



Koneru Lakshmaiah Education Foundation

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Campus: Green Fields, Vaddeswaram, Guntur District, A.P., India. PIN 522 302

Phone No. 08645 - 350200; www.kluniversity.in, www.klef.edu.in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

NI LabVIEW ACADEMY

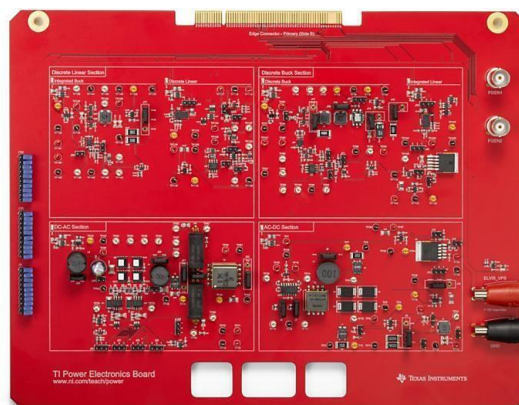
Department Name	: ECE
Event Date(s)	: 03.12.2018 to 07.12.2018
Event Time	: 9.30 am to 5.00pm
Event Name	: Hands on workshop “NI ELVIS KIT-III”
Event Category	: TEC
Event Objective	: To demonstrate and incorporate the ELVIS KIT in academic Lab mapping to the Analog and Digital communication course
Event Venue / Room No.	: R204
Faculty Coordinator EMP.ID	: 4621
Faculty Coordinator Name	: Dr.M.Sujatha, Professor, ECE
Faculty Coordinator Email-ID:	sujakarthik77@kluniversity.in

NI LabVIEW Academy, department of ECE, KLEF has organized one-week hands on training program on “NI ELVIS KIT-III” . The resource persons were Mr.Manimaran, Sr.Application Engineer, National instruments and Mr.Sunil S Gowda, Sr. Application Engineer, National instruments for 25 faculty members who are allocated for Analog and Digital Communication Course for Sem-II(2018-2019) of Dept.ECE in Room No-204 R&D Block from 03.12.2018 to 07.12.2018. Dr. M. Sujatha, Prof. Dept. ECE was the convener of this one-week hands-on training.

The resource persons have trained the members using NI ELVIS KIT-III for analog and digital communication course. They also outlined the extended capabilities of the NI Educational Laboratory Virtual Instrumentation Suite (NI ELVIS) for teaching Analog, digital, and power electronics.

