MOHAMMAD ALI JINNAH UNIVERSITY

CE1220L

Computer Engineering Workshop
Project Report

<u>RGB KEYBOARD</u>

Project Members:

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Introduction:

As per our project convert old keyboard into new one version keyboard.

Components:

1-RGB Lights

2-Remote Module

3-Voltage Booster 5v to 12v

Old Keyboard

Working

There were old keyboard with me at my home when we saw that it was damaged and not in working position properly.

After that we visit computer scrap market and we purchase two old keyboards of same model, one of them was damaged keypad and one was some ok. I troubleshoot and after troubleshooting the keypad become in working position and we convert it from PS2 to USB. After that we clean keyboard because of the keyboard was dirty due to local market place. After that we color spry on it as it to be shown keypad frame as a new one.
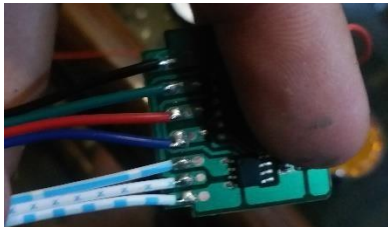
We install RGB lights and also install wireless remote control as change the keypad colors and multi colors/shades.

That we install voltage booster which increase the voltage supply to the lights from keyboard chip.

New Keyboard

Spray color to old keyboard

Wireless led lights controller

Voltage booster 5v to 12v

New keyboard with RGB lights

Conclusion

The working / Learn in Computer Workshop Lab remain very helpful to us that to implement   .

It is not necessary to purchase a new latest keyboard but old one keyboard can be converted in new key board include lighting.

Therefore, due to purchase of old keyboard we have also save the cost (amount).