

Volume 02, Issue 01

ORIC E-Newsletter

July-September, 2024



+92-42-35880007



www.ucp.edu.pk



oric@ucp.edu.pk

Table of Contents

01	Director's Message	01
02	About UCP ORIC	02
03	Top Cited UCP Researchers	03
04	Faculty Industry Placement Program (FIPP)	07
05	Faculty wise Publication Details	14
06	UCP Research Journals	24
07	Workshops Arranged/Organized by ORIC	26
08	Sessions Arranged/Organized by ORIC	28
09	Events Participated by ORIC	30
10	Signed Memorandum of Understanding (MoU)	39
11	NGIRI-IGNITE Short Listed Projects for 2023-2024	40
12	Research Grants	42
13	ORIC Steering Committee Meeting	43

Office of Research, Innovation & Commercialization (ORIC)



Director's Message:

As the Director of UCP's Offices of Research, Innovation, and Commercialization, I consider it an honor to be a part of the University's culture of excellence in knowledge, research, and entrepreneurship. This edition of ORIC newsletter give you an update and achievements in the Office of Research, Innovation, and Commercialization's operations. The Office of Research, Innovation, and Commercialization (ORIC) is responsible for facilitating high-quality research, innovation activities, and their commercialization at the university. Over the past year, ORIC has worked with the Faculty and Researchers to guide research-led initiatives and to assist researchers in the grant application process, as well as in promoting innovation, commercialization, collaboration, and capacity building. I would like to acknowledge the higher management including Pro-Rector, Faculty, and Staff for their unwavering support towards the ORIC activities.

Director ORIC








About UCP ORIC:

The Office Of Research, Innovation & Commercialization (ORIC) endeavors to identify core competencies and areas Of focus within UCP that aligns the research and innovative activities at the university with national and global needs. ORIC markets the strengths of the University faculty for resource mobilization and conducting interdisciplinary research. To cater to the needs of the society, ORIC coordinates and fosters innovative ideas leading to commercialization and entrepreneurial growth. ORIC is also responsible for the establishment of strong university industry linkages for transferring technology and innovations and solving complex societal problems through e robust collaborative approach.




Services Offered at UCP ORIC:




1. Enhance research quality, promoting innovation and commercialization.
2. Identify, build, protect and market the intellectual property.
3. Provide support to the researchers to access relevant research data.
4. Strengthen institutional collaboration between UCP research community and potential users of research.
5. Provide research incentives to researchers for encouraging research culture and to recognize their contributions to research.
6. Assist faculty with contract or agreement sign-offs, content and data transfer arrangements and invention and patenting.
7. Generate Revenues from Research Commercialization / Technology Transfer

Top Cited UCP Researchers (July - September, 2024)

Sr. No.	Name	Picture	Designation/ Faculty	Citations	H-index	i10-index
1.	Dr. Muhammad Naveed		HoD/Associate Professor/ (FOST)	8999	34	73
2.	Dr. Jawad Abbas		Assistant Professor/ Faculty of Management Sciences (FOMS)	5505	39	51
3.	Dr. Muzammil Hussain		Associate Professor/ (FOIT&CS)	4254	40	44
4.	Dr. Sumera Zaib		HoD/Associate Professor/ (FOST)	4114	35	105
5.	Dr. Muhammad Akhyar Farrukh		Acting Dean/ Professor/ (FOST)	3044	31	71

Sr. No.	Name	Picture	Designation/ Faculty	Citations	H-index	i10-index
6.	Dr. Ghulam Jilany Khan		Associate Professor/ (FOPS)	3000	26	49
7.	Dr. Khalida Naseem		Assistant Professor/ (FOST)	2850	28	52
8.	Dr. Hafiz Rizwan Sharif		Associate Professor/ (FOST)	2713	18	28
9.	Dr. Shahid Saeed Siddiqi		HoD/Professor Faculty of Science & Technology (FOST)	2140	29	55
10.	Dr. Mahtab Ahmad Khan		Dean/ Professor/ (FOPS)	2109	18	32

Sr. No.	Name	Picture	Designation/ Faculty	Citations	H-index	i10-index
11.	Dr. Saira Andleeb Gillani		Professor/ (FOIT&CS)	2089	17	20
12.	Dr. Muhammad Jamshaid		Professor/ (FOPS)	1833	26	46
13.	Dr. Ahmad Faisal Imtiaz Siddiqi		Professor/ (FOMS)	1761	19	25
14.	Dr. Muhammad Zaman		Associate Professor/ (FOPS)	1641	22	56
15.	Dr. Muhammad Riaz		Assistant Professor/ (FOST)	1500	19	33

Sr. No.	Name	Picture	Designation/ Faculty	Citations	H-index	i10-index
16.	Dr. Raja Irfan Sabir		Associate Professor/ (FOMS)	1497	20	32
17.	Mr. Farahat Ali		Senior Lecturer/ (FMMC)	1387	13	17
18.	Taimoor Hassan		Senior Lecturer/ (FMMC)	1172	18	25
19.	Dr. Babar Hussain		Assistant Professor/ (FOST)	1141	15	21
20.	Dr. Sadaf Hameed		Assistant Professor	1003	16	20

Faculty Industry Placement Program (FIPP)

August-September, 2024

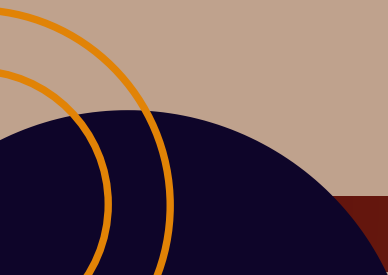
The Faculty Industry Placement Program helps faculty members gain real-world industry experience to enhance their teaching and research. By spending time in relevant industries, faculty can:

- 1.Improve their practical knowledge and skills.
- 2.Build relationships with industry professionals, leading to collaboration opportunities.
- 3.Stay updated on current trends and technologies in their field.
- 4.Bring real-life examples and insights into their classrooms, enriching students' learning experiences.
- 5.Understand the skills and knowledge that industries require, helping them tailor academic programs to better prepare students for the job market.

