EVENT	DETAILS
NameoftheEvent	Five Days short term training program on "Analog and Signal Processing Using NI LabVIEW"
College Name	**East Point College of Engineering & Technology,**
Department	**Electronics and Communication Engineering**
Date & Time	**16th to 21st Feb 2023& 08:30 AM**
NameoftheResourceSpeaker(Full name with designation)	Dr. DILIP R Managing Director TailSpin Ind Pvt Ltd
Principal Name	Dr. Prakash S

Event: Proceedings in detail

1.1.Introduction about the event

East Point College of Engineering and Technology, Electronics and Communication Engineering department has organized a five days workshop on "Analog and Signal Processing Using NI LabVIEW Tool" to the 2nd year students to learn about a graphical programming language (LabVIEW).

2.How the event started.

Event started with the welcome speech of Ms. Deekshitha student of 2nd year, ECE department. Ms Pooja student of 2nd yearhas sunga invocation song, after that Ms Bhavani student of 2nd year has introduced the speaker, then Dr. Yogesh G S Vice Principal, Hod ECE has spoken about LabVIEW and its applications.

3. Highlights of the speaker/profile of speaker

Dr.Dilip R has vast experience in the field of LABVIEW, He has been a resource person for several workshops, FDPs and student trainings on LABVIEW, Robotics, PLC and SCADA.

4.What did students learn

Students have learnt about new graphical programming language which helps them to simulate complex circuits in a very easy and comfortable way.

5.Students response/feedback

Students are very happy and enjoyed the learning because of the resource person and ease of the software

6. vote of thanks

Prof Kiran Kumar K has proposed the vote of thanks.

Objective of the Event
    1.   Highlights about the topic
Students were actively participated in Hands on session and were able to create their own VI for different problems.
2. Usefulness/ Applications
This software can be used for simulation in their hobby projects, mini projects even for their final year projects.
3.In what way students can use the knowledge gained for their future. Students can use this knowledge in their research and also developing some electronic products.

Course Content Day wise:

Day Wise	Timings	Course Contents	Course Output
Day 1	8.30am to 9.00am	Inaugural Function	-Not Applicable-
	09.00am to 11.00am	• Introduction of Graphical system design and its applications • Introduction to Analog and digital signal processing • Introduction to LabVIEW	• Learning about Simulation platform
	11.00am to 1.00pm	• Basic of LabVIEW and its Programming. • Structured Programming in LabVIEW • Data types	• Basic Programming using LABVIEW
	2.00pm to 4.00am	• Hands-on Session	• Practising of programs using Simulation software
Day 2	8.30am to 11.00am	• Looping in LabVIEW • Structures • Shift registers	• Learning different concepts in the programming

	11.15am to 1.15pm	• Local Variables • Global Variables • Arrays	• Learning about array concept in the programming
	2pm to 4pm	• Hands-on Session	• Practising of programs using Simulation software
Day 3	8.30am to 11.00am	• Clusters	• Learning about Clusters in LABVIEW
	11.15am to 1.15pm	• Plotting DATA	• Learning about data plotting methods in LABVIEW
	2pm to 4pm	• Hands-on Session	• Practising of programs using clusters and data plot.
Day 4	8.30am to 11.00am	• Strings and Files I/O	• Learning about Strings and Files I/O in LABVIEW
	11.15am to 1.15pm	• DATA Acquisition	• Learning about DATA acquisition in LABVIEW
	2pm to 4pm	• Hands-on Session	• Practise session
Day 5	8.30am to 11.00am	• Applications of signal Processing	• Knowing the applications of LabVIEW in signal processing
	11.15am to 1.15pm	• Digital Application with case study	• Knowing the applications of LabVIEW in digital systems
	2pm to 4pm	• Hands-on Session	Evaluation followed by Valedictory function

List of Student Participated:

