

>>> JANUARY - MARCH, 2024

ORIC

E-Newsletter



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. The first 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.

About ORIC



ORIC (Office of Research Innovation and Commercialization) play a vital role in supporting researchers by providing resources, guidance, and assistance in various aspects of research. This includes helping researchers identify funding opportunities, develop grant proposals, and manage research projects effectively. A significant responsibility of an ORIC is to manage the transfer of knowledge, technology, and intellectual property from the institution to industry partners or startups. This helps bridge the gap between academic research and real-world applications. ORIC often foster collaborations between researchers and industry partners. These partnerships can lead to joint research projects, funding opportunities, and the exchange of expertise, benefiting both academia and industry.

Contents

*Top Cited UCP
Researchers*

4

*Intellectual Property
Rights (IPs)*

8

*FIPP Announcement
2024*

9

*Faculty wise
Publication Details*

10

*UCP Research
Journals*

19

*Events Organized by
ORIC*

21

Contents

*Faculty of Law
International Conference*

23

**NGIRI-IGNITE - 2022-
2023 Approved Projects**

24

**Call for Proposal NGIRI-
IGNITE - 2023-2024**

25

*ORIC Annual Self-
Assessment Scorecard
Validation Report 2022 - 2023*

26


*ORIC Steering
Committee Meeting*

27

Top Cited UCP Researchers (Jan - Mar, 2024)

Series No.	Name	Picture	Designation/ Faculty	Citations	H-index	i10-index
1.	Dr. Muhammad Naveed		HoD/Associate Professor/ Faculty of Science & Technology (FOST)	6583	31	65
2.	Dr. Muzammil Hussain		Associate Professor/ Faculty of Information Technology and Computer Science (FOIT&CS)	3939	40	42
3.	Dr. Sumera Zaib		HoD/Associate Professor/ Faculty of Science & Technology (FOST)	3610	33	96
4.	Dr. Muhammad Akhyar Farrukh		Professor/ Faculty of Science & Technology (FOST)	2837	29	67
5.	Dr. Ghulam Jilany Khan		Associate Professor/ Faculty of Pharmaceutical Sciences (FOPS)	2637	26	44

Series No.	Name	Picture	Designation/ Faculty	Citations	H-index	i10-index
6.	Dr. Muhammad Rafiq		Professor/ Faculty of Science & Technology (FOST)	2510	28	91
7.	Dr. Khalida Naseem		Assistant Professor/ Faculty of Science & Technology (FOST)	2463	27	45
8.	Dr. Hafiz Rizwan Sharif		Associate Professor/ Faculty of Science & Technology (FOST)	2457	16	24
9.	Dr. Shahid Saeed Siddiqi		HoD/Professor/ Faculty of Science & Technology (FOST)	2088	28	54
10.	Dr. Ali Faisal Murtaza		Director Research/ Associate Professor/ ORIC/ Faculty of Engineering (FOE)	2057	21	39
11.	Dr. Mahtab Ahmad Khan		Dean/ Professor/ Faculty of Pharmaceutical Science (FOPS)	1950	16	30

Series No.	Name	Picture	Designation/ Faculty	Citations	H-index	i10-index
12.	Dr. Saira Andleeb Gillani		Professor/ Faculty of Information Technology and Computer Science (FOIT&CS)	1860	16	19
13.	Dr. Ahmad Faisal Imtiaz Siddiqi		Professor/ Faculty of Management Sciences (FOMS)	1615	17	25
14.	Dr. Muhammad Jamshaid		Professor/ Faculty of Pharmaceutical Sciences (FOPS)	1528	24	39
15.	Dr. Raja Irfan Sabir		Associate Professor/ Faculty of Management Sciences (FOMS)	1365	18	27
16.	Dr. Muhammad Zaman		Associate Professor/ Faculty of Pharmaceutical Sciences (FOPS)	1349	20	45

Series No.	Name	Picture	Designation/ Faculty	Citations	H-index	i10-index
17.	Dr. Muhammad Riaz		Assistant Professor/ Faculty of Science & Technology (FOST)	1331	16	29
18.	Dr. Babar Hussain		Assistant Professor/ Faculty of Science & Technology (FOST)	1065	14	21
19.	Dr. Muhammad Saadi		HoD/ Associate Professor/ Department of Engineering (FOE)	1005	18	28
20.	Mr. Farahat Ali		Senior Lecturer/ Faculty of Media and Mass Communication (FMMC)	986	8	8

Intellectual Property Rights (IPs)

Intellectual Property Rights (IPs) encompass legal protections for the creations of the mind, including inventions, literary and artistic works, designs, symbols and names. Patents often aim to strike a balance between encouraging innovation and creativity while safeguarding the rights of creators and inventors. Patents play a crucial role in promoting innovation by providing inventors with an incentive to invest time and resources in research and development. However, the patent system is subject to legal and ethical considerations, and it can sometimes be a source of controversy particularly when it comes to issues like patent trolls and the balance between promoting innovation and protecting the public interest. Following are the details of Patents & Copyright from January to March, 2024:



