A CERTIFIED WORKSHOP ON MATLAB SIMULINK

HOSTED BY

KLUIEEESB

IEEE K.L.University Student Branch- IEEE HYD SECTION

Sub: A one day Certified Workshop on "**Familiarization of MATLAB-SIMULINK**"

Description of KLUIEEESB:

IEEE KLUniversity Student Branch, a major organ of IEEE Vizag Sub section, part of Hyderabad Section. The Section falls under the jurisdiction of Asia Pacific Region (R-10) of IEEE. K L University is a pioneer in the field of Engineering education and research in private sector. It was established as Koneru Lakshmaiah College of Engineering in 1980, situated in a spacious 80 acre campus on the banks of Buckingham canal of river Krishna 8km away from Vijayawada. The city also houses large number of industries in the field of Engineering and Technology, automobile, electrical, electronics, forging, foundries and with Asia's largest workshop areas.

KLU IEEE Student Branch was established on June 4th 2011 with professional members and student members. Under the guidance of Branch counselor Dr.M.Venugopal Rao , the student branch has carried out with focused activities in respective departments with Workshops, Technical Lectures by IEEE members, and Industrial visits. The Student branch has been successful in shimmering out the tranquil thoughts of the students who wish to innovate out their technical thoughts with sufficient blending of projects, with a mission to empower the campus commune with sufficient and resourceful platform. The student branch has proven its uniqueness by leading ahead with pro student activities.

Student branch has recently started its activities for retention of women in technical disciplines by establishing a WIE Student branch. Focusing on the social welfare and awareness activities, the WIE Branch is escalating their attributes.

The Branch and its student members endeavor to contribute to the advancement of the knowledge of its community through activities that provide professional information exchanges. The Student branch perpetually tries to simulate technological innovations in the field of engineering and to provide a platform to various students and professional society members.

Our Mission:

- To empower the campus commune with Technical Innovations and Endeavors.
- To ensure the transformation of a "trainable" workforce into an "employable" workforce, hence creating a robust and continuous pipeline of talent for the students.
- To Ensure quality of learning and practical approach in all the ventures we involve.

Workshop Details

This workshop enhances the circuit designing skills and enables the students to simulate the tranquil thoughts. It also paves a way to fill the barrier between Theoretical learning and Practical implementation. This workshop is very much useful to ECE, EEE , ECM and MECH Branch students.

Description of Workshop:

There are two sessions in this workshop. First session deals with Theoretical elucidation of various blocks, Menu description and importance of Command window present in MATLAB and their utilities.
In this session students will be exposed to the toolkits present in POWER SYSTEMS and POWER ELECTRONICS stream.

Second session will be a contest where a real time problem will be given and students will be asked to find the solution through MATLAB. The Winners in this round will be awarded and will receive "A CERTIFICATION OF MERIT" from IEEESB. This really adds a feather to your cap and will be very handy at the time of interviews.

Amenities provided to Participants:

- All the participants will be provided with a Pen, Scribble Pad , Action plan sheet and a stick file.
- A CD will be provided which includes the PPT's, MATLAB Reference Books and an USER GUIDE.
- Lunch will be provided.
- Buses will also be provided by 5.00P.M.
- All the students will receive Participation Certificates from IEEESB.
- Systems will be provided for the first 100 students who register themselves.

Registration Details

There are two modes in registration.

- Early Bird and
- Late Registration.

Students	EarlyBird Registration fee	Late Registration fee
IEEE	150/-	200/-
NON-IEEE	200/-	250/-

Students who register themselves on or before 20th August will be considered as EARLY BIRD registrants. Those who fail to do so will be considered as Late Registrants. Amount can be paid to **J.ASHOK YADAV ,4TH YEAR , DEP OF EEE or TRIKARAN VAMSI.A ,3RD YEAR,DEP OF EEE**

Action Plan for Workshop:

- Inauguration of workshop**: 9:30 AM**.
- First session starts **at 10:30AM** which will be dealt by **K.Narasimha Raju sir**
  This session deals with the different uses of MATLAB in **Power electronics and different resources provided by MATLAB to decrease the ambiguous calculations regarding the Harmonic content, Fast Fourier Transform analysis and introduction to different power electronic devices and their characteristics**.
- First session ends by **12:30 PM** where participants are left for having their lunch
- Second session starts at **1:30pm** dealt by **K.P.Prasada Rao sir**
  This session deals with the different **applications of MATLAB in power systems especially in analyzing the Power systems, Modeling of transmission lines in MATLAB and different tools present in modeling the Renewable energy resources etc.**

- Second session ends **by 3:30PM** where participants are left for a **break of 15min**
- Third session starts by **3:45PM** which is a contest where students are given a real time problem to solve and the first participant who presented a solution for it will be given merit certificate

**** There may be modifications in the prescribed schedule depending on the circumstances..

Please post your Queries to kluieeesb@gmail.com or piratlaaru@gmail.com
You can also follow us at https://www.facebook.com/groups/kluieeesb/events/
Or http://www.ewh.ieee.org/sb/hyderabad/klce/ ..

You can contact **Aravind.P- +919491259004** or
Sameer Khan.MD- +919581581857 for further details

HOPE YOU WILL AVAIL THIS OPPORTUNITY.....

See you guys soon at the Workshop….

With warm regards
KLUIEEESB

IEEE
KLU Student Branch
K L UNIVERSITY
Seats Limited!!
Hurry Up....
Certified
Workshop on
MATLAB®&SIMULINK®
HIGHLIGHTS
Introduction to MATLAB
SIMULINK Modelling
Real Time Applications
MATLAB Programming
Date:23-August
Registration Fee:
200 Rs/- for Non-IEEEan's
150 Rs/- for IEEEan's
Venue: EEE Department
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