SIT Student Skill Development Centres

To attain the gap between Industries and academics, students will be trained on core Emerging Technologies through SSDC.

Departments Involved : CSE, EEE, CIVIL, AIML, MECHANICAL

Centre I/C : SIT Education Hub

Faculty I/C : Dr,Chandrakala V Patil

Date Of Establish : 15-1-2024

Vision

To be a recognized leader in skills and learning development, in support of empowered Institute.

Mission

- To develop skilful students with strong value systems who are prepared to meet the challenges of an ever-changing world

- To create an end-to-end, outcome-focused implementation framework

Objectives

- To conduct various skill development programs to students and improve their employability.

- To promote entrepreneurship to address societal issue.

- To endorse the knowledge exchange programs.

- To increase employability, leadership qualities of faculty and students.

- To improve the technical and writing skills and researchable activities of faculty and students.

- To facilitate the industrial institutional interactions.

- Improvement in the learning potentialities and enhancing self-confidence of faculty and students.

- Preparing women for economic independence.

Student Skill Development Centre (SSDC)

SSDC is established with the primary objective of identifying the up-and-coming technological domains and emerging trends in technological development, identify the training needs and resources, and disseminate to the departments for them to incorporate appropriate additions to the curriculum and introduce more practical oriented syllabus and number of value-added courses for the benefit of the students and their employability.

SDC has developed a novel skill imparting program, "***The Butterfly***", to train the students in a phased manner to be offered alongside the regular B.Tech programme.

The Butterfly Program

The College has identified the means and methodology of enhancing the employability skills of the students by conceiving and implementing a unique and comprehensive four-year skill development program seamlessly integrated with regular academics. Salient features of this program are mentioned hereunder.

- Employable skill-based programs in the most critical subjects of respective branches are identified to be offered in each semester. Multiple tracks that offer career opportunities are identified.
- Training in aptitude, soft skills, and at least two programming languages is mandatory for every student in the first year.
- Principal streams include skills enhancement, GATE, software career, career in core sector, preparation for government recruitments, higher studies abroad.

- Workshops are conducted to educate the student with various career options available to explore.
- Every student is required to identify the stream in which he/she is interested to make his/her career.
- In each semester, student is trained in an appropriate tool that would be needed to the student to make successful career.
- Encourage and prepare for national and international level Code Contests and Hackathons like TCS CODEVITA, NINJA, ACM-ICPC etc.
- Projects in each semester in the skill training program offered to the student
- Mock interviews are conducted in each year to enhance the confidence levels of students and prepare them for corporate interviews.
- Branch specific programs offered as part of **The Butterfly** can be found at the end of this introductory literature.

List Of Courses

SL.NO	COURSE	DURATION
1	Arduino	15 Weeks
2	MATLAB	10 weeks
3	Python	14 weeks
4	PLC	16 weeks