Sl No	USN	Student Name
1	1EP21EC016	BOGE RAMYA
2	1EP21EC018	CHARAN M
3	1EP21EC113	VARSHITHA.S
4	1EP21EC092	SHREYA G
5	1EP21EC100	SURENDRA REDDY.M.S.
6	1EP21EC107	THEJASHWINI H A
7	1EP21EC017	CHANDANA SHREE. S
8	1EP21EC072	PUNDITS RAJIV ROY CHOWDARY
9	1EP21EC104	TAWHEED PASHA
10	1EP21EC091	SHREEMADHWA UPADHYA G S
11	1EP21EC083	SANIYA A PASHA
12	1EP21EC038	HRUSHIKESH.M
13	1EP21EC028	GAUTHAM R
14	1EP21EC004	ABHISHEK KUMAR
15	1EP21EC108	THOLLAMADUGU KISHORE BABU
16	1EP21EC062	NAVYA M
17	1EP21EC103	TARUN R N
18	1EP21EC119	YOGESH H M
19	1EP21EC086	SHAIK ABDUL KALAM
20	1EP21EC077	RAHUL S MATH
21	1EP21EC098	SUHAS S
22	1EP21EC101	SURJYA SARATHI ROUT
23	1EP21EC026	GANAPRIYA G
24	1EP21EC094	SHREYAS.G
25	1EP21EC066	POOJA P TURE
26	1EP21EC071	PRUTHVI M
27	1EP21EC014	BHARATH M C

28	1EP21EC075	RAHMAN AHMED SHARIFF
29	1EP21EC029	GODHAVARI.C
30	1EP21EC090	SHIVA PRIYA D.S
31	1EP21EC033	HARI CHANDANA N
32	1EP21EC114	VENKATESH B
33	1EP21EC093	SHREYAS D R
34	1EP21EC085	SANKETH K S
35	1EP21EC089	SHIVA.P
36	1EP21EC015	BHAVANI M
37	1EP21EC081	RITISH U SHETTY
38	1EP21EC070	PRIYANKA N
39	1EP21EC078	RAKSHITHA K S
40	1EP21EC002	ABHISHEK HOSAMANI
41	1EP21EC021	DEEKSHA SHREE S
42	1EP21EC069	PRAMOD M
43	1EP21EC107	THEJASHWINI H A
44	1EP21EC115	VENUGOPAL MR
45	1EP21EC088	SHASHANK M
46	1EP21EC055	MANJUNATH T
47	1EP21EC108	THOLLAMADUGU KISHORE BABU
48	1EP21EC113	VARSHITHA.S
49	1EP21EC052	LAKSHMIPRIYA V
50	1EP21EC077	RAHUL S MATH
51	1EP21EC057	MIRIYALOLLA BALAKUMAR
52	1EP21EC110	UDAY SALLAGUNDALA
53	1EP21EC054	MALATHI S
54	1EP21EC010	ANUSHA V N
55	1EP21EC080	REDDYVARI THARUN KUMAR REDDY
56	1EP21EC019	CHITHRA KN
57	1EP21EC046	KALYANI KUMARI

		PASWAN
58	1EP21EC041	JANANI.S.J
59	1EP21EC050	KUSHAL.R
60	1EP21EC059	MOHAMMED AHTASHAM
61	1EP21EC016	BOGE RAMYA
62	1EP21EC082	SAHANA R
63	1EP21EC100	SURENDRA REDDY.M.S.
64	1EP21EC105	TEJAS VENKATESH
65	1EP21EC095	SPOORTHI H D
66	1EP21EC033	HARI CHANDANA N
67	1EP21EC030	GOWTHAM R
68	1EP21EC039	INDUBHAGATH N A
69	1EP21EC008	ANANYA R
70	1EP21EC056	MEGHASHREE R S
71	1EP21EC002	ABHISHEK HOSAMANI
72	1EP21EC040	J ANU RAMYA
73	1EP21EC032	HANSIKA .R.S
74	1EP21EC030	GOWTHAM R
75	1EP21EC004	ABHISHEK KUMAR
76	1EP21EC029	GODHAVARI.C
77	1EP21EC062	NAVYA M
78	1EP21EC019	CHITHRA KN
79	1EP21EC100	SURENDRA REDDY.M.S.
80	1EP21EC096	SRILAKASHMI N M
81	1EP21EC037	HENDRY HAYDEN M S
82	1EP21EC017	CHANDANA SHREE. S
83	1EP21EC013	BHANU PRAKASH MC
84	1EP21EC088	SHASHANK M
85	1EP21EC026	GANAPRIYA G
86	1EP21EC112	VANI.A
87	1EP21EC090	SHIVA PRIYA D. S

88	1EP21EC009	ANUSHA S
89	1EP21EC022	DEEPAK K.S
90	1EP21EC044	K POOJA
91	1EP21EC001	ABDUL RAZIQ H A
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96	1EP21EC079	RASHMI P R
97	1EP21EC095	SPOORTHI H D
98	1EP21EC120	ZUL KHARNAIN PASHA A
99	1EP21EC094	SHREYAS.G
100	1EP21EC011	B S KEERTHANA
101	1EP21EC043	K.MALLIKARJUNA

GALLERY

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