Date: 30/5/20 Course: Logic design topic: - Application of PLC

Warner- Harshitha. T USN: 4 ALITECIOS Sem & T. 6th B

PLC (programmable logic Controller, is an original computer used for industrial automation. There contains automate a specific process, marrier function, or even an entire production line.

working contains → Ito

-> Communication

- HMI

* Different types of PLC

In addition to PIC described above, there are variations including PLC+HMI controllers

- to Different Application of Relays.
- i) The operating system
 - 2) The user Program
- * Ladder Logic PIC programmeng

Ormong several programming larguages ladder logic deagram ex the most basic and simplest from of programming the PLC.

- should know the basic information about it.
- a In addition to above functional symbols, there are several functions like times, counter, PID etc.

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Pate 1-30/5/20
                                                                                                                Name: - Hasshitha.T
                                                                                                                USN - UALIACCIOG
 Course - python
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Popic: Vedio & image semestes
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+ Codes to lading Display, Resizing & woiting images:
                 import wz
                 ing = cv2.imread ("galany.jpg",0)
                  Point (type (ing))
                    Print (ing)
                                                                                                                                                 The Wall House
                   point (ring . Shape)
                                                                                                                                              print (ing. rdim)
                      otrized image = cv 2. stri ze (ing. Shape [1]/2) (ing.
                                                                                                                                  Shap CoJ(2))
                       CV2. imshow ("Yalary", vesized-irrage)
                        CV2 i im write ( Galary - verizedjeg ", resized - image)
                        CV2. waitkuy (0)
                         CV 2 . dertopy All windows ()
   & I also learnt to write the code for face Detections
             which & similar to the above code.
   * Vedio capaturing : wode >-
              import (v 2. time
                 a = 0
               while True:
                       az atl
                       theck, frame = vedio. read()
                      point (hele)
```

Scanned with CamScanner

print (frame)

gray: cv2. cut colors (frame, cv2. colour= BGR24RAY)

time. Sleep (3)

cv2. imshow ("(apturing".gray))

key = cv2. wait key (1)

ib key:== ord ('q'):

bocak

print(a)

vedio. velese ()

cv2. destroy All wirdows

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