



Office of
**Research, Innovation
& Commercialization**



ORIC E-Newsletter

July-September, 2025

Volume 3, Issue 3

Insight the Newsletter

- 01 Research Excellence
- 02 Commercialization & IPs
- 03 Industry-Academia Linkages
- 04 Entrepreneurship & Startups
- 05 Infrastructure & Core Facilities
- 06 Internationalization



+92-42-35880007

oric@ucp.edu.pk 1 - Khayaban-e-Jinnah Road,

Johar Town, Lahore.

TABLE OF
CONTENTS

1. Director’s Message

03

2. Introduction

04

3. UCP ORIC Steering Committee Meetings

05

4. Research Excellence

Top Cited Researchers.....	06
UCP Research Publication	07
UCP Research Journals.....	07
International Symposium at UCP.....	08
Call for Proposals.....	09
NRPU Submitted Projects	11

06

5. Commercialization & IPs

ORIC Strategic Role in Commercialization	15
--	----

15

6. Industry-Academia Linkages

16

7. Entrepreneurship & Startups

22

8. Infrastructure & Core Facilities

31

9. Internationalization

31

Director's Message

The Office of Research, Innovation, and Commercialization (ORIC) at the University of Central Punjab continues to advance its mission of fostering academic excellence, driving research innovation, and promoting entrepreneurial growth. The July–September 2025 quarter was marked by dynamic initiatives, faculty engagement, and strategic collaborations that reflect UCP's growing impact in research and knowledge commercialization.



During this period, ORIC successfully conducted the 21st Steering Committee Meeting, where the UCP Five-Year Strategic Plan (2025–2029) was approved, setting clear directions for research excellence, commercialization, and internationalization. The launch of the Internal Research Grant Program (IRGP), alongside several national and international research submissions, underscores our commitment to enabling high-impact and commercially viable research.

This quarter also highlighted our dedication to faculty capacity building and innovation-led learning. ORIC organized workshops on Research Proposals and Grants, and Patents & Commercialization, as well as hands-on Generative AI Training Sessions for over 200 UCP faculty members. Additionally, the certified Summer Course on Entrepreneurship: From Idea to Startup Launch provided aspiring entrepreneurs with practical exposure to innovation, product development, and startup creation.

Our efforts to strengthen industry–academia linkages were reinforced through multiple MoUs, Faculty Industry Placement Program (FIPP) meetings, and collaborative visits with industrial partners such as Agrimore Pvt. Ltd., Sky Power Ltd., and Creative Group of Companies. These engagements continue to align academic research with market-driven needs, ensuring real-world impact and societal value.

I sincerely acknowledge the continuous support of the University's leadership, particularly Pro-Rector Dr. Hammad Naveed, along with the collective efforts of our faculty, researchers, and staff. Together, we are shaping a progressive research ecosystem at UCP—one that transforms ideas into innovation, knowledge into enterprise, and research into impact.

Professor Dr. Muhammad Akhyar Farrukh
Director ORIC

OUR VISION AND MISSION

Vision: To be the catalyst of transformative research and innovation that shapes industries, empowers entrepreneurs, and delivers real-world impact.

Mission: To drive UCP's research excellence through strategic partnerships, IP generation, and sustainable commercialization, fostering a future-ready ecosystem where ideas evolve into enterprises.

Introduction

The Office of Research, Innovation and Commercialization (ORIC) at the University of Central Punjab (UCP) serves as a vital platform to promote and support research, innovation, entrepreneurship, and industry-academia collaboration.

It plays a key role in strengthening the research culture at UCP by facilitating faculty, researchers, in conducting high-quality research that aligns with national priorities and global standards.

ORIC UCP works to develop a sustainable ecosystem where academic knowledge can be translated into impactful solutions.

It fosters interdisciplinary research, supports proposal development, assists in securing research grants. The office also monitors the progress of funded projects and provides guidance to ensure successful outcomes.

A significant aspect of ORIC's mission is to bridge the gap between academia and industry. Through various initiatives, including seminars, workshops, research expos, and innovation challenges, ORIC encourages entrepreneurial thinking and commercialization of research. It also helps in the protection and management of intellectual property (IP), enabling innovators to patent their ideas and bring them to market.

ORIC also actively collaborates with national and international partners to open avenues for joint research, faculty development, and funding opportunities. It provides a structured platform for technology transfer, startup incubation, and industry consultancy, empowering UCP to contribute meaningfully to economic and societal development.



Steering Committee Meeting:

21st ORIC Steering Committee Meeting

Held on August 27, 2025

The 21st ORIC Steering Committee Meeting, chaired by Prof. Dr. Muhammad Akhyar Farrukh, Director ORIC, on behalf of Dr. Hammad Naveed, Pro-Rector UCP, brought together senior faculty and industry representatives, including Shafi Reso Chemical (SRC Pvt. Ltd.), Vital Management Services, Augment HQ LLC, and UCP leadership, to review ORIC's progress, approve the Five-Year Strategic Plan (2025–2029), and set directions for research, commercialization, and global engagement.

At a Glance

- 35 PhD Supervisor Verifications
- 2 Journals Published
- 15 Concept Papers Submitted to PHEC
- 1 New IP Filed
- 6 New MoUs Signed
- 2-Week Startup Course Completed

Upcoming Activities

- Internal Research Grant Program (IRGP) – PKR 1M funding.
- FAST–UCP Sustainability Award 2025.
- 4th Technical Workshop on EndNote & Generative AI.
- UCP at SPACE CAMP 2025 with SUPARCO.

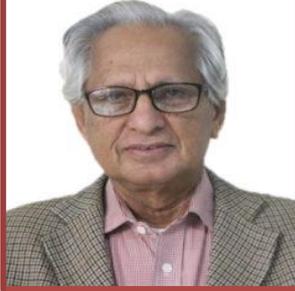
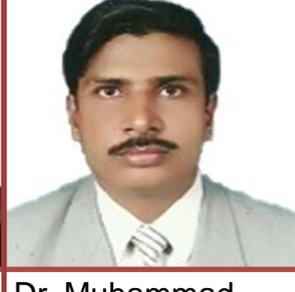
Key Decisions & Achievements

- Strategic Plan Approved – Six pillars: Research, Commercialization & IP, Industry Linkages, Startups, Infrastructure, Internationalization.
- Research Excellence – 15 publications, PhD supervision verified, new journal issues published.
- Commercialization & IP – 91 IPs filed to date; 34 responses submitted to IPO.
- Industry Linkages – **MoUs** with PILDAT, Trial 360, SLIIT, Pakistan International Printers, 365 News, MMfD. **FIPP**: Multiple Faculty Industry Placement Program (FIPP) meetings to boost collaboration across various fields. **Site Visits**: Coordinated industry sessions with Sky Power Ltd., Agrimore Pvt. Ltd., and Creative Group.
- Entrepreneurship – Summer Course & Workshops on Grants/Patents.
- Internationalization – MoU with SLIIT, Sri Lanka.



Pillar 1: Research Excellence

Top Cited UCP Researchers

				
<p>Dr. Muhammad Naveed</p> <ul style="list-style-type: none"> • Professor, FOST • Citations: 19995 • H-Index: 41 • i10-Index: 112 	<p>Dr. Jawad Abbas</p> <ul style="list-style-type: none"> • Assistant Professor, FOMS • Citations: 8384 • H-Index: 40 • i10-Index: 104 	<p>Dr. Sumaira Zaib</p> <p>Professor, FOST</p> <p>Citations: 5240</p> <p>H-Index: 41</p> <p>i10-Index: 118</p>	<p>Dr. Ghulam Jilany Khan</p> <ul style="list-style-type: none"> • Associate Professor, FOPS • Citations: 18016 • H-Index: 40 • i10-Index: 104 	<p>Dr. Muhammad Akhyar Farrukh</p> <ul style="list-style-type: none"> • Professor/HoD Director ORIC, FOST • Citations: 3647 • H-Index: 35 • i10-Index: 79
				
<p>Dr. Muhammad Jamshaid</p> <ul style="list-style-type: none"> • Professor, FOPS • Citations: 2817 • H-Index: 33 • i10-Index: 64 	<p>Dr. Muhammad Zaman</p> <ul style="list-style-type: none"> • Associate Professor, FOPS • Citations: 2726 • H-Index: 26 • i10-Index: 87 	<p>Dr. Saira Andleeb Gillani</p> <p>Professor, FOIT & CS</p> <p>Citations: 2676</p> <p>H-Index: 19</p> <p>i10-Index: 25</p>	<p>Dr. Shahid Saeed Siddiqi</p> <ul style="list-style-type: none"> • Professor, FOST • Citations: 2241 • H-Index: 30 • i10-Index: 59 	<p>Dr. Ahmed Faisal Imtiaz Siddiqi</p> <ul style="list-style-type: none"> • Professor, FOMS • Citations: 2102 • H-Index: 19 • i10-Index: 28
				
