



University of
Agriculture
Faisalabad-Pakistan

August 01, 2016 to August 15, 2016

ORIC NEWS

Office of Research, Innovation and Commercialization, UAF



FIFTEENTH EDITION OF THE IDB PRIZES FOR SCIENCE & TECHNOLOGY 1438H (2017)

The Islamic Development Bank (IDB) has announced 15th Edition of the IDB Prizes for Science and Technology. The Prize will be awarded to the institutions during the forthcoming 42nd Annual Meeting of the IDB Board of Governors scheduled to be held in Jeddah, Kingdom of Saudi Arabia in May, 2017. IDB has invited applications from public or private national, regional and international academic/

research/development institutions from member countries.

Institutions interested in applying for IDB prize for Science and Technology 15th Edition 2017 can download the application from the website www.isdb.org and link: <http://www.isdb.org/irj/portal/anonymous?NavigationTarget=navurl://74d74aef8281e22a7d65bef5e309bf1e> Last date to submit the application **November 30, 2016** through E-mail: STPrize2017@isdb.org

COMPETITIVE GRANTS FOR UAF PhD SCHOLARS

On the recommendations of the Finance and Planning Committee made in its meeting held on December 12, 2015 and approved by the Syndicate, the University has initiated a program 'UAF PhD Research Grant Program'. The University PhD Scholars (Other than HEC awardees and not employed in any Project/ Govt. Institution) are eligible to compete under the said program. The following financial support will be provided to the PhD Scholars during PhD.

Stipend to Scholars (Maximum two years)	Rs. 10,000/- per month
Research Support	Rs. 100,000/- (one time)

The eligible PhD Scholars are advised to submit their applications through proper channel on the prescribed format available at www.uaf.edu.pk Last date for receipt of applications to ORIC is **August 30, 2016**.

MUSTAFA PRIZE 2017

The Mustafa Prize is a Science and Technology Award, granted biannually to the top researchers and scientists of the OIC member states by Pardis Technology Park, Tehran in the following four categories:

- * Life Science and Medical Sciences
- * Nano Science and Nanotechnologies
- * The Information and Communication Science and Technologies
- * Top Scientific Achievement in other fields

The winner in each category will be awarded US \$500,000, special medal and a certificate.

The last date for receiving the nomination is **December 31, 2016**. For further information log on to website: <http://mustafaprize.org/en/>.

EXPRESSION OF INTEREST (EOI)

The USAID, U.S. Global Development Lab invites applications (Expression of Interest) for the Development Innovation Ventures (DIV) Program for creative and bold development ideas in country where USAID operates.

Closing date for application is **November 1, 2016**.

Interested Faculty are requested to submit applications to DIVApplications@usaid.gov under intimation to ORIC. For more details, please visit: <https://www.usaid.gov/div>

FUNDING FOR SCIENTIFIC CONFERENCE / WORKSHOP/SEMINAR BY PARB

The Punjab Agriculture Research Board (PARB), Lahore seeks applications for the conduct of Scientific Conference/Workshop/Seminar on Agriculture related subjects. The topic of proposals preferably should be on PARB identified themes.

For further information visit the newly revised website www.parb.agripunjab.gov.pk

The applications should reach to PARB (14-C, E-1, Imam Hussain Road, Gulberg-III, Lahore) on or before **August 31, 2016**.

SPECIAL INDIGENOUS ON-CAMPUS TRAININGS FOR SECURITY STAFF

Learning Innovation Division, HEC Islamabad under Modern University Governance Program provided funds for special trainings of UAF security staff from July 26 to August 02 and July 25 to August 25, 2016. Various security agencies like Janbaz Force (Pak Army), Elite Force (Punjab Police), Rescue 1122, Civil Defence and Counter Terrorism Department (CTD) trained UAF security staff under this initiative. ORIC, Estate Department, Directorate of Student Affairs, Directorate of Monitoring and Evaluation and other segments of the University cooperated to furnish this training.



CALL FOR PROPOSAL

GLOBAL INNOVATION FUND (GIF) invites an Initial application via GIF online platform. Initial applications will be assessed against GIF application criteria - Innovation and Impact.

