



DR B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY
JALANDHAR

INSTITUTE VISION AND MISSION STATEMENTS

VISION

To build a rich intellectual potential embedded with interdisciplinary knowledge, human values and professional ethics among the youth, aspirant of becoming engineers and technologists, so that they contribute to society and create a niche for a successful career.

MISSION

To become a leading and unique institution of higher learning, offering state-of-the art education, research and training in engineering and technology to students who are able and eager to become change agents for the industrial and economic progress of the nation. To nurture and sustain an academic ambience conducive to the development and growth of committed professionals for sustained development of the nation and to accomplish its integration into the global Economy.



DR B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY
JALANDHAR
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

PROGRAMME OBJECTIVES

After completion of the B. Tech Programme, student will develop:

1. An ability to apply acquired knowledge of mathematics, science and computer science and engineering to solve engineering problems.
 2. An ability to identify, formulate and analyze engineering problems.
 3. An ability to design and implement a system, process, component or program to meet desired needs, within realistic constraints such as culture, society, environment, health and safety.
 4. An ability to conduct investigation of complex problems to reach valid conclusions and to research the contemporary issues.
 5. An ability to use appropriate skills, model tools and techniques necessary for computing and engineering practices.
 6. An ability to demonstrate professional responsibilities pertaining to computer science and engineering by the analysis of societal, health, safety, legal and cultural issues.
 7. An ability to produce engineering solution in global and societal context and demonstrate the needs for sustainable development.
 8. Apply ethical principle, professional ethics and norms of computer engineering practices.
 9. An ability to function effectively as an individual and multi- disciplinary teams.
 10. An ability to prepare technical reports and make presentations for the effective delivery of technical information.
 11. Recognition of the need for an ability to engage in lifelong learning.
 12. An ability to incorporate appropriate economics and business practices for project, risk and change management.
-