<p>Dr. Raja Irfan Sabir</p> <ul style="list-style-type: none"> • Associate Professor, FOMS • Citations: 1815 • H-Index: 22 • i10-Index: 39 	<p>Dr. Muhammad Riaz</p> <ul style="list-style-type: none"> • Assistant Professor, FOST • Citations: 1724 • H-Index: 20 • i10-Index: 40 	<p>Taimoor Hassan</p> <p>Senior Lecturer, FOIT & CS</p> <p>Citations: 1656</p> <p>H-Index: 20</p> <p>i10-Index: 28</p>	<p>Dr. Babar Hussain</p> <ul style="list-style-type: none"> • Assistant Professor, FOST • Citations: 1559 • H-Index: 18 • i10-Index: 23 	<p>Dr. Mahtab Ahmad Khan</p> <ul style="list-style-type: none"> • Dean/ Professor, FOPS • Citations: 1467 • H-Index: 16 • i10-Index: 29

					
Dr. Muhammad Saeed Shahbaz •Associate Professor, FOMS •Citations: 1406 •H-Index: 21 •i10-Index: 27	Dr. Sadaf Hameed •Assistant Professor, FOST •Citations: 1227 •H-Index: 18 •i10-Index: 22	Dr. Aqeel Ahmad Professor, FOMS Citations: 1203 H-Index: 17 i10-Index: 33	Dr. Hammad Naveed •Pro Rector, UCP •Citations: 1116 •H-Index: 19 •i10-Index: 31	Dr. Sanabil Yaqoob •Assistant Professor, FOST •Citations: 1027 •H-Index: 15 •i10-Index: 20	Dr. Ayesha Murtaza •Assistant Professor, FOST •Citations: 1015 •H-Index: 19 •i10-Index: 24

UCP Research Publications

Sr. No	Faculty Member's Name	Designation	Faculty	Category	Journal	Impact Factor	Title
1	Dr. Muhammad Naveed	Professor/HOD	FOST	W	Scientific Reports	3.9	Insight into molecular and mutational scrutiny of epilepsy associated gene Gabrg2 leading to novel computer-aided drug designing
2	Dr. Muhammad Naveed	Professor/HOD	FOST	W	Scientific Reports	3.9	Elucidating the synergistic role of hybrid peptide from Burkholderia cepacia enzymes in biodegradation of polycyclic aromatic hydrocarbons
3	Dr. Muhammad Naveed	Professor/HOD	FOST	Y	Open Medicine (Poland)	1.6	Exploration of mRNA-modifying METTL3 oncogene as momentous prognostic biomarker responsible for colorectal cancer development
4	Dr. Muhammad Saad Tariq Mirza	Senior Lecturer	FOST	X	International Journal of Quantum Chemistry	2	Oxygen Defects in Mg-Doped SrNbO ₃ Perovskites: Structural Insights, Electrical Behavior, and Thermal Analysis for Energy Conversion and Storage Applications
5	Rabia Arshad	Senior Lecturer	FOIT&CS	W	Alexandria Engineering Journal	6.8	Deep learning-driven multi-user wavelet NOMA for user centric cell-free massive MIMO communications
6	Dr. Huma Hameed	Assistant Professor	FOPS	W	Scientific Reports	3.9	Evaluating the efficacy of Chenopodium murale plant extract in inhibiting Streptococcus mutans and reducing dental caries risk

7	Dr. Muhammad Asad Saeed	Associate Professor	FOPS	W	Beilstein Journal of Nanotechnology	2.6	Aprepitant-loaded solid lipid nanoparticles: a novel approach to enhance oral bioavailability
8	Dr. Javed Iqbal	Professor	FOST	W	Biogerontology	4.1	Novel immunoinformatics-guided activation of CISD1 with compound 4'-methoxy-3',5,7-trihydroxyflavanone for the prevention of age-related cardiomyopathy
9	Dr. Jawad Abbas	Assistant Professor	FOMS	W	International Journal of Entrepreneurial Behavior & Research	4.7	From distractions to detox: analyzing how recovery experiences mediate the relationship between social cyberloafing and social sustainability
10	Dr. Riaz Ahmad Rana	Assistant Professor	FOE	W	International Journal of Energy Research	4.2	Improving the Efficiency of a Hybrid Grid System Through Nutcracker Optimization Algorithm Based TDFOP Control
11	Muhammad Zahid Hussain	Principal Lecturer	FOIT&CS	W	Scientific Reports	3.9	A fine-tuned convolutional neural network model for accurate Alzheimer's disease classification
12	Muhammad Zahid Hussain	Principal Lecturer	FOIT&CS	Y	Discover Oncology	2.9	Transfer learning for accurate brain tumor classification in MRI: a step forward in medical diagnostics
13	Dr. Muhammad Naveed	Professor/HOD	FOST	W	Scientific Reports	3.9	Development of a novel multiepitope vaccine against Menangle virus (MenV) using in-silico approaches by targeting its transmembrane proteins
14	Dr. Muhammad Naveed	Professor/HOD	FOST	W	Scientific Reports	3.9	Computational drug design for neurosyphilis disease by targeting Phosphoglycerate Kinase in Treponema pallidum with enhanced binding affinity and reduced toxicity
15	Dr. Arslan Tariq Rana	Associate Professor	FHSS	W	The World Economy	2.4	Social Clauses in Free Trade Agreements: An Efficient Tool to Improve Labour Standards?
16	Dr. Salma Batool	Associate Professor	FOST	X	Medical Oncology	3.5	Enhancing the therapeutic potential of FDA-approved ifosfamide and 5-fluorouracil through rational chemical modifications for endometrial cancer treatment
	Dr. Hira Mubeen	Associate Professor					
17	Dr. Muhammad Saad Tariq Mirza	Senior Lecturer	FOST	X	International Journal of Quantum Chemistry	2	Oxygen Defects in Mg-Doped SrNbO ₃ Perovskites: Structural Insights, Electrical Behavior, and Thermal Analysis for Energy Conversion and Storage Applications

18	Dr. Muhammad Amjad Iqbal	Associate Professor	FOIT& CS	W	IEEE Access	3.6	A Hybrid Deep Learning Framework for Early-Stage Alzheimer's Disease Classification From Neuro-Imaging Biomarkers
19	Dr. Muhammad Naveed	Professor/HOD	FOST	W	Scientific Reports	3.9	Computational design of a glycosylated multi-epitope vaccine against HAsV-1 and HAsV-2 astrovirus for acute gastroenteritis
20	Dr. Muhammad Naveed	Professor/HOD	FOST	W	Scientific Reports	3.9	Exploring the therapeutic potential of Thymus vulgaris ethanol extract: a computational screening for antimicrobial compounds against COVID-19 induced mucormycosis
21	Dr. Muhammad Akhyar Farrukh	Professor	FOST	W	International Journal of Biological Macromolecules	8.5	Efficient adsorption and photocatalytic removal of hexavalent chromium using chitosan-functionalized graphene oxide-MnO ₂ nanocomposite
22	Dr. Muhammad Shehzad Hanif	Assistant Professor	FOMS	W	Human Behavior and Emerging Technologies	3	Adoption and Actual Usage of SaaS-Based Cloud Applications Among the Swedish SMEs—A TAM-TOE Integrated Perspectives
23	Dr. Aitzaz Khurshid	Assistant Professor					
24	Dr. Syed Zuqadar Hassan	Associate Professor	FOIT& CS	W	Sustainability	3.3	Economic Value Creation of Artificial Intelligence in Supporting Variable Renewable Energy Resource Integration to Power Systems: A Systematic Review
25	Dr. Sadaf Hameed	Assistant Professor	FOST	W	Journal of Drug Delivery Science and Technology	4.9	Fabrication of camptothecin loaded casein nanoparticles for the treatment of colorectal cancer through targeted drug delivery
26	Muhammad Rayees Ahmad	Assistant Professor	FOST	W	Alexandria Engineering Journal	6.8	A computational diagnostic model for infectious diseases via similarity measures on N-framed plithogenic hypersoft sets
27	Dr. Shahid Saeed Siddiqi	Professor	FOST	W	Journal of the National Science Foundation of Sri Lanka	0.4	A Comparison of Optimizers in a PyTorch Based Artificial Neural Network to Predict Normal Boiling Points of Alkanes
28	Syed Atir Raza Shirazi	Lecturer	FOIT& CS	X	Journal of Imaging	3.3	Advancing Early Blight Detection in Potato Leaves Through ZeroShot Learning
29	Aliya Attique Babry	Lecturer	FHSS	Y	Pakistan Languages and	Non-Impact Factor	The Impact of the Forgiveness based Intervention on Mental Health

