Department of Electronics & Communication Engineering

KIET Group of Institutions, Ghaziabad
(An ISO – 9001: 2008 Certified & 'A' Grade accredited Institution by NAAC)

Department of Electronics & Communication Engineering (NBA Accredited)
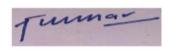
Summary Report

The Department of Electronics &Communication Engineering is organizing a very specialized and highly demanded summer training program. This summer school introduces students to state-of-art Signal & Systems for Signal Acquisition techniques with the concept of virtual instrumentation – the powerful combination of flexible software & modular hardware which helps to integrate theoretical concepts with real-world applications. One can acquire signal from any sensors like Thermocouples, RTDs, Accelerometer, Strain Gauges, etc; analyze signal using NI LABVIEW graphical programming software.

Course Objectives:

❖ Create awareness among the participants about signal & system using NI-LABVIEW
❖ To expose the utility, significance and importance of LABVIEW in simulating various signal operations.
❖ To give exposures of various applications of LABVIEW in different streams of Electronics and Electrical Engineering.
❖ Exposure to graphical programming environment and techniques for building applications in Fourier Transform, Z transform in LABVIEW.
❖ Create awareness among the participants about CLAD certification exam and targeting to qualify the CLAD exams of all participants.
❖ To verify the relevant knowledge, skills and abilities.
❖ The certification is anchored in three common areas where LabVIEW is used on the job:
   a. Automated test
   b. High-channel-count data acquisition
   c. Measurement and data logging for domain experts
❖ The CLAD represents a level of mastery of LabVIEW at which a person with minimal oversight can use LabVIEW to do the following:
   a. Acquire and interpret data
   b. Create small VIs
   c. Edit medium-sized VIs
   d. Contribute elements to large VIs and projects

Course Outcomes:

❖ All the students have successfully completed the training program on "Real time signal and system using NI-Labview software and hardware".
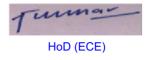
HoD (ECE)

KIET GROUP OF INSTITUTIONS, GHAZIABAD
Department of Electronics & Communication Engineering (NBA Accredited)
List of Students registered for Summer School On Real Time Signal and System Using NI Labview Software and Hardware From 18th June to 29th June, 2018

Sr.No.	Univ. Roll	Student name	Section	Sign
1	1602931028	ANSHIKA SINGH	A	
2	1602931029	ANSHUL GUPTA	A	
3	1602931030	ANUPRIYA SRIVASTAVA	A	
4	1602931031	ANURAG SINGH	A	
5	1602931032	APARNA TRIPATHI	A	
6	1602931033	APOORVA JAIN	A	
7	1602931043	AYUSH AGRAWAL	A	
8	1602931044	AYUSH BANSAL	A	
9	1602931045	AYUSH GUPTA	A	
10	1602931046	AYUSH SINGH CHAUHAN	A	
11	1602931084	MANU TYAGI	B	
12	1602931085	MANVI TYAGI	B	
13	1602931086	MANVI VASHISHTHA	B	
14	1602931087	MAYANK GAUTAM	B	
15	1602931088	MIHIR GABBA	B	
16	1602931089	MOHD. ANAS ANSARI	B	
17	1602931090	MOHD ASLAM	B	
18	1602931091	MOHIT AHUJA	B	
19	1602931092	MUKUND MOHAN TIWARI	B	
20	1602931093	NANCY GUPTA	B	
21	1602931168	TANUBHAV SINGHAL	C	
22	1602931169	TARUN GUPTA	C	
23	1602931170	TARUN KUMAR YADAV	C	
24	1602931171	TRISHNA MAYAL	C	
25	1602931172	UDIT SHARMA	C	
26	1602931173	UMANG GOEL	C	
27	1602931174	UTKAL PARASAR	C	
28	1602931175	UTKARSH AGARWAL	C	
29	1602931176	UTKARSH SINGH	C	
30	1602931177	VAIBHAV	C	

HoD (ECE)

