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جامعة تبوك
University of Tabuk

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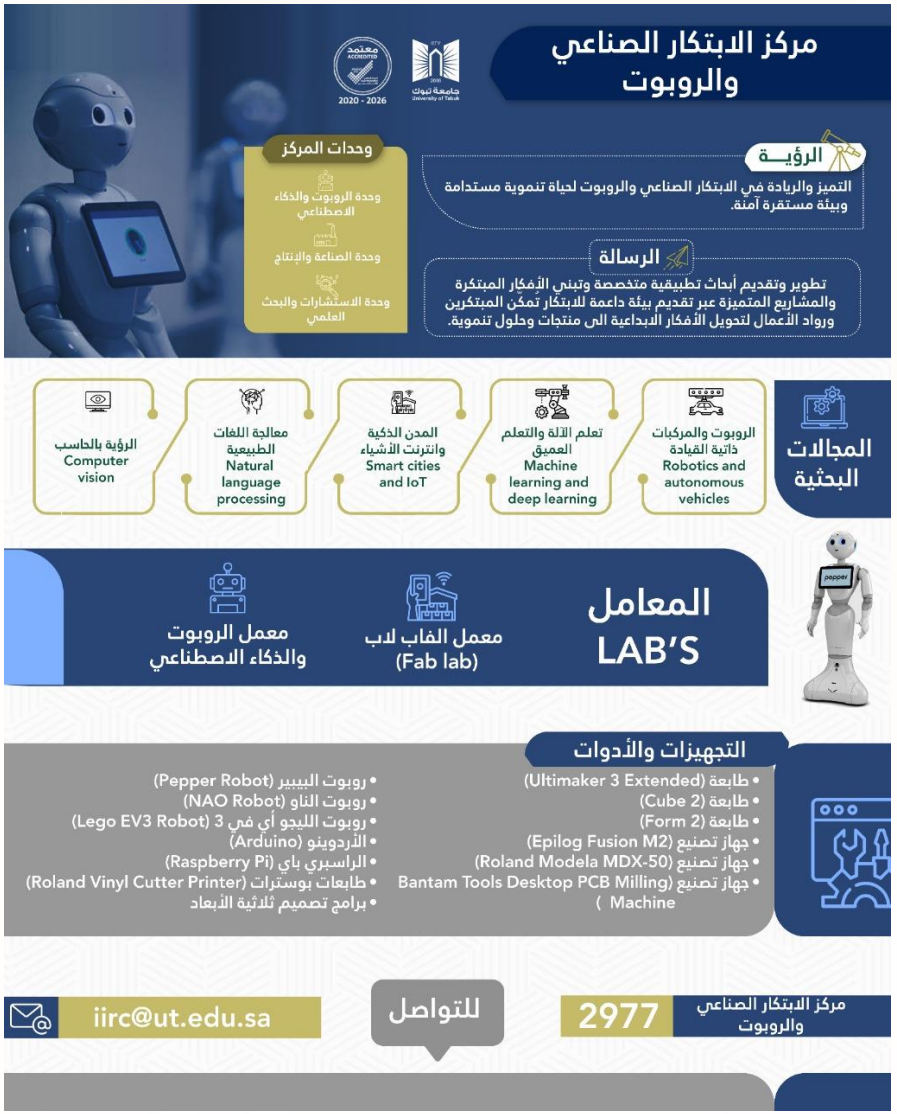
SDG 9: Industry, Innovation and Infrastructure

The University of Tabuk recognizes that investments in infrastructure—spanning transport, irrigation, energy, and information and communication technology—are essential to achieving sustainable development and empowering communities worldwide. In line with this vision, the university is home to a range of research and innovation centers, including the Artificial Intelligence and Sensing Technologies Research Center, the Renewable Energy and Environmental Technology Center, and the Innovation and Entrepreneurship Center, all of which play a pivotal role in advancing knowledge and fostering innovation in their respective fields

- Artificial Intelligence and Sensing Technologies Research Center https://www.ut.edu.sa/ar/Centers/Artificial-and-Sensing/Pages/default.aspx
- Renewable Energy and Environmental Technology Center https://www.ut.edu.sa/ar/Centers/reeec/Pages/default.aspx
- Innovation and Entrepreneurship Center https://www.ut.edu.sa/ar/Centers/leadingbusinesses/Pages/default.aspx



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.

- **Zhang, Z., Altalbawy, F.M., Al-Bahrani, M. and Riadi, Y., 2023.** Regret-based multi-objective optimization of carbon capture facility in CHP-based microgrid with carbon dioxide cycling. Journal of Cleaner Production, 384, p.135632.
- **Ayaz, M., Namazi, M.A., ud Din, M.A., Ershath, M.M. and Mansour, A., 2022.** Sustainable seawater desalination: Current status, environmental implications and future expectations. Desalination, 540, p.116022.
- **Ayaz, M., Namazi, M.A., ud Din, M.A., Ershath, M.M. and Mansour, A., 2022.** Sustainable seawater desalination: Current status, environmental implications and future expectations. Desalination, 540, p.116022.

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