



VISVESVARAYA TECHNOLOGICAL UNIVERSITY

ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

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REGISTRAR

Ref.: VTU/Department of CSE/2019-2020/ ೪೪೮೭

Date: 11/02/2020

CIRCULAR

Sub: FDP on Virtual Laboratory ---Reg.

Department of Computer Science and Engineering, VTU Belagavi in association with VTU FOSS group has organized a FDP on Virtual Laboratory on 19th and 20th February 2020. The resource persons are from NITK Surathkal. This FDP focuses on increasing the awareness about virtual laboratory facility and leveraging its benefits in teaching learning process. FDP aims to motivate the faculty members to involve in the creation of virtual lab facility to cater to the needs of the students. Faculty members attending this program will have a long term association with the project of Virtual Lab facility and contribute towards it's development.

Principals of constituent and affiliated colleges are requested to identify and depute enthusiastic faculty members who would contribute to the development of virtual laboratories. All the details for registration are available on the brochure enclosed with this circular.

By Order
Sd/-
REGISTRAR

To,

1. The Principals of all Engineering Colleges affiliated and the constituent Engineering College, VTU, Belagavi.
2. The PG Coordinator, Regional Centre for PG Studies in Bengaluru, Belagavi, Kalaburagi & Mysuru.

Copy to,

1. The Special Officer, VTU's Regional Office at Bengaluru, Belagavi, Kalaburagi & Mysuru for information.
2. The Secretary to VC, VTU, Belagavi.
3. The Registrar Office, VTU, Belagavi
4. The Finance Officer, VTU, Belagavi
5. The Special Officer ,CNC, VTU, Belegavi to upload on the website and email to Principals of all Engineering Colleges affiliated and the constituent Engineering College, VTU, Belagavi.

REGISTRAR

11.02.2020
fjpatil



VISVESVARAYA TECHNOLOGICAL UNIVERSITY

JNANA SANGAMA", BELAGAVI-590018



CHIEF PATRON

Dr. Karisiddappa
Hon'ble Vice- Chancellor, VTU-Belagavi

PATRONS

Dr. S A Kori
Executive director, KSHEC

Dr. A.S. Deshpande
Registrar, VTU Belagavi

Dr. Satish Annigeri
Registrar (Evaluation), VTU Belagavi

Smt. M. A. Sapna
Finance Officer, VTU Belagavi.

PROGRAM CHAIR

Dr. S.A. Angadi
Chairperson,
Dept of Computer Science and Engg.
VTU, Belagavi

Dr. Rashmi R Rachh
Coordinator
VTU FOSS Group
Belagavi

ADDRESS OF COMMUNICATION

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VISVESVARAYA TECHNOLOGICAL UNIVERSITY

JNANA SANGAMA, BELAGAVI - 590018



KSHEC Sponsored

Two Days FDP

On

“Virtual Laboratory”

19th and 20th February 2020

-: Organized By:-

Dept. of Computer Science & Engineering

In association with

VTU FOSS Group

VTU Belagavi

COORDINATOR

Dr. Poornima G. Patil

Assistant Professor

Department of Computer Science & Engg.

About VTU

Visvesvaraya Technological University (VTU) is one of the largest Technological Universities in India with 12B/2A certification from UGC. It came into existence in the year 1998 to plan and manage engineering education in the state of Karnataka and to cater the needs of Indian industries for trained technical manpower with practical experience and sound theoretical knowledge. University has successfully achieved the tremendous task of bringing various colleges affiliated earlier to different Universities, with different syllabi, different procedures and different traditions under one umbrella. It has four regional centers across the State of Karnataka in Belagavi, Bengaluru, Kalaburagi and Mysuru respectively. University is comprised of a multi-disciplinary and multi-level institution offering wide ranging programmes in engineering, technology and Management. VTU is the first university in the country to adopt Innovative steps in the examination reforms by adopting Digital Evaluation System. University is also offering PG/Ph.D programs in its campuses across the state.

Karnataka State Higher Education Council (KSHEC)

The Karnataka State Govt. Constituted a task force on Higher Education in 2002 under the Chairmanship of Dr. M.R. Srinivasan Former Chairman of Atomic energy Govt. of India with a goal of ensuring planning and co-ordination of Higher Education including University Education through an independent autonomous body for Higher Education, The main objective of the Council is to consider inventions and innovations in the Higher Education and also guide the Government, Universities and Higher Education Institutions on policy matters.

Computer Science and Engineering Department

Department of Computer Science and Engineering was established in the year 2002. There are full time M.Tech. programs, a M.C.A program and a Ph.D. program and Faculty of the department are well qualified and are actively involved in research and development through various sponsored research programs. Faculty of the department have wide professional expertise and are actively involved in research and technical services. The area of research include Image processing, Cloud Computing , Network Security, Big Data analytics, Machine Learning, Internet of Things and many more. The department is also very active in human resource development and regularly organizes tailor made workshops and training programs.

VTU FOSS Group

Visvesvaraya Technological University has been promoting the use of Free and Open Source Software(FOSS) among faculty and students through VTU FOSS Group. A FOSS Advisory body has been constituted with a chairperson and members/invitees. This advisory body is responsible for planning and executing all FOSS initiatives of VTU. VTU FOSS group is encouraging institutions to conduct FOSS programs and financial assistance is given for all FOSS related programs.

About the FDP

Education plays a vital role in socio-economic growth of society. Scarcity of resources and physical distance have been the main impediments for less privileged students. In this era of ubiquitous internet connectivity, these limitations can be overcome by providing remote access to expensive resources/equipments to the students through various platforms. Visvesvaraya Technological University (VTU) has planned to provide Virtual Lab facility as per VTU Syllabus for the students. This project is in line with MHRD project of Govt. of India. This is a long term project wherein faculty members of VTU affiliated/constituent colleges will be involved to create this facility. This FDP focuses on increasing the awareness about virtual laboratory facility and leveraging its benefits in teaching – learning process. FDP aims to motivate the faculty members to involve in the creation of virtual lab facility to cater to the needs of the students. Faculty members attending this program will have a long term association with the project of Virtual Lab facility and contribute towards its development.

Resource Persons

Dr. K V Gangadharan
Professor, Mechanical Engg
Participating Institute Coordinator (PIC)
NITK Surathkal, 575025, Karnataka, India

Dr. Pruthviraj Umesh
Lab Coordinator(Civil)
NITK Surathkal, 575025, Karnataka, India

Topics To Be Covered

- * Experiential Learning through Virtual Labs
- * Practical Implementation of Experiential Learning
- * Remotely Operated Vehicles
- * Remote Trigger (RT) Lab

Who Can Apply?

Enthusiastic faculty from VTU affiliated / constituent who would contribute to Virtual laboratories

There is no Registration fee.

Registration Link : <https://workshop.vtu.ac.in>

Venue And Important Dates

Senate Hall, Visvesvaraya Technological University,
“Jnana Sangama”, Belagavi-18

Last date for online registration	16/02/2020
Confirmation to the participants	17/02/2020

Selection of Participants

Selection is based on First come First Serve. The number of participants is limited to about 60. Selected candidates will be intimated by e-mail.