



## "Business Incubation and Agricultural Entrepreneurship Center (BIAEC)"

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Chemical Safety Lab at MNSUA by CropLife Pakistan

**SAP Topic**  
**Trans Education First**  
How Freelancing Can Change the life of Transgender Community

**Chief Guest**  
**"MAHI BAGGI"**

**Guest Speakers:**  
Dr. Naeem Toor  
Ms. Sidra Naeem  
Mr. Munir Ahmed  
Mr. Hafiz M. Ajmal Naseer

Organized by: Office of Research, Innovation & Commercialization And CBS

International training on "Trans Education

**CRISPR and Agriculture**

Zulqarnain Khan  
Assistant Professor (Biotechnology)  
MNS UAM

Webinar "CRISPR-based Genome



Inspection of distributed Honey bee Hives

## SEE THE OTHER ACTIVITIES

### National Farmer Dialogue on Agri. Development (first meeting).

Office of Research Innovation and commercialization MNS University of Agriculture, Multan organized National Farmer Dialogue on Agri. Development with Ministers and key stake holders from farmer community to understand bona fide problems of grassroots level community. The purpose of event was to solve the ongoing problems with solid solutions by involving Govt. representative. The meeting started with Tilawat e Quran e Hakeem. Honorable Vice Chancellor Prof. Dr. Asif Ali (T.I) welcomed the chief guest and partner organization. The Provincial Minister was of the opinion that he will arrange the next dialogue among farmers and other stakeholders including the government. He further said that seed system improvement is a priority. Seed act is already in place and enacted. Other relevant mechanism will be in place soon, seed traceability system is also Govt.'s priority and work is in progress. The incumbent Govt. is working on Efficient Mechanization schemes for the farmers. There are few initiatives to enhance value addition and reduce post-harvest losses. Federal Minister Syed Fakhar Imam was of the opinion that cotton is indispensable and revival of cotton is our mission. He further said that Govt. is also aware that improvement in soil fertility and management is dire need. Fed Govt. is also working on schemes to introduce and expand organic farming. We are well aware of the importance of having reliable and timely data availability. Use of data analytics tools for devising data driven policy initiatives is also the priority of Federal Govt. Federal Govt. is also working to introduce ICT based tools, IoTs and robotics in agriculture. Ministry of Science & Technology is also on-board for the purpose. The crux of the meeting was to designing a well-planned agriculture sector policy at federal level and provincial levels which should ensure coordination of government institutions (across federal ministries) and down to the provincial levels. Agri. Sector development plans should consider for developing a mechanism on M&E of the agri. institutions. Its now time to re-estimate agri. sector "Terms of Trade" so that due focus for the sector can be invited. A system of floor prices be introduced for essential agriculture commodities like in neighboring countries. It was unanimously decided that to have special focus on the oil seed crops for sustainable

growth of agriculture sector and release, utilization of the funds (Rs. 52 billion) announced by the Prime Minister under the Covid-19 Package last year and provision of direct subsidy to farmers on fertilizers and electricity without involving complex procedure like the existing fertilizer coupon system. The indispensable part of the discussion was to have representation of farmers in Power Distribution Companies to solve the issue of load-shedding and power outages (especially in FATA and Baluchistan), marketing channels monitoring at local as well as across the provincial boundaries to curb smuggling and illegal commodity movement. These commodity movements monitoring will also help in establishing Controlled Atmosphere (CA) cold storages in potential areas thus minimizing the post-harvest losses in perishable products. Promotion of farmer start-ups for branding / value addition / marketing of agri. Products through involving private industry and businesses and Agri. Credit facility is insufficient and only targeting few pockets. It should have broader spectrum and offer credit to farmers and small industry on competitive rates. SBP should monitor agri. Credit disbursement across the regions / provinces. Credit facilities should also be available to agri. The Govt. representative agreed in pro of wheat and cotton seed, variety approval system should be monitored on continuous basis and decisions of variety suitability be made as per AEZs and climate conditions, system of Agro-met advisory be tailored to best fit the needs of the farmers rather than following stereo type format and system programs like student internship programs should be strengthened be made integral part of the agri. sector strategy to make graduates future farmers and to bridge extension-farmer gap, subsidy portion of HEIS should not include applicable taxes. These should be calculated separately. The meeting ended with vote of thanks.



