

Office of Research Innovation and Commercialisation



Annual Report 2023

MOU
MEMORANDUM OF
UNDERSTANDING



Lahore College for Women University



ORIC Annual Report 2023

LCWU



**Office of Research, Innovation and Commercialization
Lahore College for Women University, Lahore
Annual Report 2023**

ORIC TEAM



Director: Prof. Dr. Faiza Saleem

Senior Managers: Dr. Nudra Malik, Dr. Mobina Ulfat, Dr. Sahar Zia

Research Officer: Ms. Saima Gulzar

Accountant: Mr. Mohsin Baig

Former Directors (Year 2023): Dr. Aqsa Shabbir (March 2021 – June 2023)

Prof. Dr. Farkhanda Manzoor (July 2023 – September 2023)

Annual Report 2023

Prepared by: Dr. Nudra Malik

Verified by: Prof. Dr. Faiza Saleem



Message from the Vice Chancellor

As we look back on another remarkable year in the Office of Research and Innovation at Lahore College for Women University, I am filled with pride and optimism for the incredible work being done by our faculty, researchers, and students. This annual report highlights not only our achievements but also our collective commitment to advancing knowledge and innovation in meaningful ways.

The progress we have made in research impact, funding and collaborative initiatives demonstrate the strength of our academic community. Our faculty's dedication to pioneering research has led to significant contributions in various fields, fostering a culture of inquiry that resonates throughout our institution. It is inspiring to see our researchers working on global challenges with creativity and determination.

Our commitment to providing quality education is not just about imparting knowledge; it is about fostering an environment that promotes women empowerment and contributes to the socio-economic development of our country. Our faculty's dedication to excellence in teaching and research continues to inspire our students to achieve their highest potential.

I would also like to emphasize the importance of interdisciplinary collaboration, which is at the heart of our mission. By working together across departments and fields, we can amplify our impact and address complex issues more effectively. Our Office of Research and Innovation is committed to supporting these collaborations, ensuring that we have the resources and environment necessary to thrive.

I encourage everyone to remain engaged and explore new opportunities that align with our mission of creating a better future through research. Thank you for your hard work, dedication, and commitment to excellence. Together, we will continue to push the boundaries of what is possible.

Prof. Dr. Shagufta Naz
Vice Chancellor, LCWU



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Message from the ORIC Director

This year, our research efforts have yielded high quality research, resulting in a higher number of publications in reputable journals and impactful projects that directly address key societal challenges. Our faculty members have pursued groundbreaking projects that address some of the most pressing challenges of our time. Innovative studies have been carried out in fields of STEM, Social and Management Sciences, Humanities, Languages and Arts, the diversity and impact of our research has been truly commendable. These efforts not only enhance our institution's reputation but also contribute to the greater good, advancing knowledge and improving lives.

I am particularly proud of our collective success in securing funding from a variety of sources, which has allowed us to expand our research capabilities and support our faculty in their pursuits. This funding is a testament to the quality and relevance of the work being conducted within our university and reflects the trust that external partners place in our research community.

As we move forward, let us continue to foster a culture of collaboration and support, encouraging interdisciplinary work and the sharing of ideas. Together, we can benefit from our strength to attract even more resources and drive impactful research that resonates beyond our campus.

Thank you for your unwavering commitment to research and innovation.

Prof. Dr. Faiza Saleem

Director ORIC



RESEARCH EXCELLENCE

**NUMBER OF RESEARCH PUBLICATIONS****JANUARY TO DECEMBER 2023**

Sr. No.	Name of Faculty/ Institute	HEC Recognized Journals categorized by HJRS			Others	Grand Total	Total Impact Factor
		W	X	Y			
1.	Faculty of Science & Technology	113	37	36	2	188	570.2
2.	Faculty of Arts & Social Sciences	19	19	101	7	160	99.8
3.	Faculty of Islamic & Oriental Learning	1	5	47	5	58	9
4.	Faculty of Management & Administrative Sciences	11	7	20	-	38	49.9
5.	Faculty of Engineering & Technology	6	2	1	1	10	35.6
6.	Faculty of Education	6	3	44	2	55	20.2
7.	Faculty of Pharmaceutical & Allied Health Sciences	54	7	4	1	66	281.2
8.	Non-Teaching Department	4	2	-	-	6	25.3
Total		210	80	253	18	575	1091.2

**Faculty of Science & Technology**

Sr. No.	Name of Department	HEC Recognized Journals categorized by HJRS			Others	Grand Total	Total Impact Factor
		W	X	Y			
1.	Biotechnology	14	6	3	-	23	74.4
2.	Botany	16	6	7	1	30	82.4
3.	Chemistry	11	1	2	1	15	59.8
4.	Environmental Science	8	5	7	-	20	36.6
5.	Geography	3	1	11	-	15	14.9
6.	Mathematics	15	2	3	-	20	62.8
7.	Physics	21	12	-	-	33	122.6
8.	Zoology	25	4	3	-	32	116.7

Faculty of Arts & Social Sciences

Sr. No.	Name of Department	HEC Recognized Journals categorized by HJRS			Others	Grand Total	Total Impact Factor
		W	X	Y			
1.	Applied Psychology	-	6	4	1	11	5.5
2.	Economics	10	4	7	1	22	59.9
3.	History	1	3	8	-	12	1.9
4.	Home Economics	-	1	12	1	14	0.5
5.	International Relations	-	2	4	1	7	0.5
6.	Mass Communication	-	2	8	-	10	2.2
7.	Pak Studies	-	-	-	-	-	-



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8.	Political Science	-	2	5	-	7	-
9.	Statistics	6	2	12	-	20	21.5
10.	Social Work	-	-	9	1	10	-

Institute of Design & Visual Arts

1.	Research Center for Arts & Design	-	-	2	-	2	-
2.	Interior Design	-	-	2	-	2	-
3.	Textile Design	-	-	1	2	3	-

Ruth Pfau Women Institute for Leadership and Learning

1.	Gender and Development Studies Department	-	-	18	3	21	1.8
2.	Sociology	2	3	14	-	19	6

Faculty of Islamic & Oriental Learning

Sr. No.	Name of Department	HEC Recognized Journals categorized by HJRS			Others	Grand Total	Total Impact Factor
		W	X	Y			
1.	Islamic Studies Department	1	4	4	2	11	9

