



ELECTRO VISION
DEC-JAN
2017-2018



Electrical science has disclosed to us the more intimate relation existing between widely different forces and phenomena and has thus led us to a more complete comprehension of Nature and its many manifestations to our senses.

by
Nikola Tesla

Simplify Your Life with an Analog Window Detector :

This article, part of AAC's Analog Circuit Collection, presents a simple yet effective replacement for ADC-based window detection. In my experience, window detection is a common requirement in embedded systems, particularly sensor-based devices. The general idea is as follows: You have an analog signal that is constantly monitored by interface or control circuitry. The state of this signal is evaluated according to a range. In some cases, the signal is considered normal if it is within a specified range. In other cases, the signal is normal when it is outside of the range. In either case, the range is referred to as a window, and these two scenarios could be described, respectively, as "in-window" and "out-of-window." An example of an "in-window" system is temperature sensing. Human beings, animals, and even equipment usually prefer temperatures that are not too high or too low. Thus, temperature-monitoring systems often need to take some sort of action when the temperature exceeds a maximum value or drops below a minimum value.

Article by : G.N.L.N.R.Arun.3rd EEE

Results for 2-1 Sem :



C.Sneha
GPA: 8.50



Abdul Arifa
GPA : 7.82



M.Tejasree
GPA : 7.45

Results for 3-1 Sem :



G.Vandana
83.77%



MD.Munvarunnisa
75.77 %



k.Pavani
75.53%

Results for 4-1 Sem :



S.Sai Sushma Sree
87.58%



B.Navya sree
85.93%



D.pavani chai
85.65%

Workshop on PLC Fundamentals:

A workshop on PLC fundamental was conducted for three days in association with the Andhra Pradesh State Skill Development corporation which was conducted to the third year students?

DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY
Ganguru, Vijayawada

A Three Day Workshop
on
"PLC FUNDAMENTALS"
Dates: 4th - 6th January 2018

In Association with
Andhra Pradesh State Skill Development Corporation
Organized by
Department of Electrical and Electronics Engineering

To impart Hands on& Practical knowledge in emerging Technologies and get them trained towards Industrial in a Planned Manner.

- In present scenario students are lacking of practical knowledge.
- Present academics focus on only theory.



Advantages Of Workshop:

- Getting idea on Industrial Automation Process
- Job Oriented Skills



Republic day celebrations on 26th jan 2018 :

Republic day was celebrated in the college on 26th January 2018.



This article is prepared by S.vamsi Krishna 3rd year EEE.

A View To Remember:

- ✚ Planning to conduct a workshop on "Designing of Solar Panels by PV Systems.

Vision

Emerge as Quality Human Resource Provider for Industry and Society in the field of Electrical & Electronics Engineering.

Mission

- Providing Quality Education through State-of-art resources.
- To develop innovative, proficient Electrical engineers.
- Promoting Ethical and moral values among the students as to make them responsible professionals for the society.
-

Program Educational Objectives

- PEO1:** Have strong foundation in Electrical Engineering along with mathematics, Science s and allied Engineering subjects.
- PEO2:** Possess good problem solving, design skills, capability to use modern engineering tools, ability to pursue higher education and research.
- PEO3:** Seek employment in various engineering or technological positions of their interest and continue to achieve their aspirations through lifelong learning.
- PEO4:**Exhibit professional and ethical attitude, effective communication skills, Teamwork and multidisciplinary approach.

Editorial & design Team

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K.Havisha ,III Year EEE