Patents Filed January – March, 2024

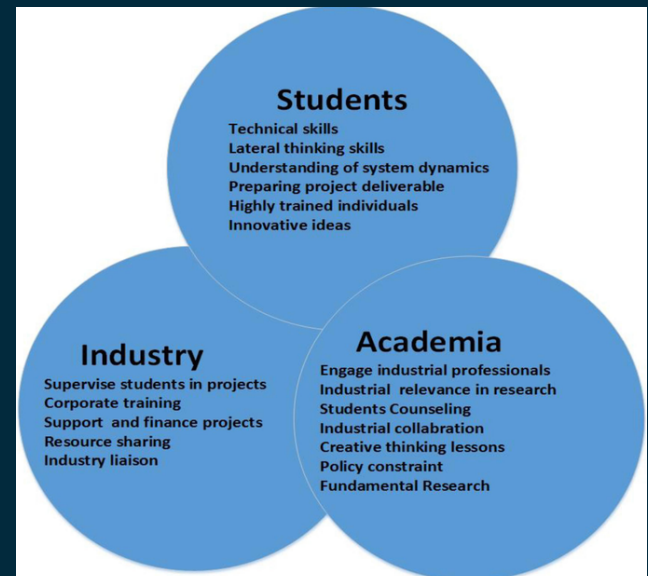
Sr. No.	Title	Faculty Member's Name	Faculty	IPs Type
1	Muntazir	Ms. Fabahya Subzwari	FMMC	CopyRight
2	Next generation antibiotics containing iron nanoparticles and polyvinylpyrrolidone for sustained ciprofloxacin release	Dr. Muhammad Akhyar Farrukh	FOST	Patent
3	Composition of anti diabetic formulation to restore action of pancreatic B-cells	Dr. Hira Mubeen	FOST	Patent

FIPP 3rd Round Announcement August, 2024

The third round of the Faculty Industry Placement Program (FIPP) will start in August 2024. This process will benefit the faculty by helping them become familiar with the latest business practices, techniques, devices, and innovations. This FIPP can help the university reach a better understanding of what the industry expects from graduates of our programs. In this regard, nominate 4-5 faculty members from your respective faculties by May 20, 2024.

Faculty Industry Placement Program (FIPP)

The Office of Research, Innovation, and Commercialization (ORIC) at UCP provide faculty with an opportunity to gain exposure to industrial environments, enabling them to initiate industry-related research, enhancing employability skills, bridging the gap between Academia and Industry and promoting Entrepreneurship and Innovation. Moreover, it provides substantial benefits to the industry as the faculty is able to provide them with solutions to the utmost challenges faced by them. It provides them with the opportunity of Research and Development (R&D) as well.



Scope

1. UCP Faculty as industry placement coordinators and workplace assessors.
2. Host organizations.
3. UCP Nominated Faculty undertaking an Industry Placement as required in the approved UCP program.

Principals

1. The Director ORIC must approve Industry Placements.
2. Arrangements between UCP and the host organization must be in writing.
3. Faculty must participate in an industry placement at a time negotiated between the faculty, the host organization and the UCP industry placement coordinator.

Objectives

1. UCP - Faculty Industry Placement Program provide faculty an opportunity to be enlightened with industrial environments enabling him/ her to initiate industry-related research.
2. Faculty members will be selected in the Post Fall batch (summer break) of UCP Faculty Industry Engagement Program, duration of which is 1-2 weeks.
3. Facilitating the exchange of ideas, experiences, and best practices among members to foster innovation and collaboration within the industry.

Faculty wise Publication Details (Jan-Mar, 2024)

FOST Publication List

Sr. No.	Faculty Member	Designation	HEC Cat	Journal	Impact Factor	Title
1	Dr. Sumera Zaib	HoD/Associate Professor	X	Journal of Biomolecular Structure and Dynamics	4.4	Identification of potential inhibitors targeting yellow fever virus helicase through ligand and structure-based computational studies
2	Dr. Sumera Zaib	HoD/Associate Professor	X	ChemistrySelect	2.1	Discovery of Hydrazone Scaffolds as Potent and Selective Multitarget-Directed Ligands for the Treatment of Neurodegenerative Disorders
3	Dr. Nimra Afzal	Assistant Professor	W	Environmental Science and Pollution Research	5.8	Microplastics: unraveling the signaling pathways involved in reproductive health
4	Dr. Muhammad Naveed	HoD/Associate Professor	X	Journal of Biomolecular Structure and Dynamics	4.4	Whole proteome analysis of MDR Klebsiella pneumoniae to identify mRNA and multiple epitope based vaccine targets against emerging nosocomial and lungs associated infections
5	Dr. Muhammad Naveed	HoD/Associate Professor	X	CYTA - Journal of Food	2.1	Revolutionizing the virulent protein Internalin a in Listeria monocytogenes and designing multi epitope-based vaccine via immunoinformatic approaches
6	Dr. Muhammad Naveed	HoD/Associate Professor	W	Scientific Reports	4.6	Development and immunological evaluation of an mRNA-based vaccine targeting Naegleria fowleri for the treatment of primary amoebic meningoencephalitis

