

Alva's Institute of Engineering & Technology

Shobhavana Campus, Mijar, Moodbidri, D.K - 574225

Phone: 08258-262725, Fax: 08258-262726

Department of Electronics and Communication Engineering



A Report on

LabVIEW and its Application

Certification Course

2014 -15



Alva's Institute of Engineering & Technology

Shobhavana Campus, Mijar, Moodbidri, D.K - 574225

Phone: 08258-262725, Fax: 08258-262726

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

ACADEMIC CALENDAR FOR THE YEAR 2014-15		
ODD SEMESTER		
Sl	Tentative Date	Activity
1.	15-07-2013	Departmental Meeting 1- Finalizing the Calendar of Events
2.	21-07-2014 to 25-07-2014	Certification course
3.	01-08-2014	Commencement of Odd Semester Classes
4.	22-08-2014	Technical Talk 1
5.	26-08-2014	Technical Talk 2
6.	01-09-2014 to 04-09-2014	Certification course
7.	04-09-2014	Technical Talk 3
8.	11-09-2014 to 13-09-2014	IA-I
9.	20-09-2014	Technical Talk 4
10.	09-10-2014	Technical Talk 5
11.	13-10-2014 to 15-10-2014	IA-II
12.	12-11-2014 to 14-11-2014	IA-III
13.	19-11-2014	Last Working Day
14.	29-12-2014 to 30-12-2014	FDP
EVEN SEMESTER		
15.	01-01-2015	Departmental Meeting 1- Finalizing the Calendar of Events
16.	22-01-2015	Commencement of Odd Semester Classes
17.	07-02-2015	Technical Talk 1
18.	14-02-2015	Technical Talk 2
19.	16-02-2015 to 20-02-2015	Certification Course
20.	21-02-2015	Technical Talk 3
21.	26-02-2015 to 28-02-2015	IA-I
22.	24-03-2015	Technical Talk 4
23.	24-04-2015 to 25-04-2015	FDP
24.	30-04-2015	Final Year Project Exhibition
25.	04-05-2015 to 06-05-2015	IA-II
26.	14-05-2015	Technical Talk 5
27.	18-05-2015 to 20-05-2015	IA-III
28.	23-05-2015	Last Working Day


Time Table Coordinator


Head of the Department
H. O. D.
Dept. Of Electronics & Communication
Alva's Institute of Engg & Technology
Mijar, MOODBIDRI - 574 225



Alva's Institute of Engineering & Technology

Shobhavana Campus, Mijar, Moodbidri, D.K - 574225

Phone: 08258-262725, Fax: 08258-262726

DEPT. OF ELECTRONICS & COMMUNICATION ENGINEERING

Ref/AIET/ECE/CC/2014-15/002

From,

Date: 20-08-2014

Prof. Raghavendra Rao A
Head of the Department
E & C Engineering
Alva's Institute of Engineering and Technology
Moodbidri.

To,

The Principal
Alva's Institute of Engineering and Technology
Moodbidri.

Respected Sir,

Sub: Requisition for Conducting Certification Course.

reg:-

With reference to the above subject, we are planning to conduct a certification course for final year students on the topic "**LabVIEW and its applications**" from 01/09/2014 to 04/09/2014.

So I kindly request you to grant the permission for conducting the certification course.

Thanking you

Your's faithfully

Prof. Raghavendra Rao A
Head of the Department

Dr. Peter Fernandes
The Principal
AIET Moodbidri
PRINCIPAL

Alva's Institute of Engg. & Technology,
Mijar, MOODSIDRI - 574 225, D.K



Alva's Institute of Engineering & Technology
Shobhavana Campus, Mijar, Moodbidri, D.K - 574225
Phone: 08258-262725, Fax: 08258-262726
DEPT. OF ELECTRONICS & COMMUNICATION ENGINEERING

From,

Prof. Raghavendra Rao A
Head of the Department
E & C Engineering
Alva's Institute of Engineering and Technology
Moodbidri.

To,

Mr. Shashank Shekhar
Field Application Engineer,
Trident Techlabs Pvt. Ltd.

Respected Sir,

Sub: Requisition for Conducting Certification Course-reg.

With reference to the above subject, we are planning to conduct a certification course for final year students on the topic "**LabVIEW and its applications**" from 01/09/2014 to 04/09/2014.

