Ref: Ref: GTU/DIC/Event Report/ 8193

Date: 30th Aug 2019

Report
on
One Day Workshop on SequelApp

Date: 2nd Aug 2019
Place: Shed 4, GTU

The program was commenced with the thoughts of almighty of GOD. Dr. K.N Kher, Registrar of GTU welcomed the Chief Guest, Dr. M.B. Patil, Professor, Department of Electrical Engg, IIT Bombay with bouquet of flowers. Almost 60 Participant including 8 Faculties and 52 Students registered for the workshop. Prof. R. A. Thakker Prof. Dept. of EC Department of VGEC presented the brief bio-data of the Expert Speaker to the gathering.

Workshop on Sequel App

This workshop is related to Sequel APP, an App developed at IIT Bombay for teaching Electronics and power electronics. The idea behind this app is the following:

First, the participant solves a numerical problem based on a certain topic and shows relevant Simulation results in class. Next, the students are asked to work out "what if" cases (e.g., what Will happen if a resistor value is changed). The students work out the solution and verify their Answers using Sequel App on their mobiles. We believe that this additional step of checking Out their understanding using an App will enrich the learning experience of the students.

In the workshop, the expert covered the examples of Network theorems, Digital circuits, and Op-amp linear circuits.

The topics currently covered in Sequel App are network theorems, diode circuits, Common-emitter amplifier, op-amp linear circuits, Schmitt trigger, oscillator based on Schmitt Trigger and digital circuits.

To download Sequel App: Please visit
https://play.google.com/store/apps/details?id=in.ac.iitb.ee.SequelMobile
OR search for "SEQUEL circuit mobile" in the App store.
(Currently, the App works on the Android platform.)

Documentation on problems available with Sequel App can be viewed at
https://www.ee.iitb.ac.in/~sequel/sequel_app.html

The session was very interactive and the knowledge shared by the speaker uplifted the Participant to a level forward.

Winners of : ICT Enabled University Teward E-India - 2009 ❖ Manthan Award - 2009 ❖ GESIA Award - 2011
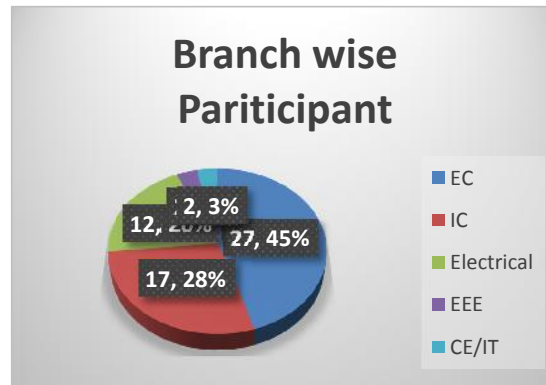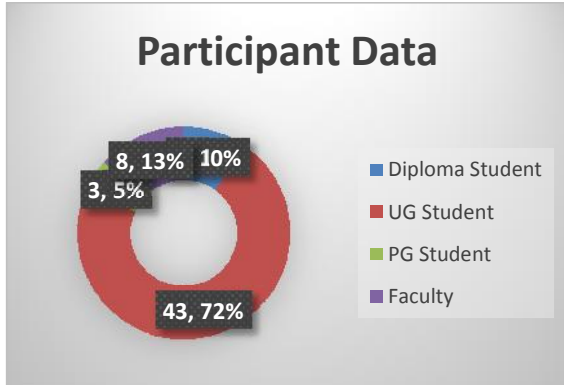❖ Digital Learning WES - 2011 Award ❖ AIMS International Innovative University Award - 2013

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The Expert distributed the certificates to all participants. The program was concluded with the Vote of Thanks by Prof. Raj Hakani , Asst. Prof. Dept. of MCNT – Graduate School of Engineering, GTU.

Participant Data

Participant Data
- 8, 13%
- 10%
- 3, 5%
- 43, 72%
- Diploma Student
- UG Student
- PG Student
- Faculty

Branch wise Pariticipant
- 2, 3%
- 12, 20%
- 27, 45%
- 17, 28%
- EC
- IC
- Electrical
- EEE
- CE/IT

Glimpse of Workshop

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Feedback:

Link : https://drive.google.com/open?id=1mxdpfA7vwZP7shB10kVYPDKzqms-MtbQ

⟩ Really nice experience, this app helps up in analyzing the the theoretical concepts practically. I hope you may organize more such workshops in future so that we can get the practical experience also.   –Pruthvik Dash

⟩ Worskhop was Very Good. We had clear our Fundamental Knowledge as well as we have learned it through App.   -Angi Shah

Report Prepared by:
Prof. Raj Hakani
Asst. Prof. , CiC3

Sd/-
Registrar

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