April-June, 2024

ORIC

E-Newsletter







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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 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. ORIC at UCP is striving to play its due role in helping Pakistan transition into a knowledge-based economy.

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 (April - June, 2024)

| Sr. No. | Name | Picture | Designation/ Faculty | Citations | H- index | i10- index |
|------------|--------------------------------------|---------|---------------------------------------|-----------|-------------|---------------|
| 1. | Dr. Muhammad Naveed | | HoD/Associate Professor/ (FOST) | 7809 | 34 | 71 |
| 2. | Dr. Muzammil Hussain | | Associate Professor/ (FOIT&CS) | 4111 | 40 | 43 |
| 3. | Dr. Sumera Zaib | | HoD/Associate Professor/ (FOST) | 3876 | 34 | 103 |
| 4. | Dr. Muhammad Akhyar Farrukh | | Professor/ (FOST) | 2942 | 31 | 68 |
| 5. | Dr. Ghulam Jilany Khan | | Associate Professor/ (FOPS) | 2704 | 26 | 40 |

H-

i10-

Citations

| No. | Name | Picture | Faculty | Citations | index | index |
|-----|--------------------------------|---------|--|-----------|-------|-------|
| 6. | Dr. Khalida Naseem | | Assistant Professor/ (FOST) | 2657 | 28 | 45 |
| 7. | Dr. Hafiz Rizwan Sharif | | Associate Professor/ (FOST) | 2599 | 17 | 28 |
| 8. | Dr. Muhammad Rafiq | | Professor/ (FOST) | 2551 | 28 | 90 |
| 9. | Dr. Ali Faisal Murtaza | | Dir. Research/ Associate Professor/ ORIC/ FOE | 2155 | 22 | 41 |
| 10. | Dr. Shahid Saeed Siddiqi | | HoD/Professor Faculty of Science & Technology (FOST) | 2122 | 28 | 55 |
| | | | | | | |

Designation/

Sr.

Name

Picture

| Sr. No. | Name | Picture | Designation/ Faculty | Citations | H- index | i10- index |
|------------|--|---------|-----------------------------------|-----------|-------------|---------------|
| 11. | Dr. Mahtab Ahmad Khan | | Dean/ Professor/ (FOPS) | 2046 | 17 | 30 |
| 12. | Dr. Saira Andleeb Gillani | | Professor/ (FOIT&CS) | 1992 | 16 | 19 |
| 13. | Dr. Muhammad Jamshaid | | Professor/ (FOPS) | 1689 | 24 | 45 |
| 14. | Dr. Ahmad Faisal Imtiaz Siddiqi | | Professor/ (FOMS) | 1671 | 17 | 25 |
| 15. | Dr. Muhammad Zaman | | Associate Professor/ (FOPS) | 1500 | 21 | 50 |

| Sr. No. | Name | Picture | Designation/ Faculty | Citations | H- index | i10- index |
|------------|-------------------------|---------|-----------------------------------|-----------|-------------|---------------|
| 16. | Dr. Raja Irfan Sabir | | Associate Professor/ (FOMS) | 1441 | 19 | 31 |
| 17. | Dr. Muhammad Riaz | | Assistant Professor/ (FOST) | 1365 | 16 | 30 |
| 18. | Dr. Babar Hussain | | Assistant Professor/ (FOST) | 1116 | 15 | 21 |
| 19. | Mr. Farahat Ali | | Senior Lecturer/ (FMMC) | 1113 | 10 | 10 |
| 14. | Taimoor Hassan | | Senior Lecturer/ (FMMC) | 1084 | 17 | 23 |

Intellectual Property Rights (IPs)



Intellectual Property Rights provide a guideline and institutional structure to commercialize research at UCP. The university aspires to disseminate the intellectual and knowledge discovery work done by its faculty, staff, and students into the industry so that it can have a societal and economic impact. An Intellectual Property Policy is being proposed to develop the necessary workflow to protect and monetize the university's research.

It will provide the way to encapsulate UCP's research and intellectual property opportunities at an early stage. It will translate these benefits into industry by collaborating closely with the industry through partnerships, collaborations.