Sr. No.	Faculty Member	Designation	HEC Cat	Journal	Impact Factor	Title
7	Dr. Muhammad Akhyar Farrukh	Professor	W	Materials Science and Engineering B: Solid-State Materials for Advanced Technology	3.6	Citrus limetta essential oil mediated synthesis of Dy ₂ O ₃ /Eu ₂ O ₃ /rGO nanocomposite for the removal of ciprofloxacin under irradiation of visible and UV light
8	Dr. Muhammad Akhyar Farrukh	Professor	W	Journal of Molecular Structure	3.8	pH-dependent synthesis of CeO ₂ -ZnO nanocomposite for enhanced environmental remediation of endosulfan and dimethoate pesticides
9	Dr. Muhammad Rafiq	Professor	W	Nonlinear Dynamics	5.6	Analytical and numerical explorations of optimal control techniques for the bi-modal dynamics of Covid-19
10	Dr. Sumera Zaib	HoD/Associate Professor	W	International Journal of Biological Macromolecules	8.2	Identification of isobenzofuranone derivatives as promising antidiabetic agents: Synthesis, in vitro and in vivo inhibition of α -glucosidase and α -amylase, computational docking analysis and molecular dynamics simulations
11	Dr. Tanzeela Riaz	Associate Professor	W	Journal of Stored Products Research	2.7	Comparative effectiveness of deltamethrin, imidacloprid and emamectin benzoate alone and in binary blends to control <i>Trogoderma granarium</i> : Effect on macronutrients
12	Dr. Muhammad Sajid Manzoor	Assistant Professor	W	Journal of Food Science	3.9	Effect of probiotic incorporation on physicochemical attributes of yogurt during storage and influence on cholesterol assimilation
13	Muhammad Saad Tariq	Senior Lecturer	X	Transactions on Electrical and Electronic Materials	1.9	Density Functional Quantum Computations to Investigate the Physical Prospects of Lead-Free Chloro-Perovskites QAgCl ₃ (Q = K, Rb) for Optoelectronic Applications

Sr. No.	Faculty Member	Designation	HEC Cat	Journal	Impact Factor	Title
14	Dr. Muhammad Naveed	HoD/Associate Professor	Y	Journal of Computational Biophysics and Chemistry	2.2	Spatially Resolved Transcriptomics Reveals Local Invasion-Related Genes in Liver Hepatocellular Carcinoma: Exploring the Therapeutic Potential of a Chimeric Protein Targeting Glypican-3
15	Dr. Muhammad Naveed	HoD/Associate Professor	X	Acta Parasitologica	1.5	An Aedes–Anopheles Vaccine Candidate Supplemented with BCG Epitopes Against the Aedes and Anopheles Genera to Overcome Hypersensitivity to Mosquito Bites
16	Dr. Muhammad Naveed	HoD/Associate Professor	W	Scientific Reports	4.6	The natural breakthrough: phytochemicals as potent therapeutic agents against spinocerebellar ataxia type 3
17	Dr. Muhammad Akhyar Farrukh	Professor	W	International Journal of Biological Macromolecules	8.2	Algal macromolecular mediated synthesis of nanoparticles for their application against citrus canker for food security
18	Dr. Muhammad Akhyar Farrukh	Professor	W	Applied Surface Science	6.7	Optimization of lead (II) and chromium (VI) adsorption using graphene oxide/ZnO/chitosan nanocomposite by response surface methodology
19	Dr. Sumera Zaib	HoD/Associate Professor	W	Journal of Molecular Structure	3.8	Supramolecular networks featuring diverse array of noncovalent interactions in crystals of hydrazinylidene-benzothiazinediones: X-ray crystallographic, DFT and biochemical analysis
20	Dr. Sumera Zaib	HoD/Associate Professor	W	International Journal of Biological Macromolecules	8.2	Synthesis, characterization, pharmacological and computational evaluation of hyaluronic acid modified chebulinic acid encapsulated chitosan nanocomposite for cancer therapy

Sr. No.	Faculty Member	Designation	HEC Cat	Journal	Impact Factor	Title
21	Muhammad Saad Tariq	Senior Lecturer	X	Polyhedron	2.6	Pressure-induced modulations in magnesium-doped NdFeO ₃ ferromagnetic: A DFT study with implications for spintronics, magnetic sensors, and energy storage devices
22	Dr. Muhammad Afzal	Associate Professor	W	International Journal of Nanomedicine	8	Characterization, Synthesis, and Biological Activities of Silver Nanoparticles Produced via Green Synthesis Method Using Thymus Vulgaris Aqueous Extract
23	Dr. Muhammad Naveed	HoD/Associate Professor	Y	Journal of Computational Biophysics and Chemistry	2.2	Assessment of Melia azedarach Plant Extracts Activity Against Hypothetical Protein of Mycobacterium tuberculosis via GC-MS Analysis and In Silico Approaches
24	Dr. Muhammad Naveed	HoD/Associate Professor	X	Biodegradation	3.6	Biodegradation of PVCs through in-vitro identification of Bacillus albus and computational pathway analysis of ABH enzyme