This program fosters a stronger connection between academia and industry, making education more relevant and up-to-date.

Sr. No.	Faculty Members Names	Faculty	Faculty Member's Domain	Industry Name	Date
1	Dr. Ghulam Jilany Khan	FOPS	Pharmaceutics, Pharmacology	Masood Pharmaceuticals Ltd.	02-06 September
2	Miss Samreen Tanveer			Avanza Pharmaceutical Private Limited	1-7 August
3	Dr. Muhammad Saleem	FOST	Biotechnology Plant Biotechnology Genetics	Plant manager mega Pharmaceuticals limited	5-16 August
4	Dr. Babar		Biochemistry	Weltop Seeds Ltd.	2-6 September

Sr. No.	Faculty Members Names	Faculty	Faculty Member's Domain	Industry Name	Date
5	Ms. Sadia Zia	FOST	Food Science & Technology	TTI	19-23 August
6	Ms. Maria Haris			TTI	19-23 August
7	Dr. Mohsin Gulzar Barq			Atlas Foods Ltd	12-16 August
8	Dr. Mudassar Ali			Tanbits	26-30 August
9	Dr. Muzammil Hussain	FOIT&CS	Computer Sciences	Pikes Soft	19-23 August
10	Dr. Rabia Tehseen			Siemens group	26-30 August
11	Shah Nawaz			ML Bench	12-16 August
12	Taimoor Hassan			Tanbits	26-30 August



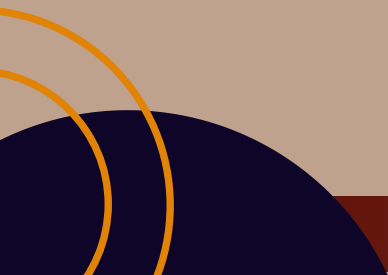
Sr. No.	Faculty Members Names	Faculty	Faculty Member's Domain	Industry Name	Date
13	Sidra Naureen	FOIT&CS	Computer Science	Tanbits	26-30 August
14	Nabeel Ahsan			Techlogix	12-16 August
15	Afifa Hameed			ML Bench	19-23 August
16	Rizwan Rasheed			ML Bench	5-9 August
17	Muhammad Noman			Devtrain	20-24 August
18	Awais Muhammad Lodhi		Software Engineering	Siemens Group	26-30 August
19	Malik Junaid Aziz			Pikes Soft	26-30 August
20	Rabia Arshad			ML Bench	19-23 August
21	Faiza Khadim			Pikes Soft	26-30 August
22	Hina Tahir			Siemens group	26-30 August
23	Dr. Shazia Saqib			Xeven solutions	19-23 August

Sr. No.	Faculty Members Names	Faculty	Faculty Member's Domain	Industry Name	Date
24	Dr. Aisha Hakim	FMMC	Media & Mass Communication	Message Communication	19-23 August
25	Ashbeelah Shafaqat Ali			Solutyics	12-16 August
26	Mariam Irshad			Samaa TV	19-23 August
27	Mariyam Idrees			Samaa TV	19-23 August
28	Dr. Sadaf Zahra			Message Communication	19-23 August
29	Tabina Sirhindi			Solutyics	12-16 August
30	Dr. Adnan Fateh	FHSS	Psychology	Vital Petroleum	19-23 August
31	Ms. Shagufta Shaeen			IBEX Global - The Resource Group Company	12-16 August

Sr. No.	Faculty Members Names	Faculty	Faculty Member's Domain	Industry Name	Date
32	Ms. Sidra Maryam	FHSS	General Education	Ministry of finance, Islamabad	2-16 September
33	Dr. Abdul Mateen Khan			LCCI	29 July - 2 August
34	Asad Pervaiz			LCCI	29 July - 2 August
35	Dr. Sawaira			Centre for Pakistan studies, PU	29 July - 2 August
36	Syeda Ayesha Noor			Fruits of sustainability	2-6 September
37	Arooj Nazir			PILL, Pakistan Institute of Living and Learning	19 to 23 August
38	Engr Maria Talib	FOE	Civil Engineering	Izhar Group	24-27 September
39	Engr Burhan Ahmed			Izhar Group	24-27 September

Sr. No.	Faculty Members Names	Faculty	Faculty Member's Domain	Industry Name	Date
40	Engr. Nabeel Khalid	FOE	Electrical Engineering	Bless Engineering	26 August - 6 September
41	Engr. Aamir Hayat			LED bulb manufacturing company "HITEC GLOW"	30 September - 4 October
42	Mr. Jalil Asghar			10X Engineers	19-23 August
43	Engr. Muhammad Abdullah		Mechanical Engineering	Albario Engineering (Pvt) Ltd	2-6 September
44	Engr. Waseem Iqbal			Albario Engineering (Pvt) Ltd	2-6 September
45	Rida Khawar	FOL	Family Dispute Resolution (FOL)	Ahsan Legal Services,	2-13 September
46	Freeha khaled			The Legal Mentors	2-13 September
47	Dr. Rahat Bashir	FLL	Languages & Literature	Deaf Reach	29 July - 2nd August
48	Ms. Rameesha Haris			Deaf Reach	29 July - 2nd August
49	Ms. Nosheen Asghar			Deaf Reach	29 July - 2nd August

