7.2.1. Two best practices successfully implemented by the Institution.

Best Practice 1 :   **HOUSE OF PROGRAMMING EXCELLENCE**

Objectives

To enhance the Programming Skill of Students to meet out the current industry needs

Context

As the importance of Programming Languages and coding concepts are becoming vital in AI based industries and also the programming languages offered in curriculum is limited, the college has taken an initiative to upskill the coding practise of the students

Practice

A Centralized programming specific hub with state of art facilities and ICT infrastructure are established within the campus. Based on the individual student's interest, Programming skill training is given to them through external experts as well as internal faculty

Evidence of Success

Number of students placed in coding and programming companies with high salary package has been increased. Moreover, the participation and winning of students in National Level software competitions are also increased year by year. Average salary Package of placed students is shifted from 3 Lakhs to 5 Lakhs and the maximum salary package has been raised to 26 Lakhs

Problems Encountered and Resources Required

Academic Performance in theory and laboratory needs to be balanced by the students who opted for programming skill training through the House of Programming Excellence. Refinement in Lesson planning has to be made to accommodate the missing course content to this training opted students.

Objectives

To promote self-learning and peer learning aspects among students to enhance their overall knowledge on career outcomes and to impart sustained learning practices.

Context

The regular classroom teaching often make the students to undergo mental fatigue due to monotony in course delivery. In order to overcome this issue, students are encouraged through peer learning mentoring sessions with their seniors and alumni. This approach not only improves the overall personality of the students but also enhances knowledge updation in career outcomes that includes employability with high package, Higher Studies in reputed institutions and Entrepreneurship opportunities etc.,

Practice

A comprehensive peer learning programme named SEERA (STUDENTS EMPLOYABILITY ENHANCEMENT AND RESEARCH ACTIVITY) is being organized with a periodicity of weekly once in the evening, beyond classroom hours. in which students are categorized according to their aspirations like High Package placements, Higher Studies, Entrepreneur skill and communication skill   and given training by their seniors, alumni as well as their peers.

Evidence of Success

Number of Students opted for Higher studies, placement and entrepreneurship, start-up aspirants have been increased. The Awareness of IPR and Journal Publication of student's research outcomes had significantly increased.

Problems Encountered and Resources Required

Infrastructure development pertaining to additional research facility in terms of soft and wet lab and continuous mentoring of research progress by faculty or alumni were need to be provided. A robust monitoring of outcomes and its effectiveness was continuously needed in order to full fill the overall objectives of SEERA sessions