



# 9 INDUSTRIES, INNOVATION AND INFRASTRUCTURE





## 9. Industry, Innovation and Infrastructure

### 9.1. University Spin-Off Support

#### (Spin-Off Project Mentorship and Support)

Palestine Ahliya University (PAU) is committed to fostering innovation and entrepreneurship by supporting spin-off projects that emerge from academic research and innovations within the university community. This includes providing a nurturing environment for these initiatives to thrive. Key actions involve allocating additional financial resources to assist spin-off projects during their early stages, offering specialized training programs and workshops for aspiring entrepreneurs, and strengthening partnerships with external entities to secure additional funding opportunities. Through these efforts, PAU empowers spin-off projects, driving innovation and contributing to the broader entrepreneurial ecosystem.

### 9.2. Industrial and Commercial Research Funding and Revenue Enhancement

#### (Industry and Commerce Research Partnership Development)

PAU is dedicated to increasing research funding by cultivating partnerships with industrial and commercial sectors, aimed at driving innovation, supporting sustainable development, and generating revenue from research projects. To strengthen these efforts, PAU is developing strategies to attract new partnerships, providing incentives for researchers and faculty members who secure research contracts, and establishing a database to monitor and evaluate the effectiveness of research collaborations. This approach ensures continuous improvement in research partnerships, fostering mutual benefits that enhance both academic and industry outcomes.

### 9.3 Academic Resources and Targeted Research Expansion

#### (Academic Resources Allocation by Subject Area)

PAU is committed to advancing academic resources and research in strategic fields that foster academic innovation and address industry and community needs. This includes prioritizing the development of key academic disciplines by ensuring optimal allocation of resources and faculty support, thus strengthening both research and educational capacities. Key initiatives involve regular reviews to assess resource requirements across disciplines, reinforcing partnerships with industry and community organizations to support the expansion of strategic fields, and promoting continuous development and training programs for faculty. These efforts ensure a dynamic and forward-thinking academic environment that aligns with both local and global demands.

### 9.4. Strategic Key Performance Indicators (KPIs)

SN	KPI	2021/2022	2022/2023	2023/2024
1.	Supported Spin-Offs	89%	91%	94%
2.	Industrial Research Income	91%	93%	96%
3.	Industry Research Contracts	92%	94%	97%
4.	STEM Academic Staff	94%	96%	99%
5.	Medicine Academic Staff	94%	96%	99%
6.	Arts & Humanities Staff	93%	95%	98%



## 9.5. Activities and initiatives achieved (2023/2024)

SN	Activities / Initiatives	Link
1.	Equal Access to Academic Programs	<a href="#">GO</a>
2.	Equality Workshop	<a href="#">GO</a>
3.	Activity for People with Disabilities: More Opportunities	<a href="#">GO</a>

## 9.6. SDG Scientific Research (2023)

SN	Article Name	Link
1.	Jaradat, O., Shakarna, M., Gadri, K., Suleiman, H., Khattab, M., Sirhan, A., & Guettala, A. (2024). Sustainable valorisation of sand concrete properties using quarry waste as crushed sand. Asian Journal of Civil Engineering, 25(7), 5533-5546.	Click
2.	Shehadeh, H., Al-Manshawi, A. B. J., Ajouz, M., & Kanan, M. (2024). The Impact of Supply Chain Management Practices on Total Quality Management in Industrial Companies. In Business Analytical Capabilities and Artificial Intelligence-enabled Analytics: Applications and Challenges in the Digital Era, Volume 2 (pp. 399-413). Cham: Springer Nature Switzerland.	Click