GIF offers funding ranging from US \$50,000 to 15 million Interested Faculty are requested to apply online: [http://www.globalinnovation.fund/ apply-to-gif](http://www.globalinnovation.fund/apply-to-gif)

DICE-2016, Agriculture & Food Science Innovation Event at UAF

It is to inform all the faculty members & students that date for submission of the project under DICE-2016 Agriculture & Food Science Innovation Event has been extended up to **August 15, 2016**. The innovative projects can be from any of the following thematic area:

- * Agriculture and Food Sciences
- * Agriculture and Veterinary Sciences
- * Agri Engineering Technology & ICT
- * Food, Home and Social Sciences
- * Value addition, Ventures and Commercialization

Please register your innovative idea/project online at <http://uaf.edu.pk/dice/innovation.php>

ADVANCED CERTIFICATE COURSE IN SUGARCANE AGRONOMY (ACCSA)



15th Aug. 2016 - 24th Sep. 2016



Organized by:
Department of Agronomy
University of Agriculture Faisalabad

Co-Organized & Funded by:
Sugarcane Research & Development Board (Punjab)

RATIONALE OF THE COURSE:

The course is devised keeping in view the importance of sugarcane as cash crop of many countries across the globe and raw material for the world's leading sugar industry. Gap between the international and national cane and sugar production statistics gives impetus to train the relevant manpower for improved, sustainable and cost effective sugarcane production practices. In addition, the course will cater the need of trained farming human resource in such a way that the beneficiary growers and farmers will serve as trainers for the future training at the farmers doorstep.

THE COURSE WILL TARGET:

Farmers, sugarcane growers, agronomists, field management staff, training officers, advisers, extension officers and all those occupying responsible positions in the areas of sugarcane growing or in organizations associated with the sugar industry.

ELIGIBILITY:

Farm/ mills/ sugar estates staff: A diploma or a bachelor's degree in agricultural sciences
Farmers/progressive growers: Matric with 05 years' relevant field experience

OBJECTIVES OF THE COURSE:

- On completion of the course the participant will be able:
1. To analyze the scientific basis and principles related to each practice involved in sugarcane production agronomy
 2. To provide essential theoretical and practical background to persons who undertake research, training or advisory/extension duties
 3. To master necessary skills related to sugarcane production at their position of responsibility in growers' farm or mills estate
 4. To act as trainers for transferring technology and to build capacity of all stakeholders of sugarcane production

REGISTRATION OF THE COURSE

For international participant.....	PKR 50,000/-
For Mills staff.....	PKR 10,000/-
For progressive growers / farm staff.....	PKR 10,000/-
For Researchers / Scientists.....	PKR 5,000/-

The registration fee will cover the course material, tea during the course and other course related expenditures whereas, the participants will be responsible for their boarding, lodging and dining.

UNIVERSITY OF AGRICULTURE FAISALABAD



Professor Dr. Iqbal Ahmad Khan (S.I.)
Vice-Chancellor

University of Agriculture Faisalabad (UAF) is the oldest center of agricultural education and research in the Indian Subcontinent since its establishment in 1906 as Punjab Agricultural College & Research Institute Lyallpur. At present UAF is ranked among top five Pakistani universities by HEC while QS World Ranking rates UAF eighty fifth university in the world. UAF has a vision to lead a change process in agriculture/livestock sector to ensure food security, entrepreneurship in business and industry and economic growth for development of rural communities that makes UAF internationally ranked Center of Excellence.

Professor Dr. Iqbal Ahmad Khan (S.I.) is the present Vice Chancellor of UAF who is popular figure among the faculty, staff and students in addition to his reputed professional zeal and leadership in the field of agricultural sciences on national and international fronts. Dr. Khan is a true advocate of strengthening the present cropping systems, introduction of nutritious crops and adaptation to changing climates. Dr. Khan always looks forward for improved rural livelihood of farming community and changing narrative in social and cultural norms in respect of biodiversity, forest preservation, gender equality and rural development.

DEPARTMENT OF AGRONOMY

The Agronomy Section, predecessor of Department of Agronomy, was one of the few sections which started functioning with the establishment of former Punjab Agricultural College and Research Institute at Faisalabad (Lyallpur) in 1906. This Section was upgraded to Department of Agronomy during 1962. Since its inception, Agronomy is one integral department of UAF that chiefly renders its academic services in the field of agriculture in general and crop science in particular with a strength of thirty five faculty members, all with at least Ph.D. qualification. In addition to offering of M.S. and Ph.D. degree programs, departmental faculty is focusing on a number of research collaborations with public and private sectors in order to cater the needs of the growers/ farming stakeholders. Department is also equipped with the level best research and academic facilities including green houses, field laboratories, Agronomic Research Area, Student Farm, Climate Change and Agro-Meteorology Cells.

