<u>Inauguration of Reconfigurable Computing Club in Department of ECE</u>

Reconfigurable Computing club, the technical club of ECE is inaugurated on 11.08.2018. The major objective of this club is to create awareness on e – waste management as well as to make the students to cope up with the latest developments in the technologies. In the rapidly changing modern world, the electronic gadgets that are being used are becoming useless as and when the technology is upgraded there by resulting in a lot of electronic waste resulting in eco imbalance. This is in view of various materials that are used in the manufacturing of electronic goods. Reconfigurable computing addresses this problem by facilitating continuous change in the functionality of devices.

Dr.Y.Amar Babu, Head, Department of ECE, has formally inaugurated the club by explaining the students about the significance of Reconfigurable Computing. In his welcome address, he mentioned that electronic waste is becoming a serious problem to the society and must be handled with utmost care. It was also told that the students be equipped with expertise on various platforms in the competitive world. The events that will be conducted under the technical club should be effectively utilized by each, as told by the Head. Later, dean of Academics, Dr E.V.Krishna Rao addressed the students by explaining them the significance of conducting such events. Prof. B.Ramesh Reddy, In charge of Internal Quality Assessment Cell also shared his views and motivated the students for getting expertise in multiple fields.

On this occasion, the following events have been organized for student skill up gradation.

- ❖ **Workshop on PCB design**
- ❖ **Awareness Programs on Internet of Things and Foreign Languages**
- ❖ **Communication skills**

Total of 306 students from 2nd ,3rd and 4th year have participated in the above mentioned events.

Workshop on PCB Design

Any electronic circuitry that is designed must be compactly imported on to a board in the process of designing. The layout and the interconnects should be optimally planned that results in such a board where there exist no problems in near future. A printed circuit board (PCB) mechanically supports and electrically connects electronic components or electrical components using conductive tracks, pads and other features etched from one or more sheet layers of copper laminated onto and/or between sheet layers of a non-conductive substrate. Components are generally soldered onto the PCB to both electrically connect and mechanically fasten them to it. Printed circuit boards are used in all but the simplest electronic products. They are also used in some electrical products, such as passive switch boxes. Mr.C. Sudhakar Reddy, Founder, SCR technologies has provided hands on training to students on PCB design. The various steps in the layout preparation and final design are elaborated to students.

Orientation Program   on Internet of Things

       The Internet of Things (IoT) is the network of physical devices, vehicles, home appliances, and other items embedded with electronics, software, sensors, actuators, and connectivity which enables these things to connect and exchange data, creating opportunities for more direct integration of the physical world into computer-based systems, resulting in efficiency improvements, economic benefits, and reduced human exertions. Mr.P.Jyothi Swaroop, Trainer & Developer, Andhra Pradesh State Skill Development Centre (APSSDC) has given a bird's eye view on IoT. The students were educated about automation and how IoT can replace human involvement in various fields. It was told that student can select any one domain within IoT and become experts in that filed.

Awareness Program on Foreign Languages

       An awareness program on foreign languages has tried to guide students about the need for being multilingual In today's era, multilingualism has become more than just important. Knowing a foreign language other than one's native language has evolved to be extremely beneficial. Whether viewed from the financial or social aspect, being able to communicate in a foreign language helps to make 'real' connection with people and provides a better understanding of language. Dr.Venkata Poola Bala ,visiting professor, Acharya Nagarjuna University has given several tips for learning any language. The students were told that instead of practicing several years , one can learn any language by following relevant approaches.

       All the events were winded by felicitating Dr. Venkata Poolabala by Dr.Y.Amar Babu and Dr.E.V.Krishna Rao.