IPs Filed April - June, 2024

| Sr. No. | Title | Faculty Member's Name | Faculty | IPs Type |
|------------|---|-----------------------------|---------|-------------|
| 1. | Immunoinformatics-driven drug design utilizing Bufexamac to target CISIDI activation for Pakinson's disease | Dr. Javed Iqbal | FOST | Patent |

IPs Examination Report April - June, 2024

| 1. | Scratch Using AR | Fariha Fatima Arif | FOIT&CS | Patent |
|----|--|-----------------------|---------|--------|
| 2. | MODIFIED CASCADED DESIGNED CONTROLLER BASED ON FRACTIONAL CALCULUS OPERATOR β | Daud Sibtain | FOE | Patent |

| 3. | DE NOVO DAMAGING VARIANTS IN EXOMES OF CONGENITAL HEART DISEASE PATIENTS | Dr. Hira Mubeen | FOST | Patent |
|-----|---|-----------------------|------|--------|
| 4. | DETECTION OF RARE HOMOZYGOUS DAMAGING VARIANTS | Dr. Hira Mubeen | FOST | Patent |
| 5. | Copy Number Variations Useful For Risk Assessment Of Cardiac Anomalies | Dr. Hira Mubeen | FOST | Patent |
| 6. | PRIORITIZING SINGLE NUCLEOTIDE VARIANTS THROUGH WHOLE EXOME SEQUENCING | Dr. Hira Mubeen | FOST | Patent |
| 7. | Novel Cardamom-Fennel Based Gummies for Muscle Spasm and Flatulence | Dr. Muhammad Zaman | FOPS | Patent |
| 8. | Novel Composition of Chocolate Based Molded Tablets of Qust-e-Shireen and Stinging nettle | Dr. Muhammad Zaman | FOPS | Patent |
| 9. | Novel composition based Pharmaceutical Bilayer tablet of Sitagliptin and Valsartan | Dr. Muhammad Zaman | FOPS | Patent |
| 10. | Novel Composition of Chocolate Based Molded Tablets of Qust-e-Shirin | Dr. Muhammad Zaman | FOPS | Patent |

| 11. | Edispoons: Edible spoons revolutionizing sustainable utensils | Dr. Kanza Aziz Awan | FOST | Patent |
|-----|--|------------------------|------|--------|
| 12. | Environmental friendly synthesis of leather from genetically modified mushroom | Dr. Sumaira Zaib | FOST | Patent |
| 13. | Novel Clove Oil Based Gummies for Oral Trush | Dr. Muhammad Zaman | FOPS | Patent |
| 14. | Development of Genomic-assisted breeding scheme for improvement of quality phenotypes in fragrant Rice cultivars | Dr. Javed Iqbal | FOST | Patent |

Faculty Industry Placement Program (FIPP) August - September, 2024

Scope:

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

Objectives:

- 1.To provide Faculty members an opportunity to be enlightened with industrial environments, enabling him/her to initiate Industry-related research / applied research.
- 2. Process improvement (industrial production line) and innovative work to provide technical support.
- 3. Industry academia interface be increased
- 4. Up Skilling be focused- Multiple skills, integration of disciplines, mobility between Sectors
- 5. Mentoring & Coaching.



Faculty wise Publication Details (April-June, 2024)

