

# **B.Tech. (Mechanical & Smart Manufacturing)**

Department: Skill Department of Industry 4.0

Faculty: Skill Faculty of Engineering & Technology

Total Programme Fee (Rs.): 26370/-

**Eligibility:** Candidates with Senior Secondary/10+2/12th with Mathematics and one language (Hindi/English/Sanskrit etc.) with at least 50% marks in either Physics, Chemistry/Computer Sc., Mathematics (PCM) and one language paper or in the relevant examination

**About the Programme:** B.Tech.-Mechanical & Smart Manufacturing program will adopt a faceted approach to manufacturing education by giving equal importance to basic sciences & engineering courses, discrete unit manufacturing processes, automation assembly, electronic manufacturing, virtual manufacturing and information systems technology. Smart manufacturing is a broad category of manufacturing with the goal of optimizing concept generation, production and product transaction. While manufacturing can be defined as the multi-phase process of creating a product out of raw materials. Smart manufacturing is a subset that employs computer control and high levels of adaptability. Smart manufacturing aims to take advantage of advanced information and manufacturing technologies to enable flexibility in physical processes to address a dynamic and global market. There is increased work force training for such flexibility and use of the technology rather than specific tasks as is customary in traditional manufacturing.