

# ORIC Newsletter

University of Agriculture, Faisalabad

August 15 to 30, 2023



## THE PRESIDENT CONFERS “HILAL-I-IMTIAZ” UPON UAF VICE CHANCELLOR PROF. DR. IQRAR AHMAD KHAN

The President, Islamic Republic of Pakistan Dr. Arif Alvi on the eve of 76th Independence Day of the country, conferred the highest civil award “Hilal-i-Imtiaz” upon veteran agricultural expert, astute manager and experienced administrator Prof. Dr. Iqrar Ahmad Khan (SI) in recognition of his meritorious, humongous and illustrious services in the field of education, agriculture and policy advocacy. Dr. I.A. Khan used to be a vibrant and louder voice in the realm of agriculture and higher education. He remains in highlights due to his critical thinking, bold decisions, superb analysis, and congenial nature. His appearance on the scene and taking in hand the reins of the varsity would be remembered as an historic event that signaled a reversal of fortunes in the interest of the UAF community and nation at large. He is a scientist of eminence with blazing leadership skills that makes him a distinctive personality who demonstrates success in developing and articulating a vision with an extensive track record in a senior leadership role. Dr. Iqrar Ahmad Khan is a superbly qualified academician and equally profusely acclaimed scientist the world over for his outstanding work of science and higher education. During the last two decades, he has been playing an instrumental role in transforming the agriculture landscape of the country by putting his efforts in re-setting the agro-ecological zones, on the basis of imperial evidence shifting crops to new areas, placing leguminous crops particularly the soybean between cotton and wheat, inter-cropping, bringing ICT and



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precision practices in the sector thereby to arrest the swelling cost of production and making the farming an attractive profession for the new generations. Under his aspiring leadership, the University has embraced numerous winning crowns be that of growing global rankings, crafting and putting in place various policy documents to federal and provincial governments or introducing new business and employment opportunities in the country. Earlier, he was awarded “Sitara-i-Imtiaz” by the president. He will be decorated with the award in a convivial ceremony to be held on March 23, 2024. The campus community extends felicitations to Dr. I. A Khan on achieving the highest civil award in the history of the varsity.

## APPOINTMENT AS MEMBER HEC

The president accorded approval of making Prof. Dr. Iqar Ahmad Khan (HI), a member of the Higher Education Commission, Islamabad that would also provide him an opportunity for bringing soothing reforms in higher education and also play his pivotal role in re-

setting the funding formula for the varsities of the country that would enable the top ranked universities to propel and use their resources for research and development activities. ORIC felicitates Dr. Iqar Ahmad Khan on his appointment as a member of the prestigious forum.

## MEETING ON UNIVERSITY RANKING

A consultative meeting with UAF administrative offices was organized by Director ORIC Prof. Dr. Muhammad Jafar Jaskani at Conference Room of ORIC. The meeting was attended by all administrative offices to get feedback on the requisite information and time-line for provision of data by the respective departments. The meeting was attended by the Registrar Mr. Tariq Mehmood Gill, Treasurer Mr. Umar Saeed, Director Academics Prof. Dr. Babar Shahbaz, Director QEC Prof. Dr. Naeem Asghar, Director DFAUA Prof. Dr. Muhammad Ahsan, Director Admissions Dr. Rana Nadeem Abbass, Manager Research Management Dr. Abdul Rashid, Deputy Director EFS Rana Amir, Deputy Registrar SRB Mr. Muhammad Umar, Deputy Registrar (Personnel) Mr. Sarfraz Hussain, Network Administrator Mr. Wasi Ahmad Randhawa, Mr. Amir Hassan, Admin Officer ORIC Mr. Muhammad Hanif Chaudhry, Admin Officer DGS Mr. Naveed, Admin Officer Personnel Mr. Muhammad Safdar, Research Officer ORIC Mr. Farooq Hassan, Outreach Producer P&D Mr. Waqas Sadat, Research Assistant Coordination Mr. Abdul Shakoor and others. Addressing the meeting Director ORIC told that HEC is doing the ranking exercise after seven years by introducing various new indicators and this time we need to put the requisite information via online portal. He emphasized the need for timely provision of requisite data with documentary evidence so that maximum quality points could be generated. He told that Deans Committee also underlined the importance of ranking and stressed upon the participants to get the required information ready not later than deadline. Manager Database and Rankings Ms Aisha Arshad conducted the event and presented the agenda items for discussion and clarifications. JCO Mr. Azam Hussain briefed the participants about different questions about the data sheet.