FOST Publication List

| Sr. No. | Faculty Member Name | Designation | HEC Cat | Journal | Impact Factor | Title |
|------------|---------------------------|----------------------------|------------|--|------------------|---|
| 1. | Dr. Sumera Zaib | HoD/Associate Professor | W | ACS Omega | 4.1 | Synthesis, Glucosidase Inhibition, and In Silico Modeling Analysis of Highly Fluorinated 2-Imino-1,3- thiazolines in Search of Potent Antidiabetic Agents |
| 2. | Dr. Sumera Zaib | HoD/Associate Professor | W | Current Medicinal Chemistry | 4.1 | Therapeutic Chemoresistance in Ovarian Cancer: Emerging Hallmarks, Signaling Mechanisms and Alternative Pathways |
| 3. | Dr. Sumera Zaib | HoD/Associate Professor | W | Frontiers in Chemistry | 5.5 | Acyl pyrazole sulfonamides as new antidiabetic agents: synthesis, glucosidase inhibition studies, and molecular docking analysis |
| 4. | Dr. Sumera Zaib | HoD/Associate Professor | W | Frontiers in Chemistry | 5.5 | Synthesis and biological evaluation of pyridylpiperazine hybrid derivatives as urease inhibitors |
| 5. | Dr. Khalida Naseem | Assistant Professor | W | Polymers for Advanced Technologies | 3.4 | Polyurethane-based nanocomposite for catalytic reduction of toxic dyes |
| 6. | Dr. Khalida Naseem | Assistant Professor | X | Inorganic Chemistry Communication | 3.8 | Inorganic nanoparticles as a potential catalyst for the reduction of Rhodamine B dye: A critical review |

| Sr. No. | Faculty Member Name | Designation | HEC Cat | Journal | Impact Factor | Title |
|------------|---------------------------|----------------------------|------------|---|------------------|---|
| 7. | Dr. Khalida Naseem | Assistant Professor | X | Reviews in Inorganic Chemistry | 4.1 | Bioinorganic metal nanoparticles and their potential applications as antimicrobial, antioxidant and catalytic agents: a review |
| 8. | Muhammad Saad Tariq | Senior Lecturer | X | Crystal Research and Technology | 1.5 | Pressure-Induced Effects on BaPbO3: A Prospectively Valuable Material for Piezoelectric Applications via DFT |
| 9. | Muhammad Saad Tariq | Senior Lecturer | X | Inorganic Chemistry Communication | 3.8 | First principal investigations to explore the half-metallicity, structural, mechanical, and optoelectronic properties of sodiumbased fluoroperovskites NaYF3 (Y = Sc and Ti) for applications in spintronics and optoelectronics |
| 10. | Dr. Muhammad Naveed | HoD/Associate Professor | Y | Open Chemistry | 2.3 | Integrated track of nano-informatics coupling with the enrichment concept in developing a novel nanoparticle targeting ERK protein in Naegleria fowleri |
| 11. | Dr. Muhammad Naveed | HoD/Associate Professor | Y | Frontiers in Bioscience - Landmark | 3.1 | Whole Genome Analysis of Tibetan Kefir-Derived Lactiplantibacillus Plantarum 12-3 Elucidates Its Genomic Architecture, Antimicrobial and Drug Resistance, Potential Probiotic Functionality and Safety |
| 12. | Dr. Muhammad Naveed | HoD/Associate Professor | X | Zeitschrift fur Naturforschung - Section C Journal of Biosciences | 2 | Investigating the anti-cancer compounds from Calliandra harrisii for precision medicine in pancreatic cancer via in-silico drug design and GC-MS analysis |

| Sr. No. | Faculty Member Name | Designation | HEC Cat | Journal | Impact Factor | Title |
|------------|------------------------------|----------------------------|------------|--|------------------|---|
| 13. | Dr. Muhammad Naveed | HoD/Associate Professor | W | Scientific Reports | 4.6 | Molecular identification of Proteus mirabilis, Vibrio species leading to CRISPR-Cas9 modification of tcpA and UreC genes causing cholera and UTI |
| 14. | Dr. Sumera Zaib | HoD/Associate Professor | W | Frontiers in Chemistry | 5.5 | Exploration of morpholine-thiophene hybrid thiosemicarbazones for the treatment of ureolytic bacterial infections via targeting urease enzyme: Synthesis, biochemical screening and computational analysis |
| 15. | Dr. Sumera Zaib | HoD/Associate Professor | W | International Journal of Biological Macromolecules | 8.2 | Design and discovery of urease and Helicobacter pylori inhibitors based on benzofuran/benzothiophene-sulfonate and sulfamate scaffolds for the treatment of ureolytic bacterial infections |
| 16. | Dr Hafiz Rizwan Sharif | Associate Professor | W | Journal of Food Measurement and Characterization | 3.4 | Ultrasonication-assisted deep eutectic solvent extraction of flavonoids from pretreated fenugreek and their antidiabetic & hypo-lipidemic potential |
| 17. | Dr. Muhammad Naveed | HoD/Associate Professor | Y | CYTA - Journal of Food | 2.1 | Assessment of the whole genome sequencing of Lactiplantibacillus plantarum 13-3 for elucidation of novel bacteriocin producing gene cluster and confirmation of its potential probiotic functionality and safety applications |