	Dr. Bushra Naz	Associate Professor			Humanities Review (PLHR)		among Elderly living in Shelter Home: A Pre-Post Study
	Hamid Bilal	Principal Lecturer,					
30	Dr. Sami Ullah	Associate Professor	FOMS	W	Scientific Reports	3.9	Benevolent leadership enhances organizational learning through communication, trust, and knowledge sharing
31	Dr. Salman Iqbal	Associate Professor					
32	Dr. Sadaf Zeeshan	Assistant Professor	FOE	W	Ain Shams Engineering Journal	5.9	Analysis of the impact of damage rate on the performance of orange fruit harvesting robot
33	Dr. Muhammad Akhyar Farrukh	Professor	FOST	W	Journal of the Iranian Chemical Society	2.3	Pristine and green synthesis of Fe ₂ O ₃ and CuO nanoparticles using Allium cepa for photocatalytic and antibacterial applications
34	Syed Atir Raza Shirazi	Lecturer	FOIT&CS	X	Journal of Imaging	3.3	Advancing Early Blight Detection in Potato Leaves Through ZeroShot Learning
35	Dr. Huma Hameed	Assistant Professor	FOST	W	Drug Delivery and Translation al Research	5.5	Injectable nanocomposite hydrogels for targeted intervention in cancer, wound healing, and bone and myocardial tissue engineering
36	Dr. Shazia Hasan	Professor	FHSS	W	Journal of Evaluation in Clinical Practice (JECP)	2.1	The SHARE Model of Trauma Recovery: Addressing Silence, Honor, Attachment, Relational Trauma, and Embodied Memory in Collectivist Cultures
37	Dr. Alia Asmat	Associate Professor	FHSS	Y	Journal of Nursing And Allied Health	0	Urdu Translation and Validation of Burden Scale for Family Caregivers Short Version for Caregivers of Individuals with Drug Addiction in Pakistan
38	Dr. Hafiz Mahfooz ul Haque	Associate Professor	FOIT&CS	W	Computers, Materials & Continua	1.7	Semantic Knowledge Based Reinforcement Learning Formalism for Smart Learning Environments
39	Annas Wasim Malik	Lecturer	FOIT&CS	W	Computers, Materials & Continua	1.7	Sine-Polynomial Chaotic Map (SPCM): A Decent Cryptographic Solution for Image Encryption in Wireless Sensor Networks
40	Shafaq Aftab	Lecturer	FOMS	X	Asia-Pacific Journal of Business Administration	4.6	How and when does witnessing incivility lead to psychological distress in family-owned bank employees?

41	Dr. Muhammad Naveed	Professor/ HOD	FOST	W	Scientific Reports	3.9	Rational computational design and development of an immunogenic multiepitope vaccine incorporating transmembrane proteins of Fusobacterium necrophorum
----	---------------------	-------------------	------	---	--------------------	-----	--

UCP Research Journals

The University of Central Punjab currently publishes seven biannual academic journals across diverse disciplines, reflecting its commitment to scholarly excellence and knowledge dissemination. Out of these, six journals are HEC recognized, while the UCP Journal of Business Perspectives is currently under the recognition process. These journals serve as a platform for high-quality, peer-reviewed research and contribute meaningfully to the academic and professional community

Sr No.	Journal Name	Issue	Span	Publication Status
1	UCP Journal of Engineering & Information Technology UCP-JEIT	Vol. 3 Issue 1	Jan 25 - June 25	Published 23/07/2025
2	UCP Journal of Sciences & Technology UCP-JST	Vol. 2 Issue 2	Jan 25 - June 25	Published 28/07/2025
3	UCP Journal of Business Perspectives UCP-JBP	Vol 3 Issue 1	Jan 25 - June 25	Published 05/09/2025

RECOGNIZED IN "T" CATEGORY BY

ISSN Print: 3005-8007
ISSN Online: 3005-8015
Volume 3
Issue 1
January - June 2025

UCP Journal of Engineering & Information Technology

Securing Financial Transactions: Leveraging Random Forest for Credit Card Fraud Detection
Abu Bakr Qazi, Arfan Ali Nagra, Khola Farooq, Muhammad Yousif, Muhammad Haseeb Zia

Maximum Efficiency Point Tracking Control for Dynamic Wireless Power Transfer
Muhammad Umer Noor, Muhammad Anique Aslam, Syed Abdul Rahman Kashif

Microservice Antipatterns: Causes, Detection, and Refactoring Challenges
Junaid Aziz and Ghulam Rasool

Smart Resource Allocation for Mobile Edge Network in IoT Using Game Theory
Samra Sheereen, Asif Kabir, Syed Mushhad M. Gilani, Abdur Rahman Riaz, Zahid Mahmood

RUPT: An Extension to Traditional Compilers in C++ to Support Programming in Native Language
Muhammad Ishfaq, Maryam Gulzar, Muhammad Farhat Ullah

—University of Central Punjab

RECOGNIZED IN "T" CATEGORY BY

ISSN (Print): 3005-5563
ISSN (Online): 3005-5571
Volume: 2
Issue: 2
January - June, 2025

UCP Journal of Science & Technology
UCP-JST

Assessment of Blood and Renal Function Profiles in Pregnant Women from Narowal, Pakistan
Fizza Azeem, Rabia Mahmood, Raheem Saeed, Ayesha Rehman, Muhammad Zahid, Saadullah Khan, Uzma Aftab, Fayyaz Iqbal, Hassan Ahmad, Hafiz Shama, Ayesha Khayyat, Ali Akbar, Hafiz Umar Hassan, Sadia, Shikha, Muhammad Rafiq Khawar

Water Chestnut (Trapa natans): Physicochemical Properties of Starch and Industrial Applications across Food, Textile and Pharmaceutical Sectors
Muhammad Faraz, Maryam Fatima, Theebah Al-Hadi, Mubashir Ahmad, Tariq, Rana Khadija, Muhammad, Muhammad, Muhammad, Muhammad, Gema Adnan

Efficient Cytomegalovirus Detection Among Haemodialysis Patients Through qPCR
Fahad Hussain, Aqsa, Rizwan Mub

A Unique and Green Method Designed for the Detection of Minute Quantities of Zinc in Real and Natural Specimens
Muhammad Faraz, Muhammad Ahsan Raziq, Mubashir Ahmad, Hafiz Shama, Ayesha Khayyat, Ali Akbar, Hafiz Umar Hassan, Sadia, Shikha, Muhammad Rafiq Khawar

Characterization of Municipal Solid Waste Generating at UVAS Ravi Campus, and its Conversion into Compost Using Lumbricus Terrestris
Sana Zafar, Sultana Sidra, Ayesha Iqbal, Ayesha Khadija

ISSN (Print): 3005-8941
ISSN (Online): 3005-897X
Volume: 3 Issue: 1
January - June 2025

UCP Journal of Business Perspectives

The Impact of Technology on Forensic Accounting and Fraud Detection: A Case Study of Omani Firms
Arwa Ibrahim Al-Balushi

Employee Personality Traits and their Prospected Behavior to Adopt Organizational Cynicism: A Mediated Moderated Model
Muhammad Waqar Azam, M. Irfan Ullah Arfeen, Muhammad Junaid Bilal

Relationship of Motivational and Social Factors with Entrepreneurial Intentions
Shafiq Arif

Untangling Demand-Following and Supply-Leading Postulate with the Lens of Granger Causality
Mushtaq Hassan

Promoting Innovation Performance in European Developing Nations: Role of Technology Transfer, Regulation Quality, Research and Development Expenditures, and Knowledge Spillovers
Rahat Noman, Mishbah Habib, Joanna Kurawska-Pysz, Wamiq Habib Khan

—University of Central Punjab

Call for Proposals Circulated through ORIC

Sr #	Funding Agency	Grants/ Program Title	Funding Amount	Deadline	Link
1	BrightFocus Foundation	Alzheimer's Disease Research Grant	Up to \$300,000 USD	September 29, 2025	https://www.brightfocus.org/about/for-scientists/apply-for-a-research-grant/alzheimers-disease-research-request-for-proposals
2	British Ecological Society (BES)	Synthesis Grants from BES	Up to €100,000	8 September 2025	https://www.britishecologicalsociety.org/content/synthesis-grants/
3	STEG (Structural Transformation & Economic Growth)	STEG Small Research Grants (Ninth Call)	Up to £25,000 per project	11 August 2025	https://steg.cepr.org/call-for-proposals/ninth-call-proposals-steg-small-research-grants
4	Geneva Centre for Security Policy (GCSP)	GCSP Prize for Innovation in Global Security (€100,000 Funding)	€100,000	25 Sept 2025	https://www.gcsp.ch/events/apply-2025-gcsp-prize-innovation-global-security
5	British Council	British Council Research Environments 2025–26 Collaboration Grants	Funding Amount: £25,000 – £40,000	9 September 2025	Research Environments 2025–26 collaboration grants British Council
6	Socio-Economic Review (Oxford Academic)	Opportunity for MS/PhD Students: SER Graduate Internship 2025–2026		September 1, 2025	Call for Student Interns 2025-2026 Socio-Economic Review Oxford Academic
7	UCP-ORIC	Internal Research Grant Program (IRGP)	1 million	September 29, 2025	oric@ucp.edu.pk
8	PIDE – RASTA	RASTA Competitive Grants Programme (CGP 8.0)	6.0 million	September 15, 2025	https://rasta.pide.org.pk/cgp-8-0/

9	British Council	British Council Research Environments 2025–26 Collaboration Grants	£25,000 – £40,000	September 9, 2025	Research Environments 2025–26 collaboration grants British Council
---	-----------------	--	-------------------	-------------------	--

Internal Research Grant Program (IRGP) for UCP Faculty

The University of Central Punjab (UCP) has launched the Internal Research Grant Program (IRGP) to foster innovative, cross-disciplinary, and commercially viable research. The program provides seed funding of up to PKR 1 million for projects with strong commercialization potential. **Deadline for submission:** 29 September, 2025

Eligibility & Requirements:

- Open to PhD faculty members of UCP.
- Each awarded project must lead to at least one impact factor publication and the submission of an external research grant application.
- Applications must include an industry support letter.
- Maximum project duration is 12 months.
- Proposals must follow the official IRGP template, including CV, budget justification, and supporting documents.
- Cross-disciplinary and interdepartmental collaborations are strongly encouraged.



