



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE











The University of Tabuk recognizes that investments in infrastructure covering transport, irrigation, energy, information and communication technology are fundamental to driving sustainable development and empowering communities globally. Aligned with this vision, the university hosts several specialized research and innovation centers, such as the Artificial Intelligence and Sensing Technologies Research Center, the Renewable Energy and Environmental Technology Center, and the Innovation and Entrepreneurship Center. These centers play a vital role in advancing knowledge, fostering innovation, contributing practical solutions to pressing local and global challenges.

https://www.ut.edu.sa/research/research-centers-and-chairs













9.1 Research on industry, innovation and infrastructure

The University of Tabuk has made significant contributions to research, particularly in the areas of industry, innovation, and infrastructure, as reflected by its growing number of publications.

Alhakamy, A. (2024). Extended Reality (XR) toward building immersive solutions: The key to unlocking Industry 4.0. *ACM Computing Surveys*

Singh, R., Kumar, K., & Khan, S. (2024). A comprehensive view of artificial intelligence (AI)-based technologies for sustainable development goals (SDGs). *Artificial Intelligence Enabled Management: An Emerging Economy Perspective.*

Abumelha, H. M., Pashameah, R., Sari, A. A. A., et al. (2024). Remarkable photocatalytic activity of MWCs supported on PVF in recycling, solar and photodegradation processes for commercial dyes and real industrial wastewater. *Optical Materials*.

This showcases the university's role in advancing research in sustainable technologies and infrastructure.







The University of Tabuk also recognizes the value of workshops focused on technology commercialization, which provide essential insights into translating research innovations into marketable solutions.