Kindly accept this invitation for conducting the certification course and enhance the Technical knowledge of our students.

Thanking you

Your's faithfully

Prof. Raghavendra Rao A
Head of the Department
H. O. D.

Dept. Of Electronics & Communication
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225

21-08-14
Moodbidri

**ALVA'S INSTITUTE OF ENGINEERING AND
TECHNOLOGY**

**Dept. of Electronics and Communication
Engineering**

**Dept. of Electronics and Communication
Engineering**

We cordially invite you to the

**Certification Course
On**

"LabVIEW and its applications"

By

**Mr. Shashank Shekhar
Field Application Engineer
Trident Techlabs Pvt. Ltd.**

Venue: Internet Lab

Date: 1st to 4th September 2014

To,

.....
.....

**Prof. Raghavendra Rao
HOD**

**Mr. Santhosh S
Staff Coordinators**

About the Institution

Alva's Institute of Engineering & Technology (AIET) is a premier Engineering Institute of Alva's Education Foundation established in the year 2008.

AIET is recognized by All India Council for Technical Education (AICTE), New Delhi and affiliated to Visvesvaraya Technological University (VTU), Belgaum, approved by Govt. of Karnataka. Ranked as one of the best Technical Institute in Dakshina Kannada region. AIET has established Multi-Disciplinary Research Centers viz Center for Robotics, EMS, CAD Center, Linux Lab.

About the Department

Department of Electronics & Communication was started in the year 2008-09. ECE branch is concerned with the design, development, manufacture and application of electronic devices, circuits and systems. It plays great emphasis on deep understanding of fundamental principles and state of the art knowledge about Electronic Devices and Circuits, Computer Architecture and Microprocessors, VLSI and Embedded systems, Electromagnetic Field Theory,

Analog and Digital Communication, Digital Signal Processing, Microwave and Broadband Communications, MEMS Research and Development Lab.

Scope of the Course

LabVIEW is a graphical programming environment used to develop complex measurement, test, and control systems using graphical icons and wires that resemble a flowchart. It offers unparalleled integration with numerous hardware devices and provides a large number of built-in libraries for advanced analysis and data visualization – all for creating virtual instrumentation.

Course Content

1. Introducing LabVIEW Environment
2. Comparison With Text Based Programming
3. Creating and using LabVIEW projects
4. Indicators-Controls- wiring the controls
5. VIs and functions- implementing a VI- basic arithmetics in labVIEW
6. Understanding the dataflow programming model of LabVIEW.

RESOURCE PERSON

Mr. Shashank Shekhar
Field Application Engineer
Trident Techlabs Pvt. Ltd.

PROGRAM SCHEDULE

September 1, 2014

Inauguration: 09:00 am to 09:30 am
Session 1: 09:30 am to 01:00 pm
Lunch Break: 01:00 pm to 02:00 pm
Session 2: 02:00 pm to 03:30 pm
Tea Break: 03:30 pm to 03:45 pm
Session 3: 03:45 pm to 06:00 pm

September 2

Session 4: 09:00 am to 01:00 pm
Lunch Break: 01:00 pm to 02:00 pm
Session 5: 02:00 pm to 03:30 pm
Tea Break: 03:30 pm to 03:45 pm
Session 6: 03:45 pm to 06:00 pm

September 3

Session 7: 09:00 am to 01:00 pm
Lunch Break: 01:00 pm to 02:00 pm
Session 8: 02:00 pm to 03:30 pm
Tea Break: 03:30 pm to 03:45 pm
Session 9: 03:45 pm to 06:00 pm

September 4

Session 10: 09:00 am to 01:00 pm
Lunch Break: 01:00 pm to 02:00 pm
Session 11: 02:00 pm to 03:30 pm
Tea Break: 03:30 pm to 03:45 pm
Session 12: 03:45 pm to 06:00 pm



Alva's Institute of Engineering & Technology

Shobhavana Campus, Mijar, Moodbidri, D.K - 574225

Phone: 08258-262725, Fax: 08258-26272

Department of Electronics and Communication Engineering

Date: 22/08/2014

Circular

It is hereby informed that the department of ECE is conducting certification course for final year students on the topic "LabVIEW and its application" from 1st September 2014 to 4th September 2014. For further details meet the coordinator.

