


Design Innovation Centre

Note regarding elective to be offered by DIC

The Design Innovation Centre (DIC) at IUST would be offering a Design centric elective on 'Micro-controller based System Design' in Autumn-2015 session for students enrolled in various courses in the School of Technology, IUST. The elective would be primarily lab based and would focus on hands-on training. A brief overview of the course is given below and the description (which includes objectives, pre-requisites and proposed intake) is attached.

Name of the course	Credits	L-T-P	Coordinators
Micro-controller based System Design	3	0-0-6	Dr. Faroze Ahmad, Mr. Kaiser Javeed, Mr. Majid Koul.

It is requested that this course be listed amongst the elective courses that various departments of SoT propose to offer in the forthcoming semester.


07/05/15
Dr. S.A. Nahvi
I/C Head, DEE, SoT
Coordinator DIC@IUST

Dated: 7/05/15
Number: IUST/DIC/15/06

✓ 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).

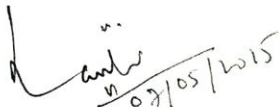
Course floated at 7th semester level for UG and 5th semester level for PG.

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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