## **ORIC's initiative Hybrid Wheat Project GM PTV Haroon Jamali met Director ORIC MNSUAM.**

Newly appointed general manager Pakistan Television Multan paid a fleeting visit to the office of Research Innovation and Commercialization ORIC of MNS University of Agriculture Multan. Prof. Dr. Zulfiqar Ali Director ORIC shared a cohesive

presentation about going on Projects under the umbrella of ORIC. Prof. Dr. Zulfiqar Ali briefed about recent achievements of the University particularly the hybrid wheat project funded by the Australian government in which the team of MNS University of Agricultural Multan Pakistan will tender hybrid wheat cultivation training to farmers of Bangladesh and Africa. Is not it too good to unveil that out of many distinguished Universities internationally MNS University of Agricultural Multan Pakistan got selected to provide hybrid wheat training to the farmer community internationally with sheer technological ideas and advance philosophical hybrid wheat products. As a son of soil Professor Dr. Zulfiqar Ali briefed GM PTV about ongoing social and business entrepreneurship work under OIRC. Haroon Jamali was of the view that University is doing her best to uplift farmer communities and will be a mouthpiece for Agricultural research in South Punjab.



## **Chemical Safety Lab at MNSUAM by CropLife Pakistan.**

CropLife Pakistan is research oriented Agri. friendly organization working for farmers by promoting social and business entrepreneurial skills. Sister organization visited MNS University of Agriculture, Multan. Prof. Dr. Asif Ali (T.I) welcomed the honorable delegation and tendered ongoing activities of the University in particular and research projects engagement in general. Prof. Dr. Asif Ali (T.I) said that Agriculture University is trying her best to nurture the farmer community in South Punjab. Prof. Dr. Zulfiqar Ali welcomed CropLife Pakistan's team. Both sisterly institutions tendered their presentations. Both organizations sent positive feedback to promote agriculture through modernly modern and candidly candid technologies. Prof. Dr. Asif Ali (T.I) Vice-chancellor MNSUAM said that University is one of the lofty institutions in South of Punjab for agriculture development. Public private partnership is need of the hour for betterment of society. These collaborations enable goals, resources, expertise, and risk to be shared. In this scenario, MNSUAM joins hands with CropLife Pakistan for joint

research on different aspects of agriculture. Executive Director CropLife announced to make a chemical safety lab at MNSUAM. It is the first initiative of Academia-Industry Linkages and we at ORIC are pregnant with the hope to have many more in lieu. The worthy VC Prof. Dr. Asif Ali, (TI) Lauded the efforts of private sector engagement at the campus. Dr. Zulfiqar Ali Director ORIC, Dr. Ashfaq Ahmad, and Dr. Abid Hussain were also present on this occasion.



## **International training on “Trans Education First” how freelancing can change the life of Transgender Community during COVID 19.**

MNS University of Education is first in Pakistan to start “Trans Education First Project”. Office of research innovation and commercialization ORIC MNS university of agriculture Multan started Transgender Education under Active Citizenship and Community Engagement Program. ORIC, CBS, RRES Lodhran and TEF Social Action Project team jointly conducted “How Freelancing can change the life of Transgender Community” Transgender community from Multan during COID 19 faced difficult circumstances financially. Students from IT Department conducted SAP training for online earning for vulnerable Transgender community so that they may understand how to earn money online during pandemic. Mr. Munir Ahmad Smart Metering Technical Consultant Scottish Power Scotland United Kingdom participated as key note speaker . Mr. Munir briefed trans community about their rights internationally and emphasized that as a human being we must respect them. Mr. Hafiz Ajmal Naseer Digi skills certified graphic designer briefed transgender community how to be a good freelancer and earn money electronically with respect. Female guest speaker Miss Sidra Naem

