



MUTHAYAMMAL ENGINEERING COLLEGE

(An Autonomous Institution)

(Approved by AICTE, New Delhi, Accredited by NAAC & Affiliated to Anna University)
Rasipuram - 637 408, Namakkal Dist., Tamil Nadu



INTERNAL QUALITY ASSURANCE CELL

Best Practice –I

1. Title of the Practice

SMPE - Student Mentoring for Performance Enhancement

- ***FSM - Faculty Student Mentoring***
- ***PSM - Peer Student Mentoring***
- ***ASM - Alumni Student Mentoring***

2. Objectives of the Practice

To enhance the students performance through,

- Identification of the students ability and mentor the students by the faculty members - **(FSM)**
- Grouping of the light minded peer students to collaborate and grow - **(PSM)**
- Assigning group of students to interested active Alumni to provide guidance - **(ASM)**

3. The Context

- ***FSM*** - It provides a framework for professional relationship that encourages goal setting, personal growth and effectively assists their mentees
- ***PSM*** – To balance the interest of the students through peer group for better performance
- ***ASM*** – The industry and academia gap is reduced through alumni mentoring

4. The Practice

FSM- Faculty Student Mentoring

- Each faculty member is assigned with 15 students
- Regular interactions are made to mentor
- Students are motivated to participate in various activities based on their ability
- Mentoring is done to plan their career path as per their choice
- Faculty-Students-Parents meetings are arranged to review the performance

PSM - Peer Student Mentoring

- Learning levels of Students are assessed by considering the performance in continuous assessment and previous semester performance
- Students are interacted for analyzing the various factors influencing the performance
- Students are categorized as Slow and Advanced Learners after the careful counseling with students
- Advanced Learners are identified and assigned maximum of two slow learners in their respective class
- Bright students will support the slow learners to identify the academic difficulties and personal issues
- Regular review is conducted to understand the impact of peer mentoring

ASM - Alumni Student Mentoring

- Active alumni are identified and invited for interaction with the students
- Identified students are attached with the alumni
- Alumni mentor interacts with the assigned students to plan their career well in advance
- Alumni mentor updates the expectation of the industries to the assigned students
- Assigned students are motivated to involve in various activities and online certification to satisfy the industrial requirements

5. Evidence of Success

➤ NPTEL Certificate	: 2161
➤ Seminars Participation	: 2128
➤ Workshop Participation	: 2950
➤ Student Tech Talk	: 1502
➤ Paper Presentation / Seminar / Workshop Participation (External)	: 2049
➤ Online Certification –General Topics	: 5547
➤ Online Certification - Technical	: 3133
➤ Outreach Programme Participation(Societal Relevance)	: 575
➤ Industrial Training Certificate	: 539
➤ Sports Participation Certificate	: 97
➤ Value Added Course Certificate	: 816
➤ EDC Program	: 423
➤ Project Contest / Field Project/ Minor Project	: 536
➤ Internship (Min. of 2 Weeks)	: 1499
➤ Idea Submission to Centre for Product & Consultancy	: 20
➤ Conference Presentation	: 276
➤ Journal Publication	: 448
➤ Patent Filing/Publishing	: 118

6. Problems Encountered and Resources Required

Resources are available and no problem encountered

7. Notes (Optional)

The Institution has a structured mentoring system where the students are provided professional guidance for career advancements through theoretical and practical knowledge by the faculty members, Peer Students and Alumni during the period of study.



PRINCIPAL
MUTHAYAMMAL ENGINEERING COLLEGE
(AUTONOMOUS)
SACIDURAM-637 408, NAMAKKAL DIST
TAMILNADU



MUTHAYAMMAL ENGINEERING COLLEGE

(An Autonomous Institution)

(Approved by AICTE, New Delhi, Accredited by NAAC & Affiliated to Anna University)
Rasipuram - 637 408, Namakkal Dist., Tamil Nadu



INTERNAL QUALITY ASSURANCE CELL

Best Practice –II

1. Title of the Practice

MyMP – My Idea My Product

2. Objectives of the Practice

- To instill the habit of converting thoughts into feasible ideas
- To provide opportunities for exhibiting Ideas
- To understand the product development cycles through various presentations
- To implement the products

3. The Context

In this context, the students are motivated to have idea generation and taught on product making skills to bring more Ideas into Products

4. The Practice

- Students are educated to convert the Real-Time issues into Projects/Products
- Students are trained on Design, Prototype making and Innovation
- Technical Talks by Industry Experts are arranged
- Faculty Members motivate the students to generate ideas
- Conduct competitions to consolidate the work
- Students are encouraged to participate in contest conducted by Industries/Institutions

5. Evidence of Success

- **No. of Students participated in the Project and Idea Contest: 557**
- **No. of Students Participated in Smart India Hackathon:254**
- **No. of Students completed NPTEL course on Product Design:48**
- **No. of Students Registered in MSME Udhayam:149**
- **No. of Products Developed:30**
- **No. of Products Commercialized:19**
- **No. of Patents Published:93**
- **No. of Patents Granted:09**

6. Problems Encountered and Resources Required

MyMP needs creativity, idea generation and Implementation. The faculty members and students have multidisciplinary interaction with the support of industry experts. The facilities available in the institution including the AICTE IDEA Lab helps them to implement the project and product. Hence, the challenge in implementing this practice doesn't arise.

7. Notes (Optional)

This practice is to encourage the students to come out with innovative ideas for real time problems. The contest provides the platform for attracting students in a team and tries to conceptualize the Innovative Thinking and framing them as feasible projects and later as a product which in turn increased the possibility of entrepreneurs.



PRINCIPAL
MUTHAYAMMAL ENGINEERING COLLEGE
(AUTONOMOUS)
RASIPURAM-637 408, NAMAKKAL DIST
TAMILNADU.