



7.3.1 – Institutional Distinctiveness

Brief about AICTE-RIT IDEA Lab

The Rajarambapu Institute of Technology is selected to establish AICTE-IDEA (Idea Development, Evaluation & Application) Lab in 2021. AICTE-IDEA Labs aims at encouraging students for application of science, technology, engineering, and mathematics (STEM) fundamentals for enhanced hands-on experience, learning by doing and product visualization.

AICTE sanctioned 45 lacs, five industries donated 62 lacs and institute contributed 11 lacs for setting up IDEA lab. This lab is equipped with advanced machines like, 3D Printers, 3D Scanner, CNC Wood Router, Laser Cutting Machine, PCB fabrication facility, drones, sublimation printer, mechanical machining tools, etc. This lab facility is extremely useful for developing prototypes on innovative ideas in different branches of engineering. In addition, incubate startups on the campus make use of IDEA lab facility for development of proof of concepts. The IDEA Lab aims to develop critical thinking & complex problem-solving abilities among the students. The lab also provides support to schools, polytechnic colleges, and engineering colleges in the vicinity through various bootcamps and workshop and providing facilities for product development.

Since inception of IDEA lab, a total of 47 training program have been conducted and trained 1650 participants. Total 234 projects have been developed in IDEA lab by students and faculties.