



Mission

To catalyze transformative innovation and research excellence, propelling our ORIC department to the forefront of global impact and societal advancement

Vission

Empower researchers, drive technology commercialization, and foster strategic partnerships, ensuring our ORIC department serves as a dynamic hub for innovation, driving positive change and economic growth.

Objective

The development, expansion, improvement, and management of the university's research programs, as well as the direct connection between research activities and the academic, social, and economic interests of the institution and its wider community, are the goals of the Office of Research, Innovation, and Commercialization (ORIC). Additionally, the ORIC is in charge of making sure that the caliber of the research meets the highest international standards and elevates the university's standing among the top research institutions in the world. In order to fulfill its mission, the ORIC must ensure that all research programs and policies uphold the fundamental principles of academic freedom, professional integrity, and ethical behavior. It must also ensure complete compliance with all university policies, legal mandates, and operational standards.



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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 mangement including Pro-Rector, Faculty, and Staff for their unwavering support towards the ORIC activities.

Dr. Shahid Raza

About ORIC

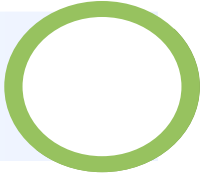
ORIC (Office of Research Innovation and Commercialization) play a vital role in supporting researchers by providing resources, guidance, and assistance in various aspects of research. This includes helping researchers identify funding opportunities, develop grant proposals, and manage research projects 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.

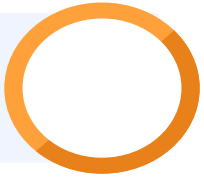


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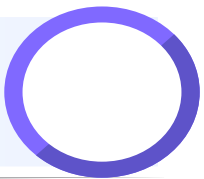
Top cited Researchers



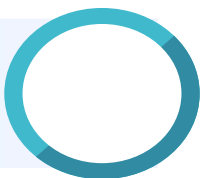
Intellectual Property Rights (IPS)



Faculty Industry Placement Program (FIPP)



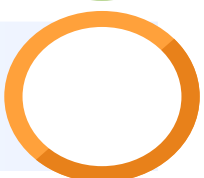
Events Organized by ORIC



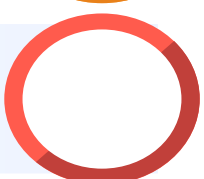
UCP Research Journals



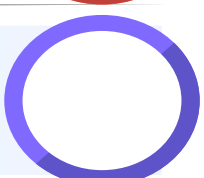
MoU signing ceremony with GHS and NAFS



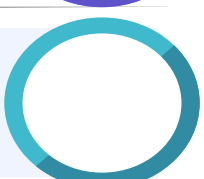
MOU signing ceremony between FOPS-UCP & Mass Pharma



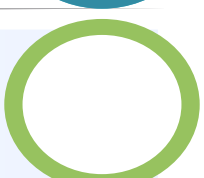
UCP Achievements



Research Publications



ORIC Steering Committee Meeting



Research Projects and Grants



The Office of Research, Innovation & Commercialization, also known as ORIC, offers comprehensive services for any issue related to R&D, innovation, patents, commercialization, collaborations, and organizing honoraria for research publications as well as seminars, symposiums, conferences, and workshops. Research projects and grants can vary widely across different fields and disciplines. The specifics of a research project and the corresponding grant will depend on factors such as the field of study, the goals of the research, and the organizations involved.

A grant is a financial award given by a funding organization to support a specific project or activity. In the context of research, grants are often provided to fund research projects. Research projects are systematic efforts undertaken by organizations, research institutions, government agencies, and businesses to create, innovate, and advance knowledge or technology in a specific area. These projects are characterized by their structured approach, goals, and often involve the allocation of resources such as funding, personnel, and time. Here are some ongoing research projects/grants of UCP faculty members.

Dr. Muhammad Akhyar Farrukh

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

Dr. Muhammad Akhyar Farrukh

Natural Essential Oil Loaded Nanoparticles (Nanoemulsion) Incorporated in Poultry Feed as Alternative to Antibiotics.

Dr. Muhammad Akhyar Farrukh

Application of Spectral Process Manufacturing Analysis Technology in Intelligent Manufacturing.

