



MAHATMA GANDHI MISSION'S
COLLEGE OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

Affiliated to University of Mumbai

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BEST PRACTICES

1. Title of the Practice: *Protection of environment and inculcation environmental values and consciousness amongst students, staff and society*

2. Objectives of the Practice

1. To inculcate environmental values and consciousness amongst students, staff and society
2. To aware the people regarding E-waste, safety measures and other issues related to mobile and internet facilities in rural villages.
3. To create a “water-secure and environment conscious” campus at MGMCCSIT, Navi Mumbai.
4. To ensure the protection of environment through
 - a. Water conservation at campus.
 - b. To sensitize students through various Swach Bharat abhiyan etc.
 - c. To spread awareness about importance of tree plantation for protection of environment.

3. Context:

It is crucial to recognize that the environment plays a vital role in human life and the overall balance of nature. Unfortunately, the environment has been significantly impacted by various factors such as human activities, lack of awareness about environmental protection, climate change, improper use of natural resources, and deforestation. To mitigate these damages, it is essential to raise awareness among society about water conservation, promote judicious use of natural resources, and encourage tree plantation.

4. The Practice

Water conservation activities on Campus:

- A proper rain water harvesting system is developed at campus.
- Water treatment plant having processing capacity is 80 Kilolitres per day (KLD) is established for treatment of this water and convert it into potable water for reuse at campus.
- STP is established at campus for treatment of waste water and it is used for maintaining the greenery within campus and for toilet flush.
- Approximatly 06 lacs liters of water is recycled and reused with the help of STP & WTP at campus.

Tree plantation

- Institute organizes tree plantation drives at campus and in community for maintaining the balance of environment.
- MGMCCSIT have arranged plantation activities in nearby villages and in the campus.
- MGMCCSIT have lush green campus with diverse types of Tree/Plants at campus.

Awareness Activities

- Institute believes in team work & participation of community in this mission.
- MGMCCSIT have organised 5 tree plantation.
- MGMCCSIT have conducted awareness programmes for Schools, Villagers and sensitization for our students

5. Evidence of Success:

- Daily approximately 06 lakhs litres of water is recycled and reused for maintain the greenery and for toilet flush.
- MGMCCSIT have lush green campus with different kinds of plants & trees in campus.
- 05 tree plantation drives conducted in last 05 years at campus as well as at community. Due to COVID we were unable to do the plantation drive for two years.
- **Sensitization programmes: 26 for schools, 5 for Villagers for topics like electronic hazards like E- waste, its knowledge like Digi Locker etc.**
- Around 80 % people felt that they are benefited with these awareness activities and tree plantation drives conducted by the college.

6. Problems Encountered and Resources required

- Its Time Consuming.
- Making school students aware is sometimes difficult.
- Finalizing the schedule according to the Sarpanch of Village & Principal of Schools is difficult.

1. Title of the Practice- *"Enhancing Critical Thinking Skills in Students through Interactive Workshops, Seminars & Value added courses."*

2. Objectives of the Practice

1. To Enhance Knowledge.
2. To enhance students' Professional Skills.
3. To work on students' Personal Growth.
4. To provide a platform for students for Networking Opportunities.
5. To expose students to New Ideas and Perspectives.

3. The Context

Seminars, workshops & Value added courses provide **opportunities for students** to gain in-depth knowledge and understanding of specific subjects or areas of interest. They can learn from experts, industry professionals, and experienced individuals who share their expertise and insights.

These events aim to **enhance students'** Professional **skills** in various areas such as communication, leadership, problem-solving, critical thinking, and teamwork.

Value Added, Seminars and workshops can **contribute to students' personal growth** by fostering self-awareness, self-confidence, and self-motivation.

These events provide a **platform for networking for students to connect with peers, professionals, and experts** in their fields of interest.

These events **expose students to diverse perspectives, innovative ideas, and emerging trends** in their respective fields. This exposure broadens their horizons, encourages critical thinking, and promotes intellectual curiosity.

4. The Practice

Institute provides following practices to fulfil the objectives:

1. The topics for the Value added courses, Seminars & Workshops are chosen as per the requirements of the students.
2. Speakers/ Experts are invited as per the topic.
3. Feedback is taken on the last day.
4. On the final day Certificates are distributed.
5. Students contribute in the selection of the topics to be taken further for Value added courses, Seminars & Workshops of their interest & trend.

We have organised the workshops Under IPR, Entrepreneurship, Research Methodology, Game Designing, Model Designing, Robotics, IOT, Artificial Intelligence, Web Designing And Development For Society, Android Application (Apps) Development.

On a personal level, Students through Workshops & Seminars have learned strategies for effective communication, develop leadership qualities, and gain insights into personal development and well-being.

Professionally, workshops and seminars provide students with valuable opportunities to learn new analytical skills, acquire knowledge, and stay updated on industry trends.

5. Evidence of Success

1. **Value added courses:** Our Students have the opportunity to enhance their resumes through minimum **5 additional certifications** each year, totalling **26 certifications** in five years over their academic journey. The topics are based on IPR research methodology & entrepreneurship development in relevant with IT and to encourage the students towards the mission of Indian Government's Make in India moment.

2. **Seminars & Workshops:** College has initiated 40 seminars/ Workshops during the last Five Years. *These activities encourage active learning, problem-solving, and critical thinking, helping students develop important skills that are highly valued in the professional world. Students also have the opportunity to receive feedback and guidance from experts, enabling them to refine their skills and improve their performance.*

6. Problems Encountered and Resources Required

1. Students having busy academic schedules can be a challenge.
2. Finding experts for specific topics in workshops or seminars.
3. It is Time-Consuming.