Sabiha Mansoor Institute of Languages and Cultures

2.	Arabic	-	-	3	-	3	-
3.	English	-	-	3	-	3	-
4.	Persian	-	-	6	-	6	-
5.	Punjabi	-	1	6	-	7	-
6.	Urdu	-	-	25	3	28	-

**Faculty of Management & Administrative Sciences**

Sr. No.	Name of Department	HEC Recognized Journals categorized by HJRS			Others	Grand Total	Total Impact Factor
		W	X	Y			
1.	Management Sciences Department	11	6	16	-	33	46.9
2.	Public Administration Department	-	1	4	-	5	3

Faculty of Engineering and Technology

Sr. No.	Name of Department	HEC Recognized Journals categorized by HJRS			Others	Grand Total	Total Impact Factor
		W	X	Y			
1.	Computer Science Department	-	1	-	-	1	1.8
2.	Electrical Engineering Department	6	1	-	-	7	33.8
3.	City and Regional Planning	-	-	1	1	2	-

Faculty of Education

Sr. No.	Name of Department	HEC Recognized Journals categorized by HJRS			Others	Grand Total	Total Impact Factor
		W	X	Y			
1.	STEM Education Department	4	2	24		30	8.7



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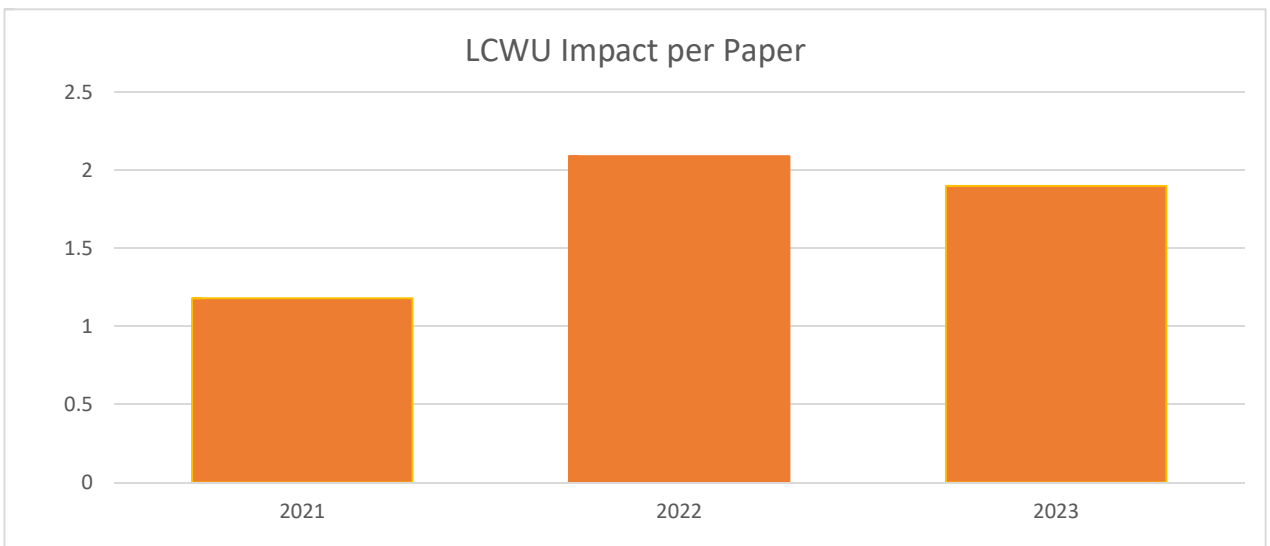
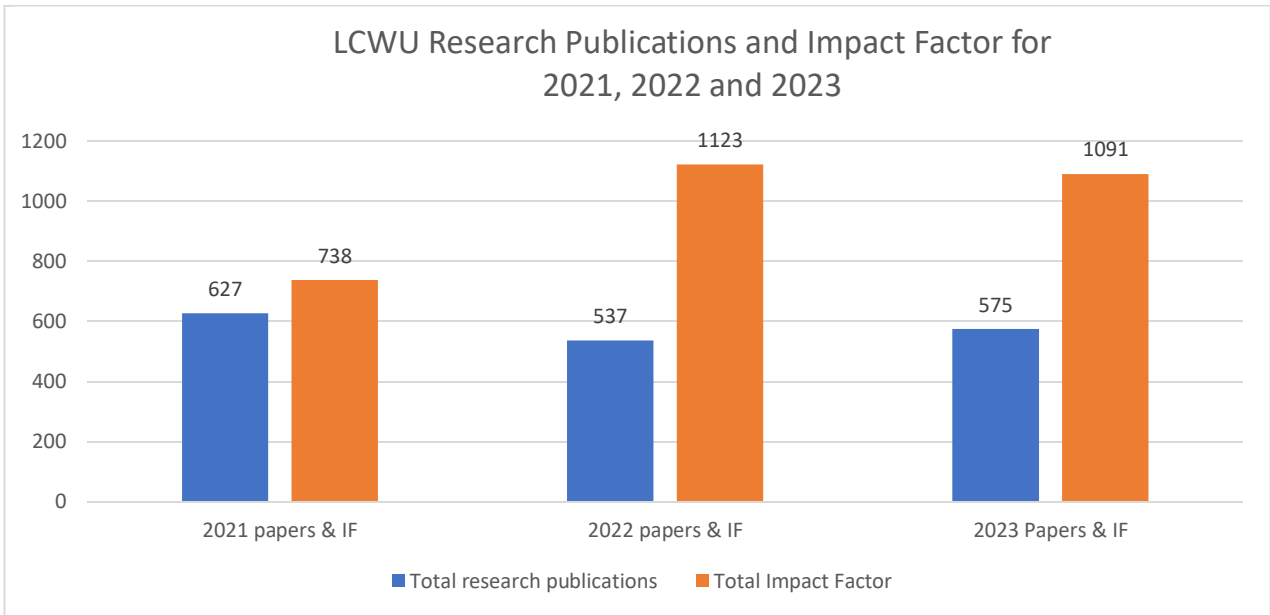
2.	Elementary Education Department	1	1	16	1	19	3.5
3.	TESOL Department	-	-	1	-	1	-
4.	Health & Physical Education	-	1	-	-	1	-
5.	Secondary Education	1	-	3	1	5	8

Faculty of Pharmaceutical and Allied Health Sciences

Sr. No.	Name of Department	HEC Recognized Journals categorized by HJRS			Others	Grand Total	Total Impact Factor
		W	X	Y			
1.	Pharmaceutics	4	1	1	-	6	19.4
2.	Pharmacology	25	3	1	-	29	123.4
3.	Pharmaceutical Chemistry	1	-	-	-	1	5.5
4.	Pharmacognosy	7	-	1	1	9	32.2
5.	Pharmacy Practice	17	3	1	-	21	100.7