marketing gold medalist shared her knowledge about social applications pertaining online earning and use of cell phones in online earning. G.M PTV Haroon Jamali specially participated in the event along with Director ORIC Prof. Dr. Zulfiqar Ali. Haroon Jamali said it is wonderful activity and one must leave no stone unturned to provide basic education to transgender community. PTV Multan made a special documentary on Trans Education First SAP. Dr. Rana M Naeem focal person Active Citizenship and Community Engagement Program said that Transgender are part of our community he further said I wish to have Trans Educational school at MNS University. MNS University is first in Pakistan to start International freelancing training for transgender community.

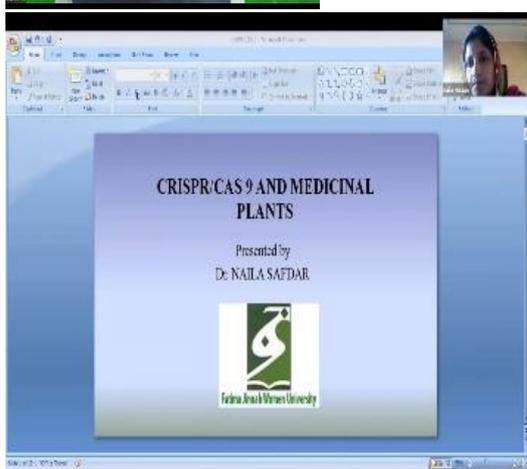
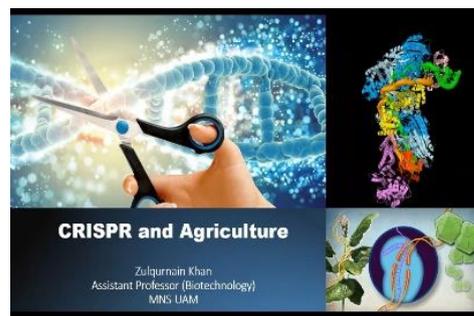


## Webinar “CRISPR-based Genome Editing and its Applications”

ORIC conducted a Webinar on “CRISPR-based Genome Editing and its Applications” to promote Better understanding of genome editing and CRISPR technology. The participants positively analyzed the possibilities and opportunities of CRISPR-based genome editing in Pakistan. Keeping in view, the importance of the cutting edge, emerging technologies such as genome editing, the webinar was decided to encompass the CRISPR-based genome editing and its applications. In the COVID-19 pandemic, conferences and workshops may not be conducted physically. ORIC MNSUAM hosted the virtual dialogue on 8th April 2021. ORIC MNSUAM and FJWU are actively engaged in organizing events addressing

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national issues in agriculture sector. The objective of the webinar was to bring together scientists, research scholars, students, and academicians on a single platform to share and enhance the knowledge about the CRISPR technology. The webinar promoted interdisciplinary dialogues regarding the contemporary issues in agriculture and other life sciences. This event provided the awareness about technological advances in research and development.



**Webinar “Performance & impact of latest Agri-Technologies & ICM gadgetry in Precision Farming and Effective R & D Programs”.**

Office of research innovation and commercialization ORIC MNS university of agriculture Multan organized Webinar “Performance & impact of latest Agri-Technologies & ICM gadgetry in Precision Farming and Effective R & D Programs”. The objective of this activity was to establish collaborative & proactive engagement of academia and industry for successful adoption and local transfer of latest Agriculture technologies and ICM gadgetry. FDP & ORIC MNSUAM’s team arranged short but brief interactive session to explore and discuss potential and impact of innovative technologies for precision & climate smart agriculture in Pakistan. These technologies includes following; On farm real time Weather Station with early warning alerts, Drill and Drop (Enviroscan) for irrigation scheduling, TDR, Digital Insect/Pest Monitoring System, Hand held plant and soil analysis & profiling gadgetries and role of ICT,s and IOT,s integration in agriculture.