| Sr. No. | Faculty Member Name | Designation | HEC Cat | Journal | Impact Factor | Title |
|------------|--|----------------------------|------------|---|------------------|--|
| 18. | Dr. Muhammad Naveed | HoD/Associate Professor | X | Zeitschrift fur Naturforschung - Section C Journal of Biosciences | 2 | Comparative analysis among the degradation potential of enzymes obtained from Escherichia coli against the toxicity of sulfur dyes through molecular docking |
| 19. | Dr. Muhammad Naveed | HoD/Associate Professor | Y | Open Chemistry | 2.3 | Comparative toxicity assessment of fisetin-aided artificial intelligence-assisted drug design targeting epibulbar dermoid through phytochemicals |
| 20. | Dr. Muhammad Naveed | HoD/Associate Professor | X | International Immunopharmac ology | 5.6 | Integrating 16S rRNA profiling and in-silico analysis for an epitopebased vaccine strategy against Achromobacter xylosoxidans infection |
| 21. | Dr. Muhammad Afzal & Dr. Muhammad Naveed | Associate Professor | W | Scientific Reports | 4.6 | Pharmacological evaluation and phytochemical profiling of butanol extract of L. edodes with in-silico virtual screening |

FOPS Publication List

| Sr. No. | Faculty Member Name | Designation | HEC Cat | Journal | Impact Factor | Title |
|------------|--|------------------------|------------|---|------------------|---|
| 1. | Dr. Huma Hameed & Dr. Mahtab Ahmad Khan | Assistant Professor | W | International Journal of Biological Macromolecules | 8.2 | Chitin: A versatile biopolymer-based functional therapy for cartilage regeneration |
| 2. | Dr. Huma Hameed | Assistant Professor | W | AAPS PharmSciTech | 3.3 | A Comprehensive Review of Hydrogel-Based Drug Delivery Systems: Classification, Properties, Recent Trends, and Applications |
| 3. | Dr. Huma Hameed | Assistant Professor | X | International Journal of Polymeric Materials and Polymeric Biomaterials | 3.2 | Niosome-based gels: a smart nano- carrier for effective and advanced transdermal drug delivery |
| 4. | Dr. Muhammad Zaman | Associate Professor | W | Journal of Drug Delivery Science and Technology | 5 | Novel insulin-montmorillonite sodium complex containing pH regulated nanocomposite hydrogels |
| 5. | Dr. Muhammad Zaman | Associate Professor | W | Journal of Drug Targeting | 4.5 | Navigating the tumor microenvironment: mesenchymal stem cell-mediated delivery of anticancer agents |
| 6. | Dr. Muhammad Asad Saeed & Dr . Muhammad Zaman | Assistant Professor | X | Chemistry and Biodiversity | 2.9 | Physicochemical Evaluation and Pharmacological Screening of Fernando Adenophylla Steenis Fruits |

| Sr. No. | Faculty Member Name | Designation | HEC Cat | Journal | Impact Factor | Title |
|------------|---|------------------------|------------|---|------------------|--|
| 7. | Dr. Huma Hameed & Dr. Muhammad Zaman | Assistant Professor | X | International Journal of Polymeric Materials and Polymeric Biomaterials | 3.2 | Buccal films: an assessment of protuberant features, manufacturing contemplations, formulation techniques & characterization strictures |
| 8. | Dr. Huma Hameed & Dr. Mahtab Ahmad Khan | Assistant Professor | W | Mini-Reviews in Medicinal Chemistry | 3.8 | Nanoparticle-based Gene Therapy for Neurodegenerative Disorders |
| 9. | Dr. Waqas Akram & Dr Mahtab Ahmad Khan | Senior Lecturer | W | PLoS ONE | 3.7 | Comparison of EKFC, Pakistani CKD-EPI and 2021 Race-Free CKD-EPI creatinine equations in South Asian CKD population: A study from Pakistani CKD community cohort |