Non-Teaching Department

Sr. No.	Name of Department	HEC Recognized Journals categorized by HJRS			Others	Grand Total	Total Impact Factor
		W	X	Y			
1.	Central Research Lab	4	2	-	-	6	25.3
2.	ORIC	-	-	-	-	-	-



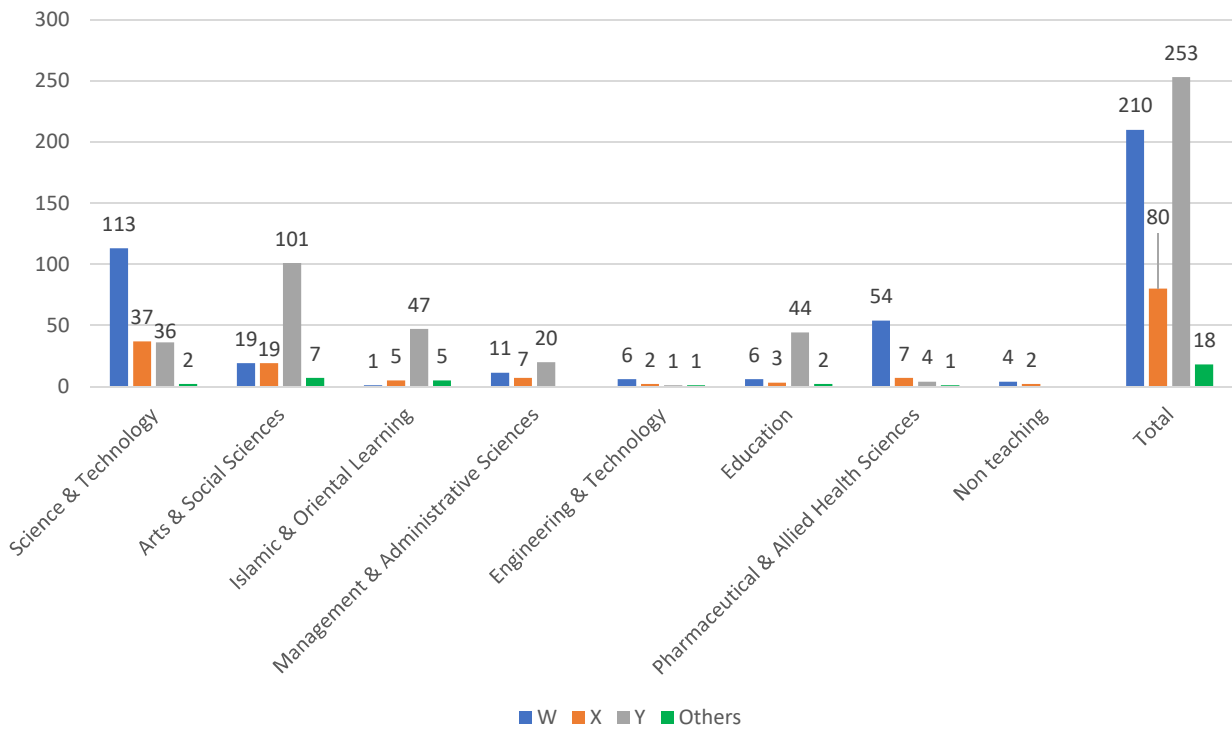


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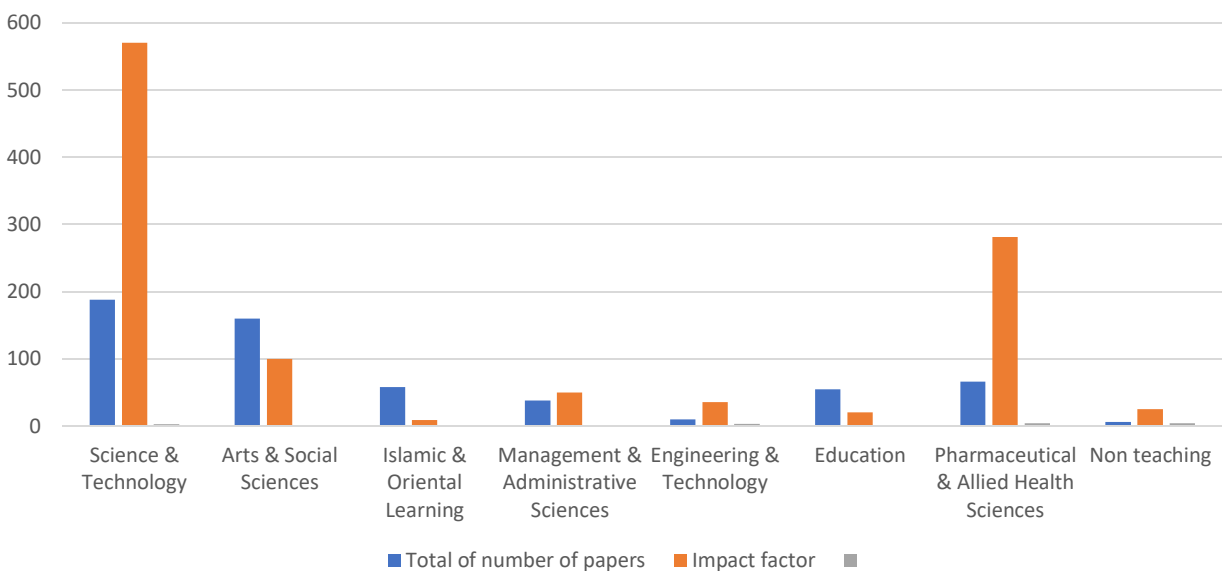
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Number of W, X and Y Category Publications



Research Publications and Impact per Faculty of 2023



**Projects/Grants Awarded in 2023**

	Project Lead	Department	Title	Funding Agency	Amount (PKR)
1.	Khajista Jabeen (PI)	Botany	Management of bacterial leaf blight by biological agents	Pakistan Science Foundation (PSF)	3.5 Million
2.	Dr Asifa Kamal (PI) Dr. Mariyam Hafeez (Co-PI)	Statistics	A Step Ahead Towards Diversity and Inclusivity: Facilitating Learning of Basic Mathematics and Basic Statistics to Blind Girls at Lahore College for Women University (LCWU), Pakistan	Mathematical Science Sponsorship Fund (MSSF) (Elsevier.com)	1.1 Million
3.	Engr. Dr. Aqsa Shabbir (PI) Prof. Dr. Amina Muazzam (Co-PI) Dr. Naveed Iqbal (Co-PI)	Electrical Engineering Psychology Mass Communication	Pak-UK Education Gateway Mobility Partnership for Students	British Council	12.6M
4.	Dr Nausheen Mazhar (PI)	Geography	An Assessment of Sedimentation Trends in TERbela Reservoir Afecting the Dam Storage Capacity, to Ensure Sustainable Energy in Pakistan	PAK - France PERIDOT	3.6M
5.	Dr M Tanveer Khan (PI)	Pharmacognosy	Phytochemical, analytical and pharmacological studies of polyherbal products containing glycyrrhiza	Tehseen Industries	0.3M