FOMS Publication List

Sr. No.	Faculty Member	Designation	HEC Cat	Journal	Impact Factor	Title
1	Dr Imran Ramzan	Assistant Professor	X	Economics and Business Letters	0.9	Does export intensity of heterogeneous firms affect leverage? Evidence from a small open economy
2	Dr. Muhammad Haseeb & Ms. Madeeha Islam	Assistant Professor and Head of Research & Senior Lecturer	W	Resources Policy	10.2	Can sustainable resource management overcome geopolitical risk?
3	Dr. Jawad Abbas	Assistant Professor	W	Renewable Energy	8.7	Investment in renewable energy and green financing and their role in achieving carbon-neutrality and economic sustainability: Insights from Asian region
4	Dr. Sami Ullah	Assistant Professor	W	Leadership and Organization Development Journal	4.9	Abusive supervisor triggers counterproductive work behaviors in nursing staff: role of psychological contract breach and Islamic work ethics
5	Dr. Sami Ullah	Assistant Professor	W	Journal of Asia Business Studies	2.9	How organizational readiness for green innovation, green innovation performance and knowledge integration affects sustainability performance of exporting firms
6	Dr. Shahid Nadeem	Professor	W	Sustainability	3.9	How and When Ethics Lead to Organizational Performance: Evidence from South Asian Firms
7	Dr. Ata ul Musawir	Assistant Professor	W	International Journal of Managing Projects in Business	2.7	Making sense of project governance and its role in strategy implementation: a governance-as-practice perspective

Sr. No.	Faculty Member	Designation	HEC Cat	Journal	Impact Factor	Title
8	Dr Kashif Ali	Assistant Professor	W	Technology Analysis and Strategic Management	3.4	New ways of working: a comparative empirical analysis appertaining to health and well-being and psychosocial hazards
9	Dr. Zahid Ahmad	Associate Professor	W	Journal of Contingencies and Crisis Management	3.1	The holistic repercussions of the ongoing war and refugee crisis on the Polish travel agencies
10	Dr. Shabana Naveed	Associate Professor	W	Australian Journal of Public Administration	2.2	Hybrid organisational form as a response to institutional complexity: The case of local municipally owned corporations in Lahore
11	Dr. Ata ul Musawir & Madiha Bint-e-Riaz	Assistant Professor & Lecturer	W	Project Management Journal	5	Leveraging Organizational Social Capital in Construction Projects to Enhance Project Success: The Enabling Role of Transformational Leadership
12	Dr. Jawad Abbas	Assistant Professor	W	Environment, Development and Sustainability	4.9	Impact of financial inclusion, economic growth, natural resource rents, and natural energy use on carbon emissions: the MMQR approach
13	Dr Kashif Ali	Assistant Professor	W	PLoS ONE	3.7	From theory to practice: An integrated TTF-UTAUT study on electric vehicle adoption behavior

FOPS Publication List

Sr. No.	Faculty Member	Designation	HEC Cat	Journal	Impact Factor	Title
1	Dr. Muhammad Zaman	Associate Professor	W	Saudi Pharmaceutical Journal	4.1	Response Surface Methodology (RSM) approach to formulate and optimize the bilayer combination tablet of Tamsulosin and Finasteride
2	Tehseen Riaz & Dr. Muhammad Zaman	Lecturer & Associate Professor	X	International Journal of Polymeric Materials and Polymeric Biomaterials	3.2	Recent advancements and various potential applications of transdermal patches
3	Dr. Muhammad Zaman	Associate Professor	W	Current Pharmaceutical Design	3.1	Thiolated Polymeric Hydrogels for Biomedical Applications: A Review
4	Dr. Muhammad Zaman & Dr. Mahtab Ahmad Khan	Associate Professor & Dean/Professor	W	ACS Omega	4.1	Preparation and Evaluation of a Self-Emulsifying Drug Delivery System for Improving the Solubility and Permeability of Ticagrelor
5	Tehseen Riaz	Lecturer	Y	Polymer-Plastics Technology and Materials	2.7	A comprehensive review on transdermal patches as an efficient approach for the delivery of drug
6	Dr. Muhammad Zaman & Dr. Mahtab Ahmad Khan	Associate Professor & Dean/Professor	X	International Journal of Polymer Science	3.3	Antiacne Gel Containing Aloe vera and Clindamycin Phosphate: Design, Characterization, and Optimization Using Response Surface Methodology
7	Dr. Huma Hameed & Dr. Mahtab Ahmad Khan	Assistant Professor & Dean/Professor	X	Journal of Microencapsulation	3.9	Ethosomes: a potential nanovesicular carrier to enhancing the drug delivery against skin barriers

FOE Publication List

Sr. No.	Faculty Member	Designation	HEC Cat	Journal	Impact Factor	Title
1	Sadaf Zeeshan	Assistant Professor	X	Machines	2.6	In-Depth Evaluation of Automated Fruit Harvesting in Unstructured Environment for Improved Robot Design

