

Certification Course
On
LABVIEW Programming

Co ordinator: Sri P.Durga Prasad

Date(s) of Event : 16/11/2020 - 04/12/2020

Organizing department:
Electrical and Electronics Engineering



K.S.R.M.COLLEGE OF ENGINEERING

(UGC-AUTONOMOUS)

Kadapa, Andhra Pradesh, India-516 005

Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuram.

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Cr./KSRMCE/(Department of EEE)/2020-2021

Date: 12/11/2020

To

The Principal,

KSRM College of Engineering,

Kadapa.

Respected Sir

Sub: KSRMCE-(Department of EEE) permission to conduct certification course on\

“LABVIEW Programming”-Request-Regd.

It is brought to your kind notice that, with reference to the cited, the EEE department is planning to conduct Certification Course on “ LABVIEW Programming” for B.Tech, VII Sem Students from 16/11/2020-04/12/2020. In this regard I kindly request you to grant permission to conduct the certification course. This is submitted for your kind perusal.

Thanking you sir,

Forwarded to principal sir
Ujama
HEAD
Department of Electrical &
Electronics Engineering
K.S.R.M. College of Engineering
Cuddapah - 516 003

Yours Faithfully

Sri P. Durga Prasad

Asst.Prof,Dept.EEE

KSRMCE,Kadapa.

Permitted
mm

To the Director for Information

To All Deans/HoD's/IQAC



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Cr./KSRMCE/(Department of EEE)/2020-2021


Date: 26/08/2020

Circular

All the B.Tech VII Sem EEE students are here by informed that department of EEE is going to conduct certificate course on "LABVIEW Programming" interested students may register their names on or before 12 November ,2020 before 5 Pm.

For any queries contact faculty coordinator :

Sri .T.Kishore Kumar,Asst.Prof,Dept.EEE, KSRMCE, Kadapa.


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Department of Electrical and Electronics Engineering Certification Course on LABVIEW Programming

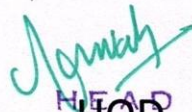
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Coordinator


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Syllabus

LABVIEW PROGRAMMING

Sl. No.	Topic	Hours
		Theory
Module 1	Basics of LabVIEW: Numericals Booleans and comparators Loops Final Module test	06
Module 2	LOOPS: For loops, while loops, Flat sequence	06
Module 3	Structures: Case structure, Event structure, Formula node, Local and global variable.	08
Module 4	Data handling instruction: Strings, Matrix File, IO Clusters, Waveform and wavechart.	06
Module 5	LabVIEW with DAQ-USB-6009, Unit A: Theory of DAQ card, Unit B: Hardware Interface Process 1: – Acquiring and generation of Digital signals Process 2: – Acquiring analog values in DE and RSE method Process 3: – Generating analog output	08

TEXT BOOKS

1. A Software Engineering Approach to LabVIEW by Jon Conway and Steve Watts

2. The LabVIEW Style Book (LSB) by Peter Blume.

Jon Conway
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Certification Course on "LABVIEW Programming"

Schedule

Timing: 4:00pm – 6:00pm

S.No	Date	Course Coordinator	Topic Covered
1	16/11/2020	Dr T.MariPrasath	Basics of LabVIEW: Numericals Booleans and comparators
2	17/11/2020	Dr T.MariPrasath	Loops: For loop
3	18/11/2020	Dr T.MariPrasath	while loops
4	19/11/2020	Dr T.MariPrasath	Flat sequence
5	20/11/2020	Dr T.MariPrasath	Structures: Case structure
6	21/11/2020	Dr T.MariPrasath	Event structure
7	23/11/2020	Dr T.MariPrasath	Formula node
8	24/11/2020	Dr T.MariPrasath	Data handling instruction: Strings
9	25/11/2020	Dr T.MariPrasath	Matrix
10	26/11/2020	Dr T.MariPrasath	File IO
11	27/11/2020	Dr T.MariPrasath	Clusters
12	28/11/2020	Dr T.MariPrasath	Waveform and wavechart
13	30/11/2020	Dr T.MariPrasath	Matrix
14	01/11/2020	Dr T.MariPrasath	Introduction about embedded system
15	02/11/2020	Dr T.MariPrasath	Process 1: – Acquiring and generation of Digital signals
16	03/11/2020	Dr T.MariPrasath	Process 2: – Acquiring analog values in DE and RSE method
17	04/11/2020	Dr T.MariPrasath	Process 3: – Generating analog output