Pakistan Science Foundation

Pakistan Science Foundation' project PSF-NSFC/JSEP/BIO-LCWU/15 titled "Management of bacterial leaf blight by biological agents" of worth 3.5 million is a linkage and exchange program between Pakistan Science Foundation and National Science Foundation of China. Dr. Khajista Jabeen (Tenured Associate Professor, Department of Botany, Lahore College for Women University, Lahore) is the Principal Investigator (PI) from Pakistan and Prof. Dr. Kou Yanjun (Rice Biologist, China National Rice Research Institute) is the Co-PI from China in this project. Under this project awareness seminar and interactive sessions had been conducted with the participation of Chinese team in Pakistan and same will be done in China by the participation of Pakistan team.



Mathematical Science Sponsorship Fund (MSSF)

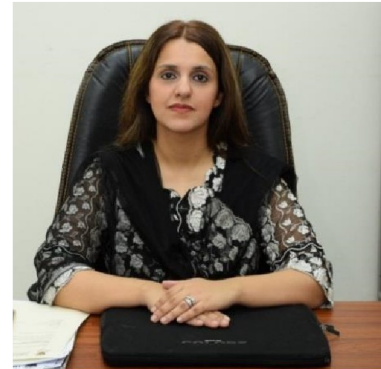
A project proposal of Dr. Asifa Kamal, Statistics Department titled as "A Step Ahead towards Diversity and Inclusivity: Facilitating Learning of Basic Mathematics and Basic Statistics to Blind Girls at Lahore College for Women University (LCWU), Lahore, Pakistan" has been approved for funding from the Elsevier 2023 Mathematical Sciences Sponsorship Fund (MSSF). Dr. Mariyam Hafeez (Assistant Professor, LCWU) is the Co-Principal Investigator of the Project. The award of US\$ 4,000 have been granted in the support of the proposed initiative. The main objective of project is to promote diversity and inclusion at LCWU by facilitating blind girls in the learning process of mathematical and statistical science. The main goal of the Project is to train faculty to facilitate teaching female blind students, a course of Mathematics and Statistics at undergraduate level. Also to develop physical resources to facilitate teaching female blind students. Statistics and Mathematics Department, LCWU, Lahore with the collaboration of Aziz Jehan Begum Trust for blinds will complete the project.





Pak-UK Education Gateway Student Mobility Partnership

Pak-UK Education Gateway Mobility Partnership for Students focuses on collaboration between universities in the United Kingdom and Pakistan. This project awarded to Engr. Dr. Aqsa Shabbir (Principal Investigator), Prof. Dr. Amina Muazzam (Co-PI) and Dr. Naveed Iqbal (Co-PI) of PKR 12.6 million is supported and enabled by British Council and HEC. It is set to revolutionize higher education, fostering stronger ties and promoting equitable and diverse academic environments. It is focused on enhancing research, academic and professional collaborations between UK universities and LCWU which is Pakistan's largest women university. The project titled, "Socially Inclusive and Equitable Education as a Driver for Sustainable Development." aims to facilitate academically rigorous short-term mobility opportunities for Master's and Ph.D. students in both Pakistan and the UK.



PAK-France PERIDOT Grant

Dr. Nausheen Mazhar Chairperson and Associate Professor of the Geography Department at LCWU was awarded HEC Franco-Pakistani Hubert Curien Partnership (PHC) PERIDOT Grant, of PKR. 3.6 Million on 02/05/2023, as a Principal Investigator. The project is basically a mobility grant providing opportunities to French and Pakistani researchers to collaborate. Dr. Nausheen's project addressed SDG 13 and SDG 7. The collaboration is with Geography Department, University of Paris. The team is working on "An assessment of sedimentation trends in Tarbela reservoir in prospect of dam storage capacity: The sustainable energy optimization in Pakistan". The grant involves mobility of PIs and PhD Students from either side, to open avenues of joint research.





Tehseen Industries - Standardization of polyherbal formulation containing Glycyrrhiza galabra

In 2023, Department of Pharmacognosy, Faculty of Pharmaceutical & Allied health Sciences signed a MOU with Tehseen Industries for the standardization of their natural formulations, for this purpose a polyherbal formulation containing Glycyrrhiza galabra as one of the active ingredients was selected. This industry research project of PKR 0.3 million was awarded to Dr. Muhammad Tanveer Khan (Department of Pharmacognosy). Different approaches were used to select the feasible analytical procedures and after optimization various methods a suitable, efficient and cost effective method was finalized for the identification of the active agent (Glycyrrhizic acid) from the formulation. The developed analytical method helped the industry to make effective quality control checks as a result standardized formulation with good quality standards was available for the ailing community.





Research Productivity Awards Ceremony

Lahore College for Women University's Office of Research, Innovation and Commercialization (ORIC) held its prestigious Research Productivity Awards ceremony in June 2023 to honor faculty members who have made exceptional contributions to the field of research and innovation. The awards, covering the years 2021 and 2022, celebrated the outstanding publications, projects, and patents achieved by over 100 faculty members.

During the ceremony, Prof. Dr. Bushra Mirza, Vice-Chancellor of LCWU, expressed her appreciation for the remarkable dedication and exemplary performance of the faculty members. She acknowledged that their hard work and unwavering commitment have significantly contributed to the university's rise in national and international rankings.

LCWU remains dedicated to providing a supportive and conducive environment for faculty members to pursue groundbreaking research and innovation, thereby strengthening Pakistan's position as a hub for knowledge creation and technological advancement, Dr Mirza added.

Dr. Aqsa Shabbir, Director ORIC, shared that LCWU has experienced a tremendous surge in quality publications, projects, and international collaborations. She highlighted the remarkable achievements of the faculty members from various departments who have secured projects from esteemed organizations such as the Higher Education Commission of Pakistan, British Council, US Mission to Pakistan, Pakistan Engineering Council, Pakistan Science Foundation, and Industry.

Of particular note is the active involvement of female scientists at LCWU, who are spearheading applied research endeavors aimed at expanding the export base and addressing the critical challenges faced by Pakistan. Their innovative work is fostering positive change and propelling the country towards a brighter future.

