afford to take education in private schools and colleges. Government has started the residential schools for them in their localities and Zilha Parishad also take cares that none of the student should remain destitute from taking the education.
   - After completing their school and intermediate studies they come for graduation without keeping any aim. By the end of graduation they decide to appear for various competitive examination and post graduate students prepares for NET and SET examination.
   - By keeping this in mind we have prepared a question bank for NET and SET examination and the same are uploaded on the college server for conducting the mock examination.
   - The question bank is also shared with the students for initial preparation. Each student will get the random question through server this will help them to understand the pattern of examination.

4. **Evidence of success**:
   1. Whenever students wish to appear for examination we arrange the mock examination for them.
   2. The question bank helped them to understand the type of questions usually asked in the examination and also help them to do self analysis for better preparation.
   3. In the mock examination students can get the result soon after submitting the paper.
   4. This kind of tool developed the confidence in students, so that they can appear for the examination fearlessly.
   5. The outcome of this software base examination is some students have cracked the NET and SET examination.

Mock NET examination Summer 2019 (March 2019)

Screenshot of MOODLE learning management system

MOODLE Learning management System
CSIR–NET Mock examination