FOIT&CS Publication List

| Sr. No. | Faculty Member Name | Designation | HEC Cat | Journal | Impact Factor | Title |
|------------|-------------------------------|------------------------|------------|--|------------------|--|
| 1. | Rabia Arshad | Senior Lecturer | W | AEJ-Alexandria Engineering Journal | 6.8 | User clustering in cell-free massive MIMO NOMA system: A learning based and user centric approach |
| 2. | Dr. David Samuel Bhatti | Assistant Professor | W | IEEE Access | 3.9 | IoT-Enhanced Transport and Monitoring of Medicine Using Sensors, MQTT, and Secure Short Message Service |

| Sr. No. | Faculty Member Name | Designation | HEC Cat | Journal | Impact Factor | Title | |
|------------|-------------------------------|------------------------|------------|--------------------------------------|---|---|--|
| 3. | Dr. David Samuel Bhatti | Assistant Professor | W | IEEE Access | 3.9 | Design and Evaluation of Memory Efficient Data Structure Scheme fo Energy Drainage Attacks in Wireless Sensor Networks | |
| 4. | Dr. Saeed Iqbal Khattak | Assistant Professor | W | Computers in Human Behavior | 9.9 | Adaptive magnification network for precise tumor analysis in histopathological images | |
| 5. | Dr. Muhammad Zubair | Assistant Professor | W | IEEE Access | An Improved Machine Learning Driven Framework for Cryptocurrencies Price Prediction With Sentimental Cautioning | | |
| 6. | Dr Adnan Ghafoor | Assistant Professor | W | Artificial Intelligence Review | 12 | Exploring the impact of SEO-based ranking factors for voice queries through machine learning | |

FOMS Publication List

| Sr. No. | Faculty Member Name | Designation | HEC Cat | Journal | Impact Factor | Title |
|------------|---------------------------|------------------------|------------|---|------------------|--|
| 1. | Dr. Jawad Abbas | Assistant Professor | W | Environment, Development and Sustainability | 4.9 | Role of environmental decentralization, green human capital, and digital finance in firm green technological innovation for a sustainable society |
| 2. | Dr. Raja Irfan Sabir | Associate Professor | Y | Discover Sustainability | 2.6 | Adoption of environmental technologies in the hotel industry: development of sustainable intelligence and pro-environmental behavior |
| 3. | Dr. Waqar Ahmed | Assistant Professor | W | European Journal of Education | 2.4 | The impact of diversity experiences and innovative learning environments on the personal development of international students studying in China |
| 4. | Dr Jawad Abbas | Assistant Professor | W | Environment, Development and Sustainability | 4.9 | Green supply chain management and firm sustainable performance: unlocking the role of transactional and transformational leadership in firm sustainable operations |

UCP Research Journals April-June, 2024

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

| Sr No. | Journal Name | Issue | Duration | Publication Status Remarks |
|-----------|---|----------------|------------------|-------------------------------|
| | | Vol. 1 Issue 2 | Jan 23- June 23 | Published |
| 4 | UCP Journal of Business Perspectives UCP-JBP ISSN: 3005-8961(Print) | Vol. 1 Issue 2 | July 23 - Dec 23 | Published |
| | 3005-897X (Online) | Vol 2 Issue 1 | Jan 24 - June 24 | In process |
| | UCP Journal of Languages & Literature UCP-JLL ISSN: 3005-6594 (Online) 3005-6586 (Print) | Vol. 1 Issue 1 | Jan 23 - June 23 | Published |
| 5 | | Vol. 1 Issue 2 | July 23 - Dec 23 | Published |
| | | Vol 2 Issue 1 | Jan 24 - June 24 | In process |
| | UCP Journal of Sciences & Technology UCP-JST ISSN: 3005-5571 (Online) 3005-5563 (Print) | Vol. 1 Issue 1 | July 23 - Dec 23 | Published |
| 6 | | Vol. 1 Issue 2 | Jan 24- June 24 | Published |
| | UCP Journal of Engineering & | Vol. 1 Issue 1 | Jan 23 - June 23 | Published |
| | Information Technology UCP-JEIT ISSN: 3005-8007 (Print) 3005-8015 (Online) | Vol. 1 Issue 2 | July 23 - Dec 23 | Published |
| | - 3003 0013 (Online) | Vol 2 Issue 1 | Jan 24 - June 24 | In process |

