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Assistive Technology and Universal Design

Universal design and Assistive technologies make it possible for all the students with disabilities to access education without hindrances due to their disabilities equally. Universal designs achieve this purpose by providing an environment that is easily accessible and usable by students with disabilities without adding any unique designs to accommodate disabled students (University of Washington, 2021). Similarly, assistive technologies also help the students with various disabilities to achieve education by aiding them to move, read and attend lectures in higher learning quickly.

For the faculty to enable easy learning for the students with disabilities, they should ensure that they apply the universal design principles, utilize media instructions on the UD use and create awareness of assistive technologies within the faculty. The universal design principles that include simplicity, flexibility, and error tolerance facilitate and enhance students' learning with disabilities (Sonoma, 2020). Additionally, the utilization of media instructions concerning universal design enables the faculty to have a vast knowledge of universal design usage. Lastly, the creation of awareness by the faculty concerning the availability and use of assistive technology makes the faculty, students and the staff knowledgeable. They might require the technologies to be knowledgeable about the existence of the AT in the faculty.

The knowledge of or exposure to the AT is essential for the faculty's designation of more accessible courses. The availability of AT makes it possible for the faculty to design courses accessible to students with disabilities by providing an equal opportunity to access learning (Open edX, 2021). Thus, the AT in the faculty is essential for promoting equality and equity in higher learning to all students.

My college promotes the UDI techniques with faculty by constructing buildings that can be accessed by students with disabilities using wheelchairs and also preserving special front seats for the said students. Easy accessibility of the university buildings makes easy movements of the said students in the university. Similarly, the specialized front seats make it possible for disabled students not to be blocked by other students while attending lectures.

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