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Department of Electrical and Electronics Engineering


Activity Report

Name of the Event	: Certification Course on LABVIEW Programming”
Date of the Event	: 16/11/2020-04/12/2020
Scheduled Time	: 4.00 to 6.00PM
Target Audience	: B.Tech VII Sem Students
Student Co-ordinator	: V. ABHISHEK , K. SOMANJU, VII Sem
Venue of the Event	:online(https://meet.google.com/lookup/dkej4ijy4)

Activity Description:

Department of EEE organised a certification course on LABVIEW Programming for VII sem EEE Students. Dr T.Mariprasath has given an excellent training and explained about NI LabVIEW and integrated development environment designs ,building measurement and control systems. NI LabV is a native graphical programming language, built-in IP for data analysis and signal processing, and an open architecture that enables integration of any hardware device and any software approach, Sie explained about the software used to build the optimal solution that can meet custom requirements and solve the challenges at hand.


Coordinator


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Principal



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REC

Q2 Determine feedback resistance R_f with a gain of -10 and input resistance equal to $10\text{ k}\Omega$

$$A_{CL} = \frac{-V_o}{V_i} = -\frac{R_f}{R_i}$$

A_{OL} - open loop gain

A_{CL} - closed loop gain

$$R_f = -A_{CL} \times R_i$$

$$R_f = -(-10) \times 10\text{ k}\Omega = 100\text{ k}\Omega$$

(48)



256 YAPARALA...



257- YERRAGUDIPADU...



LE -203 MOHAMMAD ALI



LE 202 RAKESH





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Certificate Course on

LABVIEW PROGRAMMING


16 /11 /2020 - 04/ 12/ 2020

Organized by

DEPARTMENT OF
ELECTRICAL AND ELECTRONICS ENGINEERING

58	PALLA RAVIVARMA	189Y5A0235	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	A	✓	✓	✓
59	PALLA REDDAIAH	189Y5A0236	✓	✓	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	✓	✓	✓	✓	✓
60	P.SANTHOSH REDDY	189Y5A0238	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	✓	
61	PATTEM SRAVANI (W)	189Y5A0239	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
62	P.PRABHU TEJA	189Y5A0240	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	A	✓	✓	
63	P.SATHISH KUMAR	189Y5A0241	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
64	RAJOLI KARTHIK REDDY	189Y5A0242	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	
65	R. PAVAN KUMAR REDDY	189Y5A0243	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
66	REPALLE ANOK	189Y5A0244	✓	✓	✓	✓	A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
67	S.MADHURIMA	189Y5A0245	✓	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	✓	✓	✓	✓	✓	
68	S. NIRANJAN REDDY	189Y5A0246	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
69	SHAIK AHAMMAD	189Y5A0247	✓	✓	✓	A	✓	✓	✓	✓	✓	✓	✓	✓	A	✓	✓	✓	
70	SHAIK SADHIK BASHA	189Y5A0248	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
71	SHAIK VANNUR BASHA	189Y5A0249	✓	✓	✓	✓	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	✓	✓	
72	S. NAGABHUSHAN REDDY	189Y5A0250	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
73	SIRIVELU SRIKANTH	189Y5A0251	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	A	
74	S.SAHEB KAMAL BASHA	189Y5A0252	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
75	VADDE ABHISHEK	189Y5A0257	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
76	VALLEPU SANDEEP	189Y5A0258	✓	A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
77	V.MAHESWAR REDDY	189Y5A0259	✓	✓	✓	✓	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	✓	✓	
78	V. C. KUMAR REDDY	189Y5A0260	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	A	✓	✓	
79	Y. VENKATA KAVITHA	189Y5A0261	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	


Coordinator


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Introduction to LabVIEW



WVU

ES

Overview

- Objectives
- Background
- Materials
- Procedure
- Report/Presentation
- Closing

WVU

ES

Objective

- Familiarization with graphical programming
- Obtain data from outside the computer using simulated instrumentation
- Use this knowledge to create programs in LabVIEW
 - Heating and cooling system
 - Lighting system

WVU

ES


What is LabVIEW?

