

Best Practices

Title of the Practices: Code Chef

Objectives of the Practice:

- To impart coding and debugging interest in students of the IT cluster.
- To instantiate students to learn and apply logical skills in programming.
- To encourage the team and competitive spirit and to cultivate the right attitude among students of various departments.
- To impart problem-solving skills to the students.
- To make the students the importance of programming and debugging in the IT industry.
- To make students aware of new programming languages in trend.
- The Code Chef is conducted in the even semester of the academic year which makes them easy to attend the interview.

The Context

The contextual feature related to this code chef is very much interesting as it was conducted for various departments in the IT cluster. The students learning Information technology, Computer technology, Computer Applications, Computer Science participate in this event every year. They solve the problem in many different ways so that they can share the ideas and gain knowledge by participating in this event. Amidst all our academic activities we conduct this code chef event to provide a wide and depth knowledge to the students in programming.

The Practice:

The code chef is unique in the context of India Higher Education. This practice enables the students to develop their programming skills. They emboss their different logical thinking skills and ideas. The limitation that we need to concern about is that we have minimum programming languages taken up for the question. It has to be widened to ten programming languages. It has two rounds one is prelims and the other one final coding and debugging round. The constraints or limitations faced are minimum and this is done only as inter-department meet but it has to be taken to the level intra- collegiate event where more number of talents would be identified. This Practice if done as an intercollegiate event then more stakeholders will be benefitted. The uniqueness includes the final round as many of the questions are analyzed and created such that the students are benefitted in a better way.

Evidence of Success:

There were 18 teams from various departments who participated and were allowed for prelims test in code chef. The Questions were taken in C++, a programming language. The 6 teams selected for the final round have given problems to solve technically using C++ and few questions were of debugging in C++. So this practice developed the skills of problem-solving in our students successfully.

Title of the Practice: Recitation of Vallalar agaval**Objectives of the Practice**

- To improve the mental focus of the students.
- To promote positive energy in the minds of the students and guide them to the path of devotion

The Context:

The present-day youth live in a digital age of mobile phones and social media. While this technology opens up the mine of infinite knowledge and new opportunities in learning and employment, it takes a toll in terms of their mental health. Digital devices have greatly reduced the attention span of young minds, not to mention the feelings of depression and anxiety caused by their social media activities. The College conducts Recitation of Vallalar Agaval to provide the students with relaxing and peaceful moments that help them to stay focused on their goals.

The Practice:

On the full moon day of every month, the students are seated in the yoga hall and each of them is made to recite Vallalar Agaval hymns.

Evidence of success:

Recitations of Agaval hymns have helped the students to have a calm mind, better concentration, and connect with their inner self. This practice has also led to improvement in their reading and singing skills.

Problems Encountered and Resources Required:

Since the recitation is conducted during class hours, there is confusion over which class students are to be invited to. Difficulties on how to approach students who are reluctant to sing Agavarpa are also encountered. However, planning and encouraging, and preparing the students to sing Agavarpa without hesitation has helped with the success of the practice.