FHSS Publication List

Sr. No.	Faculty Member	Designation	HEC Cat	Journal	Impact Factor	Title
1	Dr. Arslan Tariq Rana	Assistant Professor	W	Environmental Science and Pollution Research	5.8	Trade agreements and CO2 emissions in Asian countries: accounting for institutional heterogeneity
2	Uzma Ilyas	Principal Lecturer	X	JPMA. The Journal of the Pakistan Medical Association	0.9	Social anxiety and psychological distress among polycystic ovarian syndrome patient's in Pakistan
3	Uzma Ilyas	Principal Lecturer	W	International Journal of Gynecology and Obstetrics	3.8	Experiential avoidance, thought suppression, meta-cognition, and body-checking among women during pregnancy and postpartum: Buffering effect of self-compassion
4	Dr Rabia Farooqi	Associate Professor	X	Iranian Journal of Public Health	1.4	Burnout Mediates the Association between Workplace Bullying and Mental Health Problems of Health Practitioners in Cancer Units
5	Uzma Ilyas	Principal Lecturer	X	JPMA. The Journal of the Pakistan Medical Association	0.9	Long term effects of childhood trauma and abuse: narrative on functional neurological disorder

Publication List

Sr. No.	Faculty Member	Designation	HEC Cat	Journal	Impact Factor	Title
1	Dr. Ali Faisal Murtaza	Associate Professor/ Director Research	W	Sustainability	3.9	State-Space Modeling, Design, and Analysis of the DC-DC Converters for PV Application: A Review
2	Dr. Mazhar Iqbal	Director Academics	W	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	2	Convective heat transfer of electrically conducting MHD power law fluid through annular sector duct

FOIT&CS Publication List

Sr. No.	Faculty Member	Designation	HEC Cat	Journal	Impact Factor	Title
1	Annas Waseem Malik & Dr. David Samuel Bhatti	Associate Lecturer & Assistant Professor	W	Sensors	3.9	Cloud Digital Forensics: Beyond Tools, Techniques, and Challenges
2	Dr. David Samuel Bhatti	Assistant Professor	W	PLoS ONE	3.7	Performance analysis: Securing SIP on multi-threaded/multi-core proxy server using public keys on Diffie–Hellman (DH) in single and multi-server queuing scenarios
3	Dr. David Samuel Bhatti	Assistant Professor	W	Scientific Reports	4.6	Detection and isolation of wormhole nodes in wireless ad hoc networks based on post-wormhole actions
4	Dr. Saeed Iqbal Khattak	Assistant Professor	W	IEEE Transactions on Fuzzy Systems	11.9	Hybrid Parallel Fuzzy CNN Paradigm: Unmasking Intricacies for Accurate Brain MRI Insights

UCP Research Journals (Jan-Mar, 2024)

Sr No.	Journal Name	Issue	Duration	Publication Status Remarks
1	UCP Journal of Law & Legal Education UCP-JLLE ISSN 2958-065X (Print) 2959-8710 (Online)	Vol. 1 Issue 1	June 2022-Dec 2023	Published
		Vol. 1 Issue 2	Jan 23- June 23	Published
		Vol. 2 Issue 1	July 23 - Dec 23	Published
		Vol. 2 Issue 2	Jan 24- June 24	In process
2	UCP Journal of Humanities & Social Sciences UCP-JHSS ISSN 2958-6887 (Print) 2958-6895 (Online)	Vol. 1 Issue 1	June 22-Dec 22	Published
		Vol. 1 Issue 2	Jan 23- June 23	Published
		Vol. 2 Issue 1	July 23 - Dec 23	Published
		Vol. 2 Issue 2	Jan 24 - June 24	In process
3	UCP Journal of Mass Communication UCP-JMC ISSN 2959-8524 (Print) 2959-8532 (Online)	Vol. 1 Issue 1	Jan 23- June 23	Published
		Vol. 1 Issue 2	July 23 - Dec 23	Published
		Vol. 2 Issue 1	Jan 24- June 24	In process

Sr No.	Journal Name	Issue	Duration	Publication Status Remarks
4	UCP Journal of Business Perspectives UCP-JBP ISSN: 3005-8961(Print) 3005-897X (Online)	Vol. 1 Issue 2	Jan 23- June 23	Published
		Vol. 1 Issue 2	July 23 - Dec 23	Published
5	UCP Journal of Languages & Literature UCP-JLL ISSN: - 3005-6594 (Online) 3005-6586 (Print)	Vol. 1 Issue 1	Jan 23 - June 23	Published
		Vol. 1 Issue 2	July 23 - Dec 23	Published
6	UCP Journal of Sciences & Technology UCP-JST ISSN: - 3005-5571 (Online) 3005-5563 (Print)	Vol. 1 Issue 1	July 23 - Dec 23	Published
		Vol. 1 Issue 2	Jan 24- June 24	Published
7	UCP Journal of Engineering & Information Technology UCP-JEIT ISSN: - 3005-8007 (Print) 3005-8015 (Online)	Vol. 1 Issue 1	Jan 23 - June 23	Published
		Vol. 1 Issue 2	July 23 - Dec 23	Published

Events Arranged/Organized by ORIC (Jan-Mar, 2024)

Future Fest:

"Future Fest" could refer to an event that showcases the latest advancements, innovations, and trends across various industries with a focus on shaping the future. These expos often bring together companies, startups, researchers, and professionals to present their cutting-edge technologies, products, and ideas to a diverse audience. Future Fest is Pakistan's largest tech event, offering a platform for education, networking, and inspiration in the tech industry. Investors have access to exclusive lounges and networking sessions, enabling them to connect with startups and explore investment opportunities. Future Fest Expo serves as a dynamic platform for exploring, celebrating, and shaping the future through innovation, collaboration, and forward-thinking initiatives.