- Laboratory Virtual Instrument Engineering Workbench
- Graphical programming language
- Used for data acquisition, instrument control, and signal processing
- Based on G programming language

WVU

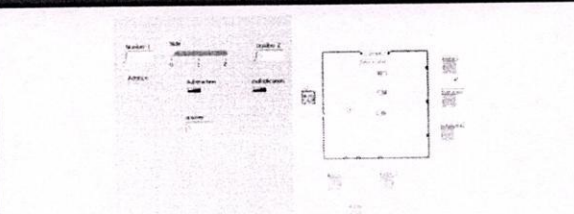
ES

Text-Based



Text-based code for a simple calculator

Graphic-Based




Graphic-based code for a simple calculator


LabVIEW Programs (VIs)

- Called "Virtual Instruments" (VIs)
- Appearance and operation imitates actual physical instruments

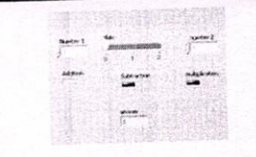
Without



With

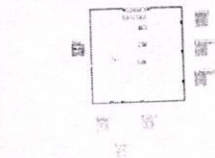


Graphic-Based

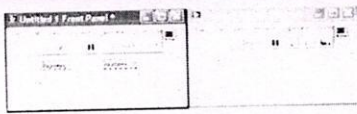


Front Panel - User Interface (UI), where the program is controlled and executed

Back Panel (Block Diagram):
The internal circuit where the program code is written



Controls and Indicators

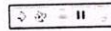


- Icons in back panel represent objects in front panel
- Controls can be identified by a triangle on the right of the block shown on the back panel

NI

EG1003

Toolbar & Tools Panel



- Run once
- Run Continuously
- Stop
- Pause
- Highlight Execution

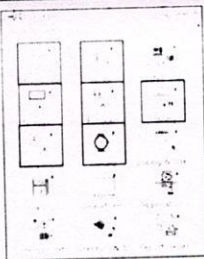


- Automatic Tool Selector
- Operating Tool
- Positioning Tool
- Labeling Tool
- Wiring Tool
- Scrolling Tool
- Probe Tool
- Coloring Tool
- Get Color

NI

EG1003

LabVIEW Functions (View > Functions)



- The Functions palette contains the VIs, functions and constants you use to create the block diagram
- Only items highlighted in red will be covered in this course

NI

EG1003

NI ELVIS Board

- National Instruments' Educational Laboratory Virtual Instrumentation Suite Board
- Interface that exchanges data (sends/receives) between the computer and the **outside world**

References: See EG1003 Online Manual, National Instruments documentation, and other LabVIEW oriented websites (i.e. IIT's LabVIEW for Dummies®)

NI

EG1003

Materials

- Computer with LabVIEW 2017
- NI-ELVIS board
- Wires
- 3D-Printed Heat Cube

Procedure

Program 1 (Thermal Control VI)

- Program requirements – Automatic Mode
 - Regulate house air temperature
 - AC is ON when temperature is greater than 80°F
 - Heater is ON when temperature is less than 60°F
 - Both OFF when the temperature is between 60°F & 80°F
- Program requirements – Manual Mode
 - Heater and AC power are controlled directly by user (overrides automatic mode)

Procedure

- Front panel must have:
 - 3 LEDs: AC, Heater, and Manual operation
 - 3 switches for AC, heater, and system operation (automatic/manual)
 - A temperature control represented by a thermometer
- Back panel should have:
 - A Boolean case statement to control manual and automatic operations

Procedure

Real World Application

- Functional heating/cooling system "Heat Cube"
- Import premade VIs to control fans, heaters, and thermometers using your logic program
 - Temperature Reading VI: receive real time data
 - Heat Control VI: power heating element
 - Cooling Control VI: power fan/cooling unit

Procedure

Program 2 (Lighting System VI)

- Program Requirements
 - Control the lights in four rooms
 - Turn off all lights with a master switch
- Front Panel
 - Four LEDs
 - Five Switches
- Back Panel
 - Case Structure
 - NI ELVISmx Digital Writer

