SCHOOL OF ELECTRICAL ENGINEERING

Value Added Courses (2019 -2020)

Hands on training on Virtual Instrumentation

Course Objective

Virtual instruments provide significant advantages in every stage of the engineering process, from research and design to manufacturing test. In research and design, engineers and scientists demand rapid development and prototyping capabilities. With virtual instruments, you can quickly develop a program, take measurements from an instrument to test a prototype, and analyze results, all in a fraction of the time required to build tests with traditional instruments. When you need flexibility, an scalable open platform is essential, from the desktop, to embedded systems, to distributed networks. The demanding requirements of research and development (R&D) applications require seamless software and hardware integration. Whether you need to interface stand-alone instruments using GPIB or directly acquire signals into the computer with a data acquisition board and signal conditioning hardware, LabVIEW makes integration simple. With virtual instruments, you also can automate a testing procedure, eliminating the possibility of human error and ensuring the consistency of the results by not introducing unknown or unexpected variables.
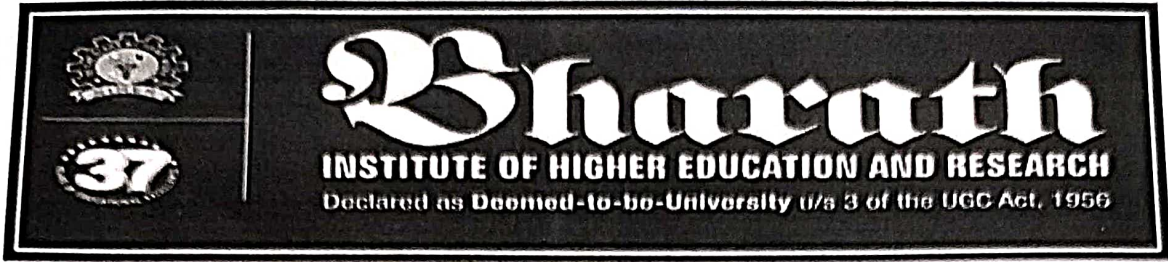
Resource Persons :

1.Mr.B.Karthick

2.Ms.M.Jasmin

3.Ms.S.Arulselvi

Convener

Dr.M.Sangeetha

HOD/ECE

Requisition Letter   Date: 07.08.2019

From

The HOD,
ECE Department,
Bharath Institute of Higher Education and Research,
Selaiyur, Chennai.

To
The Dean Engineering,
Bharath Institute of Higher Education and Research,
Selaiyur, Chennai.

Respected Sir,
SUB: Requisition for conducting Value Added Course-Regd

School of Electrical Engineering has planned to conduct Value added Course on "Hands on training on Virtual Instrumentation" on 19/08/2019. In this regard we kindly request you to grant permission for the same.

Thanking you

HOD/ECE   Dean Engineering

SCHOOL OF ELECTRICAL ENGINEERING

Hands on training on Virtual Instrumentation
SCHEDULE

Contact Hours: 32hrs.

