

ORGANIZING COMMITTEE

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Jaya Educational Trust

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Dr.Krishnan Vijayaragavan
Principal, JEC.

Dr. E. Kaliappan
Vice Principal,

CONVENOR

Prof. G. Kalarani HoD/ EIE

CO-ORDINATOR:

Mr.J.Saravanan
Assistant Professor / EIE
Jaya Engineering College
Chennai 602024
Mobile: 9884166172
Email: jsarav78@yahoo.co.in

Venue: VI Lab, Main Block, JEC.

Important Dates:

Submission of Application : 15/09/16

Intimation of Selection : 20/09/16

Confirmation by Participants : 22/09/16

OBJECTIVE OF THE PROGRAMME

ASLK PRO (Analog System Lab Kit) comes with three general-purpose operational amplifiers (TL082) and three wide-bandwidth precision analog multipliers (MPY634) from Texas Instruments. We have also included two 12-bit parallel-input multiplying digital-to-analog converters DAC7821, a wide-input non-synchronous buck-type DC/DC controller TPS40200, and a low dropout regulator TPS7250 from Texas Instruments. A portion of ASLK PRO is left for general-purpose prototyping which can be used for carrying out mini-projects.

TOPICS:

- *Introduction to ASLK-PRO
- *Introduction to Analog Multiplier ICS (MPY634) & TL082 JFET OPAMP
- *Design on Front-End Analog circuit such as Amplifiers & AGC/AVC Using TINA
- *Simulation of Second order linear differential Equation for universal Active Filter
- *Design of Universal Active filter & Self-tuned filters Using TINA
- *Design of Multivibrators, Function generator, CO & PLL using TINA

ADDRESS FOR COMMUNICATION

Prof. G. Kalarani HoD / EIE

Jaya Engineering College,
Thiruninravur- 602024.

Mobile: 9444436281

Office:044-26390041

Website: www.jec.ac.in

HANDS ON TRAINING

IN

“Analog Circuit Design using
Analog System Lab Kit PRO”

(25.09.2016)

CO-ORDINATOR

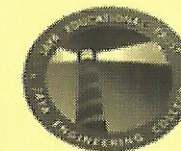
Mr.J.Saravanan

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Technology Pvt. Ltd, Bangalore

Organized by



Department of Electronics
and Instrumentation
Engineering

Jaya Engineering College
Thiruninravur -602024

ABOUT THE COLLEGE

Jaya Engineering College a premier technical institution approved by AICTE and affiliated to Anna University was established in 1995 with a focus on technological innovation, entrepreneurship and character building in the students. The institution has been established by Jaya Educational Trust, imparting 12 excellent educations through 21 educational institutions offering courses in medicine, paramedical and arts & science besides running many schools, catering the needs of the society. The college management team consists of well experienced and committed Academicians and Administrators.

ABOUT THE DEPARTMENT

The Department of Electronics and Instrumentation Engineering is offering a full time four year B.E. degree programme in Electronics and Instrumentation Engineering. This field of engineering imparts technical knowledge in the areas of Electronics Engineering, Instrumentation, Control Systems, Embedded Systems, VLSI, Neural Networks, Fuzzy Logic and Bio Medical Instrumentation. Department has sound infrastructural facilities including separate laboratories like DSP Lab, PLC Lab, VLSI Lab and LABVIEW Lab.

ABOUT THE WORKSHOP

The main idea of the workshop is to introduce the ASLK PRO kit has been produced by mikroElektronika for Texas Instruments. This kit is designed for undergraduate engineering students to perform analog lab experiments. The is to provide a cost efficient platform or test bed for students to realize almost any analog system using general purpose ICs such as OP-Amps and analog multipliers.

RESOURCE PERSON

Session will be handled by M Narendra Babu, Senior Application Engineer, StarCom Information Technology Ltd

REGISTRATION

- **Participants will be selected on first come first serve basis**
Registration fees for participants is Rs.250
- **Selected candidates will be intimated through E- mail.**
- **The Registration Fees includes Tea/Coffee, Lunch, Workshop Kit and Participation Certificate.**

WHO CAN ATTEND

- 1. Students from Engineering Colleges**
- 2. Students from Polytechnic College**
- 3. Industry persons**
- 4. Individuals who want through Knowledge and Hands on Training with certification.**

**REGISTRATION FORM
HANDS ON TRAINING**

IN

**“Analog Circuit Design using Analog System
Lab Kit PRO”**

PERSONAL DETAILS

Name :
 Department :
 Qualification :
 Gender :
 Name of the Institution :
 Address for Communication :
 Phone :
 Email :
 Accommodation required : Y/N

Signature

Mr/Ms ----- is recommended to attend the “Analog Circuit Design using Analog System Lab Kit PRO” to be conducted in your college.

**Signature of Sponsoring Authority
With date and seal**