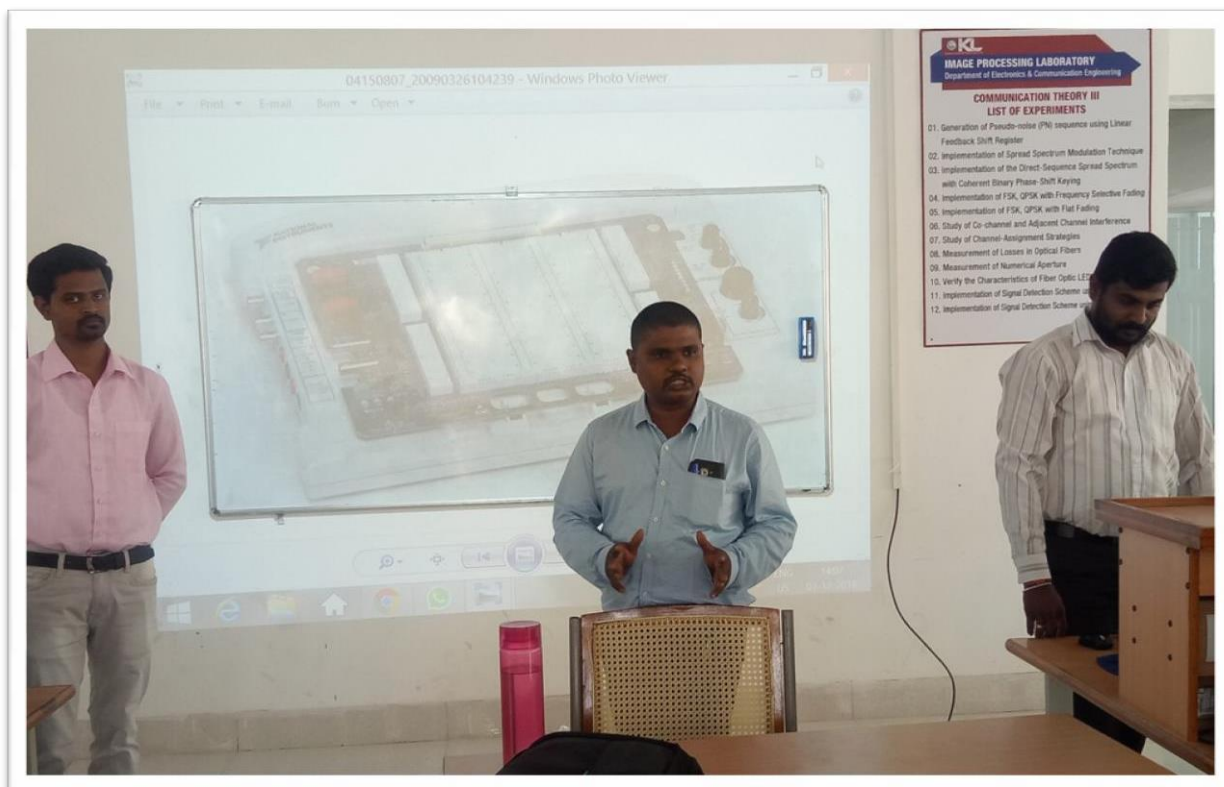
The NI ELVIS Electronics Device is an add-on application board that replaces the default prototyping board on the NI ELVIS. It provides educators with all the components, systems, and labs needed to conduct project-based experiments in various electronics courses including power electronics, digital electronics, circuits, and measurements.

The participants learned NI ELVIS as it is a hands-on design and prototyping platform that integrates the 12 most commonly used instruments – including oscilloscope, digital multimeter, function generator, bode analyzer, and more – into a compact form factor ideal for the lab or classroom. It connects to a pc through USB connection, providing quick and easy acquisition of measurements. Each assignment contains up to four practical exercises which have detailed instructions to achieve reliable results.

