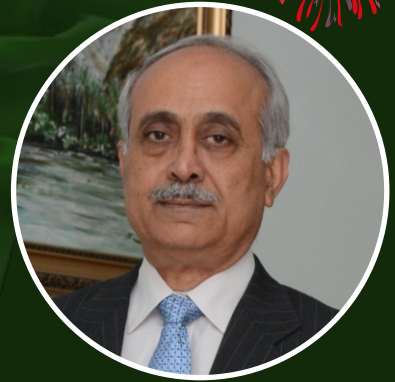


ORIC Newsletter

University of Agriculture, Faisalabad

March 01 to 31, 2024



We extend our Heartiest

Congratulations

to

Prof. Dr. Iqrar Ahmad Khan
Vice Chancellor

on achieving the prestigious award

Hilal-e-Imtiaz

Office of
Research, Innovation
& Commercialization

ORIC

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Heartiest *Congratulations*

to the whole campus community
and the astute leadership of

Prof. Dr. Iqrar Ahmad Khan (HI, SI)
Vice Chancellor

On consecutively maintaining its national winning crown of

TOP POSITION



in ORICs Ranking by HEC

Score
84.5
Category
W



Office of Research, Innovation
& Commercialization, UAF

VICE CHANCELLOR CHAIRS A MEETING ON SPECIAL TECHNOLOGY ZONE



Prof. Dr. Iqar Ahmad Khan (HI, SI), Vice Chancellor along with Business Incubation Center, UAF team, recently orchestrated a dynamic brainstorming session with the Specialized Technology Zone Authority team led by Aamir Saleemi, Executive Director. In this session, more than twenty five prospective corporate leaders, startups, and esteemed faculty members having their ready to commercialize technologies participated, which made this event a remarkable convergence of innovative minds.

During this dynamic brainstorming session, Aamer Saleemi, the Executive Director and Member of Zones Development and Management, alongwith Sameen Amjad Ali, Manager commercial, illuminated

participants with invaluable insights into the enticing incentives offered by the Specialized Technology Zone Authority (STZA).

From tax breaks to regulatory support, these incentives would pave the way for innovation and growth in the tech sector and development if we succeed to establish agri tech park at UAF in the country. During the session, Dr. Iftikhar Ahmad, Director BIC , Irfan Abbas, Director P &D, Dr. Khurram Zia, Imran Munawar, and Mr. Farooq Hassan encouraged participants to seize the opportunity and register their companies in the STZA, unlocking new pathways for growth and success. As an outcome of this meeting Dr. Iftikhar Ahmad, Director BIC was tasked to take care of the STZA affairs.

ENGRO HEAD OF AGRIBUSINESS SOLUTIONS DIVISION HOLDS MEETING WITH DIRECTOR ORIC

To strengthen further collaboration with UAF, Engro Fertilizer Team Headed by Syed Shauzab H. Gardezi, comprising Mr. Imran Ahmad and Mr. Ijaz Ahmad deputy manager held meeting with Director ORIC Prof. Dr. Muhammad Jafar Jaskani. During the meeting, matters of R&D and future engagements of Engro Fertilizers with UAF were came under discussion. The Director ORIC appreciated the Engro contribution in Agri. R&D showcasing of innovative. He urged that Engro should devise an activity calendar in collaboration with ORIC. Director ORIC briefed them about ORIC activities and described the ELC as a pleasant learning center for students and the visitors.



UAF AND SBP HOLD AGRI MELA

University of Agriculture Faisalabad Vice Chancellor Prof Dr Iqrar Ahmad Khan (HI, SI) urged the banks to increase investment for the agriculture sector especially small farmers in order to break the stagnation of agricultural productivity. It will help bring modern technology at the doorstep of the farming community.

He addressed the participants of Agriculture Mela/Farmer Day under the auspices of University of Agriculture Faisalabad and State Bank of Pakistan at Iqbal Auditorium.

He suggested the banks were providing Rs 1200 billion for the agriculture sector that can be increased keeping the small farmers financial constraints in view. He said that 90 percent of the farmers are farming on less than five acres, for which the increment in agricultural loans is inevitable to adopt modern trends.

He said that a large part of the country's population is related to agriculture, but to meet the agricultural needs of the growing population and to make farming a profitable business, this sector has to be developed on a scientific basis, where recovery percentage in Agri sector is better than other sectors.

