



St. MICHAEL

COLLEGE OF ENGG. & TECH.,

(An ISO 9001:2015 Certified Institution)

(Approved by AICTE, New Delhi. & Affiliated to Anna University, Chennai.)

Kalayarkoil - 630 551, Sivagangai Dist., Ph. : 04575-232010

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Ln. Dr. V. Michael
Founder

Best Practice 1

1. TITLE OF THE PRACTICE

Academic Club Activities for Holistic Development

2. OBJECTIVE OF THE PRACTICE

The holistic development of students is a fundamental aspect of education at SMCET. To achieve this goal, the college encourages the active participation of students in various academic clubs. These clubs provide a platform for students to explore their interests beyond the classroom, develop essential skills, and foster a well-rounded personality. The primary goal of this procedure is to ensure that the club is deployed for and by the students themselves with guidance of faculty. This practice draws attention to the various academic club activities held at the college to encourage students' overall growth.

The college has eight active clubs, each offering unique personal and professional growth benefits for students. Students are required to enroll in clubs, with a maximum limit of three. Academic clubs offer research opportunities, conference attendance, and in-depth understanding of subject areas. All clubs promote essential skills and knowledge, such as presentation skills, technical skills etc. Active motivation for student participation in club activities leads to organizing more events.

3. THE CONTEXT

Club events provide networking opportunities with professionals and peers in the industry. Club activities promote teamwork, collaboration, and exploration of interests in a supportive environment. Association activities offer opportunities for students to engage with professionals in their field, gaining knowledge and valuable connections. Symposiums and workshops deepen students' knowledge and skills in specific areas of study and allow learning from experts. In our college we practice various prominent academic clubs which focus on well being and career development of the students.

The salient feature of this holistic initiative is that students play the major role of conducting, organizing and presenting in a nut shell it's a platform for the students and by the students. College club activities enrich the students' experience by providing diverse opportunities for growth, exploration, and



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collaboration. By actively participating in these extracurricular pursuits, students can expand their horizons, discover new passions, and develop skills that will serve them well beyond their college years.

4. THE PRACTICE

Some of the prominent academic clubs include:

a) BIOTRACK Club:

This club aims to foster a scientific temper among students. It conducts workshops, seminars, and competitions on various scientific topics by students. Students are encouraged to present research projects and innovative ideas, promoting critical thinking and problem-solving skills.

b) ECO Club:

This club focuses on practical applications of environmental engineering principles. It organizes hands-on workshops, project exhibitions, and guest lectures by industry experts. The club plays a crucial role in enhancing students' contribution to making eco-friendly human and also makes them involved in practicing agro-related practices.

c) FORZA V2:

This club aims to develop students' communication and oratory skills. It conducts debates, elocution contests, and writing competitions. Additionally, the society hosts literary events, encouraging students to express their creativity.

d) EDITH Club:

Geared towards nurturing programming talent, this club organizes coding competitions, hackathons, and programming challenges. It provides a platform for students to improve their coding skills and learn from each other.

e) MICCA Club:

This club mainly focuses on developing the students regarding the updating of their skill sets in the chemical engineering domain by conducting seminars, debates, and invited lectures etc.

f) LEADERSHIP Club:

This club concentrates on the students interested in entrepreneurship and business and also students of Management studies. Likewise, this club offers workshops on business strategies star



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up mentoring sessions, and case study competitions. It nurtures leadership qualities and entrepreneurial spirit among participants.

g) **TECHTRIX Club:**

This club mainly aims to update the development and current trends in automobile and mechanical engineering applied sectors. The students are getting industrial exposure and also involving them with various kinds of activities, especially in steering to do fabricating as well as application-oriented projects.

h) **NIKODAY CLUB:**

This club mainly aims to update the students with recent trends in electrical and electronics sectors by involving in different activities like presentation, quiz, and non-technical events like connections, puzzles, games, etc. conducted by the students. It invokes students' ability of innovative ideas.

i) **SIR. C.V. RAMAN SCIENCE FORUM:**

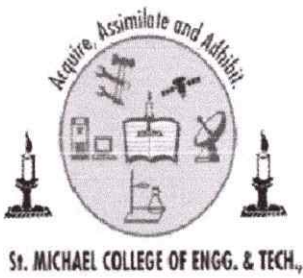
The prime objective of this club is to generate and foster interest in the field of science among students. It seeks to inspire curiosity, critical thinking, and a passion for scientific exploration. Students work together on scientific projects, discussions, and events, which enhance their interpersonal and problem-solving skills.

5. EVIDENCE OF SUCCESS AND OUTCOMES

Our college has fostered an environment for all the students that encourage them to participate and present their ideas and current trends in their core areas through various club activities. Students, engaged actively in the club activities, are reported to gain significant improvements in the various skills, such as public speaking, teamwork, problem-solving, and critical thinking. These skills were particularly honed during presentation, where students had to articulate their ideas effectively and respond to questions from judges and peers. 186 students from our college participated in the various presentations that were held in various organizations, and 63 students won prizes in the academic year 2021-2022. Additionally, the club activities at our college help the students build other skill sets that boost academic performance. For instance, students can learn time-management and focus skills they can apply to their coursework. As they create schedules for themselves and ensure they fit all tasks into their day, they can hone skills they will carry through their time on campus and into their careers.



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6. PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED

There are so many external stimuli these days that its little wonder that many students feel distracted Student success encompasses many facets of the academic experience. Some aspects include academics, persistence, goal achievement, core competencies, satisfaction, soft and hard skill possession, and career or life readiness after graduation. The club activity committees have collected feedback from club leaders, members, and participants to identify areas of concern and propose potential solutions.