Coordinator
Mr. Santhosh S

HOD
Prof. Raghavendra Rao



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Circular

It is hereby informed to all the below listed students to attend the Certification Course from 9.00am to 6.00pm without fail.

VII-SEM STUDENT LIST

#	USN. No	Name of the Student
1	4AL09EC043	Sharath Nair
2	4AL10EC009	Anju A Sanu
3	4AL10EC024	Darshan B N
4	4AL10EC048	Manoranjana P
5	4AL10EC058	Pant Deepak Pradeep
6	4AL10EC059	Pavan Kumar S
7	4AL11EC001	Adithya Bhat B
8	4AL11EC002	Akhil Chandran B
9	4AL11EC003	Akshatha.K.C Bhat
10	4AL11EC006	Anchan Vijesh Jagannath
11	4AL11EC007	Anjan M.K
12	4AL11EC009	Anush.K
13	4AL11EC010	Archana C.R
14	4AL11EC012	Arun Thomas
15	4AL11EC013	Ashwin A S
16	4AL11EC015	Bhagyashree Badiger
17	4AL11EC016	Bhat Shreyas Prabhakar
18	4AL11EC019	Darshan D N
19	4AL11EC020	Deepika Gambhira M
20	4AL11EC021	Divya Pramitha D souza
21	4AL11EC022	Divyashree H U
22	4AL11EC024	D Souza Deepakraj Peter
23	4AL11EC025	Ganesh.S.S
24	4AL11EC026	Greeshma.P.Shetty
25	4AL11EC027	Haripriya R
26	4AL11EC028	Jijeesha Janardhanan
27	4AL11EC029	Jisha Thomas
28	4AL11EC030	Josline Dsouza
29	4AL11EC031	Kanthesh Jogi
30	4AL11EC032	Kavya Kulkarni



Alva's Institute of Engineering & Technology
Shobhavana Campus, Mijar, Moodbidri, D.K - 574225

Phone: 08258-262725. Fax: 08258-262726

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

31	4AL11EC033	Khawaja Nizzammuddin Subhani
32	4AL11EC035	Lithish Karthik S V
33	4AL11EC037	Meghana N M
34	4AL11EC038	Mejusha Mathew
35	4AL11EC039	Mohammad Ashraf U A
36	4AL11EC042	Nidisha Sivadas
37	4AL11EC043	Nikitha B Shettigar
38	4AL11EC044	Nishmita N Shetty
39	4AL11EC045	Nithya J
40	4AL11EC047	Pooja.S
41	4AL11EC048	Poonja Rashmith Ramdas
42	4AL11EC049	Prajnarani
43	4AL11EC050	Pratham Nayak
44	4AL11EC051	Pratheeksha.P
45	4AL11EC052	Ramya
46	4AL11EC053	Raviraj Chandrashekhar Navada
47	4AL11EC054	Rencita Dsouza
48	4AL11EC055	Renita Pinto
49	4AL11EC058	Salini M
50	4AL11EC059	Sarath Rethnakaran
51	4AL11EC060	Sathish
52	4AL11EC061	Shreelatha
53	4AL11EC062	Shrilakshmi
54	4AL11EC063	Shwetha
55	4AL11EC064	Sreejith. K
56	4AL11EC065	Srijitha.P
57	4AL11EC066	Sudarshan Kamalakara Hegde
58	4AL11EC067	Sukesh.A
59	4AL11EC068	Sukesh.B
60	4AL11EC069	Supritha.J
61	4AL11EC070	Sushritha.S
62	4AL11EC071	Suvarna Ashish Seetharama
63	4AL11EC072	Suvarna Lalit Tharanath
64	4AL11EC075	Vadiraj R Joshi
65	4AL11EC076	Vikas N

Alva's Institute of Engineering & Technology
Shobhavana Campus, Mijar, Moodbidri, D.K - 574225