University of Central Punjab



Office of Research, Innovation & Commercialization

Call for Applications – Internal Research Grant Program (IRGP) for UCP Faculty

Program Objectives:

- Provide seed funding (up to PKR 1 million) for innovative, cross-disciplinary projects with commercialization potential.
- Support faculty through a Research Assistant/Associate fellowship in priority research areas for one year.

Key Instructions for Applicants:

- Only PhD faculty members are eligible to apply.
- Each project must result in at least one impact factor publication and submission of one external research grant.
- Submission of an industry support letter is mandatory.
- Project duration: Maximum 12 months.
- Proposals must be submitted on the official IRGP template with CV, budget justification, and required documents.
- Cross-disciplinary and interdepartmental collaborations are strongly encouraged.
- Projects must be applied or cross-disciplinary in nature.



Deadline for Submission:
September 29, 2025

Submission Email:
oric@ucp.edu.pk

For detailed guidelines and templates, please contact the Office of Research, Innovation & Commercialization (ORIC).

We strongly encourage our faculty members to take this opportunity to initiate impactful, innovative, and commercially viable research.

Research Project submission to PHEC

Sr#	Theme	Title	PI	Designation/Department	Industrial Partner
1	Artificial Intelligence and Data Science	AI Assistive Exam Grading: A Step Towards Efficient and Fair Assessments	Dr. Hafiz Mahfooz ul Haque	Associate Professor, FOITCS	Mr. Arham Tariq
2	Climate Change	AirSense: Long-Term IoT Network for Urbanization, Pollution and Climate Change impact Monitoring on Lahore's weather	Dr Fesal Toosy	HoD/Electrical Engineering	Info Informatics
3		New Insights into Enhanced Hydrogen Generation and Methane Blending by Microbial Fuel Cells for future Energy	Dr. Muhammad Perviaz	Associate Professor/Basic & Applied Chemistry	NEECA, National Energy Efficiency & Conservation Authority, Islamabad
4	Climate Change/ Renewable Energy	Establishment of Satellite Ground Station Network for Environmental Monitoring and Earth Observation	Dr. M. Kamran Saleem	Associate Professor/Electrical Engineering Department	Research Solutions & Ventures (RESOLVE-SUPARCO)
5		Advancing Hydrogen Energy Production through High-Performance Lithium-Ion Batteries and Industrial Waste Conversion for Sustainable Energy and Climate Change Mitigation	Dr. Muhammad Perviaz	Of Basic & Applied Chemistry	Solex Chemicals, Multan
6		Development, commercialization of IoT-Based Smart Monitoring System for Purification of Biogas Produced from Fruits and Vegetables waste	Dr. Muhammad Riaz	Associate Professor/Department of Basic and Applied Chemistry	Skypower Pvt Ltd, Race Course Road, Halloki, Lahore, Pakistan
7	One Health/Public Health	Establishment of center for the exploration of Immunomodulatory and Anti-Aging Potential of Grapefruit in Preventing Thymic Involution	Dr. Ghulam Jilany Khan	Associate Professor, FOPS	Dr. Masood Homeopathic Pharmaceutical industries
8		Establishment of a Microfluidic Technology Research & Development Center for Low-Cost Cancer Diagnostics	Dr. Ghulam Jilany Khan	Associate Professor, FOPS	Regal Technologies Industrial collaboration for device manufacturing.
9		Establishing a National Center for Space Biology and Regenerative Medicine Using the CAM Assay Platform	Dr. Ghulam Jilany Khan	Associate Professor, FOPS	SUPARCO (Pakistan Space & Upper Atmosphere Research Commission)
10		Center of Excellence in AI-Driven One Health Innovations (AID-OHI)	Dr. Muhammad Imran Sajid	Associate Professor, Faculty of Pharmaceutical Sciences	Citi Pharmaceuticals

11	Water	Advanced Wastewater Treatment Using Hybrid Nanofiltration and Biodegradation Technologies for Sustainable Water Management	Prof. Dr. Muhammad Akhyar Farrukh	HOD, Department of Basic and Applied Chemistry	Water Care Services of Pakistan
12	Food and Nutrition	Center of Excellence in Functional Foods, Nutrition & Public Health (CFFNPH)	Dr. Kanza Aziz Awan	Associate Professor, Department of Food science and Nutrition	

Pillar 2: Commercialization and IP

IPRs Filed To IPO (UCP) 2025



Name: Ms. Yakhshi Saleem, Principal Lecturer, FMCC
IP Title: Taqdeer ka Sayara
IP category: Copyrights
Filing Date: 08/07/2025

Three IP Examination report received from IPO



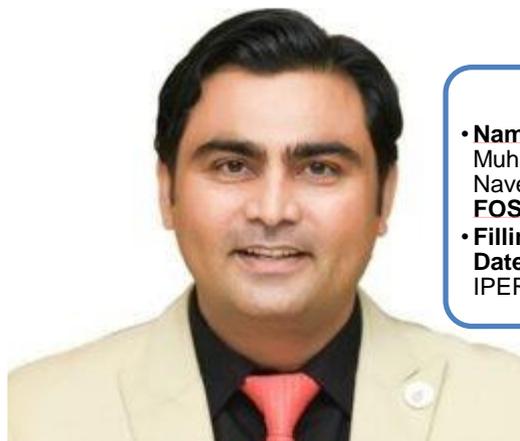
Name: Dr. Hira Mubeen, Associate Professor, FOST
Filing Date:
 1. 002/2023(2nd IPER)
 2. 860/2022 (2nd IPER)
 3. 855/2022 (2nd IPER)

One IP Examination report received from IPO



• **Name:** Prof. Dr. Kafeel Ahmed Professor/HOD, FOE
 • **Filing Date:** 761/2022 (2nd IPER)

One IP Examination report received from IPO



• **Name:** Dr. Muhammad Naveed Professor, FOST
 • **Filing Date:** 762/2022 (2nd IPER)

Pillar 3: Industry-Academia Linkages

Memorandum of Understanding MOUs

MoU Between FMMC and 365 news



The Faculty of Media and Mass Communication (FMMC) signed an MoU with 365 News to promote academia-industry linkages. The agreement includes opportunities for student internships, industrial visits, and job placements. The ceremony was attended by Prof. Dr. Fawad Baig (Dean, FMMC), Dr. Atif Ashraf (HoD, FMMC), Mr. Awais Hameed (Head of News, 365 News), and Mr. Muhammad Zahid (Controller News, 365 News), followed by the exchange of shields and souvenirs.

MoU between UCP and Sri Lanka Institute of Information Technology



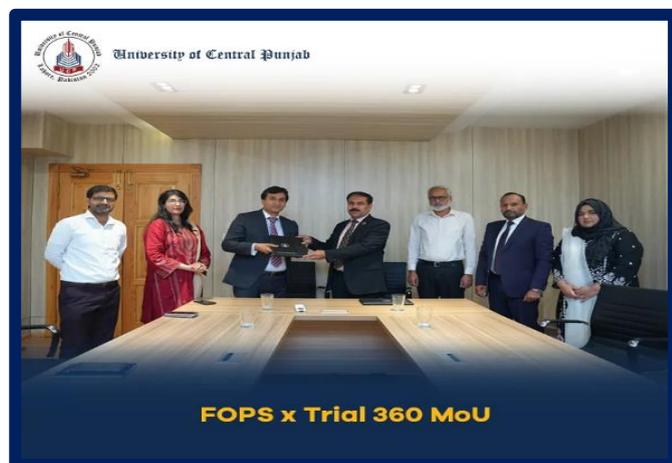
The Faculty of Science and Technology, UCP, signed an MoU with the Sri Lanka Institute of Information Technology (SLIIT) to strengthen international collaboration in research, academic programs, and faculty/student exchanges. The ceremony was attended by Dr. Hammad Naveed (Pro-Rector, UCP), Dr. Hafiza Rizwana Kausar (Dean, FOST), and Prof. Nimal Rajapakse (Deputy Vice Chancellor, SLIIT).

MoU Between UCP and Pakistan International Printers



UCP signed an MoU with Pakistan International Printers (PIP) to enhance academia-industry linkages through collaboration in education, research, training, and employment. The MoU was signed by Mr. Saad Haleem Khan (MD, PIP) and Dr. Muhammad Athar Siddiqui (Dean, UCP Business School), chaired by Dr. Hammad Naveed (Pro-Rector, UCP), with senior representatives from both sides present. The visit also included discussions on future collaborations in food technology, packaging, and printing.

MoU between FOPS and Trial 360



The Faculty of Pharmaceutical Sciences (FOPS), UCP, signed an MoU with Trial 360 to promote collaborative research, capacity building, and opportunities for faculty and students in clinical and pharmaceutical research. The signing was attended by senior representatives from both sides, including Prof. Dr. Mahtab Ahmad Khan (Dean, FOPS) and Dr. Muhammad Imran Naveed (Regulatory Manager, Trial 360).

