

Especially Women and Children. Retrieved from <https://www.unodc.org/documents/treaties/UNTOC/Publications/TOC%20Convention/TOCebook-e.pdf>

3. International Labour Organization. (2017). Global Estimates of Modern Slavery: Forced Labour and Forced Marriage. Retrieved from https://www.ilo.org/wcmsp5/groups/public/---dgreports/--dcomm/documents/publication/wcms_575479.pdf

USING IT TO IMPROVE THE RELATIONSHIP BETWEEN REPUBLIC OF YEMENI UNIVERSITY STUDENTS' SELF-CONCEPT AND ADAPTATION

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Abstract: The relationship between self-concept and adaptation is crucial for university students, as it affects their academic performance and overall well-being. In the Republic of Yemen, where students face unique challenges due to sociopolitical factors, leveraging Information Technology (IT) can play a significant role in enhancing this relationship. This report explores the potential of IT in improving the self-concept and adaptation of Yemeni university students. It discusses the use of online platforms for self-expression, virtual communities for social support, e-learning for academic development, and digital resources for career guidance. By harnessing IT, Yemeni universities can empower their students, foster a positive self-concept, and facilitate successful adaptation to the academic environment.

Key words: self-concept, adaptation, university students, Information Technology, online platforms, virtual communities, e-learning, career guidance, Republic of Yemen.

Introduction

The self-concept and adaptation of university students are interconnected factors that significantly impact their academic success and overall well-being. In the Republic of Yemen, where students face unique sociopolitical challenges, utilizing Information Technology (IT) can be a valuable tool in improving this relationship. This report explores the potential of IT in enhancing the self-concept and adaptation of Yemeni university students. By leveraging online platforms for self-expression, virtual communities for social support, e-learning for academic development, and digital resources for career guidance, Yemeni universities can empower their students and facilitate their successful adaptation to the academic environment. [1].

Results and discussion

IT offers various online platforms that enable Yemeni university students to express themselves creatively and build a positive self-concept. Blogging, vlogging, and social media platforms provide spaces for students to share their thoughts, experiences, and talents with a wider audience. By encouraging self-expression through digital media, students can develop a sense of identity, gain self-confidence, and connect with like-minded individuals. These platforms also foster a sense of belonging and promote positive self-perception, leading to improved adaptation and overall well-being [1-2].

IT facilitates the creation of virtual communities where Yemeni university students can seek social support and engage with peers facing similar challenges. Online forums, discussion boards, and social networking groups provide platforms for students to connect, share experiences, and receive emotional support. These virtual communities can help alleviate feelings of isolation, enhance social integration, and promote a sense of belongingness among students. By establishing supportive networks through IT, students can improve their self-concept and adapt more effectively to the university environment [3].

IT-based e-learning platforms offer Yemeni university students opportunities to enhance their academic skills and knowledge. Online courses, educational websites, and digital libraries

provide access to a vast array of educational resources that can supplement traditional classroom learning. By engaging in self-paced learning and accessing multimedia content, students can develop a sense of competence, boost their self-efficacy, and improve their academic performance. E-learning through IT promotes adaptive learning strategies and empowers students to take control of their education [4].

IT plays a critical role in providing Yemeni university students with career guidance and exploration opportunities. Online career assessment tools, job portals, and professional networking platforms enable students to explore various career paths, identify their strengths and interests, and make informed decisions about their future. Access to digital resources for career planning enhances students' self-concept by aligning their academic pursuits with their career goals. IT-based career guidance equips students with the necessary skills and knowledge to adapt to the demands of the job market.

Conclusion

Utilizing Information Technology (IT) presents a significant opportunity to enhance the self-concept and adaptation of Yemeni university students. By leveraging online platforms for self-expression, virtual communities for social support, e-learning for academic development, and digital resources for career guidance, Yemeni universities can empower their students and facilitate their successful adaptation to the academic environment. IT-based interventions have the potential to strengthen students' self-concept, foster a sense of belongingness, and improve their overall well-being. Embracing IT in higher education settings in the Republic of Yemen can pave the way for a more supportive and empowering learning environment.

References

1. Al-Ghazo, A. M., et al. (2020). The impact of social media on university students' self-concept and academic performance. *International Journal of Information and Education Technology*, 10(8), 564-570.
2. Al-Dheleai, Y. M., et al. (2018). The impact of e-learning on academic performance: A case study of Yemeni universities. *International Journal of Emerging Technologies in Learning*, 13(11), 119-129.
3. Al-Khanbashi, A. N., et al. (2019). The role of social media in career development: The case of Yemeni university students. *Journal of Education and Learning*, 8(5), 1-10.
4. Al-Mahy, I., et al. (2017). The impact of social media on self-esteem and psychological well-being among Yemeni university students. *International Journal of Applied Sociology*, 7(2), 26-36.

EMPLOYING APERIO ALGORITHM PROGRAM IN HISTOLOGICAL CHANGE EXAMINATION

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Abstract: In this study report, we shed light on employing APERIO algorithm program in stomach tissue examination and it enables quantification of specific colors in tissue sections and provides automated digital image analysis that enhances performance monitoring and precise assessment of IHC staining. The program's benefits include reproducibility, efficiency, and increased sensitivity in detecting nuanced changes.

Key words: Aperio algorithm, medical, digital image, tissue examination.

Introduction

Aperio scan Scope™ program are used to quantify the amount of a specific colour in a tissue section. This system has a set of default input parameters which have been configured for brown color quantification in the three intensity ranges degrees which are weak positive, positive and strong positive [1]. This report aims this report aims to explore the advantages and applications of