Syed Irfan Ali, Executive Director of State Bank of Pakistan, said that the State Bank is taking all possible measures to solve the problems of the agricultural sector so that the dream of development can be made true by handholding the farmers. He said that the people living in the villages should shun their differences and strengthen the corporative system so that the small farmers can get loans from the bank easily. He urged the farmers to use modern technology that will not only increase their profits but help in achieving a sustainable agricultural economy.



He said that in this age of technology, rain forecasting, use of balanced fertilizers and other agricultural recommendations are just a click away which should be utilized.

HBL Agricultural Services CEO Amer Aziz said that HBL Zarai Services Limited is committed to catalyze positive change in the lives of millions associated with the agriculture sector of the country.

He said that HBL was helping the farming community to get rid of the middle man. He that added our traditional agricultural system is a hurdle in a way to development for which we have to promote modern technology.

Director Agriculture Extension Punjab Faisalabad Division Abdul Hameed Chaudhry said that due to the wheat campaign of UAF and Punjab Agriculture Department, this year 93 percent of farmers have sown wheat on time in November and it is anticipated that it will increase from 37 to 41 mond per acre.

Dean Social Sciences Dr Khalid Mushtaq said that although Pakistan has been blessed by nature with vast resources, but due to the traditional method of cultivation, we are not able to benefit from the potential in agriculture.

He called for increasing loans for agricultural sector. State Bank Faisalabad Chief Manager Waqas Kashif Bajwa, Mohammad Rafiq, BOP Agri Head Shehbaz Ahmd and others also spoke on this occasion. The participants also visited the flower exhibition, agricultural exhibition, stalls of banks and other areas. Dr. Iqrar Ahmad Khan along with Dean Food Science Dr. Masood Sadiq Butt, DG National Institute of Food Sciences Dr Imran Pasha and others also visited the stalls of various fertilizer companies, commercial banks, and also visited Pak-Korea Nutrition Center Food Festival in front of Admin Block.



CALL FOR PROPOSALS

Academia-Industry Cooperation

by



Pakistan Science Foundation (PSF) & The Scientific and Technological Research Institution of Turkey (TÜBİTAK) Under Competitive Research Program (CRP)

Call is open between 14-07-2023 and 05-09-2023

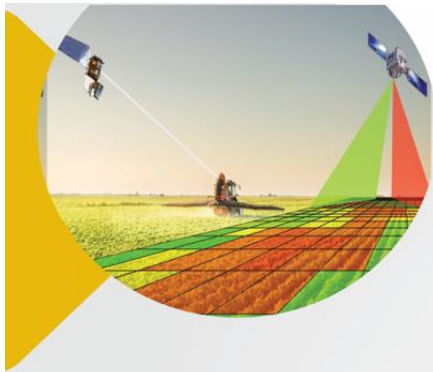
Pakistan Science Foundation (PSF) under a Memorandum of Understanding (MoU) with The Scientific and Technological Research Institution of Turkey (TÜBİTAK) invites joint R&D proposals from the HEC Chartered/Recognized Universities, Public Sector Research Institutions (only the regular faculty members/researchers) in collaboration with Industry in the following areas;

- 1. Artificial Intelligence (AI) 2. Internet of Things (IoT) 3. Electric Vehicles 4. Oceanography**

The aim of the call is to strengthen the cooperation between Turkish and Pakistani scientists/researchers in science and industry by means of Academia-Industry Cooperation in scientific research projects.

The Pakistani side should submit the proposals through Research Grant Management System (RGMS) available at PSF Website (www.psf.gov.pk) whereas from the Turkish Side, the proposals should be submitted through TÜBİTAK's Project Application System (<http://uidb-pbs.tubitak.gov.tr>). PSF will support the projects upto Rs. 20.00 Million whereas TÜBİTAK will support projects upto 4.00 Million Turkish Lira (TL). The maximum duration of the project must not exceed 2 years. The detailed guidelines are available at <https://rgms.psf.gov.pk/rgms/signup.aspx>. **Complete applications to be submitted through ORIC-UAF one week ahead of the closing date.**

Dr. Mirza Habib Ali, Project Manager, Competitive Research Program (CRP)
Pakistan Science Foundation, 1-Constitution Avenue, Islamabad. Phone: 051-9204033



International Conference

Geo informatics for Water and Agricultural Resource Management (ICGWARM)
April 24-26, 2024

Organized by

Agricultural Remote Sensing Lab (ARSL), affiliated with the National Center of GIS and Space Applications (NCGSA), Department of Irrigation and Drainage, Faculty of Agricultural Engineering and Technology, University Of Agriculture, Faisalabad (UAF).

