



SREE BUDDHA COLLEGE OF ENGINEERING



Pattoor P.O., Alappuzha Dist., Kerala, Pin – 690 529

Approved by AICTE, New Delhi & Affiliated to the University of Kerala

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Managed by the Sree Buddha Educational Society, Kollam –691 021

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7.2 Best Practices

Best Practices- 1

Title of the practice: Enhancing spiritual and nationality among the students

Objectives of the Practice:

- The goal is to cultivate cultural habits among pupils, preserve discipline, and promote mental and spiritual serenity.
- Every day, a prayer song is performed to teach pupils the importance of spirituality.
- The primary goal is to instil moral and ethical principles in kids and to shape their behaviour.
- Prayer improves team spirit, self-confidence, leadership skills, and personality.

The Context:

An advisor level committee has been formed to monitor the prayer so that individual attention of the students is encouraged. When it comes to prayer, teachers and students both have a significant role. The purpose of the program is to give students the chance to organize and lead prayer gatherings. The college emphasizes student prayer as a means of fostering teamwork and solidarity. During the prayer assembly, the champions of several sports and cultural competitions are thanked for improving their positive attitudes. Every day, students read the news of the week to expand their general knowledge.

The Practice:

Every day, the prayer sessions are organized to improve the quality of education. The prayer committee guides and encourages students to plan and conduct prayer on a regular basis. It is better to conduct the prayer, department wise every Friday. A minute silence is observed to create the prayer program; department wise every Friday. A minute silence is observed to



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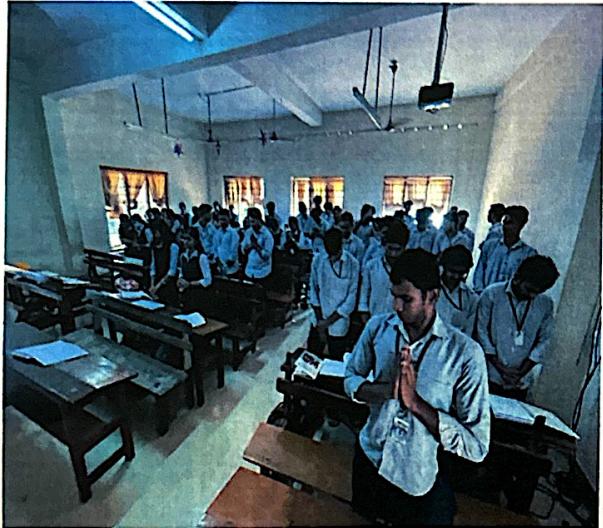
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Christianity. Thus, we inculcate the spirit of harmony among all religions in the young minds of the students



Problems encountered & Resources required

There are no issues because it provides a holy experience and spiritual energy throughout the entire day. It's challenging to manage today's pupils and require them to stand for five minutes during the prayer, but since this is not a religious requirement, all students—regardless of caste, tribe, or religion—stand and pray to God in unison in order to achieve their own goals. The institute has adequately provided all of the resources needed to carry out this practise



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create calmness and a sense of integrity is developed. The habit of reading is developed among the students. The principles of self-discipline and confidence are inculcated the students are informed of the day-to day activities and they are regularized in their academic work. The practice of prayer improves attitudes towards sustainable life style.



Evidence of success:

The prayer assembly offers opportunities to the students to improve communication skills and remove the stage fear. The prayer supports the students to have calm and reflective mood. Prayer creates a sense of pride in the students. It instils self-confidence. It moulds students to have friendly approach with neighbours, family member and the society also prayer a sense of togetherness is developed. Through the prayer, moral, social, and spiritual values are inculcating successfully. By way of conducting the prayer department wise, the daily and routine activities are completed successfully. Member of a prayer committee will make the students realize their social responsibilities, make them self-reliant and help them to improve their skills. We have respect for all the regions. The prayer practice in our college on all Friday consists of offer in prayers selected from the several books of Hinduism, Islam and



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Best Practices- 2

Title of the Practice – ‘Professional skills exposure to students

Objectives

The objective is to augment the professional aptitude of students, boost their marketability, and establish training initiatives, with the aim of inspiring students to pursue higher education and entrepreneurship, thereby equipping them with the necessary skills and knowledge to meet the demands of the present industry and employment market. This further augments the understanding that empowers learners to engage in problem-solving, inferring, and drawing conclusions.

The Context

A various functional committees and student chapters are formed at the institute level, in which the functional head and a faculty representative from each department are actively working to achieve the objectives. Students organize/participate in several national/international events

The Practice

The institute organizes industrial visits, workshops, expert lectures, and skill development courses.

Students enthusiastically participate/publish their ideas in National/International conferences and journals.

Active memberships of professional bodies like, IEEE, ISTE, SAEINDIA, IEI, IAENG, etc. and participate in the national/international level events organized by these professional bodies.



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The teams of various student activities are formed by conducting aptitude/technical tests and interviews which participate in the national/international events like BAJA SAE International, BAJA SAEINDIA, SUPRA SAEINDIA, SAEINDIA and Hackathon.

Evidence of success

SAEINDIA SBCE Collegiate Club

Department of Mechanical Engineering and SAEINDIA conducted a lecture on 30th March 2023. The topic was on ‘Electric Vehicle Prototyping’. Mr A Armstrong, Principal Member R&D TAFE Tractors and Farm Equipment Limited, Chennai gave the expert lecture. The official inauguration of ‘Go-Kart Club’ was also done by Mr. A Armstrong, on the same day itself.



Live Webinar on Energy Conservation for Sustainable Development

Department of Mechanical Engineering, Sree Buddha College of Engineering in association with Institution of Engineers (India) Kollam Local Centre conducted a webinar on ‘Energy Conservation for Sustainable Development’ on 14th December 2022. Mr. Renjith Raj R (Certified energy Auditor and Manager, BEE Govt. of India) gave an in-depth speech about



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the various energy production lines in India and around the globe. He explained about various low energy alternative devices for which we rely for our day-to-day life, how the energy consumption in a building is measured. He also suggested many sustainable practises which we can follow in our daily life. 80 Participants attended the webinar. 80 participants attended the webinar. Inaugural function of webinar was held at CAD Lab of Mechanical Engineering Department. Mr. Anwar Rajeev, Faculty Advisor, IEI Students' Chapter gave the welcome address and the vote of thanks was given by Mr. Madhav K, IEI college coordinator.

Engineers Day Celebration & Live Webinar on “Flood Risk Management and Measures for Flood Hazard Mitigation

Sree Buddha College of Engineering, Pattoor celebrated Engineer's Day on 15th September 2022. As part of the celebration an online webinar about “Flood Risk Management and Measures for Flood Hazard Mitigation” was carried out. The resource person for the program was Dr. R. Gopakumar, (Former Scientist, CWRDM, Kozhikode). The Institution of Engineers (India) students Chapter of Department of Mechanical Engineering, Sree Buddha College of Engineering and The Institution of Engineers (India) Kollam Local Centre jointly conducted the webinar.

80 participants attended the webinar. Inaugural function of webinar was held at CAD Lab of Mechanical Engineering Department. Mr. Anwar Rajeev, Faculty Advisor, IEI Students' Chapter gave the welcome address

Problems Encountered and Resources required

To maintain a balance between academic activities and technical event activities.

The space available for on road testing and formula vehicles is very limited.




PRINCIPAL
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