



UNIVERSITY OF  
AGRICULTURE  
FAISALABAD - PAKISTAN



November 16-30, 2019

# ORIC NEWS

OFFICE OF RESEARCH, INNOVATION & COMMERCIALIZATION, UAF

*Transforming Concepts into Impacts*

@ www.uaf.edu.pk

@ oric@uaf.edu.pk

f www.facebook.com/oricnaf

## ONE DAY SEMINAR ON “LOCUST IN THE PUNJAB: MODE OF DAMAGE AND MANAGEMENT STRATEGIES

The ORIC in collaboration with the Department of Entomology organized an awareness seminar on “Locust in the Punjab: Mode of Damage and Management Strategies” Prof. Dr. Muhammad Ashraf (SI, HI) was the Chief Guest while Prof. Dr. Muhammad Aslam Khan, Dean, Faculty of Agriculture was the guest of honor. Dr. Khawar Jawad Ahmad, Director Entomological Research Institute, Ayub Agricultural Research Institute and Prof. Dr. Sohail Ahmad Presented current status of locust in the Punjab and management strategies extended by Govt. Public and private sector to keep locust below the economic threshold level. Prof. Dr. Muhammad Ashraf stressed the scientists to think out of the box for managing this destructive pest through



integrated management approaches. He directed Chairman, Department of Entomology to send the students for internship in areas directly or indirectly affected by Locust. Prof. Dr. Muhammad Aslam Khan emphasized on the practical approaches for managing any disease or insect pest through multiple strategies. He urged to develop forecasting system across the country. Dr. Abdul Rashid, Associate Professor, ORIC thanked the participants, distinguished guests and resource persons.



VISIT OF A DELEGATION HEADED BY THE VICE CHANCELLOR, UNIVERSITY OF MALAKAND TO UAF



A delegation headed by the Vice Chancellor, University of Malakand visited UAF on November 25, 2019 to materialize the mutual cooperation and collaboration for joint ventures. The delegation met with the Vice Chancellor and discussed areas of mutual interest and futuristic cooperation between two institutes of higher learning. The Vice Chancellor UAF assured his full cooperation to promote R&D activities, exchange of faculty, students, analytical facilities and to develop joint research projects for strengthening close ties between the two



universities. The delegation then visited NIFSAT, Department of Energy System Engineering,

Department of Fibre & Textile Technology, Central Hi-Tech Lab. and CAS-AFS at UAF. Prof. Dr. Zahir Ahmad Zahir, Director ORIC also briefed about the ongoing R&D activities, outreach and technology transfer initiatives, student startups and Incubatee companies and overall working of ORIC under the guidelines of HEC. The Vice Chancellor Professor Dr. Gul Zaman, appreciated the infrastructure at UAF and commended its strategies of good governance and initiatives for promoting R&D activities in the campus. He invited UAF delegation in the upcoming event of Malakand.



**A DELEGATION FROM WORLD BANK VISITS ORIC**



A delegation from World Bank comprising of Dr Abdul Hayee, CSO, (R), Agri Economics, PARC, Dr Muhammad Ashraf Mirza, CSO, (R), PARC, M Javed Iqbal Goraya, MM Pakistan Ltd, Dr Abdul Ghaffar, CSO, (R) Animal Science, PARC visited ORIC and discussed various programs and initiatives especially projects under Technology Development Fund (TDF). The members of the delegation appreciated

HEC for launching projects applied nature like TDF and UAF for making of history in hunting maximum research funding under this program. They also discussed success stories of the university in terms of developing varieties like UAF-11 (Brassica variety) and innovative technologies like Golden Nuggets (Animal Feed) etc.

**ORIC ORGANIZED A WORKSHOP REGARDING PATENT/CLAIMS DRAFTING TECHNIQUES AND TRADE MARK REGISTRATION**



Technology Innovation and Support Centre (TISC) ORIC organized one day Workshop on “Patent/Claims Drafting Techniques and Trade Mark Registration” in collaboration with the Intellectual Property Organization, Pakistan (IPO) on November 21, 2019 at CAS Auditorium, UAF. Prof. Dr. Zahir Ahmad Zahir, Director ORIC welcomed all the participants and emphasized on the patenting of research/inventions. Ms. Shahkra Khurshid, Assistant Controller, IPO,

Pakistan, Lahore contributed as Resource Person and delivered presentation regarding the importance of Intellectual Property Rights (IPR) for researchers. Furthermore, she elaborated the procedure of Trade Mark Registration and Industrial Design. Dr. Abdul Rashid, Associate Professor, ORIC also spoke about the importance of patents. Dr. Khuram Zia, Focal Person TISC, thanked the resource person for comprehensive presentation regarding IPR.