- Low Participation and Membership
- Club activities often requires dedicated time and practice, so fitting it into busy academic schedules might be a challenge.
- As a whole, the overall system is well planned and the resources are available in college. There may be a problem with the students on their personal issues, which can be solved by proper counseling by the faculty coordinators.
- Introduction of new clubs catering to evolving student interests and demands.
- Creating the right environment for learning should be a relatively easy solution that will help overcome the power of all these external distractions.




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Best Practice-II

1. TITLE OF THE PRACTICE

Skill Development: A Pathway to Empowerment and Success

2. OBJECTIVE OF THE PRACTICE

The purpose of this program at our college is to highlight the significance of skill development in empowering and achieving success for the students at SMCET. Skill development is a crucial aspect of modern education, enabling students to become competent professionals and contributing citizens. We conduct various skill development programmes to students and improve their employability to promote entrepreneurship. Students contribute to the Manpower Development of our Nation and to elevate the standards of youth socially and economically.

3. THE CONTEXT

Skills and talent are the driving forces of economic growth and social development of the country. In today's global scenario, it is extremely important for the learners of any Institute to acquire extra knowledge over and above the regular course of study as prescribed in the curriculum. All the students need to work further to enhance their talent to be not only the part of the race but to win it. In this process of enhancement, the students need to acquire various types of skills and techniques to deal with day to day life challenges to get ready for the job market. SMCET has always been committed to providing holistic education that goes beyond academic excellence. Recognizing the rapid changing job market and industry demands, the college has actively focused on skill development as a key component. The institution understands that empowering students with essential skills can help them excel in their careers and make meaningful contributions to society.

4. THE PRACTICE

Learning is the most essential tool to enhance the socio-economic growth of not only an individual but also of the entire nation. The higher education of 21st century faces several challenges in providing skill-centric learning, meeting the needs of the industry and society in the global platform. To confront



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such challenges, SMCET provides essential skills required for a student which aims to upgrade skills and develop necessary frameworks of standards for quality assurance.

Acquiring Skill education and knowledge are key factors for developing student's career. To generate vibrant employment, integration of skill development program with relevant and efficient education system is integrated in our institution. Along with the outstanding academic learning, students in our institution are practically oriented with the different skill sets, bridging the gap between the academics and the industrial, societal needs. The college has given complete authority to the Heads of the Departments and the teaching fraternity of the departments to organize endless programmes in the benefit of the students. The training programmes and the regular course work were even scheduled simultaneously for the students to be equipped as a complete citizen.

SKILL DEVELOPMENT INITIATIVES

a) Industry-Academia Collaboration:

Industry and academia are like two sides of a coin and need to coexist for the growth and development of any nation. In SMCET, we prepare students for their future careers and also collaborate closely with the industry to understand the needs of the industry so that students can be prepared accordingly with a dynamic curriculum and pedagogy. The College has fostered strong ties with industries to stay updated on the latest trends and requirements. Regular interactions with industry experts, workshops, and seminars expose students to real-world challenges and practical knowledge.

b) Internship and Training Programs:

The Internship and training program helps students to gain a professional edge in academics so that they become industry-ready while getting placed. SMCET encourages students to undertake internships and training programs during semester breaks. These opportunities allow students to apply theoretical concepts to practical scenarios, enhancing their problem-solving abilities and building confidence.

c) Skill Development Centers:

The college has established dedicated skill development centers equipped with state-of-the-art facilities and resources. Students can utilize these centers to hone their technical skills and work on personal projects, fostering a culture of continuous learning.



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d) Certification Courses:

To add value to students' resumes, the college offered 68 certification courses in collaboration with renowned organizations. These courses help students gain expertise in specific domains, making them more employable and competitive in the job market.

e) Entrepreneurship Development Programs:

17 Entrepreneurship development programs are designed to help the students in strengthening and fulfilling his/her entrepreneurship motive and in acquiring skills and capabilities necessary for playing his entrepreneurship role effectively. *St. Michael College encourages entrepreneurship among students by conducting programs that nurture innovative ideas and provide mentorship and support to aspiring entrepreneurs.*

5. EVIDENCE OF SUCCESS

- Skill development initiatives have significantly made students more aware of diverse career opportunities and the skills required to excel in their chosen fields. Through skill development programs, students have gained confidence in their abilities. They feel more self-reliant and capable of tackling challenges in their personal and professional lives.
- 389 Graduates of SMCET are sought after by recruiters due to their practical knowledge and well-developed skill sets. Students with strong skill sets have witnessed increased placement opportunities and job offers from reputed companies.
- Industry interactions and internships have allowed students to build strong professional networks, which can be beneficial in securing internships, projects, and job opportunities, a total of 1200 students have undergone industrial internships, projects and in-plant training at various industries.
- A total of 66 Graduates who have turned entrepreneur in the various sectors.
- St. Michael College is a hub of capable and accomplished professionals through our skill development programs and our alumni are successful in all the sectors.

6. PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED

- Participants might not be fully engaged or motivated to actively participate in the program, which could hinder the effectiveness of the skill development efforts.
- Monitoring progress and assessing the impact of the program on participants' skill improvement can be difficult without proper assessment methods and tools.



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- Methods for evaluating participants' progress and skill mastery, such as quizzes, tests, projects, or peer evaluations.
- Skill development is an ongoing process. A one-time program might not be sufficient for lasting impact if there is no follow-up or continuous learning plan.
- Well-structured curriculum, relevant learning materials (such as textbooks, online resources, etc.), and hands-on projects are crucial for a comprehensive skill development program.
- The need of more mentors to motivate budding entrepreneurs.
- Skill development benefits both individual students and the entire community, fostering a world that respects cultural diversity, values, creativity and imagination, and nurtures a flourishing society. Motivation could cater to the student's interest.




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