Sr. No.	Faculty Members Names	Faculty	Faculty Member's Domain	Industry Name	Date
50	Dr. Ahmad Faisal Imtiaz Siddiqui	FOMS	Business / Management Sciences /HR	Siemens	26-30 August
51	Dr. Haroon Qasim			Sweet sixteen	5-10 August
52	Dr. Rizwan Ali			Sweet sixteen	5-10 August
53	Mr. Abdur Rehman			Alkhidmat	19-30 August
54	Mr. Ahsan Ali Siddiqui			Shafi Reso Chemicals (SRC)	9-13 September
55	Mr. Kashif Butt			Shafi Reso Chemicals (SRC)	9-13 September



FIPP Gallery



Syeda Ayesha Noor at Fruits of Sustainability



Sadia Zia at Tti Laboratories



Eng. Maria Talib & Engr. Burhan Ahmad at Galleria Residences & LUMS Site



Dr. Muddasir Ali, Taimoor Hassan & Sidra Naureen at Tanbits

Faculty wise Publication Details
(July-September, 2024)
FOST Publication List

Sr. No.	Faculty Member Name	Designation	HEC Cat	Journal	Impact Factor	Title
1	Dr Hira Mubeen, Ammara Masood & Asma Zafar	Assistant Professor & Senior Lecturer	W	Irish Journal of Medical Science	2.1	Insights into AlphaFold’s breakthrough in neurodegenerative diseases
2	Dr. Kanza Aziz Awan	Assistant Professor	W	Foods	4.7	Unveiling the Chemistry of Citrus Peel: Insights into Nutraceutical Potential and Therapeutic Applications
3	Dr. Sumera Zaib	HoD/ Associate Professor	W	International Journal of Biological Macromolecules	7.7	Design and discovery of anthranilamide derivatives as a potential treatment for neurodegenerative disorders via targeting cholinesterases and monoamine oxidases
4	Dr. Sumera Zaib	HoD/ Associate Professor	W	Journal of Molecular Structure	4	Hydrogen bonding, halogen bonding and C–H... π interactions governing the supramolecular architecture of 1-(4-(4-bromophenyl)piperazin-1-yl)-2-chloroethan-1-one: Insights from X-ray crystallography, DFT calculations and urease inhibitory assessment
5	Dr. Shafiq ur Rehman	Associate Professor	W	Journal of Alloys and Compounds	5.8	Recent trends in metal-organic framework-based photocatalysts for Cr(VI) reduction: Confronts and prospects
6	Dr. Muhammad Akhyar Farrukh	Professor	W	Microscopy Research and Technique	2	Elucidating the structural, catalytic, and antibacterial traits of Ficus carica and Azadirachta indica leaf extract-mediated synthesis of the Ag/CuO/rGO nanocomposite

*Faculty wise Publication Details**(July-September, 2024)****FOST Publication List***

Sr. No.	Faculty Member Name	Designation	HEC Cat	Journal	Impact Factor	Title
7	Dr. Hafiz Rizwan Sharif	Associate Professor	W	Food Reviews International	5.3	A Comprehensive Review on Exploring the Nutraceutical Potential and Industrial Applications of Peach Waste
8	Dr. Hafiz Rizwan Sharif	Associate Professor	W	Food and Bioprocess Technology	5.3	Preparation, Characterization, and Controlled Release of Fenugreek Seed Extract-Loaded Nanoliposomes with Chitosan Surface Decoration
9	Dr. Muhammad Naveed	HoD/Associate Professor	Y	Open Chemistry	2.1	GC-MS analysis of Lactobacillus plantarum YW11 metabolites and its computational analysis on familial pulmonary fibrosis hub genes
10	Dr. Muhammad Naveed	HoD/Associate Professor	X	Zeitschrift fur Naturforschung - Section C Journal of Biosciences	1.8	Evaluating the MDCK cell permeability of greenly synthesized bimetallic Ag/Zn Nanoparticles using leaf extract of Vallaris solanacea as a potential antipesticide-resistant agent
11	Dr. Muhammad Naveed	HoD/Associate Professor	W	Scientific Reports	3.8	Optimizing the resveratrol fragments for novel in silico hepatocellular carcinoma de novo drug design
12	Dr. Muhammad Naveed	HoD/Associate Professor	Y	Frontiers in Bioscience - Landmark	3.3	Designing an mRNA Vaccine against P. jirovecii Involved in Fatal Pneumonia Infections via Comparative Proteomics and Reverse Vaccinology Approaches
13	Dr. Muhammad Naveed	HoD/Associate Professor	X	Zeitschrift fur Naturforschung - Section C Journal of Biosciences	1.8	Revolutionizing the probiotic functionality, biochemical activity, antibiotic resistance and specialty genes of Pediococcus acidilactici BCB1H via in-vitro and in-silico approaches

Faculty wise Publication Details
(July-September, 2024)

