

WORKSHOP ON VIRTUAL LABS

*An Initiative of the Ministry of
Human Resource Development
Under the
National Mission on Education through ICT*

*At
Indian Institute of Technology, Kharagpur
On Thursday 04 March, 2010*

Registration Form

Name

Designation

Dept

Area of Interest

Name of Institute/College/University

Address

Mobile No.

Email

Date

Signature

* Photo copies of this form are acceptable

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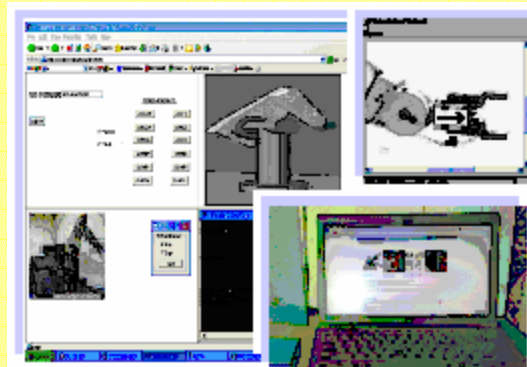
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Indian Institute of Technology
Kharagpur 



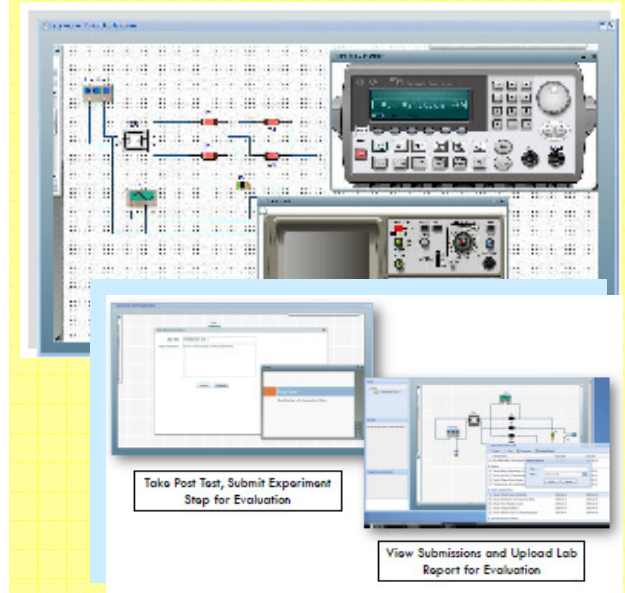
Venue

IIT Kharagpur
Kharagpur – 721302
03222-282040

Workshop on **VIRTUAL LABS**

*An Initiative of the
Ministry of Human Resource Development
Under the
National Mission on Education through ICT*

*At the
Indian Institute of Technology, Kharagpur
On Thursday 4th March, 2010*



Organized by
Indian Institute of Technology, Kharagpur
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Introduction

Virtual Laboratories is a concept to allow students to access laboratory resources for learning practicum using a computer network. Setting up laboratories in universities and colleges is a very arduous task. More so is the planning and delivery of experiments for educating students with hands-on practical knowledge. The difficulties is not only in setting up a lab but also in having teachers plan, execute and deliver learning content to students. Recognizing the growing problem of shortfall in teachers, establishing adequate infrastructure and ever increasing number of students in education, Ministry of Human Resources Department (MHRD) has initiated a project on Virtual Labs under the National Mission on Education through Information and Communication technologies (NMEICT).

IIT Kharagpur is a part of the consortium of institutes that is delivering a large part of laboratories under the Virtual Labs programme. Around 24 laboratories are projected to be covered under this programme in various areas of Engineering and Sciences. An initial pilot phase of the programme has created a basic framework and laid out the road ahead for different laboratory courses that can be deployed over the next 2-3 years.

Desideratum

IIT Kharagpur invites you all to have a glimpse of the technologies and methodologies involved to access and use the laboratories in your university over a workshop on Virtual Labs on March 4th 2010. During the workshop you will get to know about the NMEICT programme and in addition have a feel of a few sample virtual laboratory experiments in the following areas.

- Basic Electronics
- Micro electronics
- Mechanism and Robotics
- High Voltage laboratory

There will also be a preview of more upcoming virtual laboratories related to ME and EE departments.

There will be many more to come in future. However having your initial exposure to this concept and obtaining views on this will be of great mutual benefit as you can be amongst the first to use the technologies.

Please send in your confirmation of participation as per the form attached. Seats being limited you have to hurry.

Agenda

Day long programme from 9AM to 9PM involving demonstrations of virtual labs and inclusive of lunch and dinner

General Information

Situated about 120 km west of Kolkata, Kharagpur can be reached in about 2 hours by train from Howrah railway station of Kolkata or 3 hours by car from Kolkata Airport. Kharagpur is also connected by direct train services to most major cities of the country. The Institute is about 10 minutes drive (5 km) from the Kharagpur railway station. Private taxi, auto rickshaw or cycle-rickshaw can be hired to reach the Institute. For more details see www.iitkgp.ac.in

- **Each Institute may nominate only two faculty members for participating in this workshop preferably in areas related to those listed and education technology**
- **Registration, either by email or by the enclosed form, is mandatory**
- **Lodging/Boarding and local transportation will be provided**
- **Certificate of participation will be given**

Registration must be completed by post or email by 3rd March 2010

How to register

- Send Email to: vlabsoffice@mech.iitkgp.ernet.in giving your institution's and your details. A confirmation email will be sent to you.

Or

Submit the attached form duly filled by post/courier to

Mr. Animesh Jana

Secretary to Dean (CEP), IIT Kharagpur, Pin-721302, India

- Call Mr. Animesh Jana at 03222 282040 Mon to Fri between 10 AM to 5 PM and obtain confirmation

- In case of any difficulty/query contact

Mr. Kaushik Nag at 03222 281560 Mon to Fri between 10 AM to 5 PM or email to kaushiknag@mech.iitkgp.ernet.in

Prof. C.S. Kumar at 09434005819 or email to kumar@mech.iitkgp.ernet.in

Mr. Animesh Jana at 03222 282040 Mon to Fri between 10 AM to 5 PM or email to deance@hijli.iitkgp.ernet.in