Phone: 08258-262725. Fax: 08258-262726

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

66	4AL11EC401	Aruna S
67	4AL11EC402	Arun Kumar D A
68	4AL11EC407	Dhruva kumar
69	4AL11EC410	Kiran Naik
70	4AL11EC420	Vinooth
71	4AL11EC421	Virupaksha M
72	4AL12EC400	Akshatha N Rao
73	4AL12EC401	Anita Mallanagoudra
74	4AL12EC402	Arjun GT
75	4AL12EC405	Chaithra V
76	4AL12EC406	Dundesh Allappa yadahalli
77	4AL12EC407	Harshith Kumar S
78	4AL12EC408	Lingaraju M
79	4AL12EC409	Madan Kumar S
80	4AL12EC410	Mahantesh Nimbaraji
81	4AL12EC411	Manju Prakash YR
82	4AL12EC414	Saiprasad T
83	4AL12EC415	Santhosh M Kavadinatti
84	4AL12EC416	Shruthi F sadar
85	4AL12EC417	Sukanya shenoy NS
86	4AL12EC418	Suma GR
87	4AL12EC419	Thippeswamy GB
88	4AL12EC420	Yogesh SN
89	4AL12EC421	Patil Archana Babgonda


Coordinator


Prof. Raghavendra Rao A
Head of the Department
H. O. D.
Dept. Of Electronics & Communication
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225



Alva's Institute of Engineering & Technology
Shobhavana Campus, Mijar, Moodbidri, D.K - 574225
 Phone: 08258-262725, Fax: 08258-262726

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Attendance details of 7th sem students for certification course on "Labview and its Applications"

#	USN. No.	Name of the Student	1/9	1/9	1/9	2/9	2/9	2/9	3/9	3/9	3/9	4/9	4/9	4/9
1	4AL09EC043	Sharath Nair	1	2	3	4	5	6	7	A	8	9	10	11
2	4AL10EC009	Anju A Sanu	1	2	3	4	5	6	7	8	9	10	A	12
3	4AL10EC024	Darshan B N	1	2	3	4	5	A	6	7	8	9	10	11
4	4AL10EC048	Manoranjana P	A	1	2	3	4	5	6	7	8	9	10	11
5	4AL10EC058	Pant Deepak Pradeep	1	2	3	4	5	6	7	8	9	10	11	12
6	4AL10EC059	Pavan Kumar S	1	2	3	4	5	6	7	8	9	10	11	12
7	4AL11EC001	Adithya Bhat B	1	2	A	3	4	5	6	7	8	9	10	11
8	4AL11EC002	Akhil Chandran B	1	2	3	4	5	6	7	8	9	10	11	12
9	4AL11EC003	Akshatha.K.C Bhat	1	2	3	4	5	6	A	7	8	9	10	11
10	4AL11EC006	Anchan Vijesh Jagannath	1	2	3	4	5	6	7	8	9	10	A	11
11	4AL11EC007	Anjan M.K	1	2	3	4	5	6	7	A	8	9	10	11
12	4AL11EC009	Anush.K	1	2	3	4	5	6	7	8	9	10	A	11
13	4AL11EC010	Archana C.R	1	2	3	4	5	6	7	8	9	10	11	12
14	4AL11EC012	Arun Thomas	1	2	3	4	5	6	7	8	9	10	11	12
15	4AL11EC013	Ashwin A S	1	A	2	3	4	5	6	7	8	9	10	11
16	4AL11EC015	Bhagyashree Badiger	1	2	3	4	5	6	7	8	9	10	11	12
17	4AL11EC016	Bhat Shreyas Prabhakar	1	2	3	4	A	5	6	7	8	9	10	11
18	4AL11EC019	Darshan D N	1	2	3	4	5	6	7	8	9	10	A	11
19	4AL11EC020	Deepika Gambhira M	1	2	3	4	5	6	7	8	9	10	11	12
20	4AL11EC021	Divya Pramitha D souza	1	2	3	4	5	6	7	8	9	10	11	12



Alva's Institute of Engineering & Technology
Shobhavana Campus, Mijar, Moodbidri, D.K - 574225
 Phone: 08258-262725, Fax: 08258-262726