DATE	SESSION	Contact Hours	TOPICS	Resource person
19/08/2019	FN	9.00 am to 12.30 pm	Concepts of Virtual Instrumentation & LabVIEW.	Mr.B.Karthick
	AN	1.30 pm to 4 pm	Dataflow, Data Types, User Interface, Programming Methodology	Ms.S.Arulselvi
20/08/2019	FN	9.00 am to 12.30 pm	Identify Common Problems, Debugging Tools	Mr.B.Karthick
	AN	1.30 pm to 4 pm	Automatic / Manual Error Handling, Loop Structures (While Loop, For Loop, Tunnels)	Ms.M.Jasmin
21/08/2019	FN	9.00 am to 12.30 pm	Timing Shift Registers (Initialized, Uninitialized), Plotting Data, Waveform Charts	Ms.S.Arulselvi
	AN	1.30 pm to 4 pm	Arrays, Clusters, Type Definitions, Custom Controls	Ms.M.Jasmin
22/08/2019	FN	9.00 am to 12.30 pm	File Input / Output, Creating File and Folder Paths, Transfer files to Excel Sheet	Mr.B.Karthick
	AN	1.30 pm to 4 pm	Sequential Programming, State Programming, State Machines	Ms.S.Arulselvi
23/08/2019	FN	9.00 am to 12.30 pm	Industrial Field Instruments for basic measurements of Temperature, flow, level and pressure	Ms.M.Jasmin
	AN	1.30 pm to 5 pm	Data Acquisition Systems with LabVIEW	Ms.S.Arulselvi
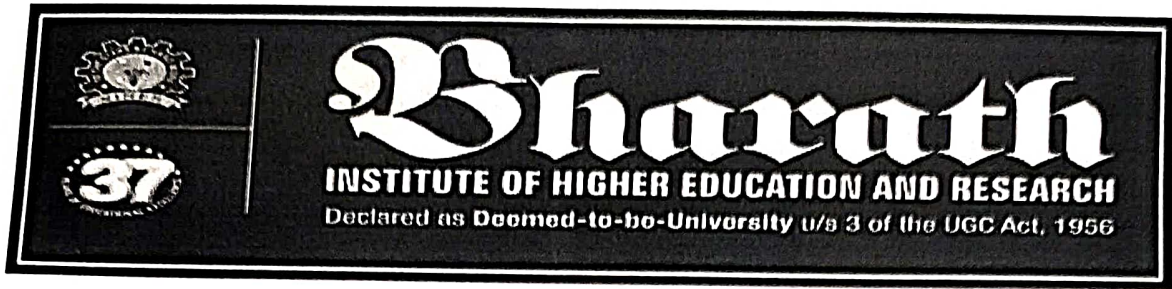
CIRCULAR

SCHOOL OF ELECTRICAL ENGINEERING

Date: 07.08.2019

The course on Hands on training on Virtual Instrumentation is planned by School of Electrical Engineering which commences on 19/08/2019 (Monday).In this regard the students are requested to give their willingness to Course Coordinator.It is instructed to actively participate and get benefitted for the certified course.

Course Coordinator: M.Sowmiya Manoj
Contact No:7358747803
Email id :sowmiyamanoj.ece@bharathuniv.ac.in

(Dr.M.Sangeetha)
HOD/ECE

To,
Copy to ECE Department,
Copy to EEE Department,
Department Notice Board

VALUE ADDED COURSE

SCHOOL OF ELECTRICAL ENGINEERING
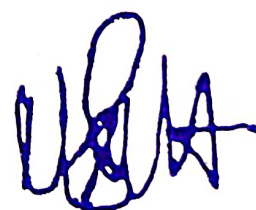
Hands on training on Virtual Instrumentation
List Of Participants

Date: 19/08/2019

S.NO	REGISTER NO.	STUDENT NAME
1	U17EC077	VELAMALA ANIL KUMAR
2	U17EC501	Hariprasath S
3	U17EC702	VIJIN S
4	U17EC078	SURA LAKSHMI NANDITHA REDDY
5	U17EC079	PADAMATA MANIKANTA SWAMY
6	U17EC080	MENDU SRI SATYA JAGADISWARA REDDY
7	U17EC081	PERATI SUSHANTH REDDY
8	U17EC082	AKSHAY TEEGALA
9	U17EC083	RAMAKURTHI JAGADISH CHANDRA
10	U17EC084	SUTHAPALLI KRISHNA KARTHIK
11	U17EC085	GUDI AKSHITH REDDY
12	U17EC086	MANNAM BHARATH KUMAR
13	U17EC087	BADDELA HEMALATHA
14	U17EC088	K BHEEMESH
15	U17EC090	LINGAMPALLI YASHWITHA
16	U17EC091	POTHINI AKHIL CHAKRAVARTHY
17	U17EC092	SUTHAPALLI J V V RAMA KRISHNA
18	U17EC093	SEELAM RAVINDER REDDY
19	U17EC094	SERISHA V
20	U17EC095	YARRAM RAJA SEKHAR REDDY
21	U17EC096	GANDIKOTA KARTHIK SAGAR
22	U17EC097	KALLURI MANOHARJI
23	U17EC098	N NAVEEN KUMAR
24	U17EC099	SHRIYA SINGH
25	U17EC100	BEERAKA SRIDEVI
26	U17EC101	SHAIK JHONY BASHA
27	U17EC102	KANCHETI NIKHIL

