

ABOUT THE INSTITUTE

Dr B R Ambedkar National Institute of Technology (NIT), Jalandhar was established in the year 1987 as Regional Engineering College, was given the status of National Institute of Technology in the year 2002, and functions under the aegis of Ministry of Human Resource Development (MHRD), Government of India. As an Institute of National Importance, it imparts high quality technical education in Engineering, Technology and Science to produce competent technical manpower for the country. The institute offers Bachelor of Technology (B. Tech.) programmes in nine disciplines of Engineering and Technology along with the Research Programmes leading to Master of Technology (M.Tech.) and Doctor of Philosophy (Ph.D.) As per the survey conducted by AC NIELSEN-ORG-MARG in the year 2006, the institute was ranked fourth amongst all NITs and eighteenth amongst all engineering institutions, including IITs in the country

LOCATION

The institute is located at a distance of 12 km from Jalandhar Bus Stand, 10 km from Jalandhar City Railway Station and 16 km from Jalandhar Cantt. railway station. The city has major road and rail connection, is a market for agricultural products and manufactures textiles, leather goods, wood products and sports goods. The Institute is located on Jalandhar – Amritsar NH1 and is approximately 370 kms from New Delhi and 70 kms from Amritsar

PREAMBLE

Teachers in Engineering and Science disciplines in higher education usually join the teaching profession without any formal training in teaching methodology and learning psychology. Incidentally they develop teaching skills out of their own experiences or from experiences shared by colleagues in course of their teaching career. Most often, they are also influenced by the ways in which their teachers taught them. Pedagogy is the discipline that deals with the theory and practice of teaching and how these influence student learning. Pedagogy in higher education has undergone revolutionary changes in the past few decades. Traditional methods of lecturing have become obsolete in today's scenario where Outcomes Based Education and Student Centered Teaching has become order of the day. Further, emergence of a plethora of ICT tools and their usage in Teaching-Learning Process has been redefining the role of a teacher from a mere provider of information to a facilitator of learning.