Organizing Committee

Patron in Chief:

Prof. Dr. Iqbal Ahmad Khan
(Sitara-i-Imtiaz, Hilal-i-Imtiaz),
Vice Chancellor (UAF)

Conference Advisor

Prof. Dr. Anjum Munir
Dean, FAE&T, UAF

Conference Organizer:

Dr. Muhammad Adnan Shahid
(PI/Lab Director, NCGSA-ARSL)
Dept. of Irrigation and Drainage
mohammad.shahid@uaf.edu.pk

Focal Person:

Dr. Muhammad Zaman
Assistant Professor,
Dept. of Irrigation and Drainage
mohammad.zaman@uaf.edu.pk

Committee Members:

Dr. Sikandar Ali (Co-PI Water)
Dr. Zulfikar Ahmad Saqib (Co-PI Soil)
Dr. Ihtikhar Ali (Co-PI Crops)

Distinguished Keynote Speakers

Themes

- Estimation of actual crop-water demands using satellite data
- Assessment of water availability and diversions, and water accounting using remote sensing and/or ICT- based data
- Geo-spatial techniques for soil monitoring and management
- Geo-informatics for Crop Classification and Monitoring
- Crop Yields Estimations using Remote Sensing and Crop Models
- Assessment of anthropogenic activities and their impacts using Geo-informatics
- Role of Geo-informatics for predicting extreme climatic events
- Geo-informatics for Flood Monitoring and Management
- Innovative Agricultural Engineering Practices

Registration Fee

- Professionals (Local): Rs.3000/-**
Professionals (International): US \$ 200
Students (International): US \$ 100
Students (Local): Rs.1500/-
Professionals (International Online): US \$ 50
Students (International Online): US \$ 30

Important Dates

2nd Call for Abstract Submission: March 22, 2024
Notification of Abstract Acceptance/ Rejection: March 27, 2024
Full Paper Submission: April 10, 2024
Presentation/ Poster Submission: April 15, 2024
Conference Dates: April 24-26, 2024

Note: Authors who have already registered and submitted abstracts during first call for papers don't need to register again. However, they have to submit the full length paper as per the mentioned dates.

About the Conference and Lab

Pakistan's agriculture, which contributes 19.5% to the country's GDP, is at risk due to water shortages and extreme climate events. Climate change is causing significant challenges to agriculture and water resources, leading to food insecurity, poverty, and socio-economic issues. Innovative technologies are needed to manage water and agricultural resources effectively. Geo-informatics can play a crucial role in addressing these issues by providing advanced techniques for crop water requirements estimation, water balance analysis, crop monitoring, yield forecasts, reflectance-based soil characteristics, and climate risk mitigation strategies.

The Agricultural Remote Sensing Lab (ARSL), affiliated with the National Center of GIS and Space Applications (NCGSA), located at Department of Irrigation and Drainage, University of Agriculture, Faisalabad (UAF), is working on the applications of Geo-informatics in the domains of Water, Soil and Crops for better agricultural production. International Conference on Geo-informatics for Water and Agricultural Resource Management (ICG-WARM), being organized by NCGSA-ARSL, UAF, will provide a forum for researchers, academia, and practitioners to share experiences in water and agriculture management using the latest geoinformatic techniques.



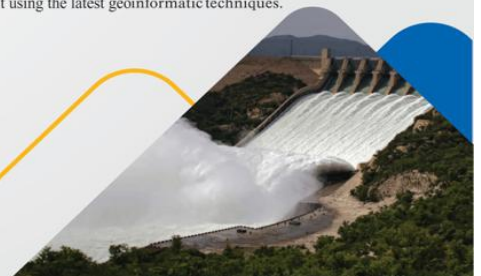
Registration and Abstract Submission

https://docs.google.com/forms/d/e/1FAIpQLSerkqJXJwDFEALJHhA6Rmk5KisxqL_D0s1BvEGVC_KPvA/viewform?usp=sf_link



Contact Details for Information:

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2) mohammad.zaman@uaf.edu.pk
(whatsapp: +92300652639)





ENDOWMENT FUND SECRETARIAT

UNIVERSITY OF AGRICULTURE, FAISALABAD

Call for Proposals (Date extended upto April 30, 2024)

The Endowment Fund, set up under US-Pak Collaboration in 2006, supports agricultural activities through projects relating to Technology Transfer, Product Commercialization and Research & Development. Proposals are invited from public sector universities/organizations with an established administrative and financial system for funding in the following domains:

TECHNOLOGY TRANSFER (TT)

Proposals focused on enhancing agricultural/livestock production through sharing of skills, knowledge, technologies, etc. among the stakeholders.