Workshops facilitated by ORIC (April-June, 2024)

1. IPs Workshops Schedule

| | ORIC - IPs Workshops | (Venue: Tak | hleeq Board Room) | |
|---------|--|--|-------------------|-------------------------------------|
| Sr. No. | Resource Person | Topic | Time | Date & Day |
| 1 | Ms. Shakra Khurshid (Assistant Controller of Patent) | IPs- Basic Concepts with Application Procedure | 2:00-3:00 PM | 7th August, 2024 (Wednesday) |
| 1a | Ms. Shakra Khurshid (Assistant Controller of Patent) | IPs-Basic Concepts (Mphil/PhD) Students/FMs (Panel Discussion) | 3:00-4:00 PM | 7th August, 2024 (Wednesday) |
| 2 | Ms. Shakra Khurshid (Assistant Controller of Patent) | Introduction to Design and Application Procedure | 2:00-4:00 PM | 13th August, 2024 (Wednesday) |
| 3 | Mr. Saad Nasarullah (IPs expert) | Introduction to Copyrights and Application Procedures | 2:00-4:00 PM | 21st August, 2024 (Wednesday) |
| 4 | Mr. Saad Nasarullah (IPs Expert) | 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 | 2:00-4:00 PM | 4th September, 2024 (Wednesday) |
| 6 | Ms. Shakra Khurshid (Assistant Controller of Patent) | IPs Workshop on Exercise for Drafting Techniques | 2:00-4:00 PM | 11th September, 2024 (Wednesday) |

2. Workshops on Research Proposal & Grants

| R | esearch Proposals & Gra Opportunities (| | (Venue: Takhleeq Basement Board Room) | | | |
|-------|--|--|---------------------------------------|------------------------|-------------------|--|
| Slots | Resource Person | Topic | Time | Date & Day | No. of candidates | |
| Day-1 | Dr. Shahid Raza (Director ORIC- UCP) | RESEARCH PROPOSALS & GRANTS (RP&G)- BRIEF INTRODUCTION | 10:00-10:30 AM | 5th September, 2024 | 25-30 | |
| | Prof. Dr. Muhammad Akhyar Farrukh (Professor of Chemistry, UCP) | RESEARCH PROPOSALS & GRANTS (RPG)- BASIC TECHNIQUES AND WINNING STRATEGY | 10:30 AM-12:30 PM | (Thursday) | -23 - 30- | |
| | Dr. Shahid Raza (Director ORIC- UCP) | RESEARCH PROPOSALS & GRANTS (RP&G)- BRIEF INTRODUCTION | 10:00-10:30 AM | 6th September, | 25-30 | |
| Day-2 | Prof. Dr. Muhammad Akhyar Farrukh (Professor of Chemistry, UCP) | RPGS AND COMMERCIALIZATI ON (INDUSTRY) | 10:30 AM-12:30 PM | 2024 (Friday) | | |

Events Arranged/Organized by ORIC (April-June, 2024)

Pakistan Sustainability Week 2024:

Pakistan Sustainability Week (PSW) is dedicated to accelerating global sustainable development in Pakistan and beyond. Pakistan's geography is marked by vast open spaces, making it a prime location for hydro power and wind energy projects.