**HORIZON  
EUROPE**

**ORIC** OFFICE OF RESEARCH,  
INNOVATION  
& COMMERCIALIZATION  
Transforming Concepts into Impacts



**EU**

## **Horizon Grant Call for Cluster 3 (Civil Security for Society)**

### **Introduction:**

The Horizon Europe is the European Union's (EU) key funding program for research and innovation. Calls for Cluster 3 which focuses on

**'Civil Security for Society'.**

This grant deals primarily with challenges arising from security threats including cybercrime, natural and manmade disaster etc.

The link to EU research and innovation program is being shared for information. For further details please visit Cluster 3: Civil security for society (europa.eu)

This Call for proposals opens the opportunity for funding. In this regard submit your proposal against the Call for Cluster 3 (Civil Security for Society) with intimation to ORIC, UAF.

### **Deadline:**

The deadline for the submission of application is  
**November 23, 2023**

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PAKISTAN SCIENCE  
FOUNDATION

**FUNDING OPPORTUNITIES**  
TO TRANSFORM RESEARCH INTO  
COMMERCIALIZABLE PRODUCT/SERVICES

## CALL FOR CONCEPT PAPERS

Pakistan Science Foundation (PSF) is a premier funding agency, striving for scientific development in the country through funding R&D projects in different scientific fields.

**National Science Linkage Program (NSLP)** is an endowment fund of PSF which is aimed at increasing agricultural production and socio-economic uplift of the farmers. Concept papers are invited under NSLP in line with National Science, Technology and Innovation Policy-2022 to support the use of emerging technologies in Agriculture, Drought Resistant Seed Production, Food Technology, Livestock, Animal Reproduction, Poultry, Aquaculture, Oilseed, pulses, environment, water/irrigation, energy, chemical, enzymes, flavors and additives:

Artificial Intelligence  
Block Chain  
Biotechnology  
Nanotechnology

Material Science  
Big Data/Data Mining  
Green Technologies

Concept Ideas will be short-listed and evaluated on the basis of expected outcomes including product/service development leading to import substitution, export enhancement and/or value addition of local raw material which can be marketed to generate business and revenue. Ideas with ready-to-market prototype will be given priority.

Grant support is available to enthusiastic and active Scientists/Researchers of HEC Chartered Universities and Govt. R&D Organization who intend to utilize their research results for economic uplift of the country. Concept papers can be submitted through Research Grant Management System (RGMS) on PSF Website throughout the year under intimation to ORIC to complete the in-house formalities.

**DIRECTOR RESEARCH SUPPORT**  
**PAKISTAN SCIENCE FOUNDATION**  
Constitution Avenue, Islamabad  
Ph. 051-9209664  
[nslp.psf@gmail.com](mailto:nslp.psf@gmail.com), [www.pst.gov.pk](http://www.pst.gov.pk)



# CALL FOR PROPOSALS

by

National Natural Science Foundation of China (NSFC) and  
Pakistan Science Foundation (PSF)



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

Under the Memorandum of Understanding between National Natural Science Foundation of China (NSFC) and the Pakistan Science Foundation (PSF), NSFC and PSF invite Universities, Research Centers and Institutes to submit joint proposals for R&D projects.

The call for Proposals for JoMt Research and Development Projects with National Natural Science Foundation of China (NSFC) is open in the following priority areas:

- (1) Green technologies (mainly focusing development of green sources of energy generation w/ MA may have Industrial Implications).
- (2) Nanotechnology (based on the socioeconomic needs of Pak-China).
- (3) Computing Science (Limited to Augmented/Virtual Reality, Artificial Intelligence, Quantum Computing).

General Guidelines Proposal should be submitted online through Research Grant Management System (RGMS).

PSF will support the project up to a maximum of Rs. 10.00 Million and NSFC will support the project up to 2.00 Million RMB.

Please visit [www.psf.gov.pk](http://www.psf.gov.pk) for detailed call documents.

#### For the technical queries regarding the joint call

**Ms. Zaiban Farooq,**  
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Email: [zaibanfarooq@gmail.com](mailto:zaibanfarooq@gmail.com)

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Senior Scientific Officer (IL-I)/  
Deputy Director International  
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Islamabad, Ph. # +92-51-9204033  
Email: [tahir1213/psf@gmail.com](mailto:tahir1213/psf@gmail.com)

#### For the queries related to RGMS or online submission of proposals

**Mr. Nabl Bux**  
Web Manager, IT Wing  
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E-mail: [nabibukhash@gmail.com](mailto:nabibukhash@gmail.com)

## PARTIAL RESEARCH SUPPORT BY ORIC TO POSTGRADUATE STUDENTS

The Office of Research, Innovation & Commercialization (ORIC) is ensuring quality in research by supporting partial funding for consumables only. Prescribed form is available at ORIC website where copy of approved synopsis is mandatory. A committee will finalize the cases on the basis of merit or indispensability of need on quarterly basis. Postgraduate students can apply to avail this opportunity on or before September 15, 2023.