Dr. Muhammad Akhyar Farrukh

Air Pollution Monitoring of PM_{2.5} in Lahore to Investigate the Cause of Smog and its Effects on Health






Top Cited Researchers

Sr.#.	Name	Picture	Designation/ Faculty	Citations
1.	Dr. Muhammad Naveed		HoD/Associate Professor/ Faculty of Science & Technology (FOST)	5212
2.	Dr. Muzammil Hussain		Associate Professor/ Faculty of Information Technology and Computer Science (FOIT&CS)	3690
3.	Dr. Sumera Zaib		HoD/Associate Professor/ Faculty of Science & Technology (FOST)	3307
4.	Dr. Muhammad Akhyar Farrukh		Professor/ Faculty of Science & Technology (FOST)	2627
5.	Dr. Ghulam Jilany Khan		Associate Professor/ Faculty of Pharmaceutical Sciences (FOPS)	2436

Top Cited Researchers

Sr.#.	Name	Picture	Designation/ Faculty	Citations
6.	Dr. Khalida Naseem		Assistant Professor/ Faculty of Science & Technology (FOST)	2234
7.	Dr. Muhammad Rafiq		Professor/ Faculty of Science & Technology (FOST)	2232
8.	Dr. Mahtab Ahmad Khan		Dean/ Professor/ Faculty of Pharmaceutical Sciences (FOPS)	2219
9.	Dr. Shahid Saeed Siddiqi		HoD/Professor/ Faculty of Science & Technology (FOST)	2027
10.	Dr. Ali Faisal Murtaza		Director Research/ Associate Professor/ ORIC/ Faculty of Engineering (FOE)	1918

Top Cited Researchers

Sr.#.	Name	Picture	Designation/ Faculty	Citations
11.	Dr. Saira Andleeb Gillani		Professor/ Faculty of Information Technology and Computer Science (FOIT&CS)	1687
12.	Dr. Ahmad Faisal Imtiaz Siddiqi		Professor/ Faculty of Management Sciences (FOMS)	1537
13.	Dr. Muhammad Jamshaid		Professor/ Faculty of Pharmaceutical Sciences (FOPS)	1319
14.	Dr. Muhammad Riaz		Assistant Professor/ Faculty of Science & Technology (FOST)	1306
15.	Dr. Raja Irfan Sabir		Associate Professor/ Faculty of Management Sciences (FOMS)	1255

Top Cited Researchers

Sr.#.	Name	Picture	Designation/ Faculty	Citations
16.	Dr. Muhammad Zaman		Associate Professor/ Faculty of Pharmaceutical Sciences (FOPS)	1170
17.	Dr. Babar Hussain		Assistant Professor/ Faculty of Science & Technology (FOST)	973
18.	Dr. Muhammad Saadi		HoD/ Associate Professor/ Department of Engineering (FOE)	900
19.	Mr. Farahat Ali		Senior Lecturer/ Faculty of Media and Mass Communication (FMMC)	886
20.	Taimoor Hassan		Senior Lecturer/ Faculty of Information Technology and Computer Science (FOIT&CS)	831

Intellectual Property Rights

Intellectual Property Rights (IPR) 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

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 granted, filed and 14 are under process:



Sr. #	Title	Faculty Member's Name	Faculty	IPs Type
1	Family Court Training Software	Dr. Hadia Awan	FOL	Copyright
2	Holistic Campus Security	Dr. Saeed Iqbal Khattak	FOIT&CS	Copyright
3	Adaptive Hyper Learning	Muhammad Mustafa Hassan	FOMS	Copyright
4	A Self Stabilizing Orthotic Knee Joint	Dr. Zohaib Aftab	FOE	Patent

