

Institution Profile:

K.L.N.College of Engineering is the first self financing Co-educational Engineering Institution in Madurai incepted in 1994 by munificence of Philanthropist & well wishers in Saurashtra community which is a Linguistic minority in Tamilnadu. Our college is sponsored by a committee of eminent Industrialist & Academicians lead by enthusiastic, and Industrialist Shri. K.L.N. Krishnan. Our college has been approved by All India Council for Technical Education, New Delhi, and it is affiliated to Anna University, Chennai. The college is located in the south eastern out skirts of Madurai and is 11 kms away from Madurai City. The college runs Seven Undergraduate engineering programs and Six Postgraduate programs.

The College has excellent infrastructure with College Automation and 10 Mbps Internet bandwidth.

Department Profile:

The department of Electronics & Instrumentation Engineering was established in the academic year 2001-2002, with an intake of 60 students and faculty strength of 13 with a Professor & Head. The department has well qualified & dedicated faculty members with different field of specialization. The laboratory is well equipped with all latest devices to cater to the need of the syllabus and it is altogether worth about 60 lakhs. It is a pride to our department to mention that every year our students are bagging few university ranks. The department has signed MoU with Yokogawa India limited, /max Industrial Automation Technology which organizes in house training program such as DCS, SCADA, PLC etc., so as to provide industrial exposure. Our students are placed in reputed companies like Honeywell Technologies, Infosys, Wipro, CTS, TCS, Aricent, Apna. Data patterns etc... in good number consistently.

Scope of the Workshop:

Control System & Process Control has become increasingly important in the Process industries as consequences of global competition. It is also a critical concern in the development of more flexible & more complex process for manufacturing high value added products.

The design & analysis of feedback control system receives considerable attention, with emphasis on new methods for controller design & tuning. As tremendous works have been carried out in chemical processes during these two decades, this workshop aims in focusing on hands on experience to explore control system simulation tools in LabVIEW for Process Control Applications.

Course Contents :

- LabVIEW basics
- Exploring control system simulation tools in LabVIEW
 - Time & frequency domain analysis
 - State space Analysis
 - Design of controllers
 - Stability analysis
- Gain schedule controller
- Adaptive control
- Real time control of level process
- DSC module

Resource Persons:

- ☞ Mr. J. Visweswaran, Academic Technical consultant / National Instruments, Bangalore.
- ☞ Ms. M. Geetha, Assistant Professor / ICE, PSG Tech
- ☞ Prof. S. Nagammai, HDD / EIE, KLNCE
- ☞ Prof. D. Pradeep Kannan, ASP / EIE, KLNCE,

Recommendation from Head of the Institution

This is to certify that Mr./Mrs.-----
is sponsored to participate in the Two Day National Workshop on “Control System Design Using LabVIEW” during 03-04-2012 & 04-04-2012 at K.L.N. College of Engineering Pottapalayam, Sivagangai District.

Date :

Signature & Seal
Principal / HDD

CO-ORDINATORS

Prof. S. Nagammai, HDD/EIE.,
Prof. D. Pradeep Kannan, ASP/EIE.,

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