



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC with 'A' Grade, ISO 9001:2015 Certified Institution

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

REPORT of Online Workshop on "EDA Tools for Technical Staff" Using Microsoft Teams

Event Type : Technical Training for Non Teaching Staff

Date / Duration : 04.05.2020 to 08.05.2020 (Five Days)

Resource Person : **Dr. G L N Murthy**, Professor, ECE, LBRCE, Mylavaram
Mr. V V Rama Krishna, Assoc. Prof, ECE, LBRCE, Mylavaram
Mr. B V N R Siva Kumar, Assoc. Prof, ECE, LBRCE, Mylavaram
Mr. T Anil Raju, Assoc. Prof, ECE, LBRCE, Mylavaram
Mr. G Venkata Rao, Assoc. Prof, ECE, LBRCE, Mylavaram
Mr. P Rakesh Kumar, Sr. Asst. Prof, ECE, LBRCE, Mylavaram

Name of the Convener: **Dr. Y Amar Babu**, Prof. & HOD, ECE, LBRCE, Mylavaram

Name of Coordinator : **Mr. M K Linga Murthy**, Sr. Assistant Professor, ECE, LBRCE, Mylavaram

Target Audience : ECE, EEE and EIE Technical Supporting Staff

Total no of Participants: 137 (Internal Count=11 & External Count=126)

Objective of the event : To objective of this workshop is train the Technical Supporting Staff on Electronic Design Automation tools so that the technical supporting staff can design lab experiments and conduct the lab sessions smoothly for the students.

Outcome of event : After Completion of the workshop the participants are able to

- ✓ Design various lab experiments using Xilinx and Mentor Graphics tools.
- ✓ Design various lab experiments using LABVIEW tools.
- ✓ Design various lab experiments using HFSS tools.
- ✓ Design various lab experiments in communications lab using simulation tools.
- ✓ Design various lab experiments using Mat Lab

Description / Report on Event:

- Day one of the workshop started with the Inauguration Function, in which HOD, Coordinator and resource persons presented their views on the importance and objective of conducting the Workshop and motivated all the participants to effectively utilize all the sessions and become expertise on various tools.
- On Day - 1, the resource person Mr. G.Venkata Rao, have given the presentation on how to Implement the experiments in VHDL and Verilog software using Xilinx and Mentor Graphics tools.

- On Day - 2, the Principal Dr. K Apparao sir will presented his views on the workshop then the resource persons Mr. V. V. Ramakrishna and Mr. B. V. N. R. Siva Kumar have shown the usage of LABVIEW tools in conduction of various experiments using virtual instruments and also presented the importance of myDAQ and myRIO.
- On Day - 3, R&D Dean of LBRCE, Dr. E V Krishna Rao sir share some knowledge about the workshop for few minutes then the resource person Mr. P Rakesh Kumar, with demonstration on fundamentals of various Antennas and how to design the patch antenna using HFSS simulation tool.
- On Day - 4, IQAC coordinator of LBRCE, Prof. B Ramesh Reddy sir will presented his views related to workshop objective and then the resource person Dr. G L N Murthy, presented on how to design new experiments related to communication lab and also presented on Comsim-Simulation of Communication concepts.
- On Day - 5, the resource person Mr. T Anil Raju, presented on Basic Mat Lab software environment and how to design and execute a experiments in Mat Lab related to signal processing concepts.
- The sessions have proven to be very inspiring and informative for the technical staff.
- The program ended by advising faculty members to effectively utilize the learned concepts in laboratory environment.

Feedback / Suggestions:

- ❖ Conduct more number of workshops on similar advanced tools.
- ❖ Conduct exclusively one workshop related to hardware related.
- ❖ Improve the quality of audio.

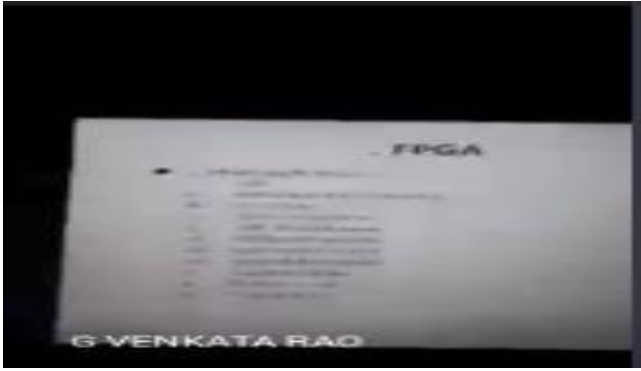
Photographs :