## VISIT OF SOUTH KOREAN DELEGATION TO ORIC-UAF

A South Korean delegation of Oaks CAF, Pakistan visited University of Agriculture, Faisalabad in connection with Milk Bar Project. Mr. Lee/Jae HO, Oaks CAF Director briefed the Director ORIC regarding the nomination of UAF faculty/representative for Korea Bovine Semen Seminar and Quarantine inspection agreement for the import of Korea Bovine Semen. Furthermore, Mr. Lee urged for the settlement of Milk Bar Facilities provided by Oaks CAF and suggested to establish separate entity and profit sharing agreement with local dairy farming segment of the university.



## TWO DAYS TRAINING FOR AGRICULTURE EXTENSION STAFF OF KPK REGARDING VERTICAL FARMING



Under Market and Employment project, the Spurt International in collaboration with ORIC UAF organized two days Training for Agriculture Extension Staff of District (Bajaur) Mohamand and Charsada , KPK regarding Vertical Farming and also visited institute of Horticultural Sciences (IHS) and National Institute of Food Science and Technology (NIFSAT). Mr. Mohsin Mallik, CEO Spurt International updated the participant regarding new interventions for growing vegetables.

## SELECTION OF UNDP VOLUNTEERS

The United Nations Development Program (UNDP) in collaboration with ORIC is going to launch batch-05 of UN volunteers program at University of Agriculture, Faisalabad. The objective of the program is to support civic education in schools, colleges, universities and communities across Pakistan to have informed and active citizens and voters. For this purpose, more than 1,000 students of University of Agriculture applied, 32 were shortlisted for interviews. The panel consisted of Mr. Athar Iqbal



(Program Coordinator) , Mr. Waseem Ashraf (UNV Country Coordinator), Ms. Aneesa Kafait (UN Civic Education Volunteer) and Prof. Dr. Zahir Ahmad Zahir (Director, ORIC). The selected volunteers will receive a handsome stipend and are expected to conduct activities to promote civic education, with a particular emphasis on the role of parliament and the government in ensuring democracy, provision of services to citizens and good governance while also promoting women's National Identity Card (NIC) and voter registration.



## A DELEGATION FROM NETHERLANDS VISITS ORIC AT UAF



A delegation from PUM (Programma Uitzending Managers'/Manager Deployment Programme) Netherlands under leadership of Mr. Sjaak Van Der Linen Coordinator of PUMS, Netherlands and Mr. Saleem Ahmad Country Manager PUMS visited ORIC UAF for discussing the renewal of tri party agreement already being executed at UAF. Prof. Dr. Zahir Ahmad Zahir Director ORIC, Dr. Rashid Ahmad, Director External Linkages, Dr. Muhammad Ayub, Director Institute of Horticultural Sciences, Dr. Adnan Younas, IHS, Dr. Abdul Rashid, Associate Professor, ORIC and Dr. Khuram Zia, Manager Academia Industry Linkage and Technology Transfer were also present in this meeting. Director ORIC urged to widen the scope of

PUM agreement and its scope should not be restricted to floriculture but olariculture and fruits and seed production may also be included. Dr. Rashid Ahmad, DEL, proposed the exchange visits of researcher students and faculty to Netherland and Pakistan vise versa. Mr. Sjaak appreciated the ongoing R&D activities at UAF

and promised to consider the suggestions by UAF counter parts and incorporate them in the renewed agreement.



## BAYER-MONSANTO TECHNOLOGIES SHOWCASE AND LEARNING SESSIONS FOR FACULTY MEMBERS AND STUDENTS FOR DIFFERENT DISCIPLINES OF UAF IN AUTUMN-2019

The Bayer Pakistan-Crop Sciences Monsanto Pakistan (Pvt.) established a Learning Center for faculty and students at UAF under Academia Industry Linkages where different trials on biotech corn, fertilizer study, plant density, moisture use efficiency may be examined by the visitors from time to time. Bayer Pakistan-Crop Sciences Monsanto Pakistan (Pvt.) arranged a series of capacity building sessions regarding Corn history and present scenario, Hybrids screening and best agronomic practices for corn crop & vegetables key characteristics of commercial

importance, rating scales, farmer requirements, industry standards, plant phenology regarding corn and vegetables, impact of planting geometry / density on plant phenology, maturity and yield for faculty and students of Plant Breeding and Genetics, Entomology, Agronomy, Plant Pathology, Institute of Horticultural Sciences and Institute of Soil & Environmental Sciences from November 06-08, 2019 and November 11-13, 2019. A group of Ninety (90) students from each department/institute along with faculty members visited the Bayer Pakistan-Crop

Sciences Monsanto Pakistan (Pvt.) Learning Center at UAF. Mr. Kamran Ashraf, Incharge Bayer Learning Centre also briefed about the Bayer current and pipe line technologies of Bayer.