FOST Publication List

Sr. No.	Faculty Member Name	Designation	HEC Cat	Journal	Impact Factor	Title
14	Dr Muhammad Saad Tariq	Senior Lecturer	W	Physics Letters, Section A: General, Atomic and Solid State Physics	2.3	Optimizing optoelectronic properties and energy harvesting potential of Co-doped LaFeO3: A DFT-based investigation
15	Dr. Sumera Zaib	HoD/ Associate Professor	W	Bioorganic Chemistry	4.5	Evaluation of antifungal potentials of Albizia kalkora extract as a natural fungicide: In vitro and computational studies
16	Dr. Sumera Zaib	HoD/ Associate Professor	W	Journal of Molecular Structure	4	Energetic features of H-bonded and antiparallel π -stacked supramolecular assemblies in pyrazolones: Experimental, computational and biological analyses
17	Dr. Sumera Zaib	HoD/ Associate Professor	W	Scientific Reports	3.8	An evaluation of inflammatory and endothelial dysfunction markers as determinants of peripheral arterial disease in those with diabetes mellitus
18	Dr. Muhammad Akhyar Farrukh	Professor	W	Heliyon	3.4	Polymer-assisted synthesis of ternary magnetic graphene oxide nanocomposite for the adsorptive removal of Cr(VI) and Pb(II) ions
19	Dr. Amina Arif	Associate Professor	W	Biosensors and Bioelectronics	10.7	Tailoring molecular recognition in predesigned multifunctional enzyme mimicking porphyrin imprinted interface for high affinity and differential selectivity; sensing etoposide in lung cancer patients
20	Dr. Amina Arif	Associate Professor	X	Chelonian Conservation and Biology	0.9	DETECTION AND REMOVAL OF SEASONAL AFM1 OCCURRENCE IN VARIOUS MILK SAMPLES COLLECTED FROM DIFFERENT SHOPS OF LAHORE

Faculty wise Publication Details
(July-September, 2024)

FOST Publication List

Sr. No.	Faculty Member Name	Designation	HEC Cat	Journal	Impact Factor	Title
21	Dr. Amina Arif	Associate Professor	W	Frontiers in Medicine	3.1	Discovering the anti-diabetic potential of pomegranate peel metabolites by examining molecular interplay with the thioredoxin-interacting protein
22	Dr. Amina Arif	Associate Professor	W	South African Journal of Botany	2.7	Bioactive compounds isolated from Solanum nigrum remarkably inhibit cancerous activity in cancer cell lines
23	Dr. Muhammad Sajid Manzoor & Ukasha arqam	Assistant Professor & Associate Lecturer	W	Journal of Food Process Engineering	2.7	Rapid and non-destructive determination of total phenolic contents using UV–NIR spectroscopy of dehydrated mushroom (Lentinus edodes)
24	Qurat-ul-Ain	Associate Lecturer	W	PLoS ONE	3.7	An optimal B-spline approach for vectorizing raster image outlines
25	Dr Nimra Afzal	Assistant Professor	X	Archives of Microbiology	2.3	Microorganism-mediated biodegradation for effective management and/or removal of micro-plastics from the environment: a comprehensive review

Faculty wise Publication Details
(July-September, 2024)
FOMS Publication List

Sr. No.	Faculty Member Name	Designation	HEC Cat	Journal	Impact Factor	Title
1	Dr. Kashif Ali	Assistant Professor	W	Business Strategy and the Environment	12.5	Green servitization, circular economy, and sustainability a winning combination analysis through hybrid SEM-ANN approach
2	Dr. Ata Ul Musawir	Assistant Professor	W	Project Management Journal	5.1	Revisiting the Principal-Agent Framework in the Context of Projects: Drawing Parallels with Corporate Governance
3	Dr. Jawad Abbas	Assistant Professor	W	Technological Forecasting and Social Change	12.9	Does the nexus of corporate social responsibility and green dynamic capabilities drive firms toward green technological innovation? The moderating role of green transformational leadership
4	Dr. Amina Rizwan & Dr. Shabana Naveed	Assistant Professor & Associate Professor	W	Journal of Entrepreneurship and Public Policy	1.5	Prospects for institutionalization of crowdfunding: a developing country perspective
5	Dr. Jawad Abbas	Assistant Professor	W	Environment, Development and Sustainability	4.7	Role of environment-driven CSR, green servant leadership, and green dynamic capabilities in firm green innovation: Evidence from manufacturing industry
6	Dr. Kashif Ali	Assistant Professor	W	Total Quality Management and Business Excellence	3.9	Driving sustainability in industry 5.0 through sociotechnical approach of quality management

Faculty wise Publication Details

(July-September, 2024)

FOMS Publication List

Sr. No.	Faculty Member Name	Designation	HEC Cat	Journal	Impact Factor	Title
7	Dr. Kashif Ali	Assistant Professor	X	Foresight	2.3	Total quality management in manufacturing firms: current and future trends
8	Dr. Sami Ullah	Assistant Professor	X	International Journal of Innovation Science	3	Integrating external stakeholders for improvement in green innovation performance: role of green knowledge integration capability and regulatory pressure
9	Dr. Shabana Naveed	Associate Professor	W	Journal of Organizational Effectiveness	3	A bibliometric review on sustainable human resource management (1982–2023)
10	Dr. Waqar Ahmed	Assistant Professor	W	Humanities and Social Sciences Communications	3.7	Enhancing organizational sustainable innovation performance through organizational readiness for big data analytics
11	Dr Abdul Waheed & Dr. Kashif Ali	HoD/ Associate Professor & Assistant Professor	X	TQM Journal	3.8	Synergistic role of TQM 4.0 toward industry 4.0 readiness: a sociotechnical perspective of selected industries
12	Dr. Kashif Ali	Assistant Professor	X	Systems	2.3	Blockchain-Based Security Factors on Sustainable Supply Chain Management in UK Manufacturing Firms: A Hybrid SEM-ANN Approach