## **Inspection of distributed Honey bee hives in Punjab and Sindh:**

Office of research innovation and commercialization ORIC MNS university of agriculture Multan is avidly working for the promotion of social and business entrepreneurial activities at campus and out of campus. University of Agriculture is actively working on honey bee promotion in cooperation with national and international trainers. ORIC MNSUAM provide professional trainings to ignite honey bee hives business within family of farmers and students of University of Agriculture Multan and South Punjab. Honey bee hive promotion is an excellent initiative to bring healthy lives among common public. To enhance capacity building of farmers in the first phase, ORIC MNSUAM distributed triple story hives to 50 farmers from Sindh and Punjab provinces. After the successful distribution of hives concerned faculty member from ORIC started regular visit to have positive hug back from local and farmer community. The whole team of beekeeping project, along with team leader took national and international trainers in loop to solve problems of local community. As a result of visit the team found success rate of beekeeping business more than 90%. There is no iota of doubt it was just because of the hard work of team and great interest of farmers reciprocally. During visit it has been observed that harvesting of honey in single story cause damage of broods. ORIC provided double and triple story honey bees hives which possess double and triple story chambers for storage of honey. During the inspection



## ENTREPRENEURIAL YOUTH Opportunity 2021.

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## Post-Doctoral Fellowships Programme.

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**Post-Doctoral Fellowships Programme**

### Positions for Post-Doctoral Fellowships

King Fahd University of Petroleum & Minerals (KFUPM) is an elite institution of high repute in Saudi Arabia and is the leading engineering university in the region. KFUPM is in search of brilliant postdoctoral fellows with distinguished research performance and record.

**Who Should Apply?**

Excellent PhD degree holders, who have obtained their doctoral degrees within the last 3 years, from well ranked reputable universities in following areas:

- AI, Intelligent Secure Systems
- Intelligent Manufacturing & Robotics
- Communications Systems and Sensing
- Advance Materials
- Membranes and Water Security
- Smart Mobility and Logistics
- Refining & Petrochemicals
- Nanotechnology
- Renewable Energy
- Macro/Micro-Economics
- Business Administration, Management, Finance

Please visit <https://postdoc.kfupm.edu.sa/Required-Postdoc-Competencies.pdf> to learn more about it.

**Benefits:**

- Monthly Salary/Stipend (Negotiable as per credentials of the candidate).
- 30 days paid annual vacation
- On-campus housing or housing allowance of SR 30,000 per year
- Campus medical facility
- Contract duration of 1-year, extendable up to 2-years

**Other Obligations:**

Must teach 1 to 2 courses per academic year in addition to research

**How to Apply?**

Please fill in the form <https://forms.gle/jGFWdMVPfiz36FWq8> as well as send credentials, including a detailed CV (with contact information), scholarly work and publications, degree certificates, etc., via email to [postdoc@kfupm.edu.sa](mailto:postdoc@kfupm.edu.sa). The selection will be conducted on first come first serve basis. Please also visit <https://postdoc.kfupm.edu.sa> for more information.

Higher Education Commission-Pakistan

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**Seeking Global NGO Leaders for Professional Fellowship  
2021 in United States.**

## Virtual Training on "Collaboration among OIC Members Countries for Promotion of Research Culture in Medicines and Vaccines through Strengthening and Upgrading the Clinical Trials"

June 3rd, 2021 | Online

**Target Audience:** This virtual training is open to academicians, scientists, and general public from all the member OIC states.

Main objectives of this virtual training of Representatives of NMRAs from the OIC Member Countries are:

Develop a joint mechanism for research and development

Develop a follow-up and implementation mechanism and propose relevant changes in national laws of member countries

Develop a framework for capacity building, knowledge sharing, and technology transfer mechanism among OIC members' countries

Link for registration and E- certificate:  
<https://forms.gle/B8uoVpbZ4P3u2LnA9>



## WSA Young Innovator

Apply link: <https://wsa-global.org/wsa-young-innovators/>