Memorandum of Understanding MOUs

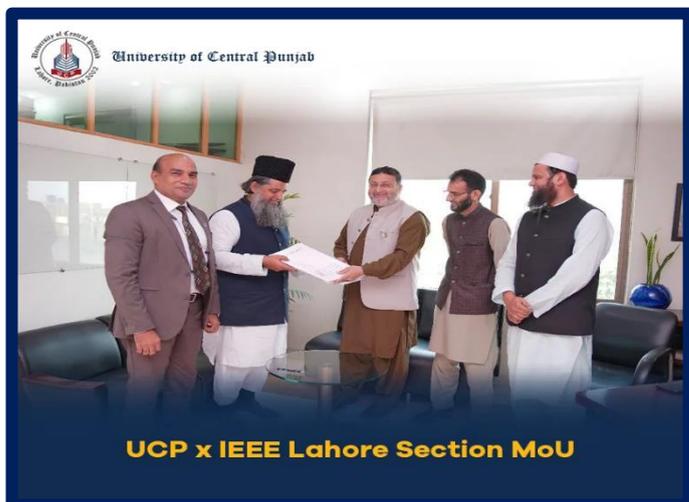
MoU between UCP and Pakistan Institute of Legislative Development and Transparency (PILDAT)



The University of Central Punjab (UCP) signed an MoU with the Pakistan Institute of Legislative Development and Transparency (PILDAT) to foster collaboration in research, training, internships, and student development.

The MoU was signed by Dr. Hammad Naveed (Pro-Rector, UCP) and Mr. Ahmed Bilal Mehboob (President, PILDAT), with senior representatives from both sides in attendance.

MoU between UCP x IEEE Lahore Section MoU



The University of Central Punjab (UCP) signed an MoU with IEEE Lahore Section for the upcoming International Conference HITE – Horizons of Information Technology and Engineering.

The ceremony was attended by Dr. Yasir Saleem (Chair, IEEE Lahore Section), Dr. Muhammad Amjad Iqbal (Dean, Faculty of IT & Computer Science), and Dr. Majid (Conference Chair, IEEE).

MoU between UCP and AGR Consultants



The University of Central Punjab (UCP) signed an MoU with AGR Consultants to enhance academia–industry linkages, offering students internships, training, skill development, and mentorship opportunities.

The MoU was signed by Muhammad Yaqoob (Provost, UCP) and Muhammad Osman Babar (Partner – BPO Services, AGR), with representatives from both sides present.

MoU between UCP x Japanese Business Organizations MOU



UCP welcomed officials from leading Japanese business organizations for an MoU signing to offer student placements in Japanese companies.

Provost Mr. Muhammad Yaqoob and the Career Services team discussed enhancing international employability, while Director International Office Mr. Sikandar Sethi highlighted UCP’s academic strengths.

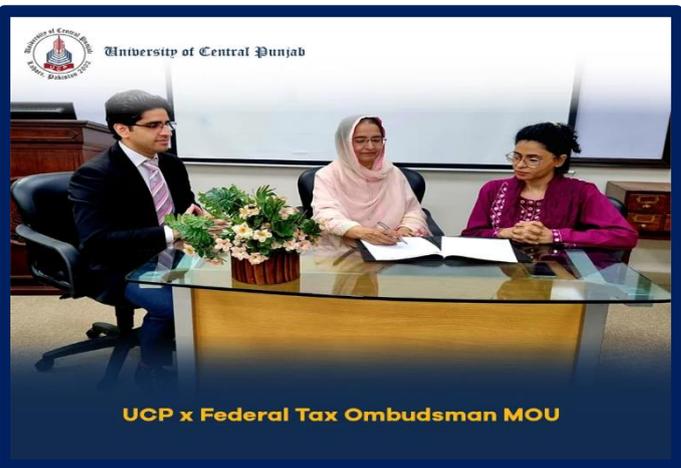
MoU between UCP and Sigma Distributors (Pvt) Ltd



University of Central Punjab has signed an MoU with Sigma Distributors (Pvt) Ltd to strengthen academia–industry linkages and create opportunities for internships, job placements, training, skill development, and mentorship for UCP students.

The MoU was signed by Provost Muhammad Yaqoob on UCP’s behalf and witnessed by Dr. Muhammad Athar, Dean, Faculty of Management Sciences. From Sigma Distributors (Pvt) Ltd, the MoU was signed by Director Mr. Ahmed Ijaz and witnessed by Ms. Yusra Kamran, Marketing Lead and Mr. Afroz Haider, Head of Supply Chain Management (UCP Alumnus).

MoU Between UCP and Federal Tax Ombudsman (FTO)



Faculty of Law at UCP, in collaboration with the Career Services Office, has signed an MoU with the Federal Tax Ombudsman (FTO), Pakistan’s top tax accountability body.

This partnership will create new opportunities for academic, professional, and research collaboration. Students from the Faculty of Law have already completed internships at the FTO, with more initiatives planned in the future.

Faculty-Industry Engagement Meeting

ORIC-UCP Hosts 3rd FIPP Pre-Placement Meeting | held on July 02, 2025



ORIC organized a Faculty-Industry Engagement Meeting, to strengthen academia–industry partnerships and align faculty expertise with market-driven challenges. The session was attended by UCP leadership including Dr. Hammad Naveed (Pro-Rector), Prof. Dr. Muhammad Akhyar Farrukh (Director ORIC), Prof. Dr. Hafiza Rizwana Kausar (Dean, Faculty of Science & Technology), and Dr. Faiza Anum (Research Associate, ORIC), along with distinguished industry representatives such as Mr. Hameed K. Lateef (CEO, TTI Testing Laboratories), Mr. Rizwan Ahmad (COO, Unity Foods), and Mr. Faizan Ahmed (Chemical Engineer, Sky Power Limited). Faculty members from FOST and FOPS engaged in in-depth discussions on local industry outreach barriers, biofertilizer research, climate-resilient crops, sustainable agricultural practices, flood-resistant infrastructure, and innovative water-retention techniques. The meeting successfully paved the way for collaborative research initiatives and future faculty–industry placements, reinforcing UCP’s commitment to impactful partnerships



ORIC-UCP Hosts 4th FIPP Pre-Placement Meeting | held on July 14, 2025



ORIC-UCP organized the 4th Faculty Industry Placement Program (FIPP) Pre-Placement Meeting to strengthen academia-industry linkages and faculty development. Chaired by Prof. Dr. Muhammad Akhyar Farrukh (Director ORIC), the session engaged Fruits of Sustainability and the Pakistan Institute of Living & Learning (PILL).

Key discussions included workplace surveys, HR development, mental health training, and a six-month paid internship program for UCP postgraduates, marking progress in faculty capacity-building and



sustainable collaboration.

ORIC-UCP Hosts 5th FIPP Pre-Placement Meeting | held on July 21, 2025



ORIC-UCP held the 5th Faculty Industry Placement Program (FIPP) Pre-Placement Meeting to strengthen academia-industry collaboration.

Speakers included Mr. Arfat Ashraf (CEO, Together) and Mr. Ahsan Shahzad (Founder, Ahsan Legal Services), who highlighted joint projects, legal practice, and faculty placement opportunities.

Faculty from law, linguistics, and literature participated, underscoring UCP's commitment to research collaboration and impactful faculty engagement.



ORIC-UCP FIPP Orientation Session| held on August 05, 2025



The Office of Research, Innovation & Commercialization (ORIC) at the University of Central Punjab organized an Orientation Session on the Faculty Industry Placement Program (FIPP) to enhance faculty understanding of the program's objectives and processes.

Led by Dr. Hammad Naveed (Pro-Rector, UCP) and Prof. Dr. Muhammad Akhyar Farrukh (Director, ORIC), the session highlighted FIPP's



role in strengthening academia-industry linkages, promoting applied research, and ensuring curriculum relevance. Faculty were briefed on placement procedures, roles, expected outcomes, and post-placement reporting, with emphasis on the program's transformative impact in providing real-world industry exposure and advancing professional development.

The event reflected UCP's strong commitment to building sustainable collaborations, and the Director appreciated the efforts of Dr. Faiza Anum, the focal person for FIPP.



Industrial Session on Advanced Analytical Techniques | held on August 13, 2025



Office of Research, Innovation & Commercialization (ORIC) in collaboration with the Department of Basic & Applied Chemistry, Faculty of Science & Technology –UCP, organized a session on advanced analytical instrumentation featuring Mr. Shahid Ali Mahmood (Manager RSL, TTI Testing Laboratories). The talk covered HPLC, LC-MS, GC-FID, and other techniques, highlighting industrial applications and laboratory significance.

Prof. Dr. Muhammad Akhyar Farrukh (Head of Department & Director ORIC) appreciated the speaker's valuable contribution and encouraged students to pursue hands-on industrial training and impactful research. The event was successfully coordinated by Dr. Muhammad Perviaz (Associate Professor) and Mr. Usman Idrees (Lecturer).



ORIC Facilitates New Management Trainee Officer (MTO) Positions for UCP Graduates | July 05, 2025

ORIC, in collaboration with industry partners, facilitated new Management Trainee Officer (MTO) positions initiated by Dr. Naveed Ashraf (Steering Committee Member, SRC).

From nine CVs submitted, one UCP student was successfully hired. The six-month program offers roles in HR, Sales, Supply Chain, Statistics, AI, and Engineering with a PKR 40,000 monthly package plus fuel allowance, reflecting UCP's commitment to graduate employability and career development.

Job Opportunity-Vital Petroleum | (25 August, 2025)

ORIC-UCP facilitated a career opportunity with Vital Petroleum, initiated by Mr. Muaz Ali (Head of HR). A total of 20 CVs were submitted for this placement drive, targeting roles for Civil Engineers and Marketing students.