28	U17EC103	KARTHIK K
29	U17EC104	KOTI MANI KUMAR
30	U17EC105	KANDE SAI NARESH KUMAR
31	U17EC106	BOLLA SWAMULU
32	U17EC107	ATUKURI VENKATA NAGA NAVEEN
33	U17EC108	PASAM BALANAGA MANIKANTA
34	U17EC109	BOODHALA PAVANI
35	U17EC110	GOVINDU NIRUSHASAI
36	U17EC111	KOMARAJU VENKARA KRISHNA VAMSI
37	U17EC112	PANGULURI SAI MAHESH
38	U17EC113	RELLA ANIL
39	U17EC114	VAMSHIDHAR K
40	U17EC115	BHARGAV KANKATALA
41	U17EC116	NAVEEN KUMAR SURE
42	U17EC117	RAVURI GANESH
43	U17EC118	JAVVAJI SAI
44	U17EC119	KOTHAPALLI RAMAYYA NAIDU
45	U17EC120	SHAMIM IMTIAZ
46	U17EC121	VENKATA SUDHARSHAN REDDY YANNAM
47	U17EC122	MADHU SASHANK B
48	U17EC123	MALINI S
49	U17EC124	TANKALA RAJU
50	U17EC125	MALLANGI ASWINI
51	U17EC126	HIMA BINDU C
52	U17EC127	GAMPA VAMSI
53	U17EC128	AKULA VENKATA TRIVEN KUAMR
54	U17EC129	THANGARAJ GOWTHAM
55	U17EC130	GIDDALURI VENKATA PAVANCHAND
56	U17EC131	CHEEKATI DEEPAK
57	U17EC132	KOLUSU NARASAIAH
58	U17EC133	KALARLA MAHESH
59	U17EC134	KAKARLA LAKSHMAN NAIDU
60	U17EC135	SHAIK GOUSIA
61	U17EC136	PALURU RAJAKANISHKAKUMAR
62	U17EC137	SHAIK MALIK FAYAZ
63	U17EC138	KOLAPALLI SATYA SAI VINAY

64	U17EC139	PATCHA JITENDRA SAI KUMAR
65	U17EC140	GUNDU MOGULA SIVA KUMAR
66	U17EC141	ADAPA SHANMUKH SURYA PAVAN
67	U17EC142	PARASA VENKATA PHANINDRABABU
68	U17EC143	AITHA SAI MANIKANTA
69	U17EC144	POLA VENKATA SRI RAM MURTHY
70	U17EC145	PATRU SAI DEEPAK
71	U17EC146	KAJULURI NEERAJ KUMAR
72	U17EC147	CHILAKALAPALLI UDAYKIRAN
73	U17EC148	KADIRI MADHAVA REDDY
74	U17EC149	THAMMANENI RAJASEKHAR REDDY
75	U17EC150	RAMALA VINAY REDDY
76	U17EC151	KOMATIGUNTA PRAVEENA
77	U17EC153	ADAPA RAVEENDRA REDDY
78	U17EC154	RAHUL SAMAL
79	U17EC155	SRI SAI DAGGUBATI

Dr.M.Sangeetha

HOD/ECE
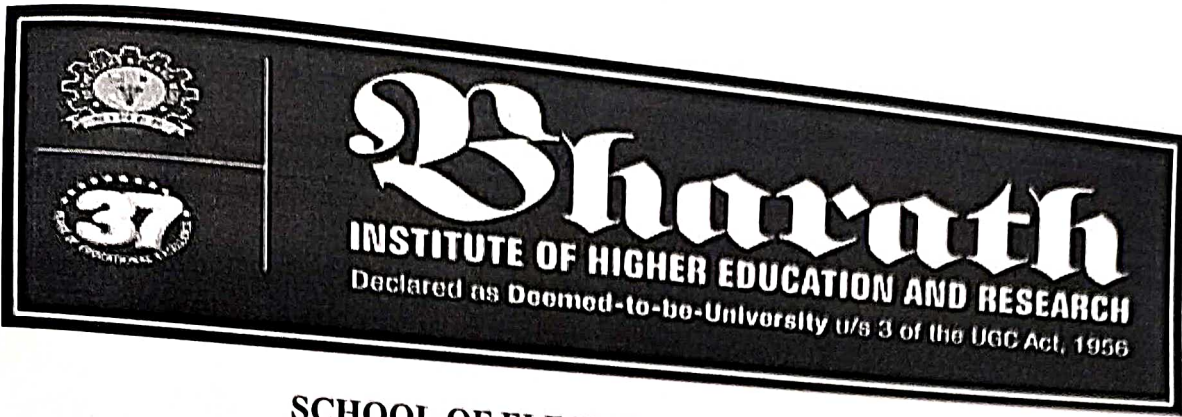
SCHOOL OF ELECTRICAL ENGINEERING

