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Head of the Department,
Dept. of Electrical and Electronics Engineering
RRCE

ORGANIZING COMMITTEE

Coordinators

1. Prof.Praveen A Patil
2. Prof. Sincy E Kuruvilla
All Staff members of EEE Dept.

Address for communication

Coordinators

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An Half day FDP on Sequel App for teaching Electronics courses

Department of Electrical and Electronics Engg.
RajaRajeswari College of Engineering
Kumbalagodu, Mysore road, Bengaluru-
560074

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

For teachers, solutions to the problems are
available upon request from mbpatil@ee.iitb.ac.in



An Half Day FDP on Sequel App for teaching Electronics courses

On

16th August, 2018

(9:30 am to 12:30 pm)

(By Prof. Mahesh B Patil, IIT, Bombay)

Organized by

**Department of Electrical & Electronics
Engineering**



**RAJARAJESWARI COLLEGE OF
ENGINEERING
(RRCE)**

(Approved by AICTE, New Delhi)

ACCREDITED BY NAAC , 'A' Grade

and NBA (EEE,ECE,ME,CSE),

ISO 9001:2008

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Website: www.rrce.org

ABOUT THE INSTITUTION

Rajarajeswari College of Engineering (RRCE) was established in the year 2006 under the shelter of Moogambigai Charitable and Educational Trust (estd. 1992) with the sole object of establishing Institutions of higher education of exemplary stature in the state of Karnataka.

RRCE is approved by AICTE, New Delhi and is affiliated to Visvesvaraya Technological University (VTU), Belgaum, and Karnataka. The Institute offers six UG Engineering courses (Civil, Mechanical, Electrical & Electronics, Electronics & Communication, Computer Science & Engineering and Information Science & Engineering) and five PG courses Viz. M.Tech (Digital Electronics and communication, Thermal Engineering and Computer science & Engineering), MBA & MCA. RRCE has four R&D centers. All the Departments have qualified staff and well equipped laboratories with state of the art equipment. The college has library and information center with very good collection, computer centers and sports facilities along with other amenities. The college is located by the side of Bengaluru - Mysore road and is 18km from Bangalore City Railway Station.

ABOUT THE DEPARTMENT

The Department of Electrical & Electronics Engineering was established in the year 2006. The department is offering UG course in EEE. The department has experienced and well qualified senior Professors and dynamic faculty members. EEE department is highly dynamic in organizing various events like workshops, Technical seminars, expert lectures, FDPs and industrial visits etc for the benefit of staff and students. Department has well equipped laboratories.

OBJECTIVE OF THE FDP

This FDP 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 teacher 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.

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. Some topics in digital circuits and power electronics will be added in the near future.

Date and Venue:

The FDP will be held on 16th August 2018 (9:30 am to 12:30 pm) at EEE CAED Lab, RRCE, Bengaluru-560074.

Participants:

Teachers who are handling Electronics Network Analysis, Linear Integrated Circuits and Power Electronics are invited to participate in the FDP.

Registration fees: Nil

**Limited seats are available.
On first come first serve basis.**

PLEASE REGISTER IN ADVANCE.

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16th August 2018

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Engineering
RajaRajeswari College of
Engineering
Mysore road, Kumbalagodu
Bengaluru-560074
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REGISTRATION FORM

Name :
Designation :
Organization :
Address :
Phone No. : Fax:
E-mail :
Date: Signature of the Participant
Place: Seal and Signature of the Sponsoring Authority