21	4AL11EC022	Divyashree H U	1	2	3	4	5	6	7	8	9	10	11	12
22	4AL11EC024	D Souza Deepakraj Peter	1	2	3	4	5	6	7	8	9	10	11	12
23	4AL11EC025	Ganesh.S.S	1	A	2	3	4	5	6	7	8	9	10	11
24	4AL11EC026	Greeshma.P.Shetty	1	2	3	4	5	6	7	8	9	10	11	12
25	4AL11EC027	Haripriya R	1	2	3	4	5	6	7	8	9	10	11	12
26	4AL11EC028	Jijeesh Janardhanan	A	1	2	3	4	5	6	7	8	9	10	11
27	4AL11EC029	Jisha Thomas	1	2	3	4	5	6	7	8	9	10	A	11
28	4AL11EC030	Josline Dsouza	1	2	3	4	5	6	7	8	9	10	A	11
29	4AL11EC031	Kanthesh Jogi	1	2	3	4	5	6	7	8	9	10	A	A
30	4AL11EC032	Kavya Kulkarni	1	2	3	4	5	6	7	8	9	10	11	12
31	4AL11EC033	Khawaja Nizzammuddin Subhani	1	2	3	4	5	6	7	8	9	10	11	12
32	4AL11EC035	Lithish Karthik S V	1	2	3	4	5	6	7	8	9	10	11	12
33	4AL11EC037	Meghana N M	1	2	3	4	5	6	7	8	9	10	11	12
34	4AL11EC038	Mejusha Mathew	1	2	A	3	4	5	6	7	8	9	10	11
35	4AL11EC039	Mohammad Ashraf U A	1	2	3	4	5	6	7	8	9	10	11	12
36	4AL11EC042	Nidisha Sivadas	1	2	3	4	5	6	7	8	9	10	11	12
37	4AL11EC043	Nikitha B Shettigar	1	2	3	4	5	6	7	8	9	10	11	12
38	4AL11EC044	Nishmita N Shetty	1	2	3	4	5	6	7	8	9	10	11	12
39	4AL11EC045	Nithya J	1	2	3	4	5	6	7	8	9	10	11	12
40	4AL11EC047	Pooja.S	1	2	3	4	5	6	7	8	9	10	11	12
41	4AL11EC048	Poonja Rashmith Ramdas	1	2	3	4	5	6	7	8	9	10	11	12
42	4AL11EC049	Prajnarani	1	2	3	4	5	6	7	8	9	10	11	12
43	4AL11EC050	Pratham Nayak	1	2	3	4	5	6	7	8	9	10	11	12
44	4AL11EC051	Pratheeksha.P	1	2	A	3	4	5	6	7	8	9	10	11
45	4AL11EC052	Ramya	1	2	3	4	5	6	7	8	9	10	11	12



Alva's Institute of Engineering & Technology
Shobhavana Campus, Mijar, Moodbidri, D.K - 574225
 Phone: 08258-262725, Fax: 08258-262726

46	4AL11EC053	Raviraj Chandrashekhhar Navada	1	2	3	4	5	6	7	8	9	10	11	12
47	4AL11EC054	Rencita Dsouza	A	1	2	3	4	5	6	7	8	9	10	11
48	4AL11EC055	Renita Pinto	1	2	3	4	5	6	7	8	9	10	11	12
49	4AL11EC058	Salini M	1	2	3	4	5	6	7	8	9	10	11	12
50	4AL11EC059	Sarath Rethnakaran	1	2	3	4	5	6	7	8	9	10	A	11
51	4AL11EC060	Sathish	1	2	3	4	5	6	7	8	9	10	A	11
52	4AL11EC061	Shreelatha	1	2	3	4	5	6	7	8	9	10	A	11
53	4AL11EC062	Shrilakshmi	1	2	3	4	5	6	7	8	9	10	11	12
54	4AL11EC063	Shwetha	1	2	3	4	5	6	7	8	9	10	11	12
55	4AL11EC064	Sreejith. K	1	2	3	4	5	6	7	8	9	10	11	12
56	4AL11EC065	Srijitha.P	1	2	3	4	5	6	7	8	9	10	11	12
57	4AL11EC066	Sudarshan Kamalakara Hegde	1	2	3	4	5	6	7	8	9	10	11	12
58	4AL11EC067	Sukesh.A	1	A	2	3	4	5	6	7	8	9	10	11
59	4AL11EC068	Sukesh.B	1	2	3	4	A	5	6	7	8	9	10	11
60	4AL11EC069	Supritha.J	1	2	3	4	5	6	7	8	9	10	A	11
61	4AL11EC070	Sushritha.S	1	2	3	4	5	6	7	8	9	10	11	12
62	4AL11EC071	Suvarna Ashish Seetharama	1	2	3	4	5	6	7	8	9	10	11	12
63	4AL11EC072	Suvarna Lalit Tharanath	1	2	3	4	5	6	7	8	9	A	10	11
64	4AL11EC075	Vadiraj R Joshi	1	2	3	4	5	6	7	8	9	10	11	12
65	4AL11EC076	Vikas N	1	2	3	4	5	6	7	8	9	10	11	12
66	4AL11EC401	Aruna S	1	2	3	4	5	6	7	8	9	10	11	12
67	4AL11EC402	Arun Kumar D A	1	2	3	4	5	6	7	8	9	10	11	12
68	4AL11EC407	Dhruva kumar	1	2	3	4	5	6	7	8	9	10	11	12
69	4AL11EC410	Kiran Naik	1	2	A	3	4	5	6	7	A	8	9	10
70	4AL11EC420	Vinooth	A	1	2	3	4	5	6	7	8	9	A	10