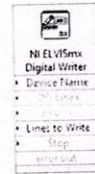
NWU

ELVIS

Procedure

Real World Application

- Functional lighting system via LED's on the NI-ELVIS board
- Control lights on board using front panel on computer



NWU

ELVIS

Report/Presentation

- Submit a zip file with all LabVIEW programs (.vi)
 - Submit **BEFORE** end of lab
- Lab 5 presentation during next week's recitation
- Individual report
- Discussion topics in the manual
- Scan in data and lab notes

NWU

ELVIS

Closing

- Have all lab notes signed by TA
- Each team member should have turn using software
- Save all VIs
- Submit all work electronically
- Return all unused materials to TA

NWU

ELVIS

Introduction to LabVIEW

QUESTIONS?





K.S.R.M. COLLEGE OF ENGINEERING
(Autonomous)

Kadapa, Andhra Pradesh, India-516003

Approved by AICTE, New Delhi & Affiliated to JNTUA, Anathapuramu


Presents this

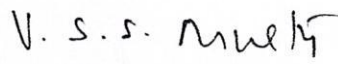
CERTIFICATE OF PARTICIPATION

B. Chandrakala, Roll No - 17941A0206

For her active and invaluable participation during the conduct of Certification Courses on "LABVIEW PROGRAMMING" held during 16th November to 04th December, 2020, in Department of Electrical And Electronics Engineering.


Coordinator


HOD
Department of Electrical &
Electronics Engineering
K.S.R.M. College of Engineering
Cuddapah - 516 003


Principal



**K.S.R.M. COLLEGE OF ENGINEERING
(UGC-AUTONOMOUS)**

Kadapa, Andhra Pradesh, India-516 005

Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.

**Department of Electrical and Electronics Engineering
Certification Course on LABVIEW PROGRAMMING**

Feedback Form

S.No	Name of the Student	Roll List	Is the Course content meet your expectation	Is the lecture sequence well planned	Is the level of course high	Is the course exposed you to the new knowledge	Rate the Knowledge of the Speaker	Rate the value of Course in increasing your skills	Any Issues
1	NAGADASAR I PRASANNA KUMAR	169Y1A0216	Yes	Agree	Strongly Agree	Yes	4	4	Nil
2	AKULA VENKATA ARAVIND	179Y1A0201	Yes	Agree	Agree	yes	5	5	Provide PPT
3	AKULA VENKATA SUNIL	179Y1A0202	Yes	Agree	Agree	Yes	4	4	NIL
4	ANKIREDDIP ALLI VIVEKANAN DAREDDY	179Y1A0203	Yes	Strongly Agree	Strongly Agree	yes	5	4	Nil
5	BANDA SIVARAJ	179Y1A0204	Yes	Agree	Agree	Yes	4	4	Nil
6	BHUMIREDDY CHANDRAKALA (W)	179Y1A0206	Yes	Strongly Agree	Agree	yes	5	5	Give more examples

7	DUGGISETTY JAGAPATHI BABU	179Y1A0207	Yes	Agree	Strongly Agree	Yes	5	4	Nil
8	GADDAM ANIL KUMAR	179Y1A0208	Yes	Strongly Agree	Agree	yes	5	4	Nil
9	GAJJALAKON DUGARI RENUKA DEVI (W)	179Y1A0209	Yes	Agree	Agree	Yes	5	5	Nil
10	GORANTLA SASIDHAR	179Y1A0210	Yes	Agree	Strongly Agree	yes	5	5	Nil
11	KRISHNAM SNEHALATH A (W)	179Y1A0211	Yes	Agree	Agree	Yes	5	5	Nil
12	KURUBA LAKSHMIKA NTH	179Y1A0212	Yes	Agree	Agree	yes	5	5	Nil
13	MANCHALA SOWMYA (W)	179Y1A0214	Yes	Agree	Agree	Yes	5	5	Nil
14	MAYANA ABDUL SUHAIB KHAN	179Y1A0215	Yes	Agree	Agree	yes	5	5	Nil
15	MEDA SANDEEP	179Y1A0216	Yes	Agree	Agree	Yes	5	5	Nil
16	MEKALA GANGADHA RA	179Y1A0217	Yes	Agree	Agree	yes	5	5	Nil
17	RAYAPU VENNELA (W)	179Y1A0221	Yes	Agree	Agree	Yes	5	5	Nil
18	SANNAPURI VENKATESH	179Y1A0222	Yes	Agree	Agree	yes	5	5	Nil