9th Pakistan Mega Leather Show 2024:



The Pakistan Mega Leather Show was set to showcase the largest collection of leather products ever. Both the government and policy makers were attended, making it a key event for businesses. It offered an opportunity for leather and footwear professionals to showcase their products, expand their reach in foreign markets, and create new partnerships.

Leather garments, leather gloves, tanned hides and footwear are the main products of Pakistan's leather industry. Four influential associations covering footwear, leather goods and tanneries as well as leather garments. The four associations had united to create a mega event called "The Pakistan Mega Leather Show (PMLS)".

International Dairy Expo:

International Dairy Expo is the most opportune time when the government is looking forward to expanding the developing industries of the country, which have shown tremendous growth in the past few years. The exhibition would serve as a comprehensive showcase of the latest in technology, equipment, and machinery as well as allied services while providing investors with a definite outlook of the regional dairy industry and an opportunity to meet their prospective counterparts and business partners.



37th Lahore International Book Fair (LIBF) 2024:

The Lahore International Book Fair, commonly known as LIBF, is a prestigious literary event that brings together writers, publishers, and book lovers from around the globe. It served as a melting pot of diverse literary traditions, offering a unique opportunity to immerse oneself in the rich tapestry of words and ideas.

The venue for LIBF 2024 is set to be the cultural heart of Lahore. The historic setting adds to the charm of the event, creating an atmosphere that resonates with the spirit of literature.

LIBF is not just about books; it's an immersive experience. Attendees can expect a plethora of activities, including panel discussions, book signings, and literary-themed performances. The vibrant atmosphere ensures there's something for everyone.



16th Pak Pharma & Healthcare Expo:



Pak Pharma & Health Care Expo is one of the important exhibitions held at expo centers in Pakistan. It covers pharmaceutical manufacturing and processing equipment, Packaging materials and machines, API Manufacturers, Laboratory Equipment, Chemicals, Lab Furniture, Medical equipment and Diagnostic equipment. It can be truly classified as an International Exhibition.

Pak Pharma & Health Care Expo covers both areas of Exhibitions and conferences for the visitors to have synergetic information of industry-specific trends and experience.

9th Invention to Innovation Summit – 2024:

The Punjab University, Office of Research Innovation and Commercialization (ORIC) organized the ceremony of two-day 9th 'Invention to Innovation Summit' at Al Raazi Hall.

Prof. Dr. Shahid Munir (T.I), Chairperson Punjab Higher Education Commission (PHEC), Lahore attended the inaugural session of 9th Invention to Innovation Summit 2024 as Guest of Honor at University of the Punjab, Lahore. The event was organized by University of the Punjab, Lahore and also attended by Prof. Dr. Muhammad Akram Sheikh, Chairman Pakistan Science Foundation and Mr. Abid H.K. Sherwani, Chief Adviser University of Management & Technology, Lahore.

Punjab University Vice Chancellor Prof Dr Khalid Mahmood, Rector University of Lahore Prof Dr Muhammad Ashraf, Director ORIC Prof Dr Shakil Ahmed, researchers, experts from industries, faculty members and a large number of students were present.

The summit offered a valuable platform to showcase and promote research and innovation activities through the sharing of innovative ideas, knowledge, experiences, and achievements



FOL's 3rd International Conference on 'The Transformative Potential of Generative Artificial Intelligence, Law and Legal Education: Opportunities, Challenges and The way forward'

Faculty of Law is organising its 3rd UCP International Conference on 'The Transformative Potential of Generative Artificial Intelligence, Law and Legal Education: Opportunities, Challenges and The way forward' on March 21 & 22, 2024.



Keynote Speakers

 <p>Dr. Mohammad H. S. Boshayreh Dean, College of Law Prince Mohammad Bin Fahd University Alkhobar, Saudi Arabia</p>	 <p>Dr. Shahruil Mizan Ismail Associate Vice Chancellor (Corporate), Lim Kok Wing University of Creative Technology, Cyberjaya, Malaysia</p>
 <p>Dr. Ahmad Ali Ghouri Director Internationalization, School of Law, Politics & Sociology University of Sussex, UK</p>	 <p>Dr. Mohammad Enshadul Karim Associate Professor, Faculty of Law Universiti Malaya, Malaysia</p>
 <p>Dr. Mohamad Foteh Labanieh International Lecturer School of Law, Universiti Utara Malaysia (UUM) Malaysia</p>	 <p>Prof. Nachman N. Gutowski Director of Academic Success Program University of Nevada Las Vegas, USA</p>
 <p>Mr. Jeremy W. Hurley, Esq. Assistant Professor of Law Appalachian School of Law, Grundy, Virginia, USA</p>	 <p>Mr. Ishan Atrey Lecturer, Indian Institute of Management, Rahtak, India</p>
 <p>Aly Hassam-ul-Haq Director of the Centre for Law & Technology, Faculty of Law, Politics & Governance, Ziauddin University, Karachi, Pakistan</p>	

Certification:
Certificate shall be awarded upon participation in all sessions of the conference.