The Research Productivity Awards at LCWU serve as a testament to the university's commitment to fostering a culture of research excellence and promoting innovation. These accolades recognize the immense value that research brings to academia, industry, and society at large.



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لاہور کالج یونیورسٹی میں ایس آر جی پروڈکٹیویٹی ایوارڈز کی تقریب

سوسے زائد فیکلٹی ممبرز میں اسناد تقسیم، پروفیسر بشری مرزانے کارکردگی کو سراہا

لاہور (کچلر رپورٹر) آئس آف ریسرچ، انویشن اینڈ کمرشلایزیشن لاہور کالج برائے خواتین یونیورسٹی نے تحقیق کے شعبے میں غیر معمولی خدمات سر انجام دینے والے فیکلٹی ممبران کیلئے ریسرچ پروڈکٹیویٹی ایوارڈز کی تقریب کا انعقاد کیا۔ تقریب کی مہمان خصوصی پروفیسر ڈاکٹر بشری مرزانے تقریب میں 2021 اور 2022 میں 100 سے زائد فیکلٹی ممبران کو ہائی ایمپلیٹ فیکلٹی ممبر، پروفیسر اور پینت رجسٹر کرانے پر ایوارڈز دینے کے تقریب کے دوران وائس چانسلر لاہور کالج فار ویمن یونیورسٹی پروفیسر ڈاکٹر بشری مرزانے فیکلٹی ممبران کی مثالی کارکردگی کو سراہا۔ انہوں نے کہا کہ ان کی محنت اور غیر متزلزل عزم نے یونیورسٹی کو قومی اور بین الاقوامی درجہ بندی میں بہتری میں نمایاں کردار ادا کیا ہے۔ ڈاکٹر مرزانے مزید کہا کہ لاہور کالج برائے خواتین یونیورسٹی فیکلٹی ممبران کو تحقیق اور بین الاقوامی رابطوں کو آگے بڑھانے کیلئے معاون اور سازگار ماحول فراہم کرنے کیلئے کوشاں ہے ڈاکٹر اور ڈاکٹر افضلی شہیر نے خطاب کرتے کہا کہ مختلف شعبہ جات کے فیکلٹی ممبران نے ہائر ایجوکیشن کمیشن آف پاکستان، رٹس کونسل، یو ایس مشن ٹو پاکستان، پاکستان انجینئرنگ کونسل، پاکستان سائنس فاؤنڈیشن اور انڈسٹری کے پرائیکٹس حاصل کئے ہیں۔ تقریب میں سوسے زائد فیکلٹی ممبران کو تقریبی اسناد تقسیم کی گئیں۔

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INTERNATIONAL THE NEWS

Home Latest National Sports World Business Entertainment Technology

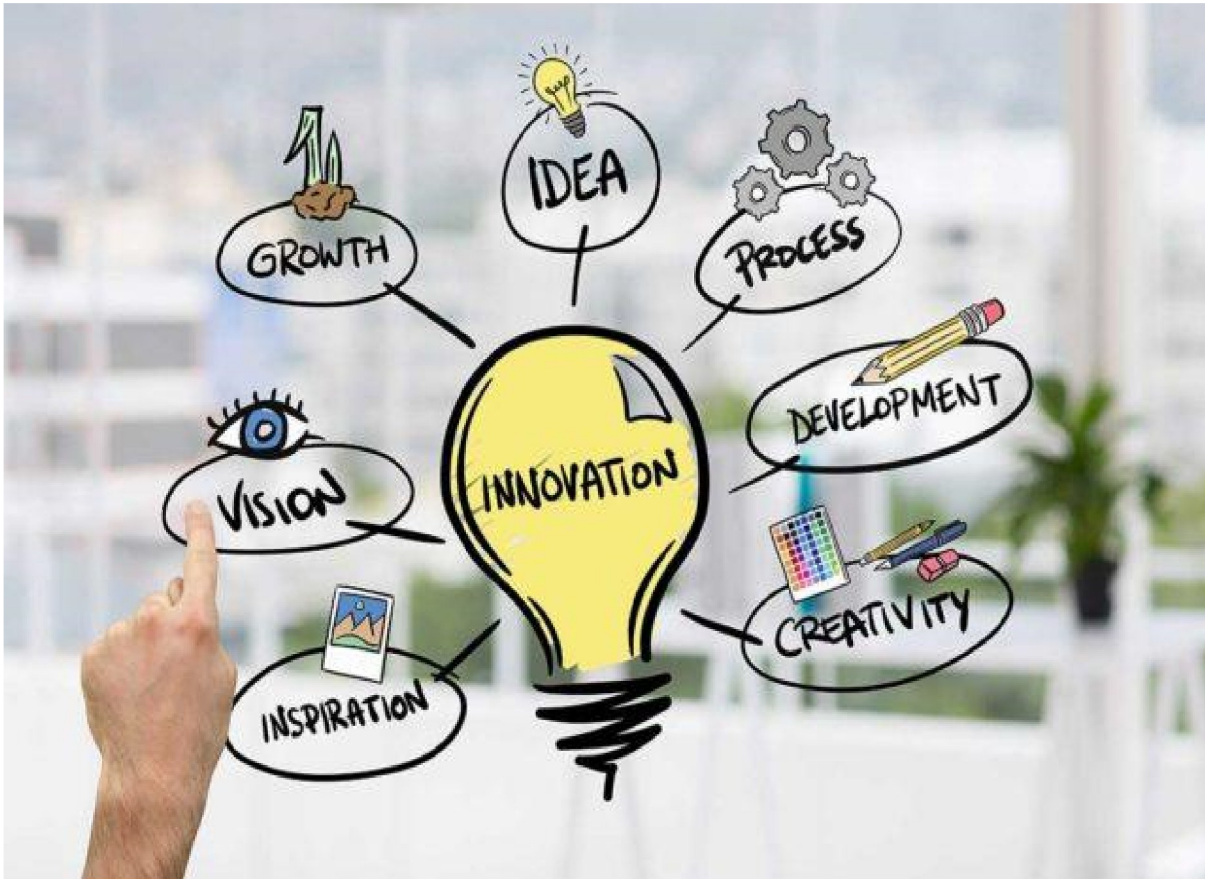
Lahore

LCWU honours over 100 faculty members

By Our Correspondent June 20, 2023

LAHORE: The Lahore College for Women University's Office of Research, Innovation and Commercialisation (ORIC) held its prestigious Research Productivity Awards ceremony to honour faculty members who have made exceptional contributions to the field of research and innovation.