19	SUCHARITHA PANYAM (W)	179Y1A0225	Yes	Agree	Agree	Yes	5	5	Nil
20	SYED AZARUDDIN	179Y1A0226	Yes	Agree	Agree	yes	5	5	Nil
21	SYED HAFEEZ PARVEZ	179Y1A0227	Yes	Agree	Agree	Yes	5	5	Nil
22	SYED SHAZIA TABASSUM (W)	179Y1A0228	Yes	Agree	Agree	yes	5	5	Nil
23	YARRANAGU RAJESH REDDY	179Y1A0230	Yes	Agree	Agree	Yes	5	5	Nil
24	ATHINJERI RAJESH	189Y5A0201	Yes	Agree	Agree	yes	5	5	Nil
25	BIJIVEMULA SUDARSHAN REDDY	189Y5A0202	Yes	Agree	Agree	Yes	5	5	Nil
26	BILLIPATI PAVAN KUMAR	189Y5A0203	Yes	Agree	Agree	yes	5	5	Nil
27	BOLLINENI PRASANNA LAKSHMI (W)	189Y5A0204	Yes	Agree	Agree	Yes	5	5	Nil
28	CHABUK SAWAR MOHAMME D SUBHAN	189Y5A0205	Yes	Agree	Agree	yes	5	5	Nil
29	KALAMALLA KALANDAR	199Y5A0205	Yes	Agree	Agree	Yes	5	5	Nil
30	KAMMARA UDAYA SREE (W)	199Y5A0206	Yes	Agree	Agree	yes	5	5	Nil

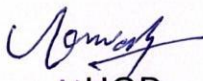
31	MODAPOTH ULA ANIL	199Y5A0207	Yes	Agree	Agree	Yes	5	5	Nil
32	MOPOORU RAMA CHANDRA REDDY	199Y5A0208	Yes	Agree	Agree	yes	5	5	Nil
33	MUDE SRIKANTH NAIK	199Y5A0209	Yes	Agree	Agree	Yes	5	5	Nil
34	MUTYALA VENKATA MEGANATH	199Y5A0210	Yes	Agree	Agree	yes	5	5	Nil
35	SAGILI PUSHPANAT HA REDDY	199Y5A0211	Yes	Agree	Agree	Yes	5	5	Nil
36	SHAIK SHABBIR BABA	199Y5A0212	Yes	Agree	Agree	yes	5	5	Nil
37	YAMAVARA M SWAPNA (W)	199Y5A0213	Yes	Agree	Agree	Yes	5	5	Nil
38	JADA NAVEEN KUMAR	189Y5A0213	Yes	Agree	Agree	yes	5	5	Nil
39	JINKA MANOJ KUMAR	189Y5A0214	Yes	Agree	Agree	Yes	5	5	Nil
40	KAMBALADI NNE THATI VENKATA SUBBAIAH	189Y5A0215	Yes	Agree	Agree	yes	5	5	Nil
41	KAMBHAM PAVAN KUMAR REDDY	189Y5A0216	Yes	Agree	Agree	Yes	5	5	Nil
42	KAPA OMKAR REDDY	189Y5A0217	Yes	Agree	Agree	yes	5	5	Nil