Purpose:

- 1. It brings attention to environmental, social, and economic issues, highlighting their interconnectedness.
- 2. Sustainability week provides opportunities for learning about sustainable practices, technologies, and policies.
- 3. Sustainability week fosters collaboration among diverse stakeholders, including businesses, government agencies, non-profit organizations, and academic institutions.



AGRI CONNECTION EXPO:



Agriculture is ready to become a real dynamo for Pakistan's economic growth through exports and the leading private investors of Pakistan are taking a strong interest in agriculture as well.

Purpose:

- 1. Re-orienting Pakistan's Agriculture for Food Security.
- 2. Export-led Growth.
- 3. Protection from climate risks for farmers.
- 4. Developing dairy.
- 5. Building machinery service providers.
- 6. Reducing post-harvest losses in horticulture to increase exports.

Pakistan Oil, Gas & Energy Exhibition (POGEE):



The event presented an ideal ground for the Oil & Gas stakeholders to meet key decision makers from national and international oil companies, at the same time attain current and relevant information on the trend, technology and solutions of the industry.

Purpose:

- 1. Industry Networking.
- 2. Showcasing Innovations.
- 3. Market Expansion.
- 4. Investment Opportunities.
- 5. Economic Growth.
- 6. Knowledge Exchange.

ISEM International Solar Energy Meet:

ISEM Pakistan provides a premium platform encompassing all facets of the solar energy industry.

Purpose:

- 1. Sustainable Development.
- 2. Investment Attraction.
- 3. Industry Networking.
- 4. Showcasing Innovations.



Land Star Property Expo 2024:



The Land Star Property Expo 2024 was a significant platform for property developers, real estate agents, investors, and home buyers to explore new projects, trends, and opportunities in the real estate market.

Purpose:

- 1. Showcase Real Estate Opportunities.
- 2. Market Trends and Insights.
- 3. Educational Opportunities.
- 4. Investment Opportunities.
- 5. Innovation and Technology.

29th Pakistan HVACR International Expo & Conference 2024:

The Pakistan HVACR International Expo & Conference is a significant event for anyone involved in the HVACR industry, offering a comprehensive platform for business growth, professional development, and industry advancement.

Purpose:

- 1. Showcasing Innovations.
- 2. Networking Opportunities.
- 3. Promoting Sustainable Practices.
- 4. Professional Development.
- 5. Market Expansion.



Land Star Property Expo 2024:



The Land Star Property Expo 2024 was a significant platform for property developers, real estate agents, investors, and home buyers to explore new projects, trends, and opportunities in the real estate market. Purpose:

- 1. Showcase Real Estate Opportunities.
- 2. Market Trends and Insights.
- 3. Educational Opportunities.
- 4. Investment Opportunities.
- 5. Innovation and Technology.

Conferences facilitated by ORIC (April-June, 2024)

1. 9th ICIBM UCP Business School Spring 2024:



Conference Theme: Managing Resources and Knowledge in the Digitalized & Sustainable Business Ecosystems

About the Conference:

This conference, meticulously organized by UCP Business School, serves as a crucial platform for the exchange of ideas on the complex difficulties posed by the digitalized and sustainable business world. The 9th ICIBM will provide insights into how organizations can strategically manage resources and exploit expertise in this changing ecosystem.

Researchers, practitioners, and thought leaders from around the world will gather to encourage discussions aimed at driving innovation, sustainability, and effective resource management in the modern corporate context. With a focus on knowledge dissemination, ICIBM serves as a beacon, helping researchers, and stakeholders through the complexities of navigating digitalized and sustainable business ecosystems and networking for better practical outcomes.

2. Erasure, Resistance and Innovations Two-day International Conference on Language, Literature and Linguistics

About the Conference:

The Faculty of Languages and Literature organized its first international conference on the theme Erasure, Resistance, and Innovation on June 6 & 7, 2024. The conference aimed to explore ideas revolving around Political erasure of unwanted individuals, communities, cultures, identities, languages, and knowledge through forced and orchestrated collective amnesia. The incorporation of a panel discussion regarding the recent massacre and genocide in Palestine played a pivotal role in raising awareness and voice against oppression.