The awards, covering the years 2021 and 2022, celebrated the outstanding publications, projects, and patents achieved by over 100 faculty members. During the ceremony, LCWU Vice-Chancellor Prof Dr Bushra Mirza expressed her appreciation for the remarkable dedication and exemplary performance of the faculty members. She acknowledged that their hard work and unwavering commitment had significantly contributed to the university's rise in national and international rankings. LCWU remains dedicated to providing a supportive and conducive environment for faculty members to pursue groundbreaking research and innovation, thereby strengthening Pakistan's position as a hub of knowledge creation and technological advancement, Dr Mirza added. Dr Aqsa Shabbir, ORIC Director, shared that LCWU has experienced a tremendous surge in quality publications, projects, and international collaborations.



INNOVATION AND COMMERCIALIZATION

**PATENTS FILED - 2023**

Sr. No	Title	Inventor from LCWU	Filing	Department
1	Thermogalvanic device to harvest energy from automotive engine exhaust	Engr. Dr. Aqsa Shabbir	8 th June 2023	Electrical Engineering
2.	A low-cost automated cardiopulmonary device	Engr. Dr. Aqsa Shabbir,	8 th June 2023	Electrical Engineering
3.	Bioprocess For the Production of Taxol from Eurotium Rubrum	Dr. Muhammad Zia Ul Haq	March 2023	ORIC
4.	A Novel Herbal Preparation Against Wound Infections	Prof. Dr. Humaira Majeed Khan, Ms.Maliha Sheikh, Ms. Rabia Sabri	March 2023	Pharmacy
5.	Antifungal ora-base preparation against candida albicans	Prof. Dr. Humaira Majeed Khan, Ms. Rabia Sabri	January 2023	Pharmacy

EXTERNAL LINKAGES

NATIONAL AND INTERNATIONAL

Memorandum of Understanding (MOU) strengthen the bonds between the two institutions, further the academic, social and cultural objectives of the institutions, and promote better understanding between the faculty, staff, and students of the respective institutions. ORIC LCWU facilitated the signing of diverse MOUs this year with the expectation that the collaborative relationships established will provide mutual benefits to both parties.

Search for Justice-CAN, Pakistan

A Memorandum of Understanding was signed between Lahore College for Women University (Sociology Department) and Search for justice-CAN on November 29th, 2023 under the patronage of worthy Vice Chancellor Prof. Dr. Shagufta Naz, accompanied by Dean Faculty of Arts and Social Sciences Dr. Muhammad Afzal, Head of Sociology Department Dr. Asma Seemi Malik and Faculty of Sociology Dr. Kiran Ikram, Ms. Komal Riaz Cheema, Ms. Ummama Munir, Ms. Shiza Zavar, Dr. Anam Afzal, Dr. Nuzhat Firdous and Ms. Shifa Naem Butt.



The partnership reflects shared commitment of Search for justice-CAN and LCWU for providing education and experience to students regarding empowerment and personal as well as social development. Under the MOU, both the institutions have committed to collaborate in joint research ventures, capacity building, knowledge and expertise exchange, and try to focus to hold events related to Contemporary

Social issues faced by marginalized segment of society. At the end of MOU ceremony, both parties exchange tokens of appreciation. Participants from both reciprocated this MOU graciously.



Pakistan Navy War College (PNWC)

A Memorandum of Understanding was signed between Lahore College for Women University (International Relations Department) and Pakistan Navy War College on November 22nd, 2023 under the patronage of worthy Vice Chancellor Prof. Dr. Shagufta Naz, accompanied by Chairperson of International Relations Department Prof. Dr. Shabnam Gul and Lecturers of International Relations Ms. Kulsoom Fayyaz and Ms. Dua Hamid.



The partnership reflects shared commitment of PNWC and LCWU to educate the youth of Pakistan regarding critical national security concerns, strategic issues, maritime domain and the prospects of blue economy. Under the MOU, both the institutions have committed to collaborate in joint research ventures, including joint research papers, inter-university essay competitions, joint seminars, webinars and workshops. Participants from both entities reciprocated this MOU graciously.



D-Sign Group of Companies

A Memorandum of Understanding (MOU) was signed between Department of Zoology, Lahore College for Women University and D- Sign Group of companies on November 22, 2023 under the patronage of Worthy Vice Chancellor Prof. Dr. Shagufta Naz. Director ORIC, Dr. Faiza Saleem, Dr. Saffora Riaz (Assistant Professor, Department of Zoology) and representatives from D-Sign attended the MoU signing. This agreement tends to seek collaboration in terms of internship opportunities for students, research projects, technical and logistic support for seminars and conferences.





Punjab Information Technology Board (PITB), Lahore

A Memorandum of Understanding (MOU) was signed between Lahore College for Women University and Punjab information technology board (PITB), Lahore on November 15th, 2023 under the patronage of Worthy Vice Chancellor Prof. Dr. Shagufta Naz, accompanied by Director ORIC Dr. Faiza Saleem, Dr. Ayesha Iqbal (Assistant Professor Computer Science) and Ms. Natasha (E-Rozgaar LCWU). Mr Sajid Latif (Director General E-Governance) represented PITB, Lahore.



This partnership reflects LCWU's and PITB's shared commitment to fostering innovation and supporting the growth of startups. By combining their strengths, both organizations aim to create a thriving ecosystem that encourages the development of groundbreaking ideas and solutions under BICs of both organizations. Both parties are committed towards knowledge exchange within the startup community and to empower entrepreneurs with the knowledge and expertise needed to navigate the challenges of the startup landscape.

Alkhidmat Foundation, Lahore

A Memorandum of Understanding (MOU) was signed between Department of Social Work, LCWU and Alkhidmat Foundation, Lahore on October 31st, 2023 under the patronage of Worthy Vice Chancellor Prof. Dr. Shagufta Naz, Respected Dean Faculty of Arts & Social Sciences Prof. Dr. Muhammad Afzal and Registrar (LCWU) Mr. M. Babar. Mr. Ahmad Hammad Rashid (President), Mr. M Saleem (Vice President) and Mr. Moawiz Bin Tahir (Manager Volunteer Management) represented Alkhidmat Foundation, Lahore. This agreement tends to seek collaboration between two entities in terms of Community Service, Seminars, Internships and Research opportunities for students. Participants from both entities reciprocated this MOU graciously.



Lahore Chamber of Commerce and Industry (LCCI)

Department of Economics, Lahore College for Women University (LCWU) and Lahore Chamber of Commerce and Industry (LCCI) signed an MoU on 9th October 2023. On this occasion, Mr. Kashif Anwar, President Lahore Chamber of Commerce & Industry and Mr. Zafar Mehmood Chaudhry, Senior Vice President LCCI were present along with Ms. Fariha Younis.

