SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

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ECE, EEE, MECH – NBA Accredited)
Dindigul – Palani Highway, Dindigul – 624 002

CRITERION 7 Institutional Values and Best Practices

7.2 Best Practices

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual

S. No	Description	Link to relevantdocument
1	MOU	**View Document**
2	Internships	**View Document**
3	Technology Training	**View Document**
4	Profiling	**View Document**
5	Mentoring	**View Document**

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Best Practice-01:

1. Title of the Practice: Profiling and Mentoring
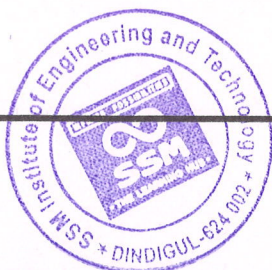
2. Objectives of the Practice:

- To explore a student's attitude, skills and interests to assess their personality.
- To discover their unknown skills and talents inside them thereby decide which career path to take while they move forward in their studies.
- To minimize dropouts from institution
- To improve performance and reduce stress of the students through personal Counselling

3. The Context:

A transition to professional college life can be challenging for students, particularly those from limited academic resources family. The unfamiliar environment often induces stress, and students may experience a sense of complexity and hesitation in the classroom,. One solution is to cultivate mentor-student bonds for emotional stability, clarity in thinking, and holistic progress.

4. The Practice:

- Each teacher is assigned around 15-20 students for the complete duration of their study

- They meet at least once in a week to discuss, clarify and share various problems which may be personal or academic.

- The mentors encourage the students to participate in co-curricular and extracurricular activities and sports

- Their academic performance and other activities are all recorded and also keep in touch with the parents on their attendance, test performance, fee payment, examinations on weekly basis

- Mentors take special care of weak students, who are given advice on how to study, prepare a time table for study and clarify the doubts and also given notes to study

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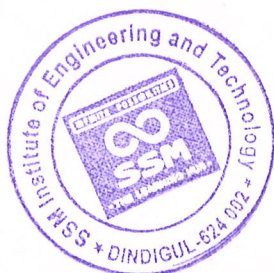Dindigul – Palani Highway, Dindigul 624 002

- Based on the results of the Psychometric test, students are classified into four groups as follows Full Attention Needed, Moderate Attention Needed, Minimum Attention Needed, Self-Motivated. It is proposed to have individual counseling for Full attention needed students , Therapeutic Group session for Full attention needed and Moderate attention needed students and Life skill Workshop Session for Minimum attention needed and self-motivated students.

5. Evidence of Success:

The effectiveness of this approach is substantiated by a myriad of positive outcomes, reflecting a notable enhancement in various facets of academic and campus life. Noteworthy indicators of success encompass elevated **university ranks**, marked improvements in **examination results**, a discernible **surge in attendance rates**, a substantial **reduction in dropout incidents**, and heightened engagement in both **co-curricular and extracurricular activities.** The establishment of healthy relationships with faculty members contributes significantly to this sense of ease, fostering an environment where students can thrive academically, emotionally, and personally.

6. Problems Encountered and Resources required

Allocating dedicated time within faculty schedules for mentoring activities is vital, recognizing and valuing mentorship as an integral part of the academic role. There are no limitations or constraints faced during implementing the program.

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Best Practice-02:

1. Title of the Practice: SSMIET Model
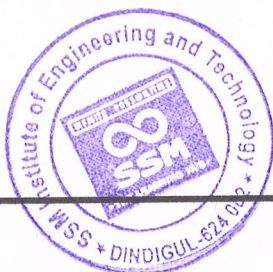
2. Objectives of the Practice:

- To encourage students to actively participate in the Internships, Technology training, and student projects in core, health care, and rural technology sectors
- To provide practical, hands-on experience to students while addressing critical societal needs.
- To empower students to evolve into successful entrepreneurs.

3. The Context:

The SSMIET Model is structured around fostering robust connections between the industry and the institute, as well as establishing an effective incubation setup. This model serves as a strategic framework for enhancing collaboration and synergy between academia and industry, ensuring that students benefit from real-world insights and experiences.

4. The Practice:

- To operationalize the SSMIET Model, The initial phase involves delivering comprehensive *Technology training* to students by industry experts, ensuring a minimum of 50 hours with hands-on training in every semester.
- Establishment of *Memorandum of Understanding (MOU)* with diverse industries is used for facilitating student *Internship* and also led to invite industry experts for Technology training.
- SSMIET Students are encouraged to attend the Internships from third year itself.
- Students are motivated to undertake end-semester projects or mini-projects with a *focus distribution of 50% in core areas, 20% in healthcare and rural technology, and 10% in societal domains*, fostering a well-rounded and impactful academic experience

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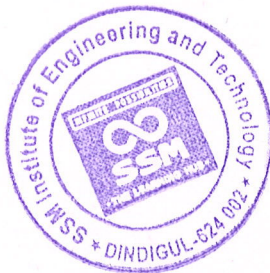NBA Accredited-Mech, EEE and ECE programs)
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5. Evidence of Success:

- The success of our initiative is manifested through a significant upswing in student involvement and active participation in internships.

- There has been a substantial rise in the conversion of internships into job offers.

- This initiative has resulted in the establishment of *36 Memoranda of Understanding (MOUs), delivery of 56 technology training sessions, and the facilitation of 115 internships*.

- The emphasis on practical application is evident in initiatives like the Industry Hackathon, where students actively participated and 44 proposals from SSMIET students were submitted in the prestigious MSME IDEA HACKATHON 3.0 (WOMEN).

6. Problems Encountered and Resources required:

- There are no limitations or constraints for sending students to participate in the Industry Internships
- But unpaid Internships making it financially challenging for students, especially those with limited resources.
- Internship durations are often fixed, which may not provide students with a comprehensive understanding of the industry or sufficient time to contribute meaningfully

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