

ORIC FIVE YEAR PLAN 2021-2025



**OFFICE OF RESEARCH INNOVATION &
COMMERCIALIZATION (ORIC)**



UNIVERSITY OF THE PUNJAB
Quaid-e-Azam Campus
Lahore

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Executive Summary

Established in Lahore in 1882, the University of Punjab is the largest and the oldest seat of higher learning in Pakistan. It was the first to be established in the sub-continent in a Muslim majority area.

Located in the historical and culturally alive city of Lahore, this university has played a leading role in spreading higher education in the country. The University strives to provide a conducive environment for the pursuit of academic activities. On account of its highly qualified and internationalized faculty, pleasant environment, and low tuition fees, the university remains the institution of the first choice for students. The University comprises five campuses, 19 Faculties, 10 Constituent Colleges, and 137 departments, centers, and institutes.

The 19 faculties at University of the Punjab not only allow to gather different field under one roof, but, also provide a platform where people from all over the Pakistan live and work together for a common cause. Pakistan has four provinces and each of them are different in culture and language. University of the Punjab permit and facilitate the people from different ethnic groups. Also, the establishment of the Regional Integration Center made it possible for the University to become the central hub to share research and cultural activities within the south Asian region.

The University of the Punjab objective to promote culture of applied research and bring innovation in all the fields and among cultures of different ethnic groups is also the core objective of the ORIC.

Introduction

Offices of Research, Innovation, and Commercialization (ORICs) have been introduced to support and organize research and commercialization activities at Universities.

Vision

“Bring innovation in all the fields, from Arts to Science.”

Mission

“Support University of the Punjab to become a central hub of innovation, high impact applied research, and entrepreneurship for the country.”

Objectives:

- Enhance research quality, relevance, and competitiveness, and promote innovation and commercialization among the 19 faculties of University of the Punjab.
- Support university-based research through strategic planning, streamlining of internal process, establishing and monitoring of standards, mobilizing resources for research, publicizing research achievements, identification of synergies, and development of relationships with key external partners.

ORIC Responsibilities

- A one-stop office for providing information about the available research opportunities, and play the role of advisor for supporting, and monitoring quality of research.
- Establishment of faculty members collaboration with potential users of research in government, industry, and communities.
- Facilitate the Mobilization of resources for research from national and international funding bodies.
- Actively take part in the establishment and activities of ethical institutional review board (IRB) as a member.
- Not only prepare and implement the university's IPR policy but also identify the potential research outputs for commercialization.

Services Offered at ORIC

Fund raising for research	Link faculty with relevant industry
<ul style="list-style-type: none"> • Provide information to faculty about various available research grants offered by University and other agencies (Govt. and Private) 	<ul style="list-style-type: none"> • Interface between faculty and the commercial sector
Workshops/Training Sessions	Invention to Innovation Summit
Offer various programs for faculty and scholars to improve research skills by learning new research tools.	Conduct Invention to Innovation Summit every year that enable faculty and researchers to showcase technology/skills developed as a result of research
University Research Grant	Competitive Research Grant
Facilitate the process to call proposals from University of the Punjab (from University Budget) Keep record of the all the projects announced, issued and completed.	Offer competitive research grants for the faculty members on the pattern of NRPU and GCF to promote applied Research Culture.

ORIC Five year plan 2021-2025

To Strengthen Research Support Activities

Short-Term goals

- Arrange workshops and seminars as per faculty requirement to enhance the human resource skills and capability

Medium-Term Goals

- Work on to provide latest labs accreditations from certified bodies.

Yearly Objective

- Set up a target to achieved at least 25 projects from each HEC and Non-HEC based funded Research Projects Calls.

Long-Term Goals

- Intend to successfully close all the open projects of NRPU by the end of 2024 (issued before 2019-2020 call).
- ORIC has proposed plan for research funding in the meeting of Research Evaluation Committee to start Competitive Research Program for faculty member amount of Rs. 2 million.

To Promote Innovation and Commercialization Culture

Yearly Goals

- Arrange idea competition on faculty basis to invite respective industry to enhance industry-academia linkages.
- Implement Intellectual Property Policy (**Annexure C**) and revise on yearly basis to improvement.

Long-Term Goals

- Identify faculty propose feasible technology (e.g. Stem Cells, extraction of expansive industrial material from agriculture waste) and products (i.e., Essential oils) that can commercialize in future (**Annexure B**).

To Strengthen Industry-Academia Linkages

Medium-Term Goals

- Arrange Quarterly meetings for ORIC Steering Committee to revise established KPIs.
- Arrange monthly meetings with each faculty to identify the areas and expertise that can be commercialize while using limited resources. This activity will help to generate resources and employment opportunities.

Long-Term Goals

- Establish online database to keep record of faculty members that help to create liaison with suitable industry.
- Establish strong ties with all the chamber of commerce.