VALUE ADDED COURSE

Hands on training on Virtual Instrumentation

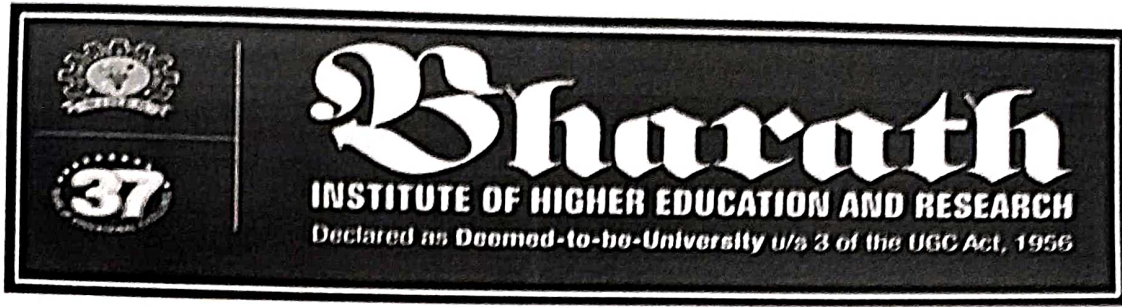**FEED BACK FORM**

Date: 23/08/2019

Name	Rahul Soomal
Register number	U17EC154
Phonenumber	9542397145
Email address	Rahulsamal @gmail.com

	Poor	Fair	Good	Very Good	Excellent
Overall Program				✓	
TheSpeaker				✓	
Audio,Visual Aids Technology used					✓
Presentation hand outs				✓	

Student Signature

SCHOOL OF ELECTRICAL ENGINEERING

VALUE ADDED COURSE

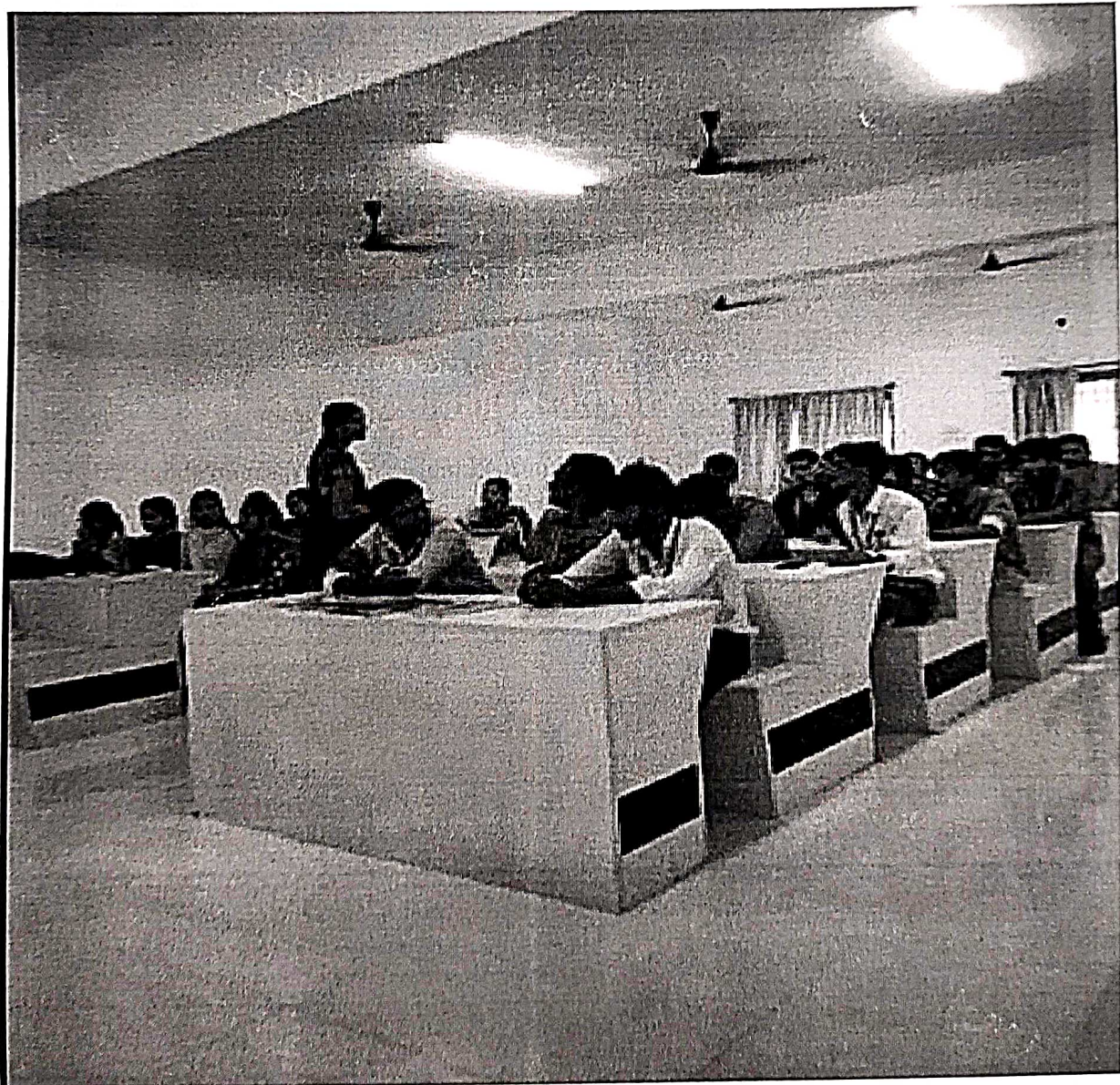### Hands on training on Virtual Instrumentation

