

# **Department of Electronics & Communication Engineering**

## **Summary Report**

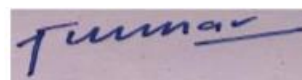
The Department of Electronics & Communication Engineering is organizing a very specialized and highly demanded summer training program. This summer school introduces students to state-of-art Signal & Systems for Signal Acquisition techniques with the concept of virtual instrumentation – the powerful 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:**

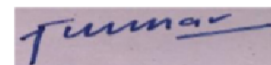
- ❖ All the students have successfully completed the training program on “Real time signal and system using NI-Labview software and hardware”.



**HoD (ECE)**

## List of Students registered for Summer School On Real Time Signal and System Using NI Labview Software and Hardware From 01st June 2017 to 07th June 2017

Sr.No.	Univ. Roll	Student name	Section	Sign
1	1502931002	ABHAY PRATAP SINGH BHADARIA	A	Abhay P. Singh
2	1502931005	ABHISHEK SINGH	A	Abhishek
3	1502931006	ABHISHEK SINGH	A	Abhishek
4	1502931012	AISHWARY JAYENDRA SINGH	A	Aishwary
5	1502931015	AKSHAY SHAHI	A	Akshay
6	1502931018	AMAN JAIN	A	Aman
7	1502931023	ANANT SINGH	A	Anant
8	1502931028	ANUBHAV SINGH	A	Anubhav
9	1502931029	ANUBHAV SRIVASTAVA	A	Anubhav
10	1502931030	ANUBHAV YADAV	A	Anubhav
11	1502931064	JAGDISH MISHRA	B	Jagdish
12	1502931065	KAJAL CHAUDHARY	B	Kajal
13	1502931066	KAJAL MISHRA	B	Kajal
14	1502931067	KAMESHWAR OJHA	B	Kameshwar
15	1502931074	KUNAL RAGHUVANSHI	B	Kunal
16	1502931077	MADHULIKA CHAKRAVARTY	B	Madhulika
17	1502931081	MANISH KUMAR SINGH	B	Manish
18	1502931086	MAYANK SHARMA	B	Mayank
19	1502931087	MOHAMMAD ASIF	B	Mohammad
20	1502931091	NAMITA MISHRA	B	Namita
21	1502931129	SADIQ MEHMOOD ANSARI	C	Sadiq
22	1502931130	SAGAR CHAUDHARY	C	Sagar
23	1502931131	SAHER JAWAID ANSARI	C	Sahar
24	1502931138	SATYENDRA YADAV	C	Satyendra
25	1502931139	SAURABH KUMAR	C	Saurabh
26	1502931144	SHEFALI SHRIVASTAVA	C	Shefali
27	1502931147	SHIPRA RANA	C	Shipra
28	1502931157	SHWETA SINGH	C	Shweta
29	1502931159	SIDDHARTH MOHAN	C	Siddharth
30	1502931165	SUMAN	C	Suman



HoD (ECE)

## **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.

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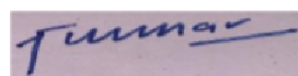
### **Course Outcomes:**

- ❖ All the students have successfully completed the training program on “Real time signal and system using NI-Labview software and hardware”.

**HoD (ECE)**

## 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, 2017

Sr.No.	Univ. Roll	Student name	Section	Sign
1	1502931033	APARNA SINGHAL	A	Aparna Singh
2	1502931034	ARINDAM GARG	A	Arindam
3	1502931035	ARUN YADAV	A	Arun Yadav
4	1502931041	AYUSHI PRADHAN	A	Ayushi
5	1502931042	AYUSHI SINGHAL	A	Ayushi Singh
6	1502931047	DAMINI SINGH	A	Damini Singh
7	1502931048	DANISH RAZA HUSAIN	A	Danish Raza Husain
8	1502931049	DEEPAK MAURYA	A	Deepak Maurya
9	1502931051	DEVESH KUMAR	A	Devesh Kumar
10	1502931094	NIHIT KUMAR	B	Nihit Kumar
11	1502931097	NITANSHU CHAUDHARY	B	Nitanshu
12	1502931100	PARUL GAUTAM	B	Parul Gautam
13	1502931101	PIYUSH KUMAR	B	Piyush
14	1502931103	PRABHAT SINGH	B	Prabhat
15	1502931104	PRAKHAR P PURWAR	B	Prakhar
16	1502931109	PRASHANT CHOUDHARY	B	Prashant
17	1502931117	RAHUL GARG	B	Rahul
18	1602931901	ABHILASHA GUPTA	B	Abhilasha
19	1502931168	SURYAKANT CHANDRA	C	Suryakant
20	1502931169	SURYANK SINGH	C	Suryank Singh
21	1502931170	SUSHEEL KUMAR GAUTAM	C	Susheel
22	1502931171	SUSHMITA PANDEY	C	Sushmita
23	1502931172	TANU	C	Tanu
24	1502931173	TAPSI RAM	C	Tapsi
25	1502931177	UTKARSH SRIVASTAVA	C	Utkarsh
26	1502931180	VIKASH VISHWAKARMA	C	Vikash
27	1502931183	VISHAL SONI	C	Vishal
28	1502931184	VIVEK KARDAM	C	Vivek
29	1502931185	VYOM GARG	C	Vyom Garg
30	1602931905	KESHAV KRISHNA SHARMA	C	Keshav



HoD (ECE)