3. 2nd International Media Conference Media Education and Professional Practices in the Digital Age: Interdisciplinary Reflections & Future Directions



The second plenary session of the 2nd International Media Conference, hosted by the Faculty of Media and Mass Communication (FMMC) at the University of Central Punjab (UCP), took place on May 30, 2024. This session, titled "Media Education and Professional Practices in the Digital Age: Interdisciplinary Reflections and Future Directions," featured a series of insightful talks and discussions from prominent academicians and media professionals.

Conference Highlights:

FMMC received a total of 198 abstracts for the conference. After a thorough review process, 143 abstracts were accepted, and half of these were presented in 10 different parallel sessions on the second day of the conference.

Panel Discussion: A significant part of the day was the panel discussion on "Evolving Practices of Content Creation, Presentation and Editorial Control." This session was moderated by Dr. Atif Ashraf.

The discussions in Plenary-II and the panel session offered valuable interdisciplinary insights into the current and future directions of media education and professional practices in the digital age.

4. Global Conference on Psychopathology & Rehabilitation (GCPR-24)

About the Conference:

The primary objective of the "Global Conference on Psychology & Rehabilitation" is to cultivate a scholarly forum conducive to interdisciplinary collaboration, knowledge dissemination, and purposeful discourse directed towards the advancement of mental health advocacy, awareness, and therapeutic methodologies within the context of physical activity promotion. This convergence will assemble esteemed experts, seasoned practitioners, impassioned advocates, and influential stakeholders from across the globe.

Submissions of original research, encompassing both empirical and theoretical approaches, delve into diverse facets of mental health issues aligned with the overarching theme of conference are invited.





About Steering Committee Meeting:

ORIC (Office of Research, Innovation. Commercialization) Steering Committee Meetings typically involve key stakeholders and decisionmakers who oversee and guide the research and innovation strategies institution or organization. **Exploring** opportunities collaboration with other institutions, industry partners, and governmental agencies to enhance research capabilities and commercialization potential.

Setting long-term goals and objectives for the research and innovation activities of the institution.

Date: 24 April, 2024 (Wednesday).

Time: 10:30 AM

Location: Takhleeq Board Room Ground Floor

Points discussed in 12th ORIC Steering Committee Meeting 24 April, 2024

- 1. To review the performance of ORIC in line with KPIs and strategic plan and guide ORIC leadership by effective oversight and evaluations.
- 2. Confirmation of minutes of the 11th ORIC steering committee meeting.
- 3. ORIC Completed Activities:

About Sichuan Vocational College of Information and Technology Institute China visit, details of Expo Events, Patents submission and examination reports, UCP faculty members have offered ten Consultancies to different industries (facilitated by ORIC) and ORIC SCORECARD (2023-24) progress with committee members and updated them on the current status of its KPIs.

4. ORIC Ongoing Activities:
Research Proposals submission to
National/International Funding Agencies work,
ORIC-E-Newsletter (April-June, 2024), NGIRIIGNITE Funds (Call for Proposals for Final Year
Projects 2023-2024) is being informed by FMs.



13th 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.

Date: 12 June, 2024 (Wednesday).

Time: 10:30 AM

Location: Takhleeg Board Room Ground Floor

Points discussed in 13th ORIC Steering Committee Meeting 12 June, 2024

- 1. To review the performance of ORIC in line with KPIs and strategic plan and guide ORIC leadership by effective oversight and evaluations.
- 2. Confirmation of minutes of the 12th ORIC steering committee meeting.
- 3. ORIC Completed Activities:
 16 students (from FOMS, FLL, FOE & FOIT&CS)
 have been sent on two weeks visit to SVCIT, CHINA,
 EXPO Centre events participation by UCP students
 and faculty and post event reports, about patents
 filing and examination reports, current statusof ORIC
 Scorecard.
- Data Collection for HEC-ORIC SCORECARD,
 IPs Drafting and filing, Research Proposals
 submission to National/International
 Funding Agencies, ORIC-E-Newsletter, Faculty
 Industry Placement Program 2024.