

# **INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, DESIGN AND MANUFACTURING JABALPUR**

Dumna Airport Road, PO: Khamaria,  
Jabalpur - 482 005, Madhya Pradesh  
Tel : 0761-2632615-044, 2632273, 2632068  
Fax : 0761-2632524, 0761 2632049  
Email : [director@iiitdmj.ac.in](mailto:director@iiitdmj.ac.in); [registrar@iiitdmj.ac.in](mailto:registrar@iiitdmj.ac.in)  
Website : <http://www.iiitdmj.ac.in>



Indian Institute of Information Technology, Design and Manufacturing (IIITDM) Jabalpur, one of the premier technical Institutes of the country, established by Ministry of Human Resource Development (MHRD), Government of India, shall be a Global Center of Excellence in engineering education and research by building itself as an Enterprise of Knowledge. The academic community including students, shaped with the unique creativity based on fundamental strong multidisciplinary academic skills, the capacity for a bold innovative thinking involving positive change and an integrity of character, grounded in an active and resolutely pioneering spirit, shall be indulged in meaningful innovations based on a knowledge-based engineering approach.

Probably at no previous moment in the world history have commerce and industry become so complex, extensive, and globally interrelated as they are today. India, which is going through a rapid growth in its manufacturing sector, is not unaffected by these changes. The modern manufacturing environment entails a large variety of cross-disciplinary activities including the Design and IT. Engineers consequently are being called upon to work within new environmental, economical and social constraints which are increasingly becoming a part of contemporary engineering practice. Obviously, these elements need to find their way into the engineering curricula. However, traditional engineering instructional formats isolate teaching and research into specific disciplines with un-integrated curricula and therefore the structure of our engineering curricula have hardly changed in accordance with the modern manufacturing needs. Such divisions in the existing higher education formats are found to act as barriers to learning, behavior, and performance. Another aspect of engineering education which needs to be considered is the basic nature of the IT profession. The IT driven market of today features a model of innovation which is quite different from the research models that most institutes are familiar with. The new market model for innovation emphasizes on fast concept, funds projects with venture capital, fosters innovation by rewarding entrepreneurs who specialize in transforming people's practices to become more productive with the help of new technology. In contrast, the conventional research model emphasizes on careful development of ideas and principles and achieves innovation only after ideas have gone through a long pipeline that distills out the best and brings them into practice over a period of 15-20 years.