COURSE COORDINATOR



Dr. Hassan Munir (Course Coordinator, ACCSA) is Assistant Professor in the department of Agronomy, University of Agriculture Faisalabad (UAF) with a Ph.D. on new cropping system (Quinoa) and post-doctorate from Brigham Young University Utah, USA on molecular markers development for tolerance to nutritional stress in field crops. Dr. Hassan has a conspicuous experience in the field of stress physiology and production/ seed agronomy along with twelve years of service as researcher and academician. Being "National Coordination" for International Year of Quinoa-2013 appointed by FAO-United Nations, International Consultant of quinoa projects in the Central Asia and first position in the International Certificate Course in Sugarcane Agronomy in Mauritius during 2015, are among salient achievements of Dr. Hassan.



COURSE DEPUTY COORDINATOR:

Dr. Fahd Rasool is Assistant Professor in the department of Agronomy. Dr. Rasool did his Ph.D. from South China Agricultural University, Guangzhou, China and Fulbright Post-doc fellowship from Washington State University (WSU), USA on climate & crop modeling. Dr. Rasool is presently serving as adjunct faculty with AgWeatherNet program at WSU and chairperson of Pakistan Biochar Initiative in addition to his services as outreach organizer in IFD-UK funded global AgMIP project.

REGISTRATION DEADLINE:

Application forms filled in all respect along with one recent photograph and nomination letter (in case of public or private sector employees only) should reach to the office of the Course Coordinator not later than **Monday, August 08, 2016**.



Sugarcane Research and Development Board (SRDB), Punjab

The Sugarcane Research & Development Board (SRDB), Punjab was instituted in 2014 by the Government of Punjab as an apex body to promote, facilitate and coordinate all sugarcane research and development related activities in the province. In addition, bringing in new technologies and technical progress to the local sugarcane industry through high quality research is among goals of the SRDB.



Dr. Sreenivasan, CEO SRDB

For registration and course related information, please contact:



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PROGRAM OUTLINE:

The nine modules comprising of theory and practical sessions along with field tours will be as follows:

TITLE OF THE MODULE

- Botany, physiology and agro-meteorology
- Breeding & variety development
- Soils and nutrition
- Cane husbandry & mechanization
- Irrigation and drainage
- Cane diseases
- Insect pest management
- Weed management
- Sugarcane biometry & farm record

PLENARY LECTURES:

1. Comparative scenario of local and international sugar industry
2. Cane quality determination and management
3. Industrial cane processing and quality sugar production
4. Individual or team level human resource management
5. Communication skills for sugarcane production technology dissemination
6. Introduction to laboratory techniques and instrumentation for cane quality determination
7. Seminars for respective modules

MODE OF INSTRUCTION:

- English will be the language of the course. However, the resource persons may use local or national language during field visits. International participants will have to ensure their command on English in the form of an affidavit as part of the application.
- Theory and practical demonstrations, hand on trainings and field/ lab/ industry visits will be employed for achievement of course objectives

DURATION

6 weeks

NUMBER OF PARTICIPANTS

30

24 participants from Mills staff / progressive growers / Farm staff
06 Nominee from Scientific / extension organizations

LOCATION OF THE COURSE

Department of Agronomy,
University of Agriculture, Faisalabad

HEC Technology Development Fund

GRANTS FOR PRODUCT DEVELOPMENT

In its efforts to nurture entrepreneurship and steer Institutions of Higher Learning to serve as engines of socio-economic development, applications are invited under HEC Technology Development Fund for development of products based on research projects of PhD scholars and their teams.

The funded projects will be expected to develop a product or service which would positively impact the economy, solve a current problem, meet a market need, utilize local raw materials, move current products up the value chain as well as create a large scale employment.

Projects are mainly expected to be in the following areas:

- Information and Technology/Computers (applications in government services, health, textile, agriculture, dairy etc.)
- Microelectronics
- Biotechnology (in health, agriculture, textile, dairy etc.)
- Material Sciences/Man Made Material
- Telecommunication
- Robotics.
- Any other discipline which is conducive to success of products developed in the above areas.

The proposals need to be academia-industry joint projects leading to products or services which solve a current problem or identify a new opportunity, and are marketable, leading to positive cash-flows

Application forms can be downloaded from the following link
<http://hec.gov.pk/english/services/students/TDF/Pages/Intro.aspx>

Completed applications must be routed to HEC on following address through the Office of Research, Innovation and Commercialization (ORIC) of the University where the applicant team is located. Proposals will be received till December 2016 and evaluated on first come first served bases.



Noshaba Awais

Director (R&D)

Higher Education Commission
Sector H-9, Islamabad, Pakistan

Prof. Dr. Iqar Ahmad Khan (S.I)
Vice Chancellor, UAF (Patron in Chief)

Prof. Dr. Muhammad Aslam Mirza
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