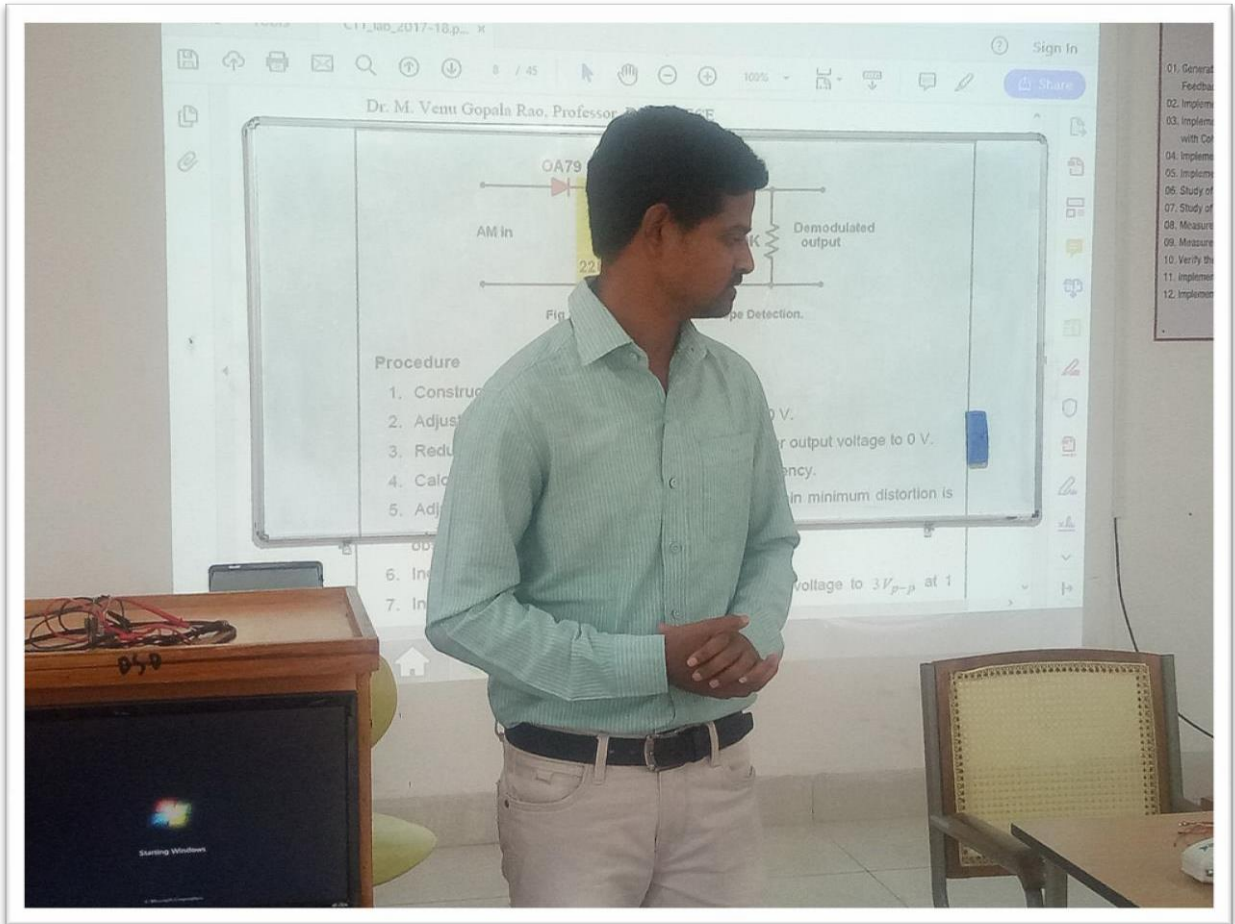




Mr. Manimaran, Sr. Application Engineer, National instruments



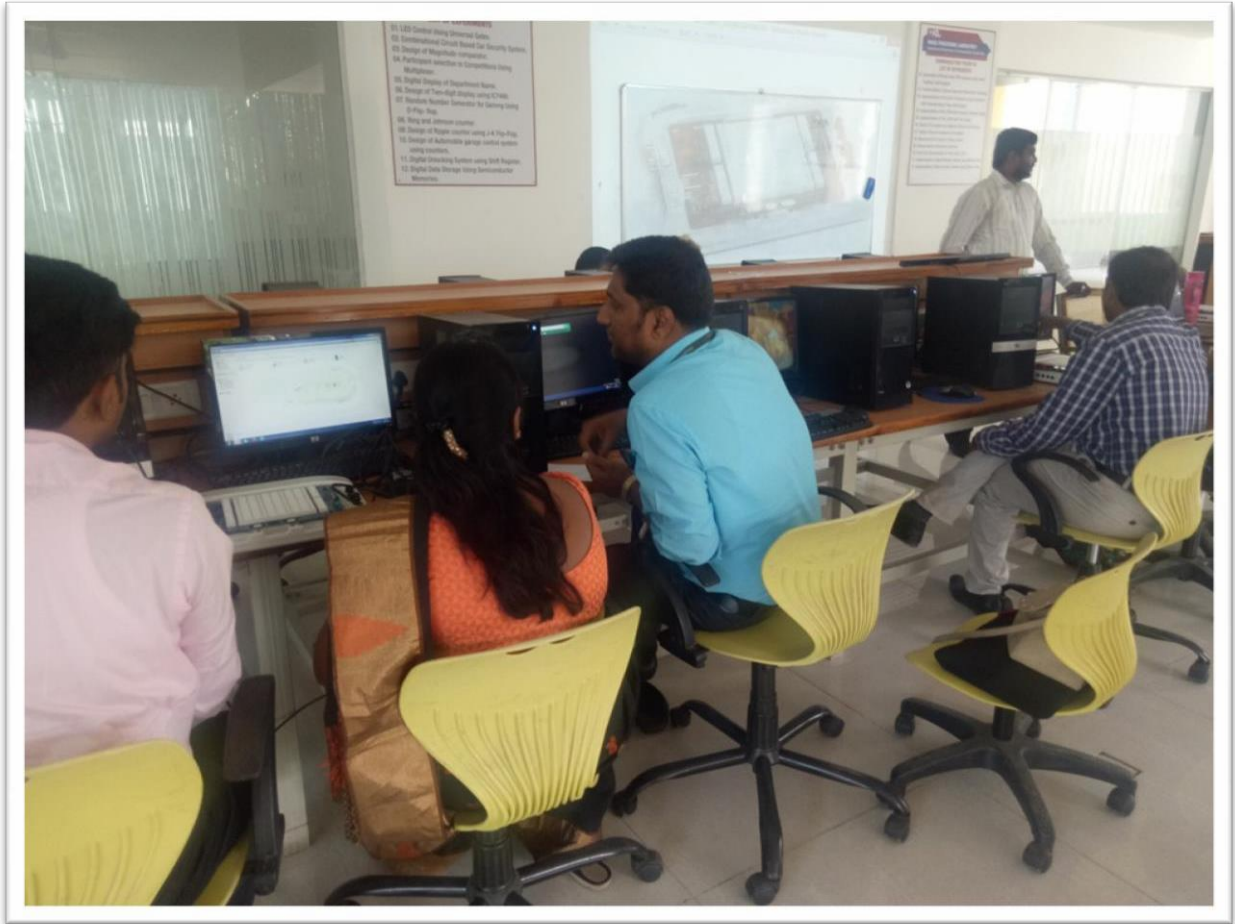
Mr. Manimaran, Mr. Sunil Gowda and Mr. Murali Krishnan, National Instruments