## ENGRO AWARENESS SEMINAR FOR SOYBEAN CULTIVATION



The Engro Fertilizer Limited organized an awareness seminar regarding soybean cultivation at Engro Learning Center, University of Agriculture, Faisalabad (UAF) in collaboration with ORIC-UAF wherein Dr. Zaheer Ahmad, Associate Professor PBG/Soybean Expert presented soybean production technology package followed by field demonstration of very promising varieties developed at UAF. The farmers from the vicinity of Faisalabad, Chiniot, Jhang, Sheikhpura and Hafizabad District participated and updated their knowledge about this unique crop. Dr. Rizwana Maqbool, Dr. Rabia Faridi, Dr. Raheela Rehman along with other notable faculty members and students also participated in this seminar. In the question answer session, very relevant questions about fertigation, pest and disease management, marketing system and postharvest losses management were asked by the farmers and they practically examined the crop in the field. Ms. Saba Malik, Agronomist/Incharge Engro Learning Center also provided information regarding the role of balanced fertilize for this crop. She appreciated the UAF initiative for cultivating this crop at 100 acres at different locations in the Punjab under the diversified climatic conditions. She assured that Engro Fertilizer Limited will be hand to hand with UAF to promote this crop at all levels to curtail import bill of the country.

# Congratulations

## DR. ABID MEHMOOD

Chief Executive (PARB)

on Conferment of

## Sitara-i-Imtiaz

By the

## President of Pakistan



The UAF community extends its felicitations to **Dr. Abid Mehmood** on this monumental achievement in the field of Agriculture and wishes more successes in the years ahead.





# SAMPLE ANALYSIS FACILITY BY HEC AND PCSIR

Research scholars, students of MSc/MS/MPhil/PhD can benefit from this program

The Higher Education Commission (HEC) and Pakistan Council of Scientific and Industrial Research (PCSIR) has announced the provision of financial support to the research entities in the country for instrumental access under "Access to Scientific Instrumentation" and "Data Repository of Scientific Instrumentation" respectively. Maximum funding available for sample analysis to each applicant is **Rs.200,000/year** (i.e. from 1<sup>st</sup> July to June 30 by HEC) and upto **Rs.500,000/-** PCSIR. Research scholars, students of MSc/MS/MPhil/PhD or equivalent in the field of Natural/Applied Sciences enrolled in a public or private university recognized by the Higher Education Commission and researchers working in Research and Development organizations can benefit from this program. The application can be submitted including a summary or description of the research proposal, a copy of the approved research synopsis or proposal, a consent letter obtained from the service provider and a brief profile of the research supervisor through ORIC UAF after endorsement.

**DEADLINE:** There is no deadline for these initiatives, researcher can apply through out the year. diversified climatic conditions. She assured that Engro Fertilizer Limited will be hand to hand with UAF to promote this crop at all levels to curtail import bill of the country. Please visit HEC website: <https://ehsaasprogram.pk/hec-scientific-instrumentation-programme/>

Please visit PCSIR website: [www.pcsir.gov.pk](http://www.pcsir.gov.pk)

## Call for Research Proposals

## PERIDOT Research Programme Phase-X



### Priority Areas

Higher Education Commission (HEC), Pakistan invites applications from Pakistan's faculty members of public and private universities, for funding under the Pak-France PERIDOT Research Programme.



Renewable Energy,  
Environment and  
Climate change



Agriculture, Food  
Security and Health



Humanities &  
Social Sciences

**Note:** Projects on social challenges of environmental issues will be strongly encouraged. Maximum project duration is three (3) years.

For more information, visit [hec.gov.pk/site/PERIDOT](http://hec.gov.pk/site/PERIDOT)



**Higher Education Commission, Pakistan**

Sector H-9, Islamabad | [www.hec.gov.pk](http://www.hec.gov.pk)

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hec\_pk

@HEC Pakistan



## Patron

Prof Dr. Iqbal Ahmad Khan  
Vice Chancellor  
University of Agriculture Faisalabad

## Focal Person

Prof. Dr. Muhammad Jafar Jaskani  
Director ORIC / Principal Officer  
Central Hi-Tech Laboratory

## Organizer

Dr. Raja Adil Sarfraz  
Office Incharge/Associate Professor  
Central Hi-Tech Laboratory

Dr. Abdul Rashid  
Associate Professor, ORIC

Syed Fazil Bin Farukh  
Lecturer  
Central Hi-Tech Laboratory

## Resource Persons

Dr. Razia Riaz  
Dr. Abdul Qudoos  
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## Venue & Contact Information