Patents Examination Report

Sr. #.	Title	Faculty Member's Name	Faculty	Receiving date from IPO
1	IoT based Wireless Energy Analysis System with Data Storage Backup	Dr. Muhammad Majid Gulzar	FOE	17 July, 2023
2	Design and Fabrication of a Steam Cleaner	Ms. Marium Shahid	FOE	28 Nov, 2023
3	Three Types Fluorescent Cancer Cell Tagging Regimen, And Its Utility In A Single Sample For Metastatic Dissemination And Drug Targeting	Dr. Ghulam Jilany Khan	FOPS	21 Nov, 2023
4	Electric Scooter	Dr. Ali Faisal Murtaza	FOE	20 Nov, 2023
5	A computationally engineered mRNA-based vaccine construct against the monkeypox virus	Dr. Muhammad Naveed	FOST	28 Nov, 2023
6	Fly Ash Bricks Mix Design by Using Locally Available Material	Prof. Dr. Kafeel Ahmed	FOE	28 Nov, 2023
7	Induction Heater	Mr. Nabeel Khalid	FOE	28 Nov, 2023
8	Novel Clove oil based Self-Emulsifying Drug Delivery System of Ticagrelor	Dr. Muhammad Zaman	FOPS	28 Nov, 2023
9	Pharmaceutical Tri - Layer Tablet Formulation and Development with a Novel Composition	Dr. Muhammad Zaman	FOPS	28 Nov, 2023
10	Pharmaceutical Capsule Formulation and Development with a Novel Composition	Dr. Muhammad Zaman	FOPS	21 Nov, 2023
11	A Screening Method for the Detection of Diseased Genetic Variants Causing Congenital Heart Disease	Hira Mubeen	FOST	28 Nov, 2023
12	A Screening Approach for Elucidation of Rare Homozygous Variants Actionalble in Cardiac Anomalies	Hira Mubeen	FOST	28 Nov, 2023
13	Anti-Diabetic Herbal Formulation of Snapdragon (Antirrhinum Majus)	Ms. Ammara Masood	FOST	29 Nov, 2023
14	Exploration of specific inhibitor of yellow fever specific by targeting helicase	Dr. Sumera Zaib	FOST	5 Dec, 2023

Patents Field

Sr. No.	Title	Faculty Member's Name	Faculty	IPs Type
1	Novel composition based Pharmaceutical Bilayer tablet of Sitagliptin and Valsartan	Dr. Muhammad Zaman	FOPS	Patent
2	Novel composition of Thermoresponsive intra-articular Injection containing Methotrexate, Folic Acid and Dexamethasone Sodium Phosphate	Dr. Muhammad Zaman	FOPS	Patent

Faculty Industry Placement Program (FIPP)

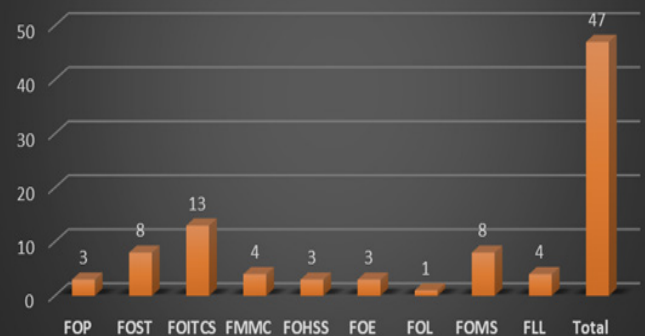
UCP – ORIC Academia Industry Collaboration

The Faculty Industry Placement Program (FIPP) is a program designed to enhance the synergy between academia and industry by placing faculty members in various industries. The program aims to provide faculty members with invaluable industry insights, enriching the classroom experience for students and ensuring that the curriculum remains cutting-edge. The prime objective of this program is to provide faculty with an opportunity to gain exposure to industrial environments, enabling them to initiate industry-related research, undertake process improvements, promoting Entrepreneurship & Innovation and enhancing employability skills. The program also provides substantial benefits to the industry as the faculty is able to provide them with solutions to the utmost challenges faced by them.

The Faculty Industry Placement Program has several benefits for both Academia and Industry. For academia, it provides an opportunity for faculty members to gain exposure to industrial environments, which can help them develop new research ideas and improve their teaching methods. For industry, it provides access to highly skilled professionals who can help them solve complex problems and develop new products and services.

In 2023, 47 Faculty Members were placed in renowned industries such as in IT, Health, Textile, Bio-Tech, Manufacturing industries in Pakistan. This Industry placement was held in the months of August and September, 2023, for a period of one to two weeks as per available time slots by the relevant Industries.

Number of Faculty Member for
Faculty Industry Placement (FIPP),
2023



PHEC Announced 2nd All Punjab Universities Innovation Expo 2023



Dr. Shahid Munir shared the objectives of Innovation Expo 2023, emphasizing its role in boosting research spirit across universities. The event will feature as many as 500 research projects and innovative ideas, with a focus on encouraging students who excel in research project models by rewarding them. All universities in Punjab are encouraged to participate in the Expo, while 11 universities in Punjab have been chosen as partners for Expo 2023. 10 Projects from UCP are selected to be displayed in this exhibition

Build Pakistan & Concurrent shows

The event delivered a powerful combination of senior decision makers and purchase influencers from across Pakistan's industrial, commercial and public sectors. With a compelling range of unique educational content available to the visitor and a wide and varied exhibitor offering, this was the "must attend" event for all professionals related to construction industry