Faculty wise Publication Details
(July-September, 2024)

FOPS Publication List

Sr. No.	Faculty Member Name	Designation	HEC Cat	Journal	Impact Factor	Title
1	Dr Mahtab Ahmad Khan & Huma Hameed	Dean/Professor Assistant Professor	X	Journal of Microencapsulation	3.9	Liposomes like advanced drug carriers: from fundamentals to pharmaceutical applications
2	Huma Hameed	Assistant Professor	W	Naunyn-Schmiedeberg's Archives of Pharmacology	3.1	Comprehensive insights on treatment modalities with conventional and herbal drugs for the treatment of duodenal ulcers
3	Dr Muhammad Zaman & Dr Huma Hameed	Associate Professor & Assistant Professor	Y	Polymer-Plastics Technology and Materials	2.7	DMARDS incorporated injectable hydrogels in cartilage tissue regeneration: a review
4	Dr. Hafiz Shoaib Sarwar	Assistant Professor	W	ACS Omega	3.7	Cholic Acid-Grafted Thiolated Chitosan-Enveloped Nanoliposomes for Enhanced Oral Bioavailability of Azathioprine: In Vitro and In Vivo Evaluation

Faculty wise Publication Details
(July-September, 2024)

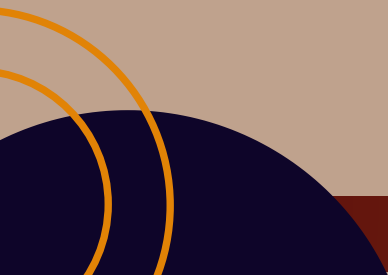
FOIT&CS Publication List

Sr. No.	Faculty Member Name	Designation	HEC Cat	Journal	Impact Factor	Title
1	Dr. Saeed Iqbal Khattak	Assistant Professor	X	Frontiers in Computational Neuroscience	2.1	Hybrid deep spatial and statistical feature fusion for accurate MRI brain tumor classification
2	Rabia Arshad	Senior Lecturer	W	Energy Reports	4.7	Empirical design and comprehensive analysis of multiport converter in distributed generation enabled microgrids
3	Dr. Muhammad Zubair	Assistant Professor	W	Sustainability	3.3	Unveiling the Correlation between Nonfunctional Requirements and Sustainable Environmental Factors Using a Machine Learning Model
4	Dr. Saira Andleeb Gillani	Professor	W	IEEE Access	3.4	A Multifaceted Approach to Stock Market Trading Using Reinforcement Learning

Faculty wise Publication Details
(July-September, 2024)

FHSS Publication List

Sr. No.	Faculty Member Name	Designation	HEC Cat	Journal	Impact Factor	Title
1	Uzma Ilyas	Senior Lecturer	Y	Rawal Medical Journal	0.4	Social anxiety disorder in Asian adolescents and parenting: A systematic review
2	Uzma Ilyas	Senior Lecturer	X	Malaysian Journal of Medical Sciences	1.1	Temporal Framework and Biological Indicators of Non-Suicidal Self-Injury and Related Behaviours
3	Dr. Alia Asmat	Associate Professor	W	Death Studies	3.8	Beyond bereavement: Identifying risk and protective factors for prolonged grief disorder



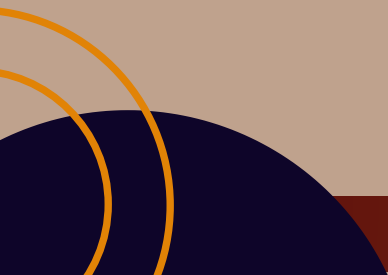
Faculty wise Publication Details
(July-September, 2024)

FLL Publication List

Sr. No.	Faculty Member Name	Designation	HEC Cat	Journal	Impact Factor	Title
1	Dr. Tahir Saleem & Dr. Muhammad Aslam	Professor & Associate Professor	W	Asian-Pacific Journal of Second and Foreign Language Education	1.5	Exploring global linguistic nuances: analyzing region-specific inflectional morpheme frequency in ICNALE

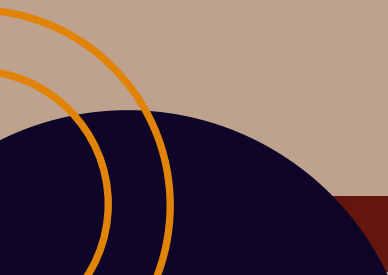
FOE Publication List

Sr. No.	Faculty Member Name	Designation	HEC Cat	Journal	Impact Factor	Title
1	Dr. Sadaf Zeeshan	Assistant Professor	W	Energy Conversion and Management: X	7.1	A review of major trends, opportunities, and technical challenges in biodiesel production from waste sources



UCP Research Journals

Sr No.	Journal Name	Volume/Issue	Span	Publication Status
1	UCP Journal of Law & Legal Education (UCP-JLLE) ISSN 2958-065X (Print) 2959-8710 (Online)	Vol. 2, Issue 2	Jan 24 - June 24	Published (15-08-2024)
2	UCP Journal of Business Perspectives (UCP-JBP) ISSN: 3005-8961(Print) 3005-897X (Online)	Vol. 2, Issue 1	Jan 24 - June 24	Published (20-08-2024)
3	UCP Journal of Engineering & Information Technology (UCP-JEIT) ISSN: - 3005-8007 (Print) 3005-8015 (Online)	Vol.2, Issue 1	Jan 24 - June 24	Published (25-09-2024)



