

Design Innovation Workshop and Interface

(DIWI-2018)



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19-23 November 2018

Design Innovation Center NITK (DIC @ NITK) is established as a spoke to the hub, DIC@IISc under the auspices of Center for Product Design and Manufacturing(CPDM), IISc, Bangalore. This center is set-up under National Initiative for Design Innovation (NIDI) to form a Design Innovation Network and work to promote the culture of innovation and creative problem solving. It is also required that the center encourages practice of design based education and disseminate the same to colleges located in the vicinity. Thus DIC@NITK is organizing a 5 day workshop and interface to propagate Design thinking and Design based education amongst the local engineering community.

FACULTY AND CONTENTS

Expert faculty of IISc, IIT and Industry will covers different aspects of Design thinking and education with their rich experience in various facets of Engineering and Design. They will also deal in innovative concept development, evaluation and prototyping for various applications. The contents of the workshop are diverse and will include the following but not limited to them.

New Product Development Activities, House of Quality and Design Specifications, Conceptual and Embodiments Design, Design concept evaluation and testing. CAD tools for Functional Design, Human factors & Ergonomics in Products, Human-Modeling and Human-machine interface design, Prototyping, Design Research Methodologies, Novelty and Creativity etc. Participants will be learning through the formal and informal interactions with above mentioned experts.

PARTICIPATION

- Faculty/Research Scholars from Engineering and Design Institutes are solicited to participate in this workshop
- There is NO Registration fee. Participation is based on the selection, if more applications are received
- Participants who require accommodation will be provided based on prior request.
- One time actual travel expenses will be reimbursed to the participants traveling either by Bus or Train, subjected to a maximum of Rs. 2500/- (Inclusive of both journeys)

REGISTRATION

Faculty/Research Scholars wishing to register for the workshop should visit the link given below and fill in the form available there.

There is NO Registration Fee.

Last Date for Registration is 03/11/2018

Selection will intimated through the mail by 05/11/2018

Registration link: <https://goo.gl/forms/IIIVLaGE7epeG7AI1>

MECHANICAL ENGINEERING AT NITK SURATHKAL

Established in the year 1960, the Department of Mechanical Engineering traversed the path of knowledge dissemination and generation as well as delivering over 4500 Mechanical Engineering graduates to the Nation. Over these 58 glorious years, it has carved a niche for itself in the key areas of teaching, research, consultancy, administration and community services. Department consists of 37 highly qualified faculty and adequate supporting staff. The Department of Mechanical Engineering priorities the necessary revamping of Mechanical Engineering education, which is driven primarily by dynamics of technological advances and sustainable development and with active involvement of industry, alumni, research organizations and other stakeholders. Department offers B.Tech, M.Tech and Ph.D. programmes. Department caters to more than 650 B.Tech. students, 165 M.Tech. students and 112 Ph.D. Scholars.

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA SURATHKAL

National Institute of Technology Karnataka (NITK), Surathkal is one of the premier "Institutes of National Importance" in the country fully funded by the Ministry of Human Resources and Development (MHRD), Government of India. The institute has good infrastructure with state of the art facilities in all the departments for teaching, research and consultancy. The institute is located 18 kilometers north of Mangalore city. The Institute, has 14 Departments and 11 supporting centers and about 200 highly qualified and dedicated faculty and 250 committed support staff. The Institute offers nine B.Tech degree programs, 24 M.Tech, 24 MTech (by Research), 2 MSc, MCA & MBA post graduation programs, and PhD programs in all the fourteen departments. Foreign Nationals are admitted for postgraduate and research programs through scheme of Direct Admission to Students Abroad (DASA), ICCR and EdCil. The institute celebrated its Golden jubilee in the year 2009-10. NITK is a focal point of visits to many places of pilgrimages and place of historical interest.



COORDINATORS

S M Kulkarni - 9449086656

Navin Karanth P - 9449058052

Srikanth Bontha - 9482606482

Sharnappa J - 8884555351

Somasekhara Rao T - 9611057598

Coordinators - DIWI-2018
Department of Mechanical Engineering,
NITK Surathkal, P.O. Srinivasnagar
MANGALORE - 575025
Email: dic@nitk.edu.in

