

## **E-Waste management through E-Waste Refurbishing Club :**

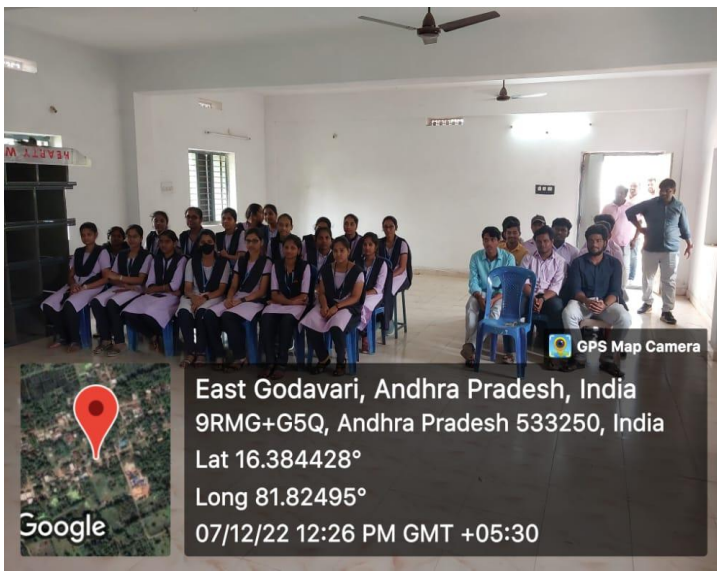
E-waste or electronic waste is created when an electronic product is discarded after the end of its useful life. E-waste mainly includes obsolete electronic devices such as computers, servers, monitors, TVs & display video devices, printers, scanners, copiers, fax machines besides refrigerators, air conditioners, e- waste also covers recording devices such as DVDs, CDs, floppies, tapes, printing cartridges, electronic components such as chips, processors, mother boards, printed circuit boards etc.

SVEC, ECE department has signed an MoU with Electro Pro, Vishakaptnman for E-waste Management. As a part of the MoU activities, We have We have , electro pro E-WASTE Refurbishing club. The club has 40 second year ECE student members. These students have got training from Electro Pro experts on how to make products from E-waste.

The Institute E-Waste section experts/Students, first dismantle all the components in the condemned electronic devices. The good condition components are identified by testing. These components are selected for reuse. Students used the components to make objects related to themes of festivals, low cost electronic aiding devices for farmers and fisherman and also household purpose. Our students prepared some articles related to Christmas festival during the Christmas time.



**Fig. Electro pro E-Waste Refurbishing club at college premises**



**E-Waste Refurbishing club members**



**E- WASTE Electro Pro Expert interacting with students**







**Fig. E-Waste segregation process by the Club Members**



**Fig. Segregated reusable electronic components from damaged electronic Equipments**







**Fig. E-Waste segregation process**



**Fig. Making of objects and articles from e –waste**



## **Products prepared from E-Waste :**



**(a) star with CD's and connectors**



**(b)snowman represents winter**



**c ) product using waste CDs**



**d)Hut was prepared using batteries ,bread boards and metallic base of electronic devices**









**Fig. X-MAS tree and Christmas related articles with e -waste**

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