Mr.Sunil S Gowda, Sr. Application Engineer, National instruments



Participants actively involving in the Workshop



Event Outcome:

The faculty were trained in NI ELVIS KIT to incorporate in Analog and Digital Communication Lab to construct, design Lab experiments and also develop Projects to carry out Lab based projects.

List of Participants

A.Y 2018-19 EVEN SEMESTER ANALOG & DIGITAL COMMUNICATION -NI ELVIS KIT Training				
S.No	Emp No	Name of the Faculty	Designation	Signature
1	1712	Dr.K.S.Ramesh	Professor	
2	2922	Dr.M.Venu Gopala Rao	Professor	
3	2838	Dr.G.V.Subbarao	Professor	
4	5371	V.Ramani Kumar	Adjunct professor	
5	2389	Suresh Namgiri	Assoc Professor	
6	3245	Dr.KRR.Mohan Rao	Assoc Professor	
7	4966	Dr.N.Prabakaran	Assoc Professor	
8	5041	Dr.Vipul Agarwal	Assoc Professor	
9	5449	Dr.Sumit G upta	Assoc Professor	
10	4968	Dr.Agam Das Goswami	Assoc Professor	
11	5493	Dr. T. Karthikeyan	Assoc Professor	
12	2391	S.Vara Kumari	Asst Professor	
13	3669	M.Vasuja Devi	Asst Professor	
14	3662	J.Chandra Sekhar Rao	Asst Professor	
15	3661	D.Sreenivasa Rao	Asst Professor	
16	4162	P.Sundaraiah	Asst Professor	
17	5062	A.Shankar	Asst Professor	
18	4289	C.Cynthia	Asst Professor	
19	5135	J.Bennilo Fernandes	Asst Professor	
20	5368	Mr.P.Syam Sundar	Asst Professor	
21	5635	Dr.B.Sivakumar Reddy	Associate professor	
22	5287	Dr.SonaSas	Associate professor	
23	4621	Dr. M. Sujatha	Professor	
24	2144	Dr. Kumar Nain	Professor	
25	4623	Chella Durai	Asst. Prof	

Event Outcome:

LabVIEW trained and CLAD certified students & faculty were trained in NI hardware to design and develop real time applications using NI myDAQ and NI myRIO

Faculty Coordinator

Dr.M.Sujatha

HOB-ECE
Professor
Department of ECE
KLEF
VADDESARAM,
Guntur Dt., A.P., India