Pak – Water and Energy Expo



Pak Water & Energy Expo
Exhibition & Conference
www.pakwaterexpo.com

7th Edition
25th-27th October, 2023
Expo Centre
Lahore
Pakistan

- Water Technologies
- Wastewater Solutions
- RO Plant, Water Recycling
- Filtration Unit
- Sewage & Sludge Treatment
- Renewable Energy
- Power Generation
- Transmission & Distribution
- Automation & Instrumentation

Organizer: Prime Event Management
Supported by: PWN, UPSIG
Conference Partner: UPSIG

2nd Floor, Building 3C, 20th Commercial Street, Phase 8 G-8/2, DHA, Karachi-75000 Pakistan
Phone: (92-21) 38898402 Cell: +92 333 2224879 E-Mail: info@prime-events.pk

Pak Water Expo

Pak Water & Energy Expo is the most proactive platform for the Water & Energy Industry. This Expo offers exciting business opportunities for exhibitors to showcase their products and technologies, as well as for trade visitors from the Water and Energy Industry to interact under one roof. This event purely focuses on providing a business platform for exhibitors and visitors to establish a business network among themselves and become aware of the latest trends and technologies in the Water and Energy industry.

UCP Research Journals

Sr. No.	Journal Name	Vol. /Issue	Span	Publication Status
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, 2023 - June, 2023	Published
		Vol. 2 Issue 1	July, 2023 - Dec, 2023	In process
2	UCP Journal of Humanities & Social Sciences (UCP-JHSS) ISSN: 2958-6887 (Print) 2958-6895 (Online)	Vol. 1 Issue 1	June 2022 - Dec 2022	Published
		Vol. 1 Issue 2	Jan, 2023 - June, 2023	Published
		Vol. 2 Issue 1	July, 2023 - Dec, 2023	In process
3	UCP Journal of Mass Communication (UCP-JMC) ISSN: 2959-8524 (Print) 2959-8532 (Online)	Vol. 1 Issue 1	Jan, 2023 - June, 2023	Published
		Vol. 1 Issue 2	July, 2023 - Dec, 2023	In process
4	UCP Journal of Business Perspectives (UCP-JBP) ISSN: in Process	Vol. 1 Issue 2	Jan, 2023 - June, 2023	Published
		Vol. 1 Issue 2	July, 2023 - Dec, 2023	In process
5	UCP Journal of Languages & Literature (UCP-JLL) ISSN: 3005-6594 (Online) 3005-6586 (Print)	Vol. 1 Issue 1	Jan, 2023 - June, 2023	Published
		Vol. 1 Issue 2	July, 2023 - Dec, 2023	In process
6	UCP Journal of Sciences & Technology (UCP-JST) ISSN: 3005-5571 (Online) 3005-5563 (Print)	Vol. 1 Issue 1	July, 2023 - Dec, 2023	Published
7	UCP Journal of Engineering & Information Technology (UCP-JEIT)	Vol. 1 Issue 1	Jan, 2023 - June, 2023	Published
		Vol. 1 Issue 2	July, 2023 - Dec, 2023	In process

7th Pakistan Industrial Expo 2023

7th Pakistan Industrial Expo recently concluded at the Lahore Expo Centre, the organizers have announced plans to set up a “Pakistan Pavilion” at their forthcoming events in South Africa, Kenya, the UAE and Saudi Arabia to promote Pakistani products. Around 250 Pakistani and Chinese companies were showcasing their products and services at this event.



Takhleeq Business Incubator, in collaboration with the Bank of Punjab & National Incubation Center, brought innovation to life at the Sprint Pakistan Hackathon at Takhleeq on Monday, 16th October 2023. The event showcased the immense talent and creativity of our participants, and the atmosphere was charged with energy and excitement.

MoU Signing Ceremony with GHS and NAFS

Faculty of Science and Technology has signed a MOU with Global Halal Services (GHS) and National Alliance for Safe Food (NAFS). This collaboration is a testament to our communal commitment to SDG 17 (Partnerships for the Goals).

The goal also emphasizes the importance of access to science and technology, in particular internet-based information and communications technology.



MOU signing ceremony between FOPS-UCP & Mass Pharma



Faculty of Pharmaceutical Sciences has signed a MoU with Mass Pharma, a leading pharmaceutical company. UCP and Mass Pharma will work together to promote education and skill development in the pharmaceutical industry (SDG 4). By developing innovative healthcare solutions to enhance the health and well-being of communities worldwide (SDG 3). Together, we can make a difference.

