



# DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E., New Delhi & Affiliated to JNTUK)

NAAC Accredited Institute

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## Report on 3-day workshop NI Lab VIEW (APITA)

### **About workshop:**

In its pursuit of excellence in technical education Dadi Institute of Engineering & Technology, Visakhapatnam in association with Andhra Pradesh State Skill Development Corporation organized a three day Workshop for the Final Year BTech ECE Students of Department of Electronics & Communication Engineering on **NI Lab VIEW** during **15th - 17th SEP 2018**. Two resource persons, Syed Ahamed Raza Saqqaf and Prakash, explained the basics of NI Lab VIEW and covered the following topics.

1. Introduction about the class.
2. Basic Lab VIEW
3. Lab VIEW Environment
4. VI
5. Parts of VI
6. Exploring Lab VIEW
7. Data Flow
8. Introduction of Data types
- Break
9. Data types
10. Numeric
  - 10.1 Wiring
  - 10.2 Numeric data type Explanation
  - 10.3 Examples on data types
  - 10.4 Hands on on numeric data type
  - 10.5 task on Numeric data type
  - 10.6 Coercion dot
  - 10.7 Changing representation of numeric control
  - 10.8 - Debugging techniques

Lunch

11 Boolean Data Type

11.1 - Boolean operation techniques / functions

11.2 Simple Boolean Programs

12 COMPARISONS

12.1 Functions

12.2 Select switch

12.3 Programs

Break

13. String Data type

13.1 Functions

13.2 Programs

14. Revision

15. Revision on Data types

16. Programs involving all the data types

17. Programs with selcet switch

Break

18. Introduction to loops and structure

19. While and for loop

20. Basic definition on while and for loop

21. Introduction to For Loop

22.1 Count terminal

22.2 Iteration

22.3 Tunnel mode

22.4 Programs

22.5 Shift register

23. Introduction to while loop

This workshop enhanced and enriched students to gain knowledge on one of the new technology.





