



VEMU INSTITUTE OF TECHNOLOGY

P.Kothakota, Chittoor District -517112

Six Day Workshop for Technical Staff

On

**“Analog Systems Lab
Kit Pro”**

14.08.19 to 19.08.19

(Under MoU Activity)

Registration:

Registration Fee: 300/-

Registration Time: 9.00 AM onwards

Send participation request to

hodece@vemu.org

Contact Details

Mrs. C.Geetha, Assoc.Prof

Mobile: +91 9959793997

Mr. Y.Mahesh, Assoc.Prof.

Mobile: +91 9490985682

Objectives:

- To learn the operational procedure of analog system lab used in the laboratory.

Eligibility

- Non Teaching Faculty from AICTE Approved Colleges and Universities.
- Lab Technicians.

Founder

Dr. K. Chandra sekhar Naidu

Chairman, Vemu Institute of Technology.

Chief Patron

Dr. K. Naveen

Principal, Vemu Institute of Technology.

Patron

Dr. K.V.N.N. Rao,

Vice Principal, Vemu Institute of Technology.

Convenor

Dr. S.Munirathnam,

HOD ECE, VEMU IT.

Co-Ordinators

Mrs. C. Geetha, Assoc. Prof

Advising Committee

Dr. S. Arun, Professor

Dr. A. Pulla Reddy, Asst. Professor

Organizing Committee

Mrs. B. Saroja, Assoc.Prof.

Ms. J.V.Pesha, Asst. Prof.

Ms. K.Jayasree, Asst. Prof

Mr. P.H.Chandramouli, Asst. Prof

Mr. G.Siva Koteswara Rao, Asst. Prof

Mrs. R. Rani, Assoc.Prof

A Five Day Workshop on

"Analog System Lab Kit Pro"

14th to 19th August 2019



Organized by

Department of

Electronics & Communication Engineering

In Association with

**Digital Shark Technology Pvt. Ltd.,
Bangalore.**



VEMU INSTITUTE OF TECHNOLOGY

(Accredited by NAAC, Affiliated to JNTUA Anantapur and ISO 9001:2015 Certified Institution) Tirupati-Chittoor, P.Kothkota, Chittoor Dist, Andhra Pradesh-517112.

Website: www.vemu.org

About the Institute:

Vemu Institute of Technology is one of the well known and finest technical institutions in Chittoor District, AP. Beginning its quality inputs in 2008, it has attained ISO 2015:9001 certification for quality management within a short span of time. It is located on Tirupati-Chittoor highway on a beautiful 16 acre campus. A diverse, talented community united by a passion for learning and quest for more, VEMU challenges its students to make a region, and in the companies where ever they join. With unmatched results in every sphere of education, its commitment to be the best has grown to transform its departments into centres of excellence.

About Department:

The department offers undergraduate programme in Electronics and Communication Engineering and Post Graduate programme with specializations in VLSI Design and Embedded systems.

The department has highly qualified experienced and competent faculty members in the areas of Optical Communications, Digital Image Processing, Applied Electronics, Digital Electronics, Microwave Communications and

VLSI & Embedded systems the department maintains several equipped laboratories for basic and advanced Electronics and Communications.

The department has separate computer centre with core2 Duo systems equipped with software applications and suits such as MATLAB, XILINX ISE and Multi-Sim packages.

About the program

The Analog System Lab Kit Pro exposes the staff to the fascinating world of analog and mixed signal processing. The kit comes with a broad comprised of ten basic groups of analog components as well as with a manual that features 14 step by step experiments that helps staff to learn analog with ease in a fun and engaging way. This workshop it covers how to build analog systems using ICs and will study their macro models, characteristics and limitations.

This workshop is organized by department in association with Digital Shark Technology Pvt. Ltd., Bangalore.

Digital Shark Technology is the brainchild of product marketing and product design & services with proven track record in

Marketing & executing challenging projects on embedded ,hardware and software assignments to the satisfaction of clients.

Registration Form

Name: _____

Designation: _____

Organization: _____

Mailing Address: _____

Phone: _____

Email: _____

Date:

Signature of Applicant:



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DEPARTMENT OF E.C.E

Five Day Workshop on "Analog System Lab Kit Pro"

14th - 19th August 2019

DATE & DAY	Morning Session (10.00 AM- 1.15 PM)		Afternoon Session (02.00 PM- 04.00 AM)
14 th August 2019	Inaugural Session	Lunch Break	Hardware & Software
	Introduction to Analog System Lab Kit Pro		TINA/Pspice
15 th August 2019	Filter pro		Switch pro
	TL082 OP-AMP		Analog Multipliers & DAC
16 th August 2019	LDO Regulator IC		Unity Gain Amplifier
	Proto Board		Non Inverting Amplifier
17 th August 2019	Multivibrators		Regenerative Comparators
	Integrators & Differentors		Design of Analog filters
18 th August 2019	Design of self tuned filters		VCO
	PLL		AGC
19 th August 2019	DC-DC converter		LDO Regulator
	On Board Evaluation Module		Valedictory

