

**B V RAJU COLLEGE**  
**VISHNUPUR :: BHIMAVARAM**  
**B V RAJU COLLEGE CENTER FOR INNOVATION**

B V Raju College Center for Innovation was established on 15 August 2022. This center for innovation provides the students with hands-on experience. In this CFI the students are able to acquire the basic knowledge of soldering and designing the circuits



In CFI the students will collect the e-waste that was available on our campus and design new prototypes, devices, and products.

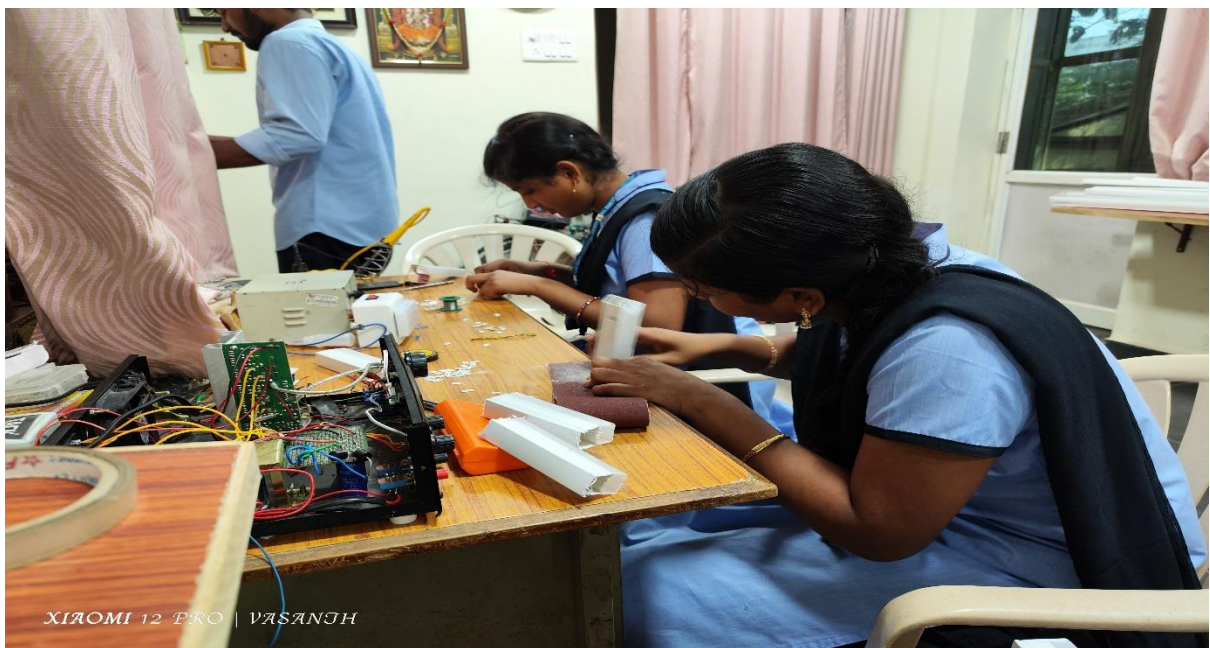
The CFI was successful in making use of e-waste and building new devices and products.



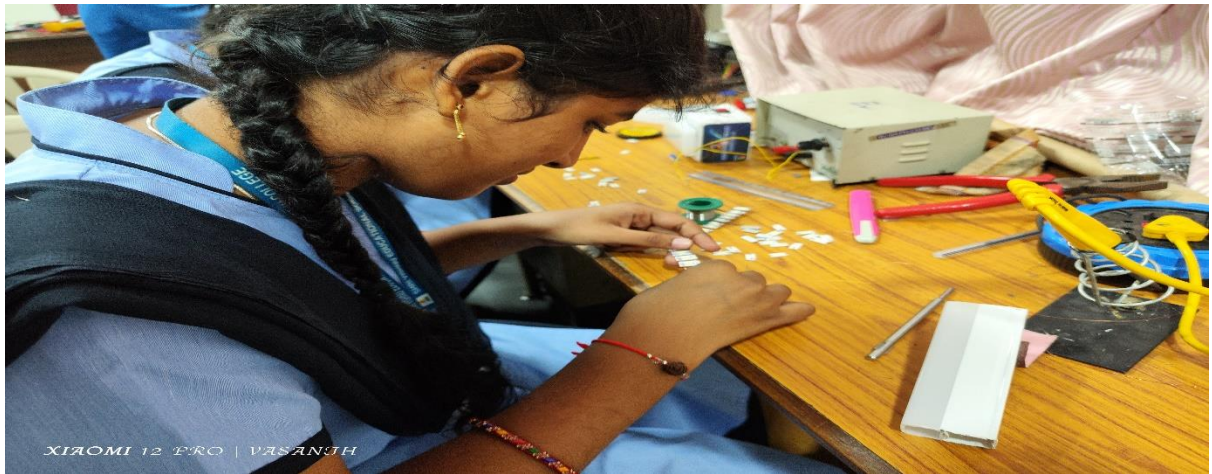




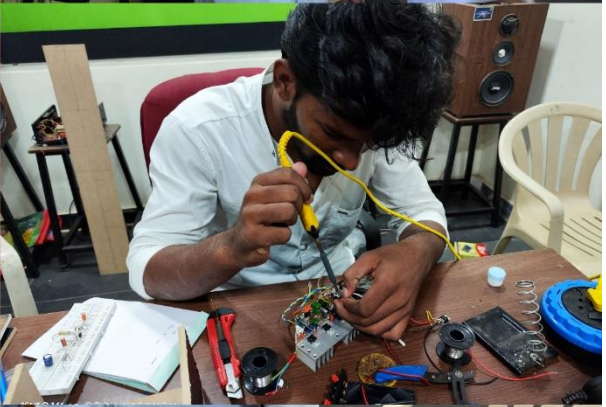












In the span of 6 months, the students from the CFI have designed many things that can be useful to all. some of the designs are mentioned below,

- E-bike
- LPG gas detector with mobile call alert
- Emergency lights from the faulty tube lights
- Mini Bluetooth speakers
- 200 watts stereo amplifier
- 2.1 home theater
- 6.1 Soundbar with subwoofer
- 100 watts stereo sound system with mic
- 150 watts of mini soundbar with subwoofer
- Torch lights from waste water bottles
- Power banks from waste water bottles
- Automatic on/off bulb with clap sound
- Mini smart inverter
- DC motor demo
- Aluminum air battery
- 200 watts Amplifier with Mic system
- 100 watts soundbar
- Portable Mini Bluetooth speakers for laptops
- Cooling fan for the mobile
- Mini AC
- 200 watts trolley mic system (DC)
- Study lamps
- Rain detector (SBSP)
- Rechargeable gas lighter (SBSP)
- Automatic solar street light using LDR (SBSP)
- LED name board from waste
- 50 watts Bluetooth speaker for laptop
- Bed lamp with mini aquarium
- VISHNU logo bed lamp
- Bluetooth device for existing amplifier
- Wireless charging demo
- Mini solar panel