43	KARAPURED DY MANOJ KUMAR REDDY	189Y5A0218	Yes	Agree	Agree	Yes	5	5	Nil
44	KODURU KUMAR	189Y5A0219	Yes	Agree	Agree	yes	5	5	Nil
45	KONANGI CHANDU	189Y5A0220	Yes	Agree	Agree	Yes	5	5	Nil
46	KOTHAPALLI SOMANJU	189Y5A0221	Yes	Agree	Agree	yes	5	5	Nil
47	KUMARAKAL VA BALAJI	189Y5A0222	Yes	Agree	Agree	Yes	5	5	Nil
48	KUMMARA VISHNU	189Y5A0223	Yes	Agree	Agree	yes	5	5	Nil
48	KUNDALA SIVASAI	189Y5A0224	Yes	Agree	Agree	Yes	5	5	Nil
50	KUSAM CHANDRA PRAKASH REDDY	189Y5A0227	Yes	Agree	Agree	yes	5	5	PPT required
51	LAKKIREDDY MADHU SAI	189Y5A0228	Yes	Agree	Agree	Yes	5	5	Nil
52	LAVANUR REVANTH REDDY	189Y5A0229	Yes	Agree	Agree	yes	5	5	Nil
53	LINGIREDDY SAI HARSHINI (W)	189Y5A0230	Yes	Agree	Agree	Yes	5	5	Nil
54	MOGHAL ASLAM BAIG	189Y5A0231	Yes	Agree	Agree	yes	5	5	Nil
55	MOOLA PRADEEP KUMAR REDDY	189Y5A0232	Yes	Agree	Agree	Yes	5	5	Nil

56	MULE SIVA JYOTHSNA (W)	189Y5A0233	Yes	Agree	Agree	yes	5	5	Nil
57	NEELAM PAVAN KUMAR REDDY	189Y5A0234	Yes	Agree	Agree	Yes	5	5	Nil
58	PALLA RAVIVARMA	189Y5A0235	Yes	Agree	Agree	yes	5	5	Nil
59	PALLA REDDAIAH	189Y5A0236	Yes	Agree	Agree	Yes	5	5	Nil
60	PATHAKOTA SANTHOSH REDDY	189Y5A0238	Yes	Agree	Agree	yes	5	5	Nil
61	PATTEM SRAVANI (W)	189Y5A0239	Yes	Agree	Agree	Yes	5	5	Nil
62	PULLAGURA PRABHU TEJA	189Y5A0240	Yes	Agree	Agree	yes	5	5	Nil
63	PULLIRUPU SATHISH KUMAR	189Y5A0241	Yes	Agree	Agree	Yes	5	5	Nil
64	RAJOLI KARTHIK REDDY	189Y5A0242	Yes	Agree	Agree	yes	5	5	Nil
65	RAMIREDDY PAVAN KUMAR REDDY	189Y5A0243	Yes	Agree	Agree	Yes	5	5	Nil
66	REPALLE ANOK	189Y5A0244	Yes	Agree	Agree	yes	5	5	Nil
67	SARASWATH I MADHURIM A (W)	189Y5A0245	Yes	Agree	Agree	Yes	5	5	Nil
68	SAREDDY NIRANJAN REDDY	189Y5A0246	Yes	Agree	Agree	yes	5	5	Nil

69	SHAIK AHAMMAD	189Y5A0247	Yes	Agree	Agree	Yes	5	5	Nil
70	SHAIK SADHIK BASHA	189Y5A0248	Yes	Agree	Agree	yes	5	5	Nil
71	SHAIK VANNUR BASHA	189Y5A0249	Yes	Agree	Agree	Yes	5	5	Nil
72	SIDDAMREDDY NAGABHUSHAN REDDY	189Y5A0250	Yes	Agree	Agree	yes	5	5	Nil
73	SIRIVELU SRIKANTH	189Y5A0251	Yes	Agree	Agree	Yes	5	5	Nil
74	SULTHAN SAHEB KAMAL BASHA	189Y5A0252	Yes	Agree	Agree	yes	5	5	Nil
75	VADDE ABHISHEK	189Y5A0257	Yes	Agree	Agree	Yes	5	5	Nil
76	VALLEPU SANDEEP	189Y5A0258	Yes	Agree	Agree	yes	5	5	Nil
77	VANGIMALLA MAHESWAR REDDY	189Y5A0259	Yes	Agree	Agree	Yes	5	5	Nil
78	VENNAPUSA CHARAN KUMAR REDDY	189Y5A0260	Yes	Agree	Agree	yes	5	5	Nil
79	YAMMANURU VENKATA KAVITHA (W)	189Y5A0261	Yes	Agree	Agree	Yes	5	5	Nil

P. 
 Coordinator
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