Internship Opportunity – Together (Growing Good Causes)

ORIC-UCP shared an internship opportunity with its industrial partner Growing Good Causes, offering placements in the Sales and IT departments. The internship will be based at New Garden Town, Lahore.



ORIC–Sky Power Ltd. Biogas Research Visit | July 8, 2025



ORIC–UCP facilitated a research visit to Sky Power Ltd., Lahore, for faculty from the Department of Basic & Applied Chemistry, FOST.

The delegation, including Dr. Muhammad Perviaz and colleagues, discussed biogas technology with Engr. Faizan (Sky Power Ltd.), focusing on purification methods, production models, biofertilizer, and methane yield. The visit strengthened renewable energy research and industry–academia collaboration at UCP.

ORIC–Industry Meeting with Creative Group of Companies | August 26, 2025



The Office of Research, Innovation & Commercialization (ORIC), UCP, held an industry meeting with the Creative Group of Companies to finalize collaborative projects and initiate field trials in priority research areas.

Discussions centered on biofertilizer quality, cost control, multiple gas absorber systems, and gas storage.

The session brought together Mian Sultan Mahmood, CEO Creative Group of Companies, along with his team, and Prof. Dr. Muhammad Akhyar Farrukh, Director ORIC, accompanied by faculty from the Department of Basic & Applied Chemistry. Coordinated by Dr. Muhammad Perviaz, the meeting reinforced UCP's commitment to advancing industry-academia linkages, applied research, and sustainable industrial innovation.

ORIC–Agrimore Pvt. Ltd. Research Collaboration Visit | July 21, 2025



ORIC-UCP, in collaboration with FOST, visited Agrimore Pvt. Ltd., Kasur, to strengthen academia-industry linkages.

The delegation met company leadership to discuss potential research domains and long-term collaborations, marking a step toward joint efforts in addressing real-world challenges.



UCP ORIC–Agrimore Pvt. Ltd. Collaboration | September 9, 2025



ORIC UCP, held a strategic meeting with Agrimore Pvt. Ltd., chaired by Prof. Dr. Muhammad Akhyar Farrukh (Director ORIC) and joined by Mr. Asif Lone (Director Technical, Agrimore), along with faculty members from the Faculty of Science & Technology.

Discussions centered on collaborative research in pesticides, biofertilizers, and sustainable technologies, including:

- Establishing biological baselines for pesticide evaluation
- Developing wetting and stabilizing agents
- Synthesizing LiFe_3PO_4 from phosphorus rock
- Producing amino acids from poultry waste
- Creating plant growth bio-stimulants from fruit/vegetable waste
- Advancing lithium iron phosphate for batteries and CO_2 capture

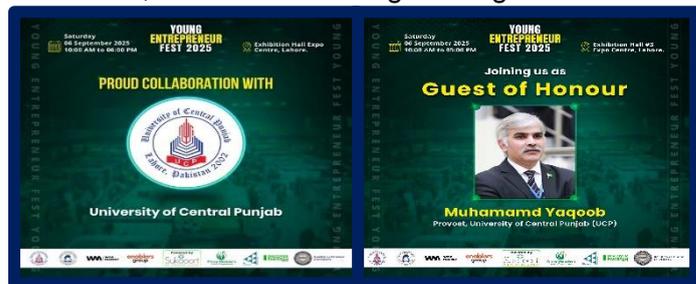


UCP Showcases Innovative Products at Expo Centre Lahore

UCP Mechanical Engineering Students Excel at Young Entrepreneur Fest 2025!



A team from UCP's Department of Mechanical Engineering showcased their innovative project, "Smart and Safe Logistics AGV with Quad Maneuverance," at the Young Entrepreneur Fest 2025 in Lahore. Supervised by Dr. Sadaf Zeeshan, the project impressed visitors and evaluators with its technical excellence and practical design, highlighting UCP's commitment to research, innovation, and real-world engineering solutions.



UCP Showcases Food Innovation at FOOD ASIA EXPO 2025



UCP's Department of Food & Nutritional Sciences displayed innovative products from COFIC-UCP at Day 1 of FOOD ASIA EXPO 2025. The exhibit attracted significant attention from industry and academia, highlighting UCP's commitment to research, entrepreneurship, and collaborative innovation in the food sector.



UCP Shines at FOOD ASIA EXPO 2025 – Days 2 & 3

As the sole academic representative, UCP's Department of Food & Nutritional Sciences showcased innovative products from COFIC-UCP, drawing attention from national and international industry leaders. The participation strengthened research collaborations, industry partnerships, and commercialization opportunities, highlighting UCP's leadership in food innovation and academia-industry engagement.



UCP at Pakistan Industrial Expo 2025

Prof. Dr. Amina Arif (Department of Basic & Applied Chemistry) represented the University of Central Punjab as a VIP attendee at the 9th Pakistan Industrial Expo 2025, held at Expo Centre Lahore. The event highlighted industrial innovations and Pak-China collaboration opportunities. Dr. Amina engaged with industry leaders, explored emerging technologies, and emphasized UCP's role in fostering academia-industry linkages for innovation and entrepreneurship.

PAKISTAN INDUSTRIAL EXPO 2025

9th PAKISTAN INDUSTRIAL EXPO

27 - 29 Sept, 2025

Hall 1 & 2, Expo Centre Lahore

VIP PASS

Dear Prof. Dr. Amina Arif

VIP No: P000041

Thank you for registering to be part of 9TH PAKISTAN INDUSTRIAL EXPO.

Pillar 4: Entrepreneurship and Startups

Summer Course on Entrepreneurship: From Idea to Startup Launch

August 11-21, 2025

The Office of Research, Innovation & Commercialization (ORIC) at UCP introduced a two-week certified summer course titled “Entrepreneurship: From Idea to Startup Launch” commencing on August 11, 2025. The program was designed to equip participants with essential entrepreneurial skills, covering idea validation, intellectual property, commercialization strategies, startup funding, and product development. The initiative reflected ORIC’s commitment to fostering innovation, empowering aspiring entrepreneurs, and bridging academic knowledge with real-world startup practices.

Entrepreneurship: From Idea to Startup Launch

Starting Date: August 11, 2025

Training Goals

- Conceive & validate a viable business idea.
- Navigate legal, regulatory, and intellectual property challenges.
- Understand commercialization models and startup funding.
- Gain hands-on experience in developing and standardizing real products.

Learning Outcomes

- Develop a market-validated business idea.
- Navigate legal and regulatory requirements confidently.
- File patents and protect trademarks.
- Commercialize and scale a product practically.
- Launch their product in the market with a clear go-to-market plan.

Resource Person/ Trainer of Summer Course

ENTREPRENEURSHIP
From Idea to Startup Launch

Trainer: Mr. Muhammad Javed Afzal
Regional Chief (Central Region), SMEDA

Course Starting Date: August 11, 2025
Last date for Registration: 9 August, 2025

Duration: 2 Weeks

Monday - Friday
C-Building [Common Room]

10:00 AM - 12:00 PM

ENTREPRENEURSHIP
From Idea to Startup Launch

Trainer: Prof. Dr. Aziz Ur Rehman
Department of Chemistry, GC University

Course Starting Date: August 11, 2025
Last date for Registration: 9 August, 2025

Duration: 2 Weeks

Monday - Friday
C-Building [Common Room]

10:00 AM - 12:00 PM

ENTREPRENEURSHIP
From Idea to Startup Launch

Trainer: Dr. Amina Rizwan
Assistant Professor, FOMS, UCP

Course Starting Date: August 11, 2025
Last date for Registration: 9 August, 2025

Duration: 2 Weeks

Monday - Friday
C-Building [Common Room]

10:00 AM - 12:00 PM

ENTREPRENEURSHIP
From Idea to Startup Launch

Trainer: Dr. Raja Irfan Sabir
Professor, FOMS UCP

Course Starting Date: August 11, 2025
Last date for Registration: 9 August, 2025

Duration: 2 Weeks

Monday - Friday
C-Building [Common Room]

10:00 AM - 12:00 PM

ENTREPRENEURSHIP
From Idea to Startup Launch

Trainer: Mr. Yaser Amir Awan
Director of Research & Innovation, UCP

Course Starting Date: August 11, 2025
Last date for Registration: 9 August, 2025

Duration: 2 Weeks

Monday - Friday
C-Building [Common Room]

10:00 AM - 12:00 PM

ENTREPRENEURSHIP
From Idea to Startup Launch

Trainer: Prof. Dr. Muhammad Akhyar Farrukh
Director ORIC/Research UCP

Course Starting Date: August 11, 2025
Last date for Registration: 9 August, 2025

Duration: 2 Weeks

Monday - Friday
C-Building [Common Room]

10:00 AM - 12:00 PM

Day 1| Generation & Validation| **August 11, 2025**



The opening session featured Prof. Dr. Muhammad Akhyar Farrukh, Director ORIC, who emphasized the importance of entrepreneurial thinking and innovation. Expert lectures by Mr. Yaser Amir Awan (Director Research & Innovation – Takhleeq) and Mr.

Muhammad Javed Afzal (Regional Chief – SMEDA) provided participants with insights on opportunity recognition, market needs, idea validation, and entrepreneurship as a career option. The successful launch set an inspiring tone for the program, equipping aspiring entrepreneurs with practical skills to transform ideas into sustainable startups.

