INVERTIS UNIVERSITY, BAREILLY

7.1.7.4   Assistive technology and facilities for persons with disabilities

The systems and services that are associated with the provision of assistive technology and services are referred to collectively as "assistive technology." Listening devices, wheelchairs, correspondence helps, spectacles are instances of assistive products. With the appearance of data and correspondences innovation (ICT), new expectations are arising for PwDs. In spite of the enormous obstacles, sincere efforts are being made to use ICT to overcome disability-related obstacles. For disabled people's social inclusion, the information society presents both significant opportunities and potential new obstacles.

Information and communications technology and assistive technology offer new opportunities for everyone, but these opportunities are specifically more significant for PwDs, who use assistive technology for their betterment. Invertis University takes care of persons with disability by providing them assistive technology like digital notice boards and online learning facilities. It is vital that people are able to benefit on an equal basis from the rapid development of ICT, to enable them to partake in an inclusive and barrier-free environment in the university.

Following are the details of different assistive technology used for persons with disabilities:

1. Orell Talk

Invertis University has installed Orell talk which is the most advanced and ultimate new gen version of Language Lab software. Its benefits can also help the students with disabilities to learn without any barrier. It works on computer as well as mobile phones that allow the students to enhance LSRW skills. It imparts skills involved in learning English through a multimedia platform with ample training and practice. This is a proven method to help the non-native speakers to enhance language acquisition skills right from the school level itself using various multi-media tools.

2. NPTEL Courses and LinkedIn Learning

NPTEL and LinkedIn Learning are examples of the platforms used to impart online education that help all the students especially the specially abled students. The distance learning home is accessible to students with disabilities. Distance courses allow students with disabilities to continue living at home while they are studying, to share documents, lessons, exchange ideas and make presentations. Using a computer is a common component of the studying process.

3. Smart Boards

The classrooms at Invertis University are equipped with smartboards. They equally benefit students with learning or cognitive disabilities, hearing or vision difficulties and

mobility limitations, as well as students who face a language barrier. Students with vision difficulties, for instance, have an easier time reading from an interactive whiteboard since the text can be expanded, highlighted or bolded. Teachers can also supplement with audio so students can listen to their lessons rather than having to see across the room. This is especially useful for children who have dyslexia or otherwise struggle with reading. Teachers can record lessons on the smartboard so students can watch them again in smaller, bite-sized chunks and take their time mastering a new concept.

4. Digital Notice Boards

Invertis University has installed digital notice boards in all academic buildings which are a cutting-edge solution that combines the traditional concept of a bulletin board with modern technology. It provide a seamless, interactive platform for sharing circulars, announcements, and other important information.

5. ERP System

Students who cannot attend classes due to their mobility issues or students with hearing impairment can access the ERP system of Invertis University to get the important information like e-circulars, notices, event updates, examination schedules etc.

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