Registration Link:
<https://forms.office.com/r/7c8P48PN4L>

NGIRI-IGNITE - 2022-2023 Approved Projects



Ministry of IT & Telecom
DIGITAL PAKISTAN

IGNITING UNIVERSITY INNOVATION

NATIONAL GRASSROOTS ICT RESEARCH INITIATIVE **NGIRI** 2022-23

Ignite provides financial assistance to selected final Year project (FYP) of undergraduate students (7th & 8th semester 2022-23 students only) studying in HEC recognized Institutes of ICT related disciplines for developing prototypes / working models of their FYPs in order to increase creativity, innovation and hands on engineering and development skills through this program.

Students are encouraged to develop their FYPs preferably based on 4th Industrial Revolution Technologies i.e., Artificial Intelligence and Big Data, Internet of Things, Cloud Infrastructure and Cyber Security, Augmented and Virtual Reality, Wearables and Implantable, Shared Economy, Robotics, 3D/4D Printing, Neurotech and Blockchain, etc.

The Program has been divided into two phases:

Phase I - Funding of FYP

FYP will be selected for funding with the following financial breakup:

Equipment: Maximum up to **Rs: 77,000/-**

Miscellaneous: Maximum up to **Rs: 11,000/-**

Phase II - FYP National Championship

Selected Final Year Projects (FYP) from participating institutions will be invited to compete for the National Championship. Winners will be awarded the following prizes:

National Champion

Project Team (up to 3 Students)

Cash Prize

Rs: 400,000/-

FYP Supervisor:

Cash Prize

Rs: 100,000/-

First Runner Up

Project Team (up to 3 Students)

Cash Prize

Rs: 275,000/-

FYP Supervisor:

Cash Prize

Rs: 75,000/-

Second Runner Up

Project Team (up to 3 Students)

Cash Prize

Rs: 150,000/-

FYP Supervisor:

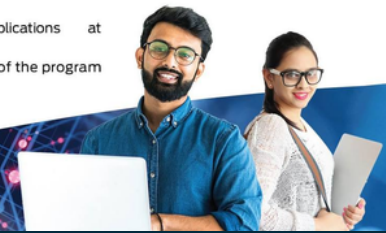
Cash Prize

Rs: 50,000/-

IMPORTANT INFORMATION:

Eligible students must submit their FYP applications at <https://ignite.org.pk/ngiri>

Terms & Conditions, Dos & Don'ts, FAQs and Eligibility Criteria of the program are available at www.ignite.org.pk/ngiri



Sr. No.	FYP Code	FYP Title	Department	Supervisor's Name
1	NGIRI - 2023 - 16929	“Three Dimensional Scanner”	Electrical Engineering (FOE)	Engr. Jawad Khalid
2	NGIRI- 2023-18199	“Design, Fabrication And Testing Of A Membrane-based Energy Recovery Ventilator”	Mechanical Engineering (FOE)	Ahmed Zohaib Zaidi
3	NGIRI- 2023-19885	“E Real Estate and Investors Window”	Software Engineering (FOIT&CS)	Dr. Mahfooz ul Haque
4	NGIRI- 2023-21889	“Tan Delta Measurement for High Voltage Equipment”	Electrical Engineering (FOE)	Engr Ali Ahmad
5	NGIRI- 2023-21965	“UPS Daughter Board for Solar Integration”	Electrical Engineering (FOE)	Engr Arslan Ashraf
6	NGIRI- 2023-22095	“Multipurpose Agriculture Robot”	Electrical Engineering (FOE)	Engr Jawad Khalid

Call for Proposal NGIRI-IGNITE - 2023-2024



Ministry of IT & Telecom
DIGITAL PAKISTAN

Ignite
NATIONAL TECHNOLOGY FUND

Igniting University Innovation through

NGIRI NATIONAL GRASSROOTS ICT RESEARCH INITIATIVE 2023-24

Ignite provides financial assistance to selected final-year ICT undergraduate students (7th & 8th semester 2023-24) in HEC-recognized institutes, fostering creativity and innovation.

The program supports the development of FYP prototypes preferably in 4th Industrial Revolution technologies like AI, Big Data, IoT, Cloud Infrastructure, Cybersecurity, AR/VR, Wearables and Implantables, Robotics, 3D/4D Printing, Neurotech, and Blockchain, enhancing hands-on engineering and development skills.

Phase I - Funding of FYP

- Equipment: Maximum up to Rs. 84,700/-
- Miscellaneous: Maximum up to Rs. 12,100/-

Phase II - FYP National Championship

Selected Final Year Projects (FYP) from participating institutions will be invited to compete for the National Championship. Winners will be awarded the following prizes:

National Champion	First Runner Up	Second Runner Up
Project Team (upto 3 Students)	Project Team (upto 3 Students)	Project Team (upto 3 Students)
Cash Prize Rs. 400,000	Cash Prize Rs. 275,000	Cash Prize Rs. 150,000
FYP Supervisor Cash Prize Rs. 100,000	FYP Supervisor Cash Prize Rs. 75,000	FYP Supervisor Cash Prize Rs. 50,000

FYP REGISTRATION START DATE
Feb 01, 2024

FYP APPLICATION SUBMISSION DEADLINE
May 02, 2024

Terms & Conditions, Dos & Don'ts, FAQs, Eligibility Criteria and further details of the program are available at www.ignite.org.pk/ngiri

Please keep visiting our website for program updates and changes, if any.