HEAD
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING ATTENDANCE SHEET – SKILL DEVELOPMENT PROGRAM

S.No.	Name of the Participant	14/08/2019		15/08/2019		16/08/2019		17/08/2019		18/08/2019	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1.	Mrs.V.Lakshmi lavanya	Lavanya	Lavanya	Lavanya	Lavanya	Lavanya	Lavanya	Lavanya	Lavanya	Lavanya	Lavanya
2.	Mrs.A.Radha	Radha	Radha	Radha	Radha	Radha	Radha	Radha	Radha	Radha	Radha
3.	Mrs.S.M.Jareena	Jareena	Jareena	Jareena	Jareena	Jareena	Jareena	Jareena	Jareena	Jareena	Jareena
4.	Mrs.P.Roja	Roja	Roja	Roja	Roja	Roja	Roja	Roja	Roja	Roja	Roja
5.	Mr.E.Yunus Khan	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
6.	Ms.V.Bindhu	Bindhu	Bindhu	Bindhu	Bindhu	Bindhu	Bindhu	Bindhu	Bindhu	Bindhu	Bindhu
7.	Mr.K.Jaya kumar	Jaya kumar	Jaya kumar	Jaya kumar	Jaya kumar	Jaya kumar	Jaya kumar	Jaya kumar	Jaya kumar	Jaya kumar	Jaya kumar
8.	Mrs B Mounika	Mounika	Mounika	Mounika	Mounika	Mounika	Mounika	Mounika	Mounika	Mounika	Mounika

CO-ORDINATOR

HOD
HEAD
DEPARTMENT OF ECE
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DEPT OF ELECTRONICS & COMMUNICATION ENGINEERING

Report on **Analog System Lab Kit Pro**

The Certificate Course on Analog System Lab Kit Pro was conducted on 14th August 2019 by the technical team from Digital Shark Technologies Pvt Ltd , Bangalore.

This program is initiated by our respected principal Dr. Naveen Kilari and organized by Prof., S.Muni Rathnam, Head of the department with the co-ordination of Mrs. R.Rani, Associate Professor, ECE Department.

The course was conducted for five days from 14th August 2019 to 19th August 2019 for ECE Lab Technicians (Inside & Outside) to upgrade their skills. The total registered strength was twenty members (Inside & Outside). The program was held in ECE Seminar hall for theory sessions and practical's were performed in ECAD Lab.





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DEPT OF ELECTRONICS & COMMUNICATION ENGINEERING

During Five day workshop the technical team discussed about Analog System Lab Kit Pro, different modules, software and hardware, design of filters and sample experiments.

The technical team concluded the workshop successfully by boosting confidence levels of all participants in their future attempts of improving career prospects. However, program may prove expensive. We have observed that this program can be useful for upgrading their skills.

The total program is successfully completed with the cooperation of faculty members and participants.

Faculty In-charge

Head of the Department

HEAD
DEPARTMENT OF ECE
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Tirupati-Chittoor Highway Road, P.Kothakota, Chittoor Dist-517112



CERTIFICATE

This is to certify that Mr./Ms./Mrs. ✓ D. RADHA
from VEMU IT
has participated in Five Day workshop on "ANALOG SYSTEM LAB KIT PRO"
organized by the Department of Electronics & Communication Engineering in
association with "Digital Shark Technology Pvt. Ltd., Bangalore" from 14th to 19th
August, 2019.

Dr. S. Munirathnam
HOD-ECE


PRINCIPAL
VEMU INSTITUTE OF TECHNOLOGY
P. KOTHAKOTA - 517 112

Dr. Naveen Kilari
Principal



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Tirupati-Chittoor Highway Road, P.Kothakota, Chittoor Dist-517112



CERTIFICATE

This is to certify that Mr./Ms./Mrs. U. LAKSHMI LAVANYA
from VEMU IT
has participated in Five Day workshop on "ANALOG SYSTEM LAB KIT PRO"
organized by the Department of Electronics & Communication Engineering in
association with "Digital Shark Technology Pvt. Ltd., Bangalore" from 14th to 19th
August, 2019.

Dr. S. Munirathnam
HOD-ECE

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PRINCIPAL
VEMU INSTITUTE OF TECHNOLOGY
P. KOTHA KOTA - 517 112

Dr. Naveen Kilari
Principal