FEED BACK FORM				Date: 23/08/2019	

Name	SRISAI DAGGUBATI				
Register number	U1TEC155				
Phonenumber	9884558782				
Email address	Sriramsai@gmail.com				
	Poor	Fair	Good	Very Good	Excellent
Overall Program				✓	
TheSpeaker				✓	
Audio,Visual Aids Technology used					✓
Presentation hand outs				✓	

Student Signature
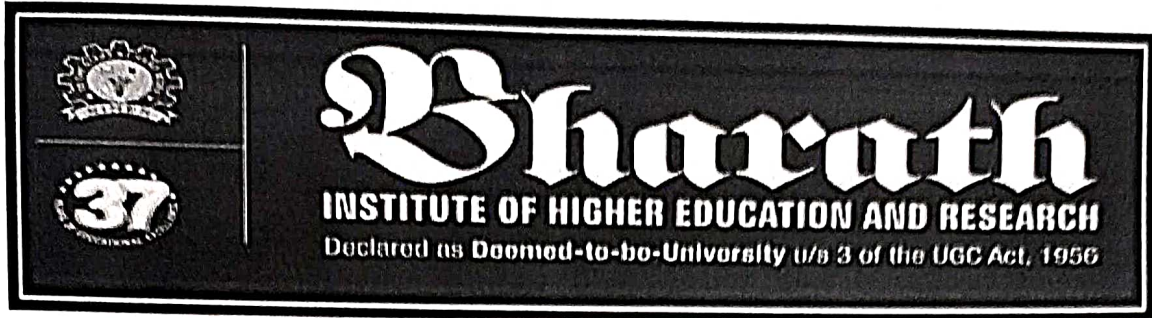
SCHOOL OF ELECTRICAL ENGINEERING

Course on Hands on training on Virtual Instrumentation dated on 19/08/2019 conducted by School of Electrical Engineering

Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared - as - Deemed - to - be - University under section 3 of UGC Act 1956)

NAAC

SCHOOL OF ELECTRICAL ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms. KAJULURI NEERAJ KUMAR has attended Value added Course on "**Hands on training on Virtual Instrumentation** " Organized by the school of Electrical Engineering, BIHER conducted from 19.08.2019 to 25.08.2019.

Ms.SOWMIYA MANOJ
COURSE COORDINATOR

Dr.M.SANGEETHA
CONVENOR