UCP Achievements

Dr. Muhammad Akhyar Farrukh, Professor of Chemistry, FOST, has been listed among the “World’s Top 02% Most Influential Scientists 2023” by Stanford University. The selection is based on the top 100,000 scientists by c-score (with and without self-citations) or a percentile rank of 2% or above



Research Publications

Sr. No.	Title	Faculty Members name/ Faculty	Impact Factor	Category
1	Numerical simulation and analysis of the stochastic HIV/AIDS model in fractional order	Dr. Zain Ul Abadin Zafar Assistant Professor (FOST)	5.3	W
2	Characterization of Secondary Metabolites Identified in <i>Lentinula edodes</i> and Determination of Their Biological Activities by in -silico Antioxidant Screening	Dr. Muhammad Afzal & Dr. Tanzeela Riaz Associate Professor (FOST)	2.1	X
3	Fabrication and Evaluation of Anticancer Potential of Eugenol Incorporated Chitosan -Silver Nanocomposites: In Vitro, In Vivo, and In Silico Studies	Dr. Sumera Zaib HoD/Associate Professor (FOST)	3.3	W
4	Cooperative assemblies featuring hydrogen bonding and C -H... π interactions in 2 - (methanesulfonamido) benzohydrazide derivatives: Experimental, computational and biochemical assessment	Dr. Sumera Zaib HoD/Associate Professor (FOST)	3.8	X
5	Pyrimidine-morpholine hybrids as potent druggable therapeutics for Alzheimer's disease: Synthesis, biochemical and in silico analyses	Dr. Sumera Zaib HoD/Associate Professor (FOST)	5.1	W
6	Synthesis of Iron Oxide Nanoparticles from <i>Madhuca indica</i> Plant Extract and Assessment of Their Cytotoxic, Antioxidant, Anti-Inflammatory, and Anti -Diabetic Properties via Different Nanoinformatics Approaches	Dr. Muhammad Naveed & Dr. Shafiq Ur Rehman HoD/Associate Professor & Associate Professor (FOST)	4.1	W
7	In silico explorations of bacterial mercuric reductase as an ecofriendly bioremediator for noxious mercuric intoxications	Dr. Muhammad Naveed HoD/Associate Professor (FOST)	2.349	X
8	CRISPR-Cas9 guided RNA based model for the treatment of Amyotrophic Lateral Sclerosis: A progressive neurodegenerative disorder	Dr. Muhammad Naveed HoD/Associate Professor (FOST)	2.349	X
9	Designing a novel chimeric multi -epitope vaccine subunit against <i>Staphylococcus argenteus</i> through artificial intelligence approach integrating pan - genome analysis, in vitro identification, and immunogenicity profiling	Dr. Muhammad Naveed HoD/Associate Professor (FOST)	4.4	X
10	Molecular identification of missense variants in SLC3A1 gene; an approach leading to computer aided drug design for cystinuria	Muhammad Awais Senior Lecturer (FOST)	3.5	W