HEC Recognition of UCP Journals

1. UCP Journal of
Languages & Literature



ISSN: 3005-6586, 3005-6594

2. UCP Journal of Engineering
& Information Technology



ISSN: 3005-8007, 3005-8015

3. UCP Journal of Science and
Technology (UCP-JST)



ISSN: 3005-5563, 3005-5571

4. UCP Journal of Humanities
& Social Sciences



ISSN: 2958-6887, 2958-6895

Workshops Arranged/Organized by ORIC (July-September, 2024)

Intellectual Property Rights (IPs)

A comprehensive Intellectual Property Rights workshop was organized by Office of Research Innovation and Commercialization (ORIC) from **7th August to 4th September (5 sessions)**, led by focal persons **Ms. Shakra Khurshid** and **Mr. Saad Nasrullah**. This workshop provided in-depth insights into patents, including **techniques for filing** and protecting intellectual property. Participants gained valuable knowledge about copyrights and design protection, learning the essential steps to safeguard their creative and innovative work. The sessions were interactive, fostering a deeper understanding of IP rights and their application in various fields. The event successfully equipped attendees with practical tools and strategies for managing intellectual property efficiently.



Workshops Arranged/Organized by ORIC (July-September, 2024)

Intellectual Property Rights Schedule (IPs)

ORIC - IPs Workshops UCP (Program)			(Venue: Takhleeq Basement Board Room)	
Sr.	Resource Person	Topic	Time	Date & Day
1	Ms. Shakra Khurshid (Assistant Controller of Patent)	IPs- Basic Concepts with Application Procedure	2:00-4:00 PM	7th August, 2024 (Wednesday)
1a	Ms. Shakra Khurshid (Assistant Controller of Patent)	IPs- Basic Concepts (M Phil/PhD) Students/FMs (Panel Discussion)	3:00-4:00 PM	7th August, 2024 (Wednesday)
2	Mr. Saad Nasarullah (IPs expert)	Introduction to Design and Application Procedure	2:00-4:00 PM	13th August, 2024 (Tuesday)
3	Ms. Shakra Khurshid (Assistant Controller of Patent)	Introduction to Copyrights and Application Procedures	2:00-4:00 PM	21st August, 2024 (Wednesday)
4	Ms. Shakra Khurshid (Assistant Controller of Patent)	Introduction to Patent System in Pakistan & Filing Guidelines	2:00-4:00 PM	28th August, 2024 (Wednesday)
5	Ms. Shakra Khurshid (Assistant Controller of Patent)	Patent Drafting Techniques & Exercise	1:00-3:00 PM	4th September, 2024 (Wednesday)
6	Ms. Shakra Khurshid (Assistant Controller of Patent)	Patent Drafting Techniques & Exercise	3:00-4:00 PM (Closing Ceremony after 4 pm)	4th September, 2024 (Wednesday)

*Workshops Arranged/Organized by
ORIC (July-September, 2024)*

Research Proposals & Grants (RPGs) Workshop

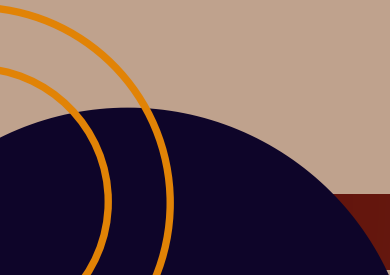
The Office of Research, Innovation, and Commercialization (ORIC) successfully organized a dynamic Research Proposals and Grants Workshop on 5th to 6th September. The session, chaired by the **Dr. Hammad Naveed (Pro-Rector UCP)**. Led by **Dr. Akhyar Farrukh**, the workshop offered invaluable insights into the intricate process of securing research funding. Participants were guided through practical strategies for crafting compelling proposals and navigating the competitive landscape of grant applications. The event created an interactive platform for researchers to enhance their skills, fostering a deeper understanding of the proposal development process. **Dr. Akhyar Farrukh** expertise and commitment made the workshop an enriching experience for all attendees, empowering them to pursue their research goals confidently. **Dr. Hammad Naveed's** leadership added depth to the discussion, ensuring a productive and enlightening experience for all involved.



*Workshops Arranged/Organized by
ORIC (July-September, 2024)*

Research Proposals & Grants (RPGs) Schedule

RESEARCH PROPOSALS & GRANTS-CHALLENGES AND OPPORTUNITIES (Program)				
Slots	Resource Person	Topic	Time	Date & Day
Day-1	Dr. Shahid Raza (Director ORIC-UCP)	RESEARCH PROPOSALS & GRANTS (RP&G)- BRIEF INTRODUCTION	10:00-10:30 am	5th September, 2024 (Thursday)
	Dr. Hammad Naveed (Pro-Rector, UCP)	RESEARCH PROPOSALS & GRANTS (RP&G)- PRACTICAL TIPS	10:30-11:30 am	
	Prof. Dr. Muhammad Akhyar Farrukh (Professor of Chemistry, UCP)	RESEARCH PROPOSALS & GRANTS (RPG)- BASIC TECHNIQUES AND WINNING STRATEGY	10:30 am -12:30 pm	
Day-2	Dr. Shahid Raza (Director ORIC-UCP)	RESEARCH PROPOSALS & GRANTS (RP&G)- BRIEF INTRODUCTION	10:00-10:30 AM	6th September, 2024 (Friday)
	Prof. Dr. Muhammad Akhyar Farrukh (Professor of Chemistry, UCP)	RPGs AND COMMERCIALIZATION (INDUSTRY)	10:30 AM-12:00 PM	
		CONCLUDING CEREMONY	12:00-12:30 PM	