Day 2 Highlights | Commercialization Strategies & Legal Business Setup in Pakistan| **August 12, 2025**



The second day featured an insightful session by Prof. Dr. Muhammad Akhyar Farrukh on “Commercialization Strategies & University-Industry Models & Legal Business Setup in Pakistan”. The lecture introduced commercialization concepts, university-driven entrepreneurship initiatives, and global case studies including Gatorade, Oxford Nanopore, and edX. Participants were also guided through practical steps for establishing a business in Pakistan, covering company registration, NTN acquisition, banking, taxation, and government incentives.

Day 3| Revenue Models and Financial Strategy| **August 13, 2025**

As part of the Summer 2025 course “Entrepreneurship: From Idea to Startup Launch”, Dr. Amina Rizwan, Assistant Professor at UCP, delivered an insightful session on Revenue Models and Financial Strategy.

The lecture covered subscription, product sales, licensing, commission, and hybrid models, alongside financial planning, budgeting, forecasting, and funding options.



Participants engaged in practical exercises to apply these concepts to their startup ideas, strengthening their ability to design sustainable and scalable businesses.

Day 4| Branding, Intellectual Property & Patents| **August 14, 2025**



As part of the Summer 2025 course “Entrepreneurship: From Idea to Startup Launch”, Dr. Raja Irfan Sabir (FOMS–UCP) highlighted the role of branding in building market trust and explained key intellectual property rights. Prof. Dr. Muhammad Akhyar Farrukh, Director ORIC–UCP, guided participants through patent filing processes with IPO Pakistan, sharing practical innovation examples. The session was coordinated by Ms. Nagina Rafiq, Research Associate – ORIC UCP, ensuring smooth facilitation as part of ORIC’s initiatives to strengthen entrepreneurial capacity.

Day 5| Highlights – Product Compliance & Standards| **August 18, 2025**



The Summer 2025 course “Entrepreneurship: From Idea to Startup Launch” continued with a session on Product Compliance & Standards led by Mr. Majid Raza in the Building C Common Room. Participants explored regulatory frameworks including PSQCA, FDA, ISO, and GMP, along with certification essentials, licensing procedures, and PSQCA application processes. The session also covered documentation, inspections, and quality certifications, equipping attendees with practical knowledge to ensure compliant product development and smooth market entry.

Day 6| Highlights – Hands-on Product Development| **August 19, 2025**

As part of the Summer 2025 course “Entrepreneurship: From Idea to Startup Launch”, participants attended a practical session on consumer product formulation led by Prof. Dr. Aziz-ur-Rehman, Chairperson, Department of Chemistry, GC University Lahore. The workshop covered hand wash and dishwashing liquid development, focusing on ingredient roles, pH balance, product stability, viscosity control, and safety considerations. Learners gained hands-on experience in creating consumer-ready products, bridging science with entrepreneurship. The session concluded with Prof. Dr. Muhammad Akhyar Farrukh, Director ORIC–UCP, presenting a souvenir to the guest speaker in appreciation of his contribution



Day 7| Entrepreneurship Course Showcases Pilot-Scale Production| **August 20, 2025**

As part of the course

“Entrepreneurship: From Idea to Startup Launch”, ORIC-UCP

organized a hands-on session at the In-House Facility where participants learned body care product formulation and pilot-scale production techniques.

Guided by Prof. Dr. Muhammad Akhyar Farrukh and Prof. Dr. Aziz-ur-Rehman, the session highlighted equipment use, quality checks, and lotion formulation, bridging lab research with commercial-scale product development.



Day 8| Entrepreneurship Course Explores Digital Design & Storytelling| August 21, 2025



ORIC-UCP conducted its 8th session on “Entrepreneurship: From Idea to Startup Launch”, focusing on logo development and visual storytelling for social media.

Led by Mr. Ahsan Raza, Communications Department, participants received hands-on training in Adobe Illustrator and Photoshop, learning design principles, brand identity creation, and social media optimization. The session was coordinated by Ms. Nagina Rafiq.



ORIC’s Entrepreneurship Course Concludes with Certificates Awarded



Dr. Hammad Naveed, Pro-Rector UCP, emphasized the University’s vision of preparing graduates to become job creators, while Prof. Dr. Muhammad Akhyar Farrukh, Director ORIC, highlighted the two-week program comprising 12 sessions led by distinguished experts.

Covering themes from business models and finance to product development, branding, and digital design, the course reflected UCP’s strong commitment to fostering innovation and entrepreneurial growth.



ORIC UCP Organizes Workshop on Research Proposals & Grants



ORIC UCP organized a training workshop on “Research Proposals & Grants: Challenges and Opportunities” on August 4, 2025. The workshop was led by Dr. Hammad Naveed, Prorector UCP, and Prof. Dr. Muhammad Akhyar Farrukh, Director ORIC, who shared practical insights into writing successful grant proposals.

Topics included types of research and grants, key components of a proposal, technical considerations,



reasons for proposal rejection, and available funding sources. Participants were also introduced to drafting and improving proposals. The session aimed to equip faculty with the skills to navigate funding challenges and enhance UCP’s research competitiveness.

ORIC-UCP Workshop on Patents & Research Commercialization



On August 6, 2025, ORIC-UCP conducted a workshop on “Innovation, Patents, and Research Commercialization” led by Prof. Dr. Muhammad Akhyar Farrukh (Director ORIC/Research). The session covered intellectual property rights, national and international patent filing, commercialization strategies, and guidelines from IPO Pakistan and USPTO.

Participants also learned to use online tools such as the USPTO Patent Center and IPO Pakistan e-journal. The workshop emphasized transforming research into marketable outcomes, reinforcing ORIC-UCP’s commitment to applied research and



knowledge transfer.

Cohort-3: MS/MPhil/PhD Supervision Course |

July 28, 2025

HEC GEP 2023 Mandated Supervision Course Successfully Conducted at UCP

Director ORIC, Prof. Dr. Muhammad Akhyar Farrukh, conducted Cohort-3 of the HEC GEP 2023 mandated MS/MPhil/PhD Supervision Course from July 28 – August 7, 2025, at the Webinar Hall (C-Block), UCP.

The two-week (16 contact hours) program engaged UCP faculty and external research supervisors across multiple disciplines. Sessions covered key themes such as preparing for supervision, guiding students through different research stages, securing funding, publishing in W-category journals, integrating Generative AI in course design, patents and commercialization, and academic research ethics.

The initiative aimed at capacity building in effective research supervision, aligning with HEC’s Graduate Education Policy framework.

Day 1 Update | MS/MPhil/PhD Supervision Course – Cohort 3

UCP launched Cohort-3 of the HEC GEP 2023 mandated MS/MPhil/PhD Supervision Course on July 28, 2025. Led by Prof. Dr. Muhammad Akhyar Farrukh (Director ORIC/Research), the opening session on “Preparing for Supervision” highlighted the vital role of research supervisors and strategies for effective meetings, collaboration, and progress tracking.



The course equips faculty with tools and ethics for quality postgraduate research supervision in line with HEC guidelines.

Day 2 Highlights | MS/MPhil/PhD Supervision Course – Cohort 3

On July 29, 2025, the course continued with a session on “Getting Students Started” led by Prof. Dr. Muhammad Akhyar Farrukh (Director ORIC/Research). The lecture covered strategies for building effective supervisory relationships, setting research expectations, and guiding topic selection and research questions.



Case studies further illustrated best practices in project design and feedback, reinforcing HEC GEP 2023 standards for ethical and quality postgraduate supervision.

Day 3 Recap | MS/MPhil/PhD Supervision Course – Cohort 3



Held on July 30, 2025, the third session on “Keeping Students Going” was conducted by Prof. Dr. Muhammad Akhyar Farrukh (Director ORIC/Research). The lecture highlighted approaches for monitoring progress, overcoming writing and presentation challenges, and addressing both academic and emotional barriers. Practical strategies were shared to help supervisors sustain student momentum, reinforcing HEC GEP 2023 objectives for quality postgraduate research supervision.

Day 4 Wrap-Up | MS/MPhil/PhD Supervision Course – Cohort 3



On July 31, 2025, Prof. Dr. Muhammad Akhyar Farrukh (Director ORIC/Research) led a session on “The Final Stages of Supervision.” The discussion focused on guiding scholars through thesis completion, assessment, and post-defense responsibilities while aligning with HEC GEP 2023, UCP Graduate Policy 2024, and related institutional frameworks. Emphasis was placed on structured, policy-informed supervision to ensure research quality and academic integrity.

Day 5 Recap | MS/MPhil/PhD Supervision Course – Cohort 3



On August 4, 2025, ORIC-UCP conducted a workshop on “Research Proposals & Grants: Challenges and Opportunities” led by Dr. Hammad Naveed (Pro-Rector) and Prof. Dr. Muhammad Akhyar Farrukh (Director ORIC). The session covered proposal types, essential components, common pitfalls, and funding opportunities, equipping faculty with practical skills to draft competitive grant applications and strengthen UCP’s research capacity.