## TRAINING WORKSHOP ON HERMETIC TECHNOLOGY FOR GRAIN STORAGE

Dr. Irfan Afzal, Associate Professor, a seed expert Department of Agronomy organized a training workshop on "Hermetic technology for grain storage" in collaboration with ORIC UAF. During the day long session different aspects like temperature, humidity, quality of seed to be stored and storage processes were discussed followed by hands on training with storage techniques and practical demonstration of "Anaji Drum". In the closing session Prof. Dr. Asif Tanveer, Department of Agronomy and Dr. Abdul Rashid, Associate Professor ORIC shared their experiences and appreciated the contribution of Dr. Irfan Afzal to initiate this training. In the end, certificates were awarded to the successful candidates.



## RECRUITMENT OF STAFF IN THE RESEARCH PROJECT

For the facilitation of the researchers to smoothly execute the research projects at UAF, on the recommendations of ORIC the honorable Vice Chancellor has very kindly approved the Score Card for the recruitment of staff in the research projects.

This score card will summarize the educational achievements, experience and scientific publications in the credit of the candidates. This score card can be download from ORIC website: [www.oric.uaf.edu.pk](http://www.oric.uaf.edu.pk)



## Call for Proposals under National Research Program for Universities (NRPU) 2020 by HEC



The Higher Education Commission (HEC) of Pakistan invites application under National Research Program for Universities (NRPU). Applications can be submitted through HEC online portal ([eportal.hec.edu.pk](http://eportal.hec.edu.pk)) after 2nd Dec. Deadline for submission of Full Project Proposal = 15th January, 2020

**Deadline  
for ORIC  
January 10, 2020**

- Principal Investigator (PI) must:
  - be a regular faculty member of the Higher Education Institutions (public and private) or hold a contract equivalent to the length of project duration
  - have an advanced academic degree (PhD or MPhil/MS with Two (02) years of research experience)
  - have relevant experience of working as a researcher
  - have maximum one (01) NRPU research grant at a time for the PI
- The budgets for NRPU projects are anticipated to range between **PKR 5–20 Million**, with a maximum project duration of 3 years.
- The CVs should be of a standard form (maximum two pages) and include the following information:
  - Full Name    ▪ Position/Title    ▪ Institution    ▪ Professional Training/Education    ▪ Chronological List of Positions
  - List of up to five publications related to the proposed project, in standard citation format
  - List of up to five activities related to the proposed project. These activities may include: current or previous grants; teaching; collaborations; leading workshops/conferences; consulting; etc.

Full details of the NRPU will be available on the Higher Education Commission website available at: [www.hec.gov.pk/site/NRPU](http://www.hec.gov.pk/site/NRPU)  
Questions regarding the NRPU Research Grant may be directed to: [Info-R&D@hec.gov.pk](mailto:Info-R&D@hec.gov.pk)

Interested Faculty Members are requested to submit three complete sets (1 for HEC, 1 for ORIC and 1 for PI) of original hard copy of the proposal to ORIC for the signature of competent authority till **10<sup>th</sup> January, 2020**.

A DELEGATION OF DEPUTY DIRECTORS' DEPARTMENT OF AGRICULTURE (EXT.) GOVT. OF SINDH



A delegation consisting of twenty-six (26) Deputy Directors' Department of Agriculture (Extension) Govt. of Sindh led by Mr. Mumtaz Hussain Jandan, Director Training, Agriculture Extension Sindh visited University of Agriculture, Faisalabad (UAF) on November 27, 2019. Mr. Mumtaz Hussain Jandan, Director Training, briefed about their visit to different Universities and Research Institutes of Punjab. The Director ORIC welcomed the participants and gave presentation regarding activities at UAF. The delegation also visited different labs of the Institute of Horticultural Science, UAF as well as research area.



**Prof. Dr. Muhammad Ashraf (HI, SI)**  
Vice Chancellor (Patron in Chief)

**Editorial Board**

**Dr. Abdul Rashid** Associate Prof., ORIC (Convener/Editor)  
**Dr. Abdul Naveed** Associate Prof., ORIC  
**Dr. Khuram Zia** Assistant Prof., ORIC

**Prof. Dr. Zahir Ahmad Zahir**  
Director, ORIC, (Chief Editor)

**Ms. Aisha Arshad** Assistant Prof., ORIC  
**Mr. Farooq Hassan** Research Officer, BIC  
**Mr. Imran Munawar** Research Officer, BIC  
**Ms. Arooj Arshad** ORIC