PERIDOT Grant Session Arranged/Organized by ORIC (July-September, 2024)

PERIDOT Grant Session Phase 11

The **PERIDOT Grant Session Phase 11**, expertly conducted by **Dr. Arslan Tariq Rana**, provided an insightful platform for researchers to explore collaborative funding opportunities between Pakistan and France. Dr. Rana skillfully guided participants through the grant application process, highlighting essential criteria for success and offering strategies to craft competitive proposals. The session fostered a deeper understanding of the PERIDOT program's objectives, equipping Faculty Members with the knowledge to pursue joint research projects.



FIPP Panel Session Arranged/Organized by ORIC (July-September, 2024)

FIPP Panel Discussion/Interactive Session

Office of Research Innovation & Commercialization (ORIC) organized the **Faculty Industry Placement Program Panel Discussion/Interactive Session**, where faculty members and industrialists came together to share their valuable experiences. The session, chaired by the **Dr. Hammad Naveed (Pro-Rector UCP)**, fostered meaningful dialogue between academia and industry, highlighting the benefits and challenges of faculty placements in industrial settings. Faculty members discussed the impact of their placements in various industries, while industrialists offered perspectives on collaboration with academia. This exchange of knowledge and experiences provided a deeper understanding of the program's impact on research, innovation, and professional growth, making it a significant step toward strengthening academic-industry partnerships. **Dr. Hammad Naveed's** leadership added depth to the discussion, ensuring a productive and enlightening experience for all involved.



Events Participated by ORIC (July-September, 2024)

Paper, Tissue, Plastic & Packaging Asia 2024

The Paper, Tissue, Plastic & Packaging Asia 2024 was organized to bring together industry leaders, professionals, and innovators from the paper, tissue, plastic, and packaging sectors. The event facilitated networking, knowledge exchange, and business opportunities among participants, with a focus on driving innovation and sustainability in the industry.

Purpose:

- Showcasing Innovations.
- Networking Opportunities.
- Sustainable Practices.
- Market Expansion.



Events Participated by ORIC (July-September, 2024)

Food, Agriculture, Rice & Hospitality Show 2024

The Food, Agriculture, Rice & Hospitality Show 2024 was a noteworthy event that brought together key players from the food, agriculture, rice, and hospitality industries. Exhibitors from around the world presented a diverse array of products, from innovative agricultural techniques to gourmet food offerings and advanced hospitality solutions. The show was particularly focused on sustainable practices, with many exhibitors highlighting eco-friendly farming methods, organic food products, and sustainable hospitality services.

Purpose:

- Foster collaboration.
- > Networking Opportunities.
- > Business development.
- > Market Expansion.





Invitation

You are Cordially Invited to Grace the

Future FoodTech Summit

(Sustainable, Technological & Innovation Landscape)

09-11 August 2024
Lahore Expo Centre, Pakistan

R.S.V.P.

Rana Awais Khan
Chairman
National Alliance for Safe Food
+92 324 6128 713

Dr. Hafiz Rehan Nadeem
President
National Alliance for Safe Food
+92 312 4787572

Summit Themes

- Food Security in a Changing Climate
- Artificial Intelligence and IoT Based Food Revolution
- Traceability and Waste Reduction in the Food Chain
- Navigating the Harmonized Policy, Regulatory and Standards Requirements
- Smart and Sustainable Food Packaging and Carbon Footprint of Food Transportation

Events Participated by ORIC (July-September, 2024)

SEE Pakistan 2024

The SEE Pakistan initiative likely refers to an effort or program aimed at promoting Sustainable, environmentally friendly, and Ecological development within Pakistan.

Purpose:

- Promote Sustainable Development.
- Support Green Innovations.
- Boost Eco-Tourism.
- Community Engagement.



Events Participated by ORIC (July-September, 2024)

9th Color & Chemical Expo 2024

The 9th Color and Chemical Expo is a specialized event that focuses on the chemical, dye, and pigment industries in Pakistan. The event typically gathers key stakeholders from various sectors such as textiles, paints and coatings etc.

Purpose:

- Foster Innovation in Chemical Engineering.
- Facilitate Business Networking.
- Promote Sustainable Solutions.
- Knowledge Sharing and Collaboration.



Events Participated by ORIC (July-September, 2024)

Heart Festival 2024

The Heart Festival 2024, held at Expo, was a vibrant celebration of culture, art, and community. It featured diverse performances, interactive exhibits, and a showcase of global traditions, bringing together people from around the world. The festival created an immersive experience, promoting unity and creativity through music, dance, and visual arts.

Purpose:

- Foster cultural exchange.
- Promote global unity through art, music, and community engagement.
- Inspiring collaboration and mutual understanding across cultures..