Day 6 Highlights | MS/MPhil/PhD Supervision Course – Cohort 3

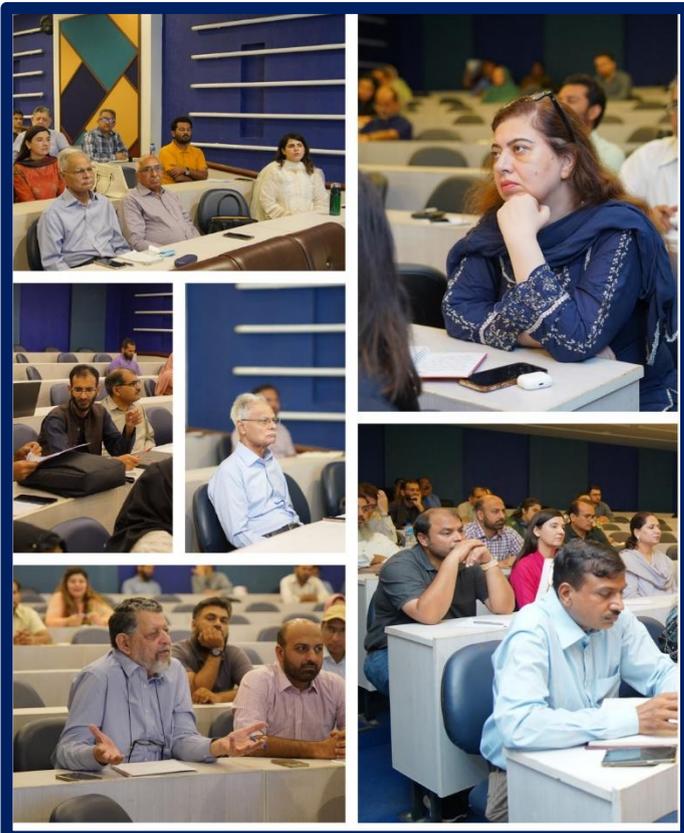


On August 5, 2025, UCP held the sixth session of the MS/MPhil/PhD Supervision Course, led by Prof. Dr. Muhammad Akhyar Farrukh (Director ORIC). The session on “Principles of Course Design” emphasized aligning content with learning outcomes, adopting effective teaching strategies, and integrating evaluation methods. A special focus was placed on leveraging Generative AI to strengthen research-oriented course delivery and enhance academic quality.

Day 7 Recap | MS/MPhil/PhD Supervision Course – Cohort 3



On August 6, 2025, ORIC-UCP conducted a workshop on “Innovation, Patents, and Research Commercialization” led by Prof. Dr. Muhammad Akhyar Farrukh (Director ORIC/Research). The session covered intellectual property rights, national and international patent filing, commercialization strategies, and guidelines from IPO Pakistan and USPTO. Participants also learned to use online tools such as the USPTO Patent Center and IPO Pakistan e-journal. The workshop emphasized transforming research into marketable outcomes, reinforcing ORIC-UCP’s commitment to applied research and knowledge transfer.



Training Workshop on Generative AI in Research and Academics



The University of Central Punjab (UCP), through ORIC and the Learning Innovation Centre (LIC), conducted a training workshop on Generative AI in Research and Academics. Prof. Dr. Muhammad Akhyar Farrukh (Director ORIC) discussed the responsible use of AI tools in research and maintaining academic integrity, while Dr. Hammad Naveed highlighted research ethics and credibility. The workshop trained 100 faculty members from all nine UCP faculties, promoting the ethical and effective use of AI in academia.



AI in the Classroom: UCP Faculty Trained on Smarter Teaching and Assessment Tools



ORIC and the Learning Innovation Centre (LIC) conducted *Day 2 – Artificial Intelligence in Academics* under the AI Training Workshop. Led by Prof. Dr. Muhammad Akhyar Farrukh (Director ORIC), the session provided hands-on training on using Generative AI tools for teaching, assessment, and course design. Faculty explored AI applications in lesson planning, writing, quizzes, and feedback, gaining skills to enhance classroom engagement and efficiency. The workshop reinforced UCP’s commitment to promoting digital innovation and future-ready education.

UCP Hosts Second Batch of Training on Generative AI for Research Excellence



The Office of Research, Innovation & Commercialization (ORIC) and the Learning Innovation Centre (LIC) conducted the second batch of training on Generative AI in Research and Academics.

Prof. Dr. Muhammad Akhyar Farrukh (Director ORIC) led a hands-on session on responsible AI use in research, while Dr. Hammad Naveed emphasized research integrity and ethical practices. The session trained over 120 faculty members from all nine UCP faculties, enhancing their capacity to effectively and ethically integrate AI into academic research.

Second Batch of AI in Teaching and Learning Workshop Trains Over 120 UCP Faculty Members



The Office of Research, Innovation & Commercialization (ORIC), in collaboration with the Learning Innovation Centre (LIC), conducted Day 2 – Artificial Intelligence in Academics under its Generative AI faculty training series.

Led by Prof. Dr. Muhammad Akhyar Farrukh (Director ORIC), the workshop provided hands-on training on using AI tools for course design, lesson planning, assessments, and classroom engagement. It also introduced AI-based approaches to developing learning outcomes and rethinking Bloom’s Taxonomy in the digital era.



With over 120 participants from across UCP’s nine faculties, the workshop reinforced UCP’s commitment to advancing faculty capacity, integrating AI in pedagogy, and fostering innovative, future-ready teaching practices.

Pillar 5: Infrastructure and Core Facilities

ORIC Launches Commercialization Drive at FMCC Media Labs| July 1, 2025



ORIC-UCP, led by Pro-Rector Prof. Dr. Hammad Naveed, Director ORIC & Research Prof. Dr. Muhammad Akhyar Farrukh, and Dean FMCC Prof. Dr. Fawad Baig, visited the Faculty of Media and Mass Communication to review its advanced media production and creative labs. Facilities such as podcast studios, video editing suites, and photography/videography setups were assessed for their potential in academic training and external commercial use.

The initiative aims to enhance student exposure to real-world projects while positioning UCP as a hub for media innovation and industry collaboration.

ORIC Engages FoIT&CS Faculty on IT & Computing Commercialization| July 8, 2025

ORIC-UCP held an interactive session with the Faculty of Information Technology & Computer Science to explore commercialization opportunities in emerging tech domains.



Led by Pro-Rector Prof. Dr. Hammad Naveed, Director ORIC & Research Prof. Dr. Muhammad Akhyar Farrukh, and

Dean Dr. Muhammad Amjad Iqbal, the session mapped faculty expertise to industry demands in AI-driven analytics, IoT, cybersecurity, cloud computing, data science, and intelligent automation. Faculty highlighted ongoing projects with strong potential for real-world applications and industry partnerships.

Pillar 6: Internationalization

Sri Lanka Institute of Information Technology (SLIIT), Sri Lanka and FOST-UCP



Faculty of Science and Technology has signed a Memorandum of Understanding with the Sri Lanka Institute of Information Technology (SLIIT), Sri Lanka, marking a significant step toward international academic collaboration. The ceremony was graced by prominent academic leaders from both institutions. From UCP, Dr. Hammad Naveed (Pro-Rector), Dr. Hafiza Rizwana Kausar (Dean, FOST), Dr. Muhammad Naveed (Professor, Department of Biotechnology), Dr. Mohsin Gulzar Barq (Faculty Industry Liaison Officer, FOST), and Mr. Sikandar Sethi (Director, International Office) represented the university. From SLIIT, the esteemed delegation included Prof. Nimal Rajapakse (Deputy Vice Chancellor), Dr. Malitha Wijesundara (Dean, Faculty of Humanities and Sciences), and Dr. Jagath Kasturiarachchi (Assistant Professor).



This MoU aims to foster collaborative research, joint academic programs, faculty and student exchanges, and the co-development of innovative scientific initiatives.

International Symposium at UCP

Held on September 23, 2025



The Department of Basic & Applied Chemistry, University of Central Punjab, proudly hosted its first-ever International Symposium.

The event brought together world-renowned scientists and researchers from USA, UK, Austria, Greece, Brazil, Cyprus, Oman, Iraq, and Pakistan, who shared groundbreaking insights in nanoscience, energy materials, analytical chemistry, medicinal chemistry, and computational modeling.



Keynote sessions featured distinguished speakers including Dr. M. Farooq Wahab (Texas University Arlington, USA), Dr. Thomas Webster (Columbia University, USA, Nobel Nominee), Dr. Melita & Mr. Christos (Cyprus University of Technology), and Dr. Sarah Haris (University of Sheffield, UK), among many others.



The symposium served as a vibrant platform for scientific exchange, interdisciplinary collaboration, and innovative ideas.

A special vote of thanks goes to Dr. Muhammad Perviaz, whose dedication and tireless efforts as the organizer made this international event a great success





Director ORIC/Patron

• Prof. Dr. Muhammad Akhyar Farrukh



Designed By

• Nagina Rafiq
• (Research Associate - Innovation & Communication)



Data Contributor

• Adeel Ahmad
• (Manager of Journal and Conferences)



Data Contributor

• Dr. Faiza Anum
• (Research Associate - FIPP & IAL)



Data Contributor

• Faiza Qayyum Khan
• (Research Associate - Research)



Data Contributor

• Malik Abdul Rahim
• (Research Associate - Commercialization & Consultancy)

FOLLOW US



Website



Linkeldn



Facebook



Instagram

University Of Central Punjab

Khayabane-e-Jinnah, Avenue-1, Johar Town, Lahore, Pakistan. Tel: 92-42-35880007 Ext: 343

E-mail: oric@ucp.edu.pk