Research Publications

Sr. No.	Title	Faculty Members name/ Faculty	Impact Factor	Category
11	Computationally efficient optimal control analysis for the mathematical model of Coronavirus pandemic	Dr. Muhammad Rafiq Professor (FOST)	8.5	W
12	Optimally analyzed fractional Coronavirus model with Atangana–Baleanu derivative	Dr. Muhammad Rafiq Professor (FOST)	5.3	W
13	A reliable numerical investigation of an SEIR model of measles disease dynamics with fuzzy criteria	Dr. Muhammad Rafiq Professor (FOST)	4.6	W
14	Purinergic Signaling and its Role in the Stem Cell Differentiation	Dr. Sumera Zaib HoD/Associate Professor (FOST)	3.8	X
15	Discovery of druggable potent inhibitors of serine proteases and farnesoid X receptor by ligand-based virtual screening to obstruct SARS-CoV-2	Dr. Sumera Zaib HoD/Associate Professor (FOST)	8.2	W
16	Anti-inflammatory Alkaloids Targeting IL-1 against Respiratory Viral Infections: A Special Insight into Drug Development against SARS-CoV-2	Dr. Salma Batool Assistant Professor (FOST)	2.3	X
17	An mRNA-based reverse-vaccinology strategy to stimulate the immune response against Nipah virus in humans using fusion glycoproteins	Dr. Muhammad Naveed HoD/Associate Professor (FOST)	2.349	X
18	Tailoring molecular recognition in pre-designed multifunctional enzyme mimicking porphyrin imprinted interface for high affinity and differential selectivity; sensing etoposide in lung cancer patients	Dr. Amina Arif Associate Professor (FOST)	12.6	W
19	Tracking molecular response of tyrosine kinase inhibitors therapy in chronic myeloid leukemia patients using rt-pcr profiling of bcr-abl transcripts	Dr. Amina Arif Associate Professor (FOST)	0.7	X
20	Comparison of energy conditions in general relativity and modified theories of gravity	Dr. Hafiza Rizwana Kausar & Dr. Amal Majid Dean & Assistant Professor (FOST)	1.8	X
21	Raphanus caudatus biomass powder as potential adsorbent for the removal of crystal violet and Rhodamine B dye from wastewater	Dr. Khalida Naseem Assistant Professor (FOST)	2.5	X
22	Inorganic nanoparticles fabricated alginate-based nanocomposites for the treatment of brilliant blue dye	Dr. Khalida Naseem Assistant Professor (FOST)	3.8	W
23	Preparation and investigation of a novel combination of Solanum nigrum-loaded,	Dr. Sumera Zaib	5.6	W

Research Publications

Sr. No.	Title	Faculty Members name/ Faculty	Impact Factor	Category
24	Fabrication and evaluation of anticancer potential of diosgenin incorporated chitosan -silver nanoparticles; in vitro, in silico and in vivo studies	Dr. Sumera Zaib HoD/Associate Professor (FOST)	8.2	W
25	Sublethal Doses of Clove Oil Deplete the Energy Reserves and Downregulate the Carbohydrate Metabolizing Enzymes in the 4th Instar Larvae of <i>Trogoderma granarium</i>	Dr. Tanzeela Riaz Associate Professor (FOST)	0.6	X
26	A Nonstandard Computational Investigation of SEIR Model with Fuzzy Transmission, Recovery and Death Rates	Dr. Muhammad Rafiq Professor (FOST)	3.1	W
27	Numerical simulations with mitigation strategies on Barabási –Albert network for the spread of coronavirus in Pakistan	Dr. Muhammad Rafiq & Dr. Abdul Rauf Nizami Professor & Associate Professor (FOST)	3.4	W
28	Exploring the potential application of peroxidase enzyme from <i>Acinetobacter baumannii</i> as an eco-friendly agent for the bioremediation of the highly noxious pyrethroid compounds through molecular docking analysis	Dr. Muhammad Naveed HoD/Associate Professor (FOST)	4	X
29	Potential industrial and nutritional applications of shrimp by-products: a review	Dr. Hafiz Rizwan Sharif Associate Professor (FOST)	2.9	W
30	New Insights into Health-Promoting Effects of Nobiletin from Citrus Fruits	Dr. Hafiz Rizwan Sharif Associate Professor (FOST)	6.043	W
31	The analysis of a new fractional model to the Zika virus infection with mutant	Dr. Zain Ul Abadin Zafar Assistant Professor (FOST)	4	W
32	Formulation, Characterization, and Evaluation of β -Cyclodextrin Functionalized Hypericin Loaded Nanocarriers	Dr. Muhammad Zaman & Dr. Huma Hameed Associate Professor & Assistant Professor (FOPS)	4.1	W
33	Vesicular approach of cubosomes, its components, preparation techniques, evaluation and their appraisal for targeting cancer cells	Dr. Muhammad Zaman Associate Professor (FOPS)	4.4	W
34	Lamotrigine-Loaded Poloxamer -Based Thermo -Responsive Sol –Gel: Formula tion, In Vitro Assessment, Ex Vivo Permeation, and Toxicology Study	Dr. Muhammad Zaman & Dr. Huma Hameed Associate Professor & Assistant Professor (FOPS)	4.6	X
35	Solid lipid nanoparticles: a versatile approach for controlled release and targeted drug delivery	Dr. Muhammad Zaman Associate Professor (FOPS)	4.4	W