KIET Group of Institutions, Ghaziabad
(An ISO – 9001: 2008 Certified & 'A' Grade accredited Institution by NAAC)

Department of Electronics & Communication Engineering (NBA Accredited)
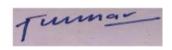
Summary Report

The Department of Electronics & Communication Engineering is organizing a very specialized and highly demanded winter training program. This winter school introduces students to state-of-art Signal & Systems for Signal Acquisition techniques with the concept of virtual instrumentation – the powerful combination of flexible software & modular hardware which helps to integrate theoretical concepts with real-world applications. One can acquire signal from any sensors like Thermocouples, RTDs, Accelerometer, Strain Gauges, etc; analyze signal using NI LABVIEW graphical programming software.

Course Objectives:

- ❖ Create awareness among the participants about signal & system using NI-LABVIEW
- ❖ To expose the utility, significance and importance of LABVIEW in simulating various signal operations.
- ❖ To give exposures of various applications of LABVIEW in different streams of Electronics and Electrical Engineering.
- ❖ Exposure to graphical programming environment and techniques for building applications in Fourier Transform, Z transform in LABVIEW.
- ❖ Create awareness among the participants about CLAD certification exam and targeting to qualify the CLAD exams of all participants.
- ❖ To verify the relevant knowledge, skills and abilities.
- ❖ The certification is anchored in three common areas where LabVIEW is used on the job:
  - a. Automated test
  - b. High-channel-count data acquisition
  - c. Measurement and data logging for domain experts
- ❖ The CLAD represents a level of mastery of LabVIEW at which a person with minimal oversight can use LabVIEW to do the following:
  - a. Acquire and interpret data
  - b. Create small VIs
  - c. Edit medium-sized VIs
  - d. Contribute elements to large VIs and projects

Course Outcomes:

- ❖ All the students have successfully completed the training program on "Real time signal and system using NI-Labview software and hardware".
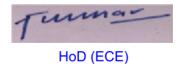
HoD (ECE)

KIET GROUP OF INSTITUTIONS,GHAZIABAD
Department of Electronics & Communication Engineering (NBA Accredited)
List of Students registered for Winter School On Real Time Signal and System Using NI Labview Software and Hardware From 07th January to 11th January, 2018

Sr.No.	Univ. Roll	Student name	Section	Sign
1	1602931004	ABHAY JADON	A	
2	1602931005	ABHAY SINGH CHAUHAN	A	
3	1602931006	ABHINAV SRIVASTAVA	A	
4	1602931008	ADARSH KUMAR SINGH	A	
5	1602931009	ADARSH SONI	A	
6	1602931016	AKSHIT SAXENA	A	
7	1602931017	ALKA VARSHNEY	A	
8	1602931018	AMAN SINGH	A	
9	1602931019	AMAN SINGH	A	
10	1602931020	ANAGH PANDEY	A	
11	1602931067	HARSHIT TIWARI	B	
12	1602931068	HARSHIT TYAGI	B	
13	1602931069	HARSHIT VERMA	B	
14	1602931070	HRISHITA MISHRA	B	
15	1602931071	ISHIKA GUPTA	B	
16	1602931072	JYOTI GUPTA	B	
17	1602931077	KESHAV KUMAR	B	
18	1602931078	KUSHAGRA KAUSHIK	B	
19	1602931079	KUSHAGRA MISHRA	B	
20	1602931080	LATA JOSHI	B	
21	1602931127	SACHIN SINGH	C	
22	1602931128	SAMANVAY DEEP SRIVASTAVA	C	
23	1602931129	SANJOLI AGRAWAL	C	
24	1602931130	SANKET CHAUHAN	C	
25	1602931131	SARTHAK SINGH	C	
26	1602931132	SARTHAK SINGHAL	C	
27	1602931133	SATYAM SINGH	C	
28	1602931134	SAURABH YADAV	C	
29	1602931138	SHASWAT MISHRA	C	
30	1602931139	SHAURYA TIWARI	C	

HoD (ECE)