



Best Practice - 1

1) Title of the Practice: **Enhancing Technical and Entrepreneurship Skills through Diverse Initiatives**

2) Objectives of the Practice:

- 1) To develop industry-ready technical skills among students.
- 2) To foster entrepreneurship and innovation in tackling industrial and social challenges.
- 3) To encourage participation in national and international competitions

3) The Context:

Recognizing the gap between academic learning and industry requirements and the fact that the job is the primary requirement for the students admitted nowadays, the institute realized the need to promote and establish a culture for technical and entrepreneurship skill development.

4) The Practice:

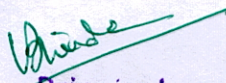
The management of the Institute and Principal decided to work on skill development and entrepreneurship development for students through diverse initiatives. "The Centre for Technical Skills & Entrepreneurship (CTSE)" was established to conduct various technical and entrepreneurship-related activities.

With the financial and other support of the management, the institute has also become a part of the e-Yantra Lab Setup Initiative (eLSI) project of IIT Bombay and Established Robotics & Embedded Systems Lab under the guidance of the eYantra team.

The institute has signed MOUs with the Marathwada Accelerator for Growth and Incubation Council (MAGIC) and the Society of Automotive Engineers India (SAEINDIA) to promote innovation and to provide support to enhance the skills.

SAEINDIA has nominated our institute as a Divisional Office of the Aurangabad Division. The institute has provided the support of infrastructure and sufficient manpower to look after the various activities of the SAEINDIA. Various technical activities are organized under the SAEINDIA Aurangabad Division for knowledge transfer and gaining skills.




Principal
C.S.M.S.S. Chh. Shahu College of Engineering,
Kanchanwadi, Aurangabad.



Students and faculties are encouraged to actively participate in national competitions organized under SAEINDIA in different categories like M BAJA, E BAJA, H BAJA, and Technology Innovation Forum for Agricultural Nurturing (TIFAN) to apply and test technical knowledge in real-world scenarios. They are also encouraged to participate in the events organized under MASSIA, CII, CMIA, NIPM, and QCFL.

The institute is also organizing several events under professional bodies like ISTE. Students and faculties are encouraged to participate in these events.

5) Evidence of Success:

The institute has organized many entrepreneurship awareness activities. Many students have participated in various entrepreneurship/startup development-related activities and benefitted. One student startup is incubated.

Several students grabbed prizes at competitions like the eYantra Ideas Competition, Mitsubishi Electric Cup, Startup India Maharashtra Yatra, Avishkar Competition, etc.

Many activities over design thinking and ideation have been conducted by external partners under the CTSE department.

The students and faculties have participated in the various events conducted under SAEINDIA. The number of students and faculties has received notable awards and recognitions. Some of them secured the first prizes or runner-up positions in these events.

Many events under ISTE have been organized. The institute has received the Best Engineering College Award 2021 at the ISTE Faculty Convention.

6) Problems Encountered and Resources Required:

Arranging infrastructure and financial support - The management of an institute has provided adequate infrastructure and facilities as and when required for conducting the activities.



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Principal

C.S.M.S.S. Chh. Shahu College of Engineering
Kanchanwadi, Aurangabad.



CSMSS

Chhatrapati Shahu Maharaj Shikshan Sanstha's
CHH. SHAHU COLLEGE OF ENGINEERING

Kanchanwadi, Paithan Road, Aurangabad, 431 011
Ph. No. : (0240) 2646373, 9922668199, 2646350 Fax: (0240) 2646222
Website: www.csmssengg.org



Approved by AICTE New Delhi, DTE (Govt. of Maharashtra) and affiliated to Dr. BATU, Lonere (Raigad). **DTE Code: 2533**

Best Practice-2

1) Title of the Practice: Inculcation of Social Responsibilities through Extension Activities

2) Objectives of the Practice:

- 1) To create awareness amongst the students about their social responsibilities.
- 2) To inculcate the sense of belongingness through the extension activities.
- 3) To provide students a platform to discharge their social responsibilities.

3) The Context:

It is observed that in the era of industrialization and technological advancements, everyone has a materialistic approach towards life. The students also appear to be absorbed in achieving their materialistic goals through different means and practices. Despite of many attempts of inculcating awareness of social issues like Health and Hygiene, Environmental Conservation, Literacy, Safety, National Integrity, Human Values, etc. remained abandoned.

4) The Practice:

The institute has adopted Lanzi/Hirapur village for implementing planned activities through the participation of student volunteers, faculty members, residents of the village, etc. The extension activities conducted to inculcate awareness of social issues and problems among students and avail the platform to discharge their social responsibilities through different student bodies. The activities are distributed into following categories,

Environment Conservation

Environment Conservation campaign is one of the most important issues that need to be addressed immediately as many other environment-related challenges are coming in. The institute promotes awareness about environment conservation through syllabi and on-campus and off-campus activities like tree plantation, environment promotion rallies, waste management, cleanliness drives etc.



V. Shinde

Principal

C.S.M.S.S. Chh. Shahu College of Engineering,
Kanchanwadi, Aurangabad,



Health and Hygiene

The issues of health and hygiene are of utmost importance in the current lifestyle. The participants spread the awareness in society. They address the need of a healthy diet, cleanliness and health checkup through various activities like rallies, demonstrations, informative seminars, food distribution etc. We often visit Matoshri Old Age Home for conducting different activities like health awareness and healthy diet for senior citizens.

National Integrity

The institute also organizes numerous activities to spread responsiveness among the villagers and the students about their accountability and responsibility towards nation and democratic values.

Literacy Program

The institute implements several literacy programs in the schools to impart computer literacy, the Indian knowledge system, English language, etc.

5) Evidence of Success:

A large number of social extension activities are planned and conducted by the institute for the benefit of students and society. The students are motivated to contribute to environment conservation, safety, health and hygiene, computer literacy and many more societal issues. The residents are benefited as they become keen about social issues and challenges.

6) Problems Encountered and Resources:

Most of the activities are conducted in remote places from institute where initially we encountered problems of infrastructure, availability of residents due to their dissimilar schedules. The institute has taken initiative and alleviate the problems for effective implementation of the activities at diverse locations.

The institute provides infrastructural, transportation and refreshment support to conduct extension activities. The institute also supports through availability of experts and professionals in different domains to guide different stakeholders. The institute also provides transportation facilities and necessary equipments to conduct extension activities.



Chh. Shahu

Principal

S.M.S.S. Chh. Shahu College of Engineering,
Kanchanwadi, Aurangabad.