Research Publications

Sr. No.	Title	Faculty Members name/ Faculty	Impact Factor	Category
36	Statistically Optimized Polymeric Buccal Films of Eletriptan Hydrobromide and Itopride Hydrochloride: An In Vivo Pharmacokinetic Study	Dr. Muhammad Zaman Associate Professor (FOPS)	4.6	W
37	Thermo-Responsive Sol-Gel-Based Nano-Carriers Containing Terbinafine HCl: Formulation, In Vitro and Ex Vivo Characterization, and Antifungal Activity	Ms. Naila Tabassam & Dr. Huma Hameed Senior Lecturer & Assistant Professor (FOPS)	4.6	X
38	Prevalence of Eating Disorders and Their Association with Social Media Addiction among Youths	Dr. Huma Hameed Assistant Professor (FOPS)	5.9	W
39	Design, optimization & characterization of niosomal & polymeric nanoparticles	Dr. Muhammad Zaman Associate Professor (FOPS)	3.2	X
40	AD-CAM: Enhancing Interpretability of Convolutional Neural Networks with a Lightweight Framework - From Black Box to Glass Box	Dr. Saeed Iqbal Khattak Assistant Professor (FOIT & CS)	7.7	W
41	Privacy-preserving collaborative AI for distributed deep learning with cross-sectional data	Dr. Saeed Iqbal Khattak Assistant Professor (FOIT & CS)	3.6	W
42	Class-Wise Classifier Design Capable of Continual Learning Using Adaptive Resonance Theory-Based Topological Clustering	Dr. Farhan Dawood Hod Software Engineering/ Assistant Professor (FOIT & CS)	2.7	W
43	Comparing Different Oversampling Methods in Predicting Multi-Class Educational Datasets Using Machine Learning Techniques	Muhammad Arham Tariq Lecturer	1.2	X
44	AMIAC: adaptive medical image analyzes and classification, a robust self-learning framework	Dr. Saeed Iqbal Khattak Assistant Professor (FOIT & CS)	6	W
45	Improving Quality of Human Resources through HRM Practices and Knowledge Sharing	Dr. Salman Iqbal Assistant professor (FOMS)	3	W
46	Development Under Belt and Road Initiative: Gains for Tourism Industry in Participant Countries	Dr. Sami Ullah Assistant professor (FOMS)	1.9	X

Research Publications

Sr. No.	Title	Faculty Members name/ Faculty	Impact Factor	Category
47	Why choose technology parks for business location in Pakistan	Dr. Sami Ullah Assistant professor (FOMS)	2.7	X
48	From screen to service: how corporate social responsibility messages on social media shape hotel consumer advocacy	Dr. Aqeel Ahmad Associate Professor (FOMS)	12.5	W
49	Empowering neural collaborative filtering with contextual features for multimedia recommendation	Dr. Muhammad Shehzad Hanif Assistant Professor (FOMS)	2.603	W
50	Cyberslacking continuance intentions of the adult online learners from the business schools: An espoused cultural value perspective	Dr. Muhammad Shehzad Hanif & Dr. Aitzaz Khurshid Assistant Professor (FOMS)	5.2	W
51	Role of green and multisensory packaging in environmental sustainability: Evidence from FMCG sector of Pakistan	Dr. Raja Irfan Sabir Associate Professor (FOMS)	3	X
52	An improved 0.8VOC model -based global maximum power point tracking algorithm for photovoltaic system	Dr. Ali Faisal Murtaza Associate Professor/Director Research (FOE/ORIC)	2.3	X
53	BPNN model-based AI for the estimation of soot data from flame luminosity emissions in H ₂ /N ₂ diluted ethylene laminar diffusion flames	HoD, Mechanical Engineering Department (FOE)	3.2	W
54	Pak–India relations: A comparative analysis of political cartoons	Dr. Fawad Baig HoD/Associate Professor (FMMC)	1.3	W
55	China's Policy Toward Afghanistan and Its Impact on India	Dr. Muhammad Usman Askari Associate Professor (FHSS)	0.2	X

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 2023 following are the ToR of ORIC Steering Committee Meeting:
- 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.
- Monitoring the progress of research and innovation initiatives.
- Assessing the effectiveness of commercialization efforts.
- Ensuring alignment with the organization's mission and strategic priorities.

10 Steering Committees Meetings for ORIC at UCP, had been conducted to provide strategic leadership.

Meetings	Date
1	8 th Feb, 2023
2	8 th Mar, 2023
3	11 th April, 2023
4	19 th May, 2023
5	13 th June, 2023
6	22 nd June, 2023
7	30 th June, 2023
8	25 th Aug, 2023
9	26 th Oct, 2023
10	14 th Dec, 2023