Alva's Institute of Engineering & Technology
Shobhavana Campus, Mijar, Moodbidri, D.K - 574225
 Phone: 08258-262725, Fax: 08258-262726

71	4AL11EC421	Virupaksha M	1	2	3	4	5	6	7	8	9	10	11	12
72	4AL12EC400	Akshatha N Rao	A	1	2	3	4	5	6	7	8	9	10	11
73	4AL12EC401	Anita Mallanagoudra	1	2	3	4	5	6	7	8	9	10	11	12
74	4AL12EC402	Arjun GT	1	2	3	4	5	6	7	8	9	10	11	12
75	4AL12EC405	Chaithra V	1	2	3	4	5	6	7	8	9	10	11	12
76	4AL12EC406	Dundesh Allappa yadahalli	A	1	2	3	4	5	6	7	8	9	10	11
77	4AL12EC407	Harshith Kumar S	1	2	3	4	5	6	7	8	9	10	11	12
78	4AL12EC408	Lingaraju M	1	2	3	4	5	6	7	8	9	10	11	12
79	4AL12EC409	Madan Kumar S	1	2	A	3	4	5	6	7	8	9	10	11
80	4AL12EC410	Mahantesh Nimbaraji	1	2	3	4	5	6	7	8	9	10	11	12
81	4AL12EC411	Manju Prakash YR	1	2	3	4	5	6	7	8	9	10	11	12
82	4AL12EC414	Saiprasad T	A	1	2	3	4	5	6	7	8	9	10	11
83	4AL12EC415	Santhosh M Kavadinatti	1	2	3	4	5	6	7	8	9	10	11	12
84	4AL12EC416	Shruthi F sadar	1	2	3	4	5	6	7	8	9	10	11	12
85	4AL12EC417	Sukanya shenoy NS	1	2	3	4	5	6	7	8	9	10	11	12
86	4AL12EC418	Suma GR	1	2	3	4	5	6	7	8	9	10	11	12
87	4AL12EC419	Thippeswamy GB	1	2	A	3	4	5	6	7	8	9	10	11
88	4AL12EC420	Yogesh SN	1	2	3	4	5	6	7	8	9	A	10	11
89	4AL12EC421	Patil Archana Babgonda	1	2	3	4	5	6	7	8	9	10	11	12


Coordinator


Prof. Raghavendra Rao A
Head of the Department
H. O. D.
 Dept. Of Electronics & Communication
 Alva's Institute of Engg & Technology
 Mijar, MOODBIDRI - 574 225

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

(A unit of Alva's Education Foundation, Moodbidri)

Shobhavana Campus, Mijar, Moodbidri DK Karnataka-574225

(Affiliated to VTU, Belgaum, Approved by AICTE, New Delhi)



Department of Electronics and Communication Engineering

CERTIFICATE

*This is to certify that Mr./Ms.....bearing the USN
..... of Semester, has attended the Certification
Course on “**LabVIEW and its Application**” from 1st September 2014 to 4th
September 2014 held at Alva's Institute of Engineering and Technology,
Moodbidri.*

Mr. Shashank Shekhar,
Field Application Engineer,
Trident Techlabs Pvt. Ltd

Prof. Raghavendra Rao
Head of the Department
ECE, AIET

Dr. Peter Fernandes
Principal
AIET Moodbidri



Alva's Institute of Engineering & Technology

Shobhavana Campus, Mijar, Moodbidri, D.K - 574225

Phone: 08258-262725, Fax: 08258-262726

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

REPORT

Certification course on "LABVIEW & ITS APPLICATIONS" was conducted from 01/09/2014 to 04/09/2014 by Mr. Shashank Shekhar, Field Application Engineer, Trident Techlabs Pvt. Ltd. He compared the hardware issues coming while designing the hardware circuit and the space allocated by hardware design. Then he gave exposure on LABVIEW and its usage in industry as well as academics.

