IIITDM Kancheepuram was established in the year 2007 to focus on Information Technology enabled Design and Manufacturing education for catering to the needs of the industry. It is one of the Institutes of National Importance, fully funded by MHRD, Govt. of India. The institute offers four undergraduate programs, five dual degree programs, four post graduate programs and doctoral programs. The courses are more oriented towards design and manufacturing, where the students get specialized in their domain with design as a connecting thread.

Design is the primary step for any manufacturing activity. Proper design with manufacturing knowledge shortens the product development life cycle. Design for Manufacture and Assembly (DFMA) is typically meant for designers to eliminate manufacturing difficulties and minimize manufacturing, assembly and logistics costs in conventional manufacturing methods by tailoring the design. Whereas, for Additive Manufacturing (AM), often simply called 3D printing, provides nearly unrestricted freedom to design parts. It offers designers and manufacturers the ability to produce shapes and designs that would be impossible to produce using conventional manufacturing technologies such as molding or machining. Designing products for layer based Additive Manufacturing (AM) is gaining importance as AM opens-up new possibilities for optimized design.

The topics include opportunistic DfAM, re-design for AM, developing design guidelines, generative design and topology optimization, light weighting structures, restrictive DfAM, AM materials & process capabilities, Design by features and complexities in design. The program also includes hands-on training to various software tools related to DfAM.

Important Information

- Registration fee includes 18% GST.
- Registration fee covers soft copy of course material, lunch and refreshments.
- Limited accommodation is available inside the campus.
- Applications should be submitted online through the link.

For further information regarding registration, visit IIITDM Kancheepuram website: www.iiitdm.ac.in/dfam2019/