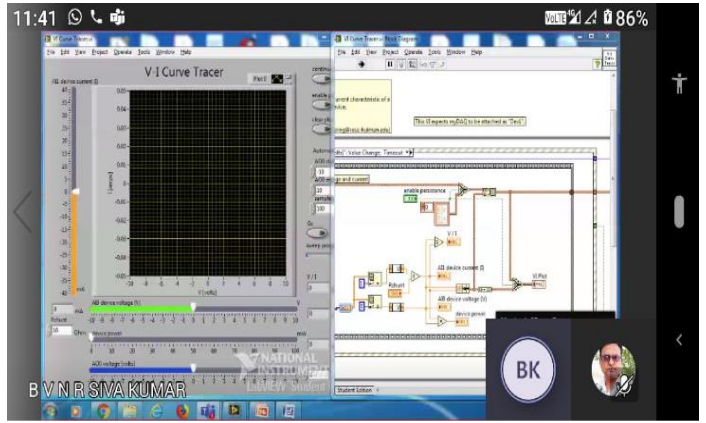
Addressing by HOD
Dr Y.Amar Babu



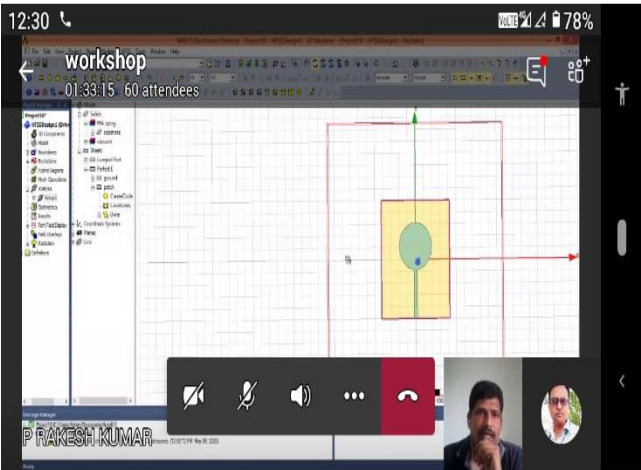
Addressing by Principal
Dr K. Appa Rao



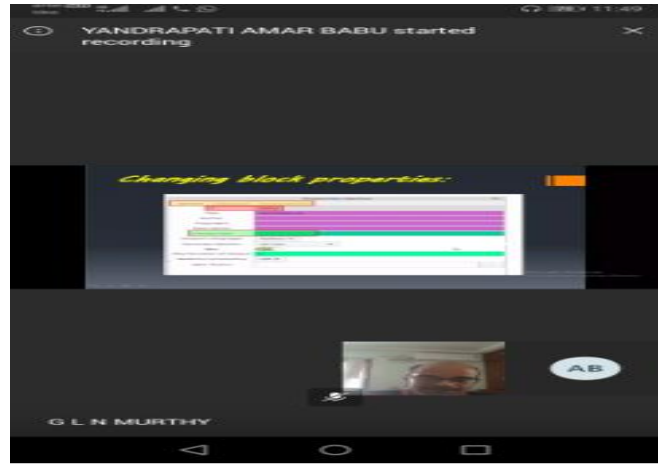
Presentation By Resource Person
Mr. G Venkata Rao



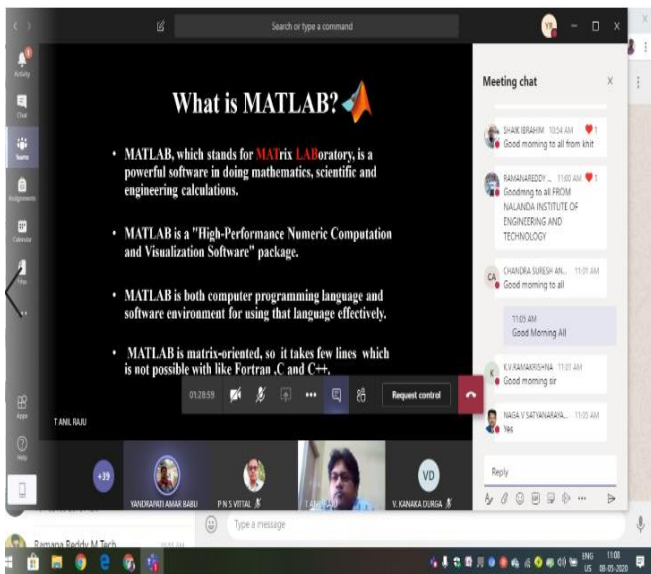
Presentation By Resource Person
Mr. B V N R Siva Kumar



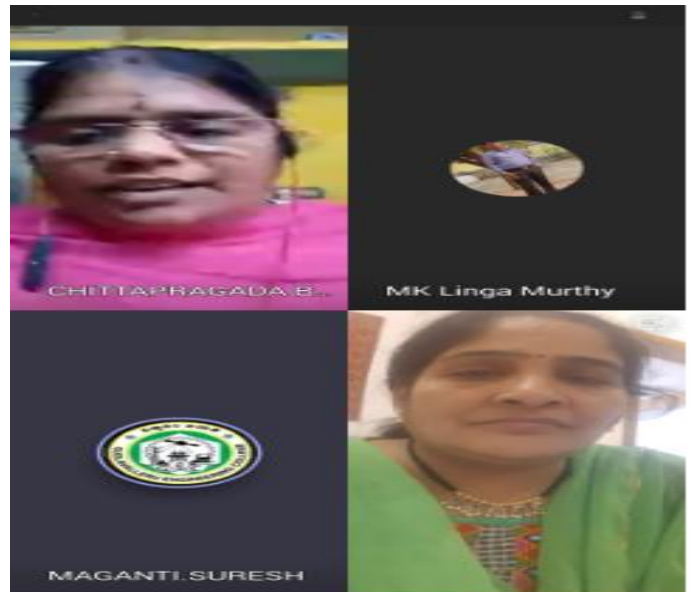
Presentation By Resource Person
Mr. P Rakesh Kumar



Presentation By Resource Person
Dr. G L N Murthy



Presentation By Resource Person
Mr. T Anil Raju



Feedback given by various Participants



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CERTIFICATE OF PARTICIPATION

This is Certify that

MAGANTI SURESH

From
GUDLAVALLERU ENGINEERING
COLLEGE

*Has Participated Five - Day Online
Workshop on "EDA Tools for Technical
Staff" Organized by Department of
Electronics and Communication
Engineering, Lakireddy Bali Reddy
College of Engineering, Mylavaram,
Krishna(Dt), A.P. from 04.05.2020 to
08.05.2020*

Y. Amar Babu

Dr. Y Amar Babu
Prof & HOD
Convener

[Signature]

Dr. K Appa Rao
Principal

U2BDIQ-CE000136

@Stay Home @Stay Safe @Save Lives

Sample E-Certificate to Participants