

DESIGNING THE FUTURE ENGINEERS

INDIA has been global leaders in software and services sector, and design-cum-manufacturing foothold in core areas of engineering will firmly position us as a developed nation in the days ahead. Despite the huge talent pool available, we are still dependent on other nations when it comes to breakthrough design and development of products. Indian Institute of Information Technology, De-

sign and Manufacturing (IITD&M) Kanchipuram, a centre of excellence established by MHRD, Govt of India, is an institution with a unique mandate to focus on design and manufacturing of various engineering products.

At IITD&M, engineers are expected to have hands on exposure and experience in dealing with real time situations. Here, the management adopts a "practice oriented

learning", wherein all the core engineering courses are supplemented with more and dedicated laboratory based learning. The three unique programmes offered are, Mechanical Engineering (Design & Manufacturing), Electronics Engineering (Design & Manufacturing) and Computer Engineering. Experts from the industry, academics from IITs and other reputed institutes have all put in their expertise and experience for drawing a desirable curriculum.

The ACM based Computer Engineering curriculum is sure to produce engineers with skills required for efficient hardware software interaction and intelligent product design and development. Electronics Engineering (Design & Manufacturing) graduates are trained to be proficient with design and development of complex electronic systems and subsystems. This is gained because of the ex-

haustive exposure to emerging areas such as embedded systems, VLSI design, power electronics, control and instrumentation. Mechanical engineering graduates are equipped with good hands on

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skills in sensors, controls, electronics and automation.

The thrust of the curriculum is practice-based learning and the laboratories are equipped with state of the art equipments. True to inter disciplinary nature of the institute, all graduates are expected to interact with one another for domain inputs and create products that address the needs of the society.

With all faculties being doctoral degree holders, the institute encourages and offers research programs. Undergraduate admissions are done based on AIEEE following the reservation rules as laid down by Govt of India. The institute currently functions from IIT Madras Campus with an approved intake of 60 per year.

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