Assistive Technology Lab (ATL)

The Assistive Technology Lab (ATL) in Vishnu Institute of Technology, Bhimavarm, WestGodavari district, Andhra Pradesh which is in collaboration with UMass, Lowell is a part of Sri Vishnu Educational Society and is a vision of Mr. K. V. Vishnu Raju, the Chairman of SVES, to utilize the skills of every engineering department of the college for the development of Assistive Technology.

During his visit to many universities in the United States, one thing that ignited his mind was the Assistive Technology Program at University of Massachusetts, Lowell. Assistive Technology Lab in VIT is thus a result of his progressive thinking, which paved the way for a MOU between the University of Massachusetts and VIT. He initiated the program by inviting Professor Alan Rux, founder of the Assistive Technology Program at the University of Massachusetts, Lowell, USA to VIT.

ATL works for a very unique and a noble cause of designing projects by the students of VIT to benefit the differently-unable. This is small but a definite step to mainstream people with disabilities into society. According to Prof. Alan Rux, engineering students all over the world should be encouraged to undertake various projects in the field of Assistive Technology and make its impact felt.

ATL Activities Schedule

➢ At the starting of the ATL we have taken the students based on their performance shown in the four rounds of tests conducted in the ATL.

- Round-1: Written test on core subjects
- Round-2: Circuit analysis
- Round-3: Test logical thinking ability
- Round-4: Capability solving the problems

➢ Conducting Bridge course nearly 1 month on different subjects related to ATL (EDC,MPMC, STLD,Electrical Machines, Embedded C, Testing and Development Tools, Analog Discovery kit).

➢ Client Visit and taking the inputs for their requirements

➢ Brain storming sessions to identify the solutions for the client problems

➢ Design, implementation and testing of the prototype model.

➢ Donated to the clients on Dec-3rd of every year.

➢ ATL is running from 5-00 pm to 9-00 pm. During the peak time of the projects we stay late nights also.

ATL Clients

1. Center for Visually Challenged, Bhimavaram

2. Sri Venkateswara Deaf and Dumb School, Bhimavaram

3. ArunodayaManovikasaKendram, Bhimavaram

4. Anjali School for Physically and Mentally Challenged, Palakollu

5. Andhra Blind School, Narsapuram