Professor Dr. Shagufta Naz, Vice Chancellor Professor Dr. Muhammad Afzal, Dean of the Faculty of Social Sciences Professor Dr. Samia Nasreen, Chairperson Economics Department attended the ceremony along with their faculty.



Vice Chancellor Dr. Shagufta Naz stressed that the cooperation between LCWU and LCCI marks a notable milestone for both academic and industrial improvement in Lahore. Under the terms of the Memorandum,



the two institutions pledge to joint initiatives that will include research, inventions and educational programs.

Pakistan Bureau of Statistics (PBS), Islamabad

The MOU was signed by Vice Chancellor LCWU Prof. Dr. Shagufta Naz and Chief Statistician PBS Dr. Naeem uz Zafar. Chairperson Department of Statistics Dr. Asifa Kamal took this initiative and put forward efforts for the collaboration between LCWU and PBS.

The benefits of this signed MoU include collaboration in research projects, joint conferences, workshops, and seminars, internship opportunities for students, sharing of data, publication, and information, and combined training programs on data analysis and programming skills. Participants from both entities reciprocated this MOU graciously.

White Ribbon Pakistan

The Department of Gender and Development Studies signed an MOU with White Ribbon Pakistan. Vice Chancellor Professor Dr. Shagufta Naz was the chief guest of the ceremony. The ceremony was also attended by Prof. Dr. Muhammad Afzal, Dean of Faculty of Arts and Social Sciences, who shared his insights on the matter.



The objectives of the MOU were explained by Mr. Omer Aftab, CEO of White Ribbon Pakistan, which include providing medical assistance for breast cancer at the dispensary of LCWU for the students and faculty as part of their Pink Ribbon Campaign. The event was led by Dr. Uzma Ashiq Khan, the in-charge



of the Department of Gender and Development Studies, with the opening remarks shared by Prof. Dr. Farkhanda Manzoor, Director ORIC, LCWU.



Imperial College of Business Studies

Lahore College for Women University and Imperial College of Business Studies (ICBS) Lahore will collaborate with each other in the field of Sports and Management Sciences. In this regard, a memorandum of understanding was signed between the two institutions on 21st September 2023. Vice Chancellor Lahore College for Women University Prof. Dr. Shaghfat Naz and Rector Imperial College of Business Studies Prof. Dr. Tahira Mughal signed the agreement. On this occasion, director ORIC Prof. Dr. Farkhanda Manzoor, Director Sports LCWU Prof. Dr. Sumera Sattar, Director Sports ICBS Miss Humira Mughal, Dean Management Sciences Professor Dr. Mumtaz Khan, Lecturer Physical Education Rabia Wali, Head of Management Sciences Department LCWU Dr. Adeel Nasir and other faculty members and officers were present. Under the MoU, both institutions will utilize each other's available facilities and expertise.





AllTech Pvt Ltd

An MOU was signed by the Vice Chancellor, Prof. Dr. Shagufta Naz and Dr. Shahzad Naveed Jadoon of AllTech pvt Ltd in July 2023. Director ORIC, Prof. Dr. Farkhanda Manzoor was the representative from ORIC. Dr. Ghazala Jabeen from the Zoology Department was the focal person for the MOU. The MOU was signed to promote aquaculture and strengthen the relations of aquaculture professionals and industry stakeholders.

Pakistan Scouts Association

A Memorandum of Understanding was signed between LCWU and Pakistan Scouts Association on 26th June 2023. The MoU facilitated by ORIC will enable promotion of scouting activities in LCWU Vice Chancellor Prof. Dr. Bushra Mirza expressed that Scouting is a very healthy activity which nourishes students to be better individuals.





Knowledge Streams

A Memorandum of Understanding was signed between Lahore College for Women University and Knowledge Streams on 13th April 2023. The MoU aims to support the development of computer science and IT professionals through an immersive Knowledge Streams boot camp in a dedicated corporate training facility that focuses on learning by doing in 12-week face-to-face programs, building technical and soft skills. The MoU was signed by Prof. Dr. Bushra Mirza, Vice Chancellor LCWU and Dr. Syed Sohail H. Naqvi, Chief Executive Officer, Knowledge Streams (former Executive Director HEC, former Vice Chancellor LUMS).



Addressing the event, Prof. Dr. Bushra Mirza stated that Pakistan has been ranked 4th in freelancing in the world, and there is a dire need to train CS students to become excellent professionals in their field.



Dr. S. Sohail H. Naqvi said that the computer science students of LCWU will benefit in polishing their soft and technical skills through boot camps to overcome deficiencies that are hurdles to getting suitable jobs in the IT industry. Dr. Aqsa Shabbir, Director ORIC highlighted the significance and objectives of the MoU. The ceremony was attended by Prof. Dr. Intesar Ahmed, Dean of Engineering & Technology, Prof. Dr. Syeda Faleeha Zahra Kazmi, Dean of the Faculty of Islamic & Oriental Learning, Dr. Saima Farhan, Chairperson of the Computer Science Department, along with senior faculty of Computer Science and other departments.