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## Series of ONE WEEK HANDS ON TRAINING 2023

*Starting From*

04 - September, 2023



## ORGANIZED BY

Central Hi-Tech Laboratory  
Office of Research, Innovation & Commercialization (ORIC)  
University of Agriculture, Faisalabad

## Central Hi-Tech Laboratory.

Central Hi-Tech Laboratory, University of Agriculture, Faisalabad (UAF) was established in 1997 by the cooperation of Japan International Cooperation Agency (JICA). Later on, Higher Education Commission (HEC), Pakistan funded to further strengthen the existing facilities in the laboratory. This Laboratory is equipped with advanced analysis facilities research culture in the University. Services are offered not only to the students and researchers from this university but also to the other universities, research institutions, non-government organizations, industries and civil society.



## Objectives.

To Excel Advance Research Techniques  
To Produce Qualified Personnel  
Establishment Of Research Collaboration With  
Industry/ Institutes/ Organizations/ Civil Society  
To Equip Researchers With Lab Safety/bio Safety  
And Bio Ethics Protocol



## Scope.

University teachers, students and other relevant stakeholders to work at Central Hi-Tech Laboratory, University of Agriculture, Faisalabad



## One Week Hands-on-Training Programs

On advanced analytical techniques in natural and applied sciences. This training will cover the major areas in analytical techniques followed by hands-on-training on sophisticated instruments.

## Starting Date

04-September, 2023

## How to Apply.

Application Form can be obtained from the office of the Central Hi-Tech Laboratory, UAF or downloaded from UAF website ([http://uaf.edu.pk/directorates/research/depts/hitech\\_laboratory/tec\\_overview.html](http://uaf.edu.pk/directorates/research/depts/hitech_laboratory/tec_overview.html))

**How to  
apply**

PLEASE  
NOTE

Application form should reach at the Central Hi-Tech Laboratory on or before

**September 04, 2023**

Sr. #	Training	Duration	Training Charges(Rs)		
			Students	UAF Faculty	Other Organizations
1.	High performance Liquid Chromatograph (HPLC)	1 week	2000	5000	7000
2.	Atomic Absorption Spectrophotometer (AAS)	1 week	2000	5000	7000
3.	Scanning Electron Microscope (SEM)	1 week	2000	5000	7000
4.	Proximate Analysis	1 week	2000	5000	7000
5.	Gas Chromatograph (GC)	1 week	2000	5000	7000
6.	General Laboratory Equipment (Spectrophotometer, flame photometer, Ultra centrifuge, pH, EC DO meters etc.)	1 week	2000	5000	7000
7	Spectrophotometer, Zeta Sizer	1 week	2000	5000	7000



# PUNJAB AGRICULTURAL RESEARCH BOARD

Technologies for the Prosperity of Agricultural Stakeholders

## INVITATION FOR RESEARCH PROPOSALS

PUNJAB AGRICULTURAL RESEARCH BOARD (PARB) INTENDS TO SOLICIT RESEARCH PROPOSALS THROUGH COMPETITIVE GRANT SYSTEM (CGS)

Projects under Competitive Grant System (CGS), purely applied in nature, with clear-cut deliverables are invited. The proposals having clear-cut deliverables, linkages with agro-based industry, and commercialization components will be given priority.

### WHO IS ELIGIBLE:

However, any scientist in a public sector institution/university related to Agriculture Research (crops, plants, Livestock & Dairy development, poultry, fisheries, forestry, wildlife, ecology, range management, agricultural engineering, and water management) within the province of Punjab can submit a proposal on the concept clearance proforma/template present on the website (<http://parb.aaripunjab.gov.pk>) under the tab "Advertisement". The collaborators in the project can be from any public or private sector organization from any part of the world. Detailed high-priority research Themes and sub-themes are available on PARB website.

A soft copy must be emailed to [parbproposals@gmail.com](mailto:parbproposals@gmail.com)

**Last date for receiving the proposals is**

**August 30, 2023**



### KEY-IDENTIFIED THEMES AND HIGH-PRIORITY RESEARCH AREAS:

- Enhance productivity with the sustainability of major cropping systems
- Promote diversification & commercialization in agriculture
- Conserve resources & protect environment
- Increase competitiveness by value addition
- Cross cutting and knowledge-based agriculture policies

The hard copies of the project concept papers should be submitted in quadruplicate through proper channels (ORIC-UAF) on or before **August 25, 2023** to complete the in-house formalities before the closing date.

### PARB website:

<http://parb.aaripunjab.gov.pk>



### Patron in Chief:

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

### Chief Editor:

Prof. Dr. Muhammad Jafar Jaskani  
Director, ORIC

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