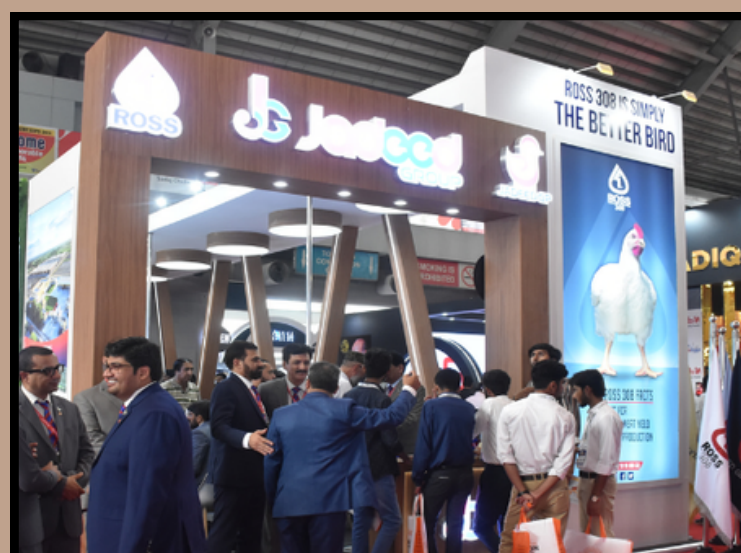
Events Participated by ORIC (July-September, 2024)

International Poultry Expo

The International Poultry Expo, held annually, brought together industry experts, suppliers, and producers from around the world. It featured exhibitions showcasing the latest advancements in poultry technology, feed, and health management. The event fostered networking opportunities and discussions on trends and challenges within the poultry industry.

Purpose:

- Platform for poultry industry professionals to connect.
- Explore innovations in poultry production.
- Promote industry growth.



Signed Memorandum of Understanding (MoU)

Sr No.	MoU Title	Faculty	Signing Date
1	MoU between CarePlus Pharmacy, Lahore and UCP	FOPS	10 July, 2024
2	MoU between Water CareServices Pakistan (WCSP), and UCP	FOST	31 July, 2024
3	MoU Between Ihsan Trust and UCP	FOMS	24 September, 2024
4	MoU Between Comprehensive Disaster and Responsive Services (CDRS) and UCP	FLL	30 September, 2024
5	MoU Between Deaf Welfare and Awareness Foundation (DWAF) and UCP	FLL	30 September, 2024
6	MoU Between Times Consultant and UCP	FLL	30 September, 2024

NGIRI-IGNITE Short Listed Projects Submitted for Funding 2023-2024

Sr No.	FYP Code	FYP Title	Department	Supervisor's Name
1	NGIRI-2024-26577	'Intellidish'	Computer Science	Muhammad Zulkifl Hassan
2	NGIRI-2024-26813	'AI-Powered Communication Assistant for the Hearing and Speech Impaired'	Computer Science	Mohsin Sami
3	NGIRI-2024-27557	'Mango Disease Detector'	Computer Science & IT	Sadia Aslam
4	NGIRI-2024-29778	'The AuraGuid: Visual Assistive AI System for the Blind'	Computer Science & IT	Dr Irfan Anjum
5	NGIRI-2024-29882	'Autism Therapeutic Chabot: Empowering Hearts and Minds '	Computer Science	Dr Rabia Tehseen
6	NGIRI-2024-26571	'CIPHERFALL THE DIGITAL REVOLUTION BEGINS'	Computer Science & IT	Muhammad Zulkifl Hassan
7	NGIRI-2024-26304	'Design and Fabrication of Five axis CNC Milling machine '	Mechanical Engineering	Engr. Muhammad Abdullah

NGIRI-IGNITE Short Listed Projects Submitted for Funding 2023-2024

Sr No.	FYP Code	FYP Title	Department	Supervisor's Name
8	NGIRI-2024-24078	'Advancing Environmental Monitoring and Remote Sensing through CubeSat a Student Satellite'	Electrical Engineering	Dr Muhammad Kamran Saleem
9	NGIRI-2024-24590	'Design and Fabrication of an industrial articulated pick and place mobile robot '	Mechanical Engineering	Engr. Ahmad Farid Abbas
10	NGIRI-2024-27452	'Designing A motor driven vertical stair chair li '	Mechanical Engineering	Engr. Taimur Iqbal Qureshi
11	NGIRI-2024-29779	'Istifada'	Computer Science & IT	Asif Farooq
12	NGIRI-2024-29808	'AgroMarketHub'	Computer Science	Asad Kamal
13	NGIRI-2024-24607	'SINGLE-CELL SOLID OXIDE CO2 ELECTROLYZER FOR THE CONVERSION OF CO2 TO FUEL'	Mechanical Engineering	Dr Muhammad Kashif
14	NGIRI-2024-27708	'Design and Development of CANSAT A Student Satellite'	Electrical Engineering	Engr Jawad Khalid

Research Grants



01

Dr. Muhammad Akhyar Farrukh

**Establishment of Nano-Materials Fabrication
Lab under the National Center for
Nanoscience and Nanotechnology (NCNN)**



02

Dr. Muhammad Kamran Saleem

**Advanced Level CANSAT for Stem Education,
Space Exploration, Agriculture, Disaster,
Management, Climate, and Environmental
Research and Experimentation**

15th ORIC Steering Committee Meeting

About Steering Committee Meeting:

ORIC (Office of Research, Innovation, and Commercialization) steering committee meeting typically refers to a gathering of individuals who are part of a steering committee. ORIC steering committee comprise of group of senior executives or stakeholders responsible for providing guidance and direction to a project, organization, or initiative. The purpose of the meeting is to discuss key issues, make strategic decisions, and ensure that the project or initiative is aligned with organizational goals. Encourage stronger engagement between faculty, industry partners, and external stakeholders to foster impactful research and innovation. The meeting also serves as a platform for discussing new opportunities in research, innovation, and industry partnerships.