MILKAR

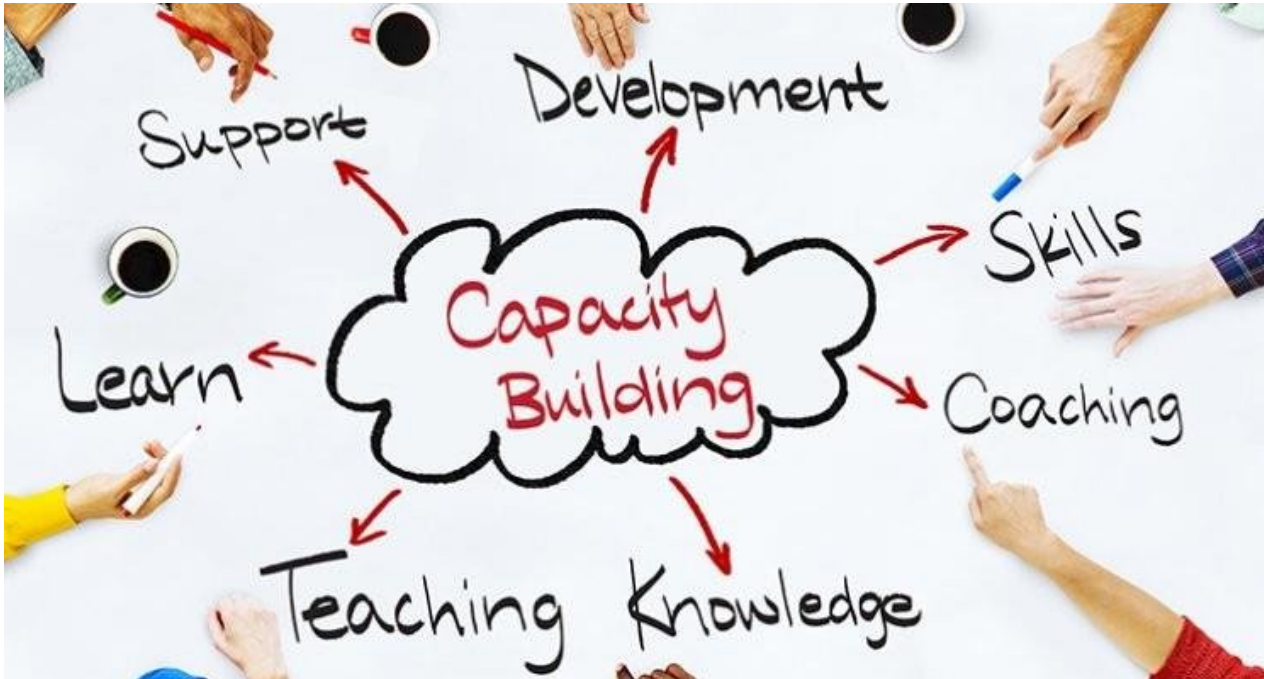
A Memorandum of Understanding (MOU) was signed between the Department of Political Science, Lahore College for Women University, and MILKAR on February 28, 2023, under the patronage of Worthy Vice Chancellor Prof. Dr. Bushra Mirza, Respected Dean Faculty of Arts & Social Sciences Prof. Dr. Muhammad Afzal and Director ORIC, Dr. Aqsa Shabbir. Syed Kashaf Shah (Head of Campaign and Eco system), Umair Shehzad (General Manager), and Danish Sohail (Community Executive) represented MILKAR. This agreement tends to seek collaboration between two entities in terms of internship opportunities for students, research projects, and logistic support for seminars, webinars, and conferences. Participants from both entities reciprocated this MOU graciously.



Soil Fertility Research Institute (SFRI), Punjab

Department of Computer Science signed an MOU with Soil Fertility Research Institute (SFRI), Punjab to initiate joint research and development projects to promote innovative technologies in agriculture. The MoU signing ceremony (January 2023) was attended by Prof. Dr. Intesar Ahmed, Dean, Faculty of Engineering & Technology, Dr. Saima Farhan, Chairperson Department of Computer Science, Dr. Maria Anjum and Dr. Sidra Rafique. The event was held at Expo Center, Johar Town. The collaboration will pave a way for students and faculty of LCWU to share knowledge and get facilitated by agriculture domain experts in R&D.





CAPACITY BUILDING AND SUSTAINABILITY

Kitchen Waste Compost

A seminar was arranged by department of Biotechnology in collaboration with ORIC on different techniques of composting. The resource person was Dr. Neelma Munir, Associate Professor in Biotechnology. It was attended by students of different departments and generated a lot of questions.



Awareness Seminar on Entrepreneurship

ORIC LCWU organized an awareness seminar on Entrepreneurship and business start ups for the students on 9th May 2023. Ms. Minahil Zia, manager community and investors relations from National Incubation Centre LUMS was the resource person.

The seminar was arranged to encourage entrepreneurial mindset in the students and to help them develop business ideas into startups with support from Khadija tul Kubra Business Incubation Centre being established at LCWU. The session was arranged by Senior Manager ORIC Dr. Nudra Malik and attended by the students of Applied Psychology and Botany.





Session on significance of 5G technology, artificial intelligence



ORIC LCWU organised an interactive session with Dr. Shuja Ansari (James Watt School of Engineering, University of Glasgow, UK) with students and faculty of electrical engineering, computer science and psychology.

Dr. Shuja talked about the significance of 5G technology, artificial intelligence and their role with reference to health apps. He was accompanied by Mr. Tariq Malik, Chief Technology Officer, Punjab Safe City Authority and his team.



Seminar on "Entrepreneurship Essentials"

Seminar was well attended by students from Political Science, Elementary Education, Gender Studies, Psychology, Urdu, Punjabi and Arabic. The resource persons were Mr. Zubair Ahmed Nagra, an entrepreneur and travel enthusiast and Dr. Zia ul Haq, senior manager ORIC



Entrepreneurship as A Viable Career Option

A session on "Entrepreneurship as A Viable Career Option" was organised in collaboration with Virtual University of Pakistan under Khadija Tul Kubra Business Incubation Centre.



Campaign for 1st Cohort of Khadija Tul Kubra BIC

As part of the awareness campaign for Business Incubation Center's 1st Cohort, ORIC arranged an awareness session in the computer science department which was actively attended by a number of students.



Awareness Session on International Scholarships

An information and awareness session was organised with representatives from University of Arizona and University of Texas Arlington with regards to admissions and scholarship opportunities for MS and PhD studies in USA. The session was overwhelmingly attended by students, staff and faculty.





Seerat Conference

Seerat Conference was arranged on 10th October 2023 by the department of Arabic Language and Literature in collaboration with ORIC. Chief guest of the conference was Prof. Dr. Muhammad Nasir, guest of honours, Vice Chancellor LCWU, Dean Faculty of Islamic and Oriental Learning, Prof. Dr. Syeda Faleeha Zahra Kazmi graced the conference with their presence.

1st One Day International Seerat Conference
دور السيرة النبوية في تطوير المجتمع المعاصر
موجوده معاشرے کی ترقی میں سیرت نبوی کا کردار
On 10th October at 10:00 a.m.
At Iqra Auditorium

Panel Discussion on
ملکی معاشی استحکام میں نظام تعلیم
کا کردار سیرت النبوی کی روشنی میں

Chief Guest
Prof. Dr. Muhammad Nasir

Guest Of Honour
Prof. Dr. Hammad Lakhvi
Dr. Samia Raheel Qazi
Rai Manzoor Nasir

Moderator:
Dr. Muhammad Aamir Malik

Members:
Prof. Dr. Hammad Lakhvi
Prof. Dr. Hamid Ashraf Hamdani
Prof. Dr. Muhammad Nasir
Dr. Saad Saddiqui
Prof. Dr. Mumtaz Ahmad Salik
Dr. Samia Raheel Qazi
Dr. Raghav Nacemi
Mr. Muhammad Farooq

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