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ACTIVITIES KICKSTARTED AT MNSUAM TO CELEBRATE MANGO SEASON-2021

The MNS University of Agriculture, Multan started preparations ahead of the upcoming Mango Season-2021 to celebrate the arrival of the king of fruits and to devise in-time and effective strategies to enhance mango grower's production and profitability. In this regard, a meeting to discuss plans to organize various events was held on June 2, 2021 at the varsity, which was attended by stakeholders from academia, research and farming community. Prof. Dr. Asif Ali, (T.I), Vice Chancellor, informed the participants that the varsity will organize an ambassador conference and Mango Festivals in Islamabad and Multan to improve domestic and export marketing. The Vice Chancellor also informed that quality mangoes under the University's brand name 'Uni Fresh' would be available at the Centaurus Mall, Islamabad from June, 15, 2021.

In another meeting it was agreed that the first mango festival will be organized at the Centaurus Mall, Islamabad from July 1-3, 2021. Ambassadors of different countries would be invited in the festival. The MNSUAM will hold second event at DHA Arena, Multan from July 8-10 in collaboration with MRI and DHA. All COVID SoPs will be followed in true letter and spirit in these events.

An online conference on the topic "Dynamics of Potential Mango Value Chain in Pakistan: Benefits for Exploring New Markets" was jointly organized by the Center for Global & Strategic Studies (CGSS), Islamabad, MNS University of Agriculture, Multan, and Mango Research Institute, Multan on June 17, 2021. The aim of the webinar was to explore new potential markets for mango trade between Pakistan and various countries, discovering new overtures such as post-harvest mango technology, enhancing Pakistan's mango trade and production, and to understand emerging trade-market trends in Central Asia, Asia Pacific and beyond. Diplomats from various countries, Azerbaijan, Bangladesh, Canada, China, Germany, Indonesia, Japan, Malaysia, Oman Russia, Tajikistan, Ukraine, and Uzbekistan participated in the webinar. The session was moderated by Dr. Mubashir Mehdi, Associate Professor, Department of Agri Business and Applied Economics, MNSUAM and was attended by 100 + participants on Zoom and 150 people from across the world watched the conference live on Facebook.

Syed Fakher Imam, the Federal Minister for Food Security & Research, desired that overall improvement in mango production and supply chain is required in our major mango production clusters. He urged to start Mango Breeding and availability of certified and molecularly authenticated nursery. The Honourable Minister also spoke about the scope of value addition and mango product diversification.

Syed Hussain Jahania Gardezi, Provincial Minister for Agriculture Punjab, desired to develop preservation and canning industries, meeting the international hygiene standards.



Prof. Dr. Asif Ali, Vice-Chancellor, MNS University of Agriculture, Multan stated that positive efforts are in progress to upgrade mango exports. He emphasized that supply chