

STUDENTS ARTICLES WOMEN EMPOWERMENT



Women's empowerment is a movement involving respect, honour and recognition toward all Women. Empowerment can be defined in many ways, however, when talking about women's empowerment, empowerment means accepting and allowing people

(women) who are on the outside of the decision-making process into it. "This puts a strong emphasis on participation in political structures and formal decision-making and, in the economic sphere, on the ability to obtain an income that enables participation in economic decision-making. Women's empowerment and achieving gender equality is essential for our society to ensure the sustainable development of the country.

-SHAIK MEHAIK II ECE-C

VIRTUAL AND AUGMENTED TECHNOLOGY



Augmented Reality (AR) and Virtual Reality (VR) are a part of these advanced and innovative forms of technologies that were thought as a part of fiction even a few years ago. But now they are a vital part of the daily reality. The biggest confusion in

the world is the difference between Augmented Reality and Virtual Reality. Augmented Reality is a synthetic, computer simulated reality or recreation of a real-time environment where a user can interact with the replicated real environments, whereas Virtual Reality is completely immersive. It immerses the user by making them feel that they are experiencing the real environment not the simulated one by means of auditive, visual, and tactual simulations.

BAYANA ABHISHEK II ECE-C

LOW COST INTELLIGENT WHEELCHAIR EMBEDDED PROJECT

The main aim of this project is to design of low-cost intelligent wheelchair. This chair is designed for physically disabled persons. It designed to control devices and to ask others their minimum basic needs like water, food etc. wheelchair movement is controlled by using MEMS sensor which attached to their hands based on hand movement the direction wheelchair is changed. If the hand moves towards right wheelchair move right direction if hand moves towards left it moves towards left. The movement of the wheelchair is done by using motors connected to the controller through driver IC. To wheel chair two modes (Mode0, Mode1) particular mode can be selected by using push button. Keys are used to control the devices when it is one mode and in same way same keys are used to tell his basic requirements through voice using APR9600 voice IC. Devices are connected to controller through relays. The communication between wheel chair and devices controlling board is done by using RF technology.

-D. VIJAYA LAKSHMI II ECE-C

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