PRODUCT COMMERCIALIZATION (PC)

Proposals focused on commercializing commodities, products, processes, methods, technologies, formulae, compositions, etc.

RESEARCH & DEVELOPMENT (R&D)

Proposals focused on applied research and Product Development in agriculture and allied sciences.

PRIORITY AREAS

- ✓ Climate Resilient Agriculture
 - ✓ Diseases/Protection
 - ✓ Farm Mechanization
 - ✓ Alternate Energy Options
 - ✓ Value Addition in Agriculture
 - ✓ Biofortification of Crops
- Preference will be given to projects under Technology Transfer and Product Commercialization. **Funding for projects under R&D is very limited**. Projects will be shortlisted accordingly.
 - Proposals shall be evaluated by the experts for their technical strength and budgetary justifications. The final selection will be made through a Technical Advisory Committee (TAC) and Board of Directors (BoD).
 - The duration of the project proposal should not exceed three years.
 - Six hard copies along with a soft copy of the proposal in the prescribed format (available at www.efsuaaf.org in downloads) complete in all respects, should be submitted through proper channels to the Executive Director, Endowment Fund Secretariat, 6-Main Road, University of Agriculture, Faisalabad up to **30-4-2024**
 - Proposals received late/Incomplete etc., will not be entertained.

PROF. DR. IJAZ AHMAD BHATTI, EXECUTIVE DIRECTOR
ENDOWMENT FUND SECRETARIAT, 6-MAIN ROAD,
UNIVERSITY OF AGRICULTURE, FAISALABAD

Phone: 041-9201125, 041-9200161-70 Ext. 3604
E-mail: efs@uaf.edu.pk Website: www.efsuaaf.org



Business Incubation Center (BIC) - UAF

Extends its Heartiest
Congratulations



to the campus community and the able leadership of

Prof. Dr. Iqrar Ahmad Khan (HI, SI)

Vice Chancellor

on securing **TOP POSITION**
among all BICs of Public Sector Universities and overall

3rd Position across the country

Last year, it was at 8th position in the country



USAID MISSION DIRECTOR VEERYA KATE SOMVONGSIRI VISITS UAF

USAID Mission Director Veerya Kate Somvongsiri visited the University of Agriculture Faisalabad and called on UAF Vice Chancellor Prof Dr Iqrar Ahmad Khan. She also visited the UAF Center for Advanced Studies in Agriculture and Food Security and different labs and field areas.

She said that it was impressive center and USAID was proud to have an opportunity to establish the CAS-AFS a decade ago. She said that amazing work being carried out by faculty and students at the center for dealing with present agricultural challenges. She said that climate changes are occurring around the world. There is a need to develop the food security, modern agriculture in Pakistan that will bring economic development. She said USAID strategic partnership with university would help work together for addressing agricultural challenges.

UAF Vice Chancellor Prof Dr Iqrar Ahmad Khan said that in 2013-14, the university had prepared UAF Vision 2030. The goals of it have been achieved and currently more than 30,000 students are studying in the university while its research and development portfolio has exceeded 20 billion.

He said that a strategy is being devised for the best facilities for 60,000 students in 2050 to meet the needs of that time. He said that currently more than 50



percent female students are studying in the university, who are being provided with the best facilities, including women complex, sports complex, day care center, facilitation center, working women's hostel, common rooms and others.

He said that the UAF had prepared a ten-year agricultural strategic plan, which will open up a new chapter of agricultural development and prosperity.

He appreciated the efforts of the faculty regarding the spring festival celebrations. He said that there were a record number of patents in UAF during the last 15 months that will uncover a new chapter of glory.

Director Office of Democracy, Rights and Governance USAID, Shally Prasad, USAID Lahore Team Lead Arshia Bano, Director CAS Dr. Sultan Habibullah, Director ORIC Dr. Muhammad Jafar Jaskani, PO PRP Dr. Jalal Arif, Dr. Rizwana Maqbool, Dr. Saqib and others were also present.



Patron in Chief:

Prof. Dr. Iqrar Ahmad Khan (SI)
Vice Chancellor

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Director, ORIC

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