



Design Innovation Centre

Office Memo

Islamic University of Science & Technology in partnership with the University of Delhi, Jamia Milia Islamia, and School of Planning & Architecture (New Delhi), has established a Design Innovation Centre (DIC) under the MHRD scheme of 'National Initiative for setting up of Design Innovation Centres, Open Design School & National Design Innovation Network'.

The basic purpose of setting up Design Innovation Centres is to promote a culture of innovation and creative problem solving, to serve as a place that imparts design based education and practice and to create an ecosystem facilitating students and faculty to take their innovative ideas from classrooms/labs to market/people.

We at IUST are in the process of creating the basic infrastructural facilities at DIC, and invite any suggestions that you (or any faculty of your department) may have regarding specific projects focusing on product design that you (or any faculty of your department) can do and hardware/software requirement for the same.

Kindly note that any proposal submitted to DIC should clearly mention the project outcomes, the estimated cost of all equipments including consumables, and should reach us within 15 days from now.

Any clarifications if required, can be had from the undersigned.

Dr. S.A. Nahvi
I/C Head, DEE, SoT
Coordinator DIC@IUST

Dated: 30/04/15

Number: IUST/DIC/15/05

✓ Course Title: Microcontroller based System Design, L-T-P: 0-0-6

Total credits: 3.

Pre-requisite: C Programming, Basic Microprocessors.

Intake Capacity: 20 (Post screening).

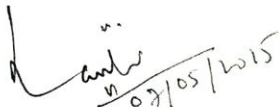
Course floated at 7th semester level for UG and 5th semester level for PG.

The main objective of this course is to provide a platform for the ambitious students to give their theoretical knowledge and ideas a practical shape. The course will be purely practical in nature and would be conducted at Design Innovation Lab of the IUST-DIC. Various faculties from reputed institutes across the country will be invited for special lectures and in-house training, from time to time if/whenever the need arises. The course will also bridge the gap between academics and industry to some extent.

The focus will be on the design of various electronic and electro-mechanical systems using microcontrollers and other embedded systems. Emphasis will be laid on interfacing of microcontroller with various devices, developing controllers, automated systems, etc.



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Mr. Kaiser Javeed
Asst. Prof. Department of Computer Science
SoT, IUST



Mr. Majid Hameed
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