

JAYAMUKHI INSTITUTE OF TECHNOLOGICAL SCIENCES

(An Autonomous Institution)

ABHIGNATHA: A COCURRICULAR PROGRAM TO IGNITE THE BUDDING ENGINEERS.

Faculty and Students Involvement in various Innovation and Research, being a research and innovation driven institute, JITS encourages students closer to research and innovation practices.

In this course, students of JITS are given a studies trouble on which they work for one to two semesters with the opportunity of a guide, patent, design or generation. The pupil is needed to present the body of work in a goal record and demonstration thereby enabling their essential wondering talents in trouble fixing. Innovations must be infused as a habit in the mankind. It should simplify and solve the problems easily and create thrust for the new problem identification and solution.

As a part of Innovation and Research, JITS introduced IEEE chapter in the Organisation. IEEE is the world's largest technical professional organisation dedicated to advancing technology for the benefit of humanity. Jayamukhi IEEE student Branch was established on 2nd December 2005. IEEE Abhignatha is the prestigious event of the IEEE Jayamukhi Student Chapter, which has been held since 2005. This is the first engineering college in Warangal to establish abhignatha.

Over the past 15 years of volunteerism JITS IEEE student branch twice got vibrant student branch award. As a part of IEEE JITS organises a National Level Technical fest named as "Abhignatha". This programme makes student a competent personality.

The objective of IEEE Abhignatha is not only to provide students with managerial skills and communication skills, but also to motivate them in areas such as Computer Science and Engineering, Electrical Engineering, Electronics and Communication Engineering, Civil Engineering, and Mechanical Engineering. There is an increasing trend around the world for engineering to tackle the issues of human development. The IEEE Abhignatha program draws together a diverse community of engineers with the aim of identifying technologically suitable, environmentally sustainable, socially acceptable and economically viable solutions.

The program helps the students synchronizing the institution to create the new ways to enhance the students' life equality, coordinating with groups, to encourage student participation in the activities that promote their personal growth and development and Guidance by internal and external resource persons for students choosing research as a career.

We are pleased that year after year, students from various institutions participate in various activities organized by Abhignatha. The students display a really positive attitude towards developing their skills and enhancing their employability skills in order to be competitive in the work place. As part of its mission, the fest aims to stimulate and foster

engineers to work together on innovative and technology-based solutions to address humanity's most pressing challenges.

Abhignatha is the collection of different events such as technical events and cultural events. Technical events conducted under this event are paper presentation, technical quiz, aptitude tests, Mock interview, group discussion are useful to explore the knowledge of technical skills and to compete in the workplace.

Cultural events which are conducted under this event are photo art, rangoli, painting, Singing competition, dance etc. which are useful to explore the extracurricular activities.

Outcomes:

The participants of the program are able to

- Build the practical knowledge of the students which can be applied in the industrial world.
- Apply the basic knowledge of Mathematics, Sciences, Electrical and Electronics Engineering to analyse and solve the complex problems in Electrical, electronics and Allied interdisciplinary area.
- Design, Develop and implement electrical and electronics related interdisciplinary projects to meet the demands of production and to provide solution to the current real time problems.
- Develop the student culture that encourages the exercise of leadership respect for diversity, traditions of the college and responsibility for personal actions.
- Bridge the gap between the students and administration for the management of student's academics and personal issues.
- Manage performance or learn how to get better.
- Evaluate whether something works or not.
- Have a hard-linked schedule.
- Improve the technical skills to compete with a competitive world.
- Explore extracurricular activities.
- Increase problem-solving skills of students and also increasing analytical thinking.