About NGIRI - IGNITE

The new surge of innovation is the fourth industrial wave, where creativity and innovation are at a premium. Ignite funds startups and innovative projects that utilize 4th industrial wave tech to solve local problems and target global opportunities in health, education, energy, agriculture, telecom, finance and other verticals.

Aims

The program aims to assist final year undergraduate students of ICT related disciplines studying in the Institutions by providing them financial assistance for developing prototypes / working models of their Final Year Projects (FYP) in order to increase creativity, innovation and hands on engineering and development skills.

Eligibility Criteria

The final year students (7th & 8th Semester students) of the below-mentioned faculties can apply for this fund through FYP proposals with the endorsement of their respective supervisors.

- Faculty of Engineering:
 - Electrical Engineering
 - Mechanical Engineering
- Faculty of Information Technology:
All Fields

The detailed eligibility criteria for the participation of students can be examined from the following website:
<https://ignite.org.pk/eligibility-criteria/>.

Fund Limit

The maximum funding for each project can go up to Rs: 96,800/- (Equipment Max - Rs: 84,700/- & Miscellaneous Max - Rs: 12,100/-). Note that smart device(s) of maximum Rs: 49,000/- can be utilized, and these devices/screens preferably be purchased from authorized dealers/resellers only.

HEC-ORIC Annual Self-Assessment Scorecard Validation Report 2022 - 2023

UCP-ORIC secured the **34th Position (Y-Category)** out of 78 universities. UCP-ORIC secured **48 marks**

57	University of Central Punjab, Lahore	Category	Y
		Score Obtained	48
A.	Human Resource and Operations	10	100%
B.	Research Excellence	14	31%
C.	Innovation and Commercialization	12.5	42%
D.	Sustainability and Capacity Building	11.5	77%

ORIC -KPI's

The scorecard developed by HEC seeks to gain insight on ORICs' performance within the research commercialization ecosystem. Furthermore, the scorecard for Financial Year (FY) 2022-2023 required HEC-recognized ORICs to share their progress on various KPIs embedded under the following major domains:

About HEC - ORIC

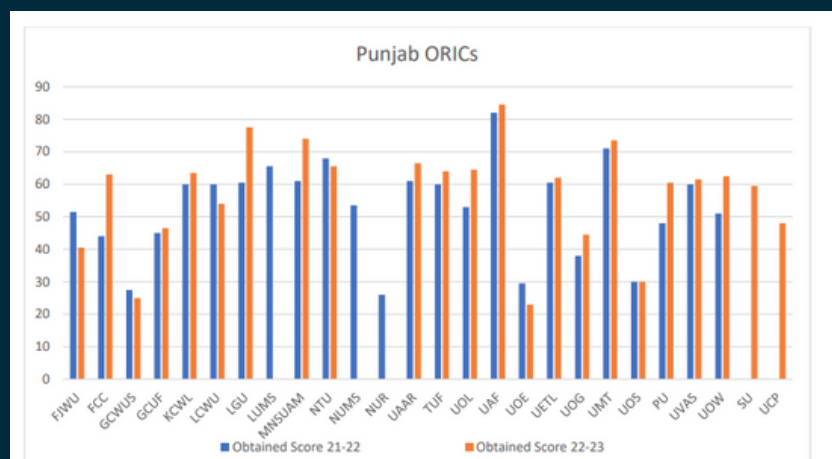
The Higher Education Commission (HEC) recognizes ORICs at universities that apply for recognition after having successfully fulfilled all prerequisites mandated under the HEC's ORIC Policy 2021.

Each year, HEC-recognized ORICs conducted a self-assessment exercise against a standard, prescribed scorecard, which is subsequently evaluated by the HEC to determine annual ORIC performance rankings

Sr. No.	Key Performance Indicator	Score Assigned
A	Human Resource & Operations	10
B	Research Excellence	45
C	Innovation & Commercialization	30
D	Sustainability & Capacity Building	15
Total		100

ORICs Assessed in 2022-2023

A total of 78 ORICs were considered for evaluation in FY 2022-2023, out of which 70 ORICs were successful in the timely submission of their scorecards whereas the remaining offices were unable to make their submissions, hence stand as 'non-complying'





ORIC Steering Committee Meeting

ORIC 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.



Terms of Reference (ToR) of ORIC Steering Committee Meeting

As per HEC ORIC policy 2024 following are the ToR of ORIC Steering Committee Meeting:

1. The committee is established to provide oversight, guidance, and strategic direction to the Office of Research, Innovation, and Commercialization (ORIC). Reviewing and approving ORIC's annual plans and budgets.
2. Monitoring the progress of research and innovation initiatives.
3. Assessing the effectiveness of commercialization efforts.
4. Ensuring alignment with the organization's mission and strategic priorities.

Points discussed in 11th ORIC Steering Committee Meeting 27 Feb, 2024

1. Endorsement/confirmation of the minutes of 10th meeting of the steering committee.
2. ORIC completed activities.
3. ORIC ongoing activities.
4. ORIC upcoming activities.