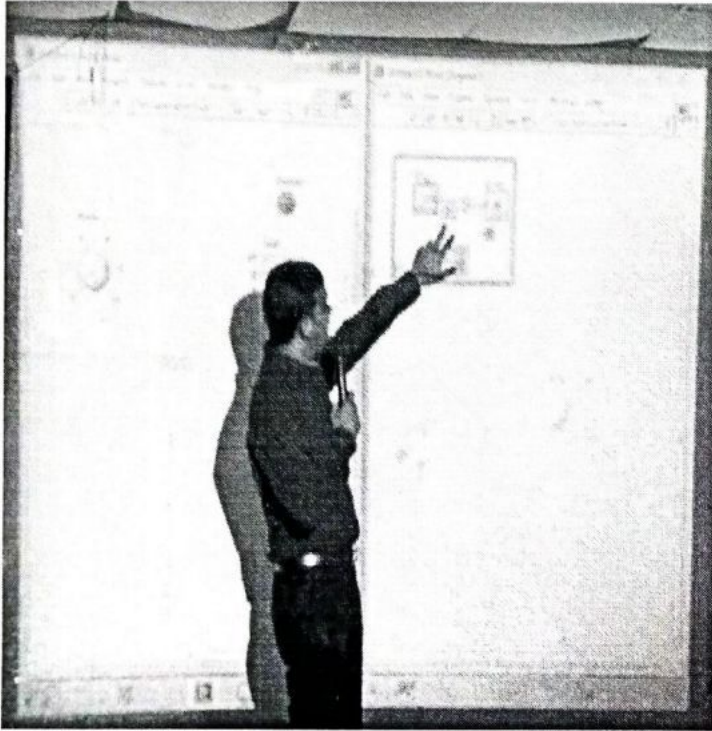


Figure: Oreintation on Labview and its applications

Then he elaborated the ideas about replacement of electronic hardware design labs with LABVIEW environment.

LabView-Test

Instructions: Solve the following problems.

NOTE: Use LabView as you need it.

1. What is the diagram used for in LabView? (5)
2. How is the diagram different than the front panel? (5)
3. If you want to display an average on the front panel of the program what kind of LabView item would you use (control, indicator, Boolean stop button, etc) ? (5)
4. Refer to the picture below to answer the questions.
(20)



- a. What is the value of r, q
 - b. What is the value of r2, q2
 - c. What is the value of r3, q3
 - d. What is the value of r4, q4
5. Draw by hand the diagram for a program that displays a count from 0 to 10. The program takes 5 seconds to run. Use a for-loop (25)
 6. Draw by hand the diagram for a program that displays a count from 0 to 100, by 10's The program takes 5 seconds to run. Use a while-loop and a shift register. (25)



Alva's Institute of Engineering & Technology

Shobhavana Campus, Mijar, Moodbidri, D.K – 574225

Phone: 08258-262725, Fax: 08258-262726

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FEEDBACK FORM

Five days Student Training Program

On

“ LabVIEW and its applications ”

For the following areas, please indicate your rating from 1 to 5:

1=strongly Disagree 2=Disagree 3=neither agree nor disagree 4=Agree 5=strongly Agree

S N	Topics	1	2	3	4	5
A.	Content					
1	Understood the basics of LabVIEW and its Application.					✓
2	Understood the data flow model of LabVIEW.					✓
3	Able to understand LabVIEW in Comparison With Text Based Programming.					✓
4	Understood the concept of wiring controls.					✓
5	Able to understand VIs and functions- implementing a VI- basic arithmetics in labVIEW.				✓	
B	Presentation					
6	Instructor's knowledge					✓
7	Instructor's presentation style					✓
8	Instructor covered material clearly				✓	
9	Instructor responded well to questions					✓
10	Instructor facilitated interactions among participants well					✓
C. How could this workshop be improved?						
Useful						
D. Any other comments or suggestions?						
E. Overall, how would you rate this workshop?						
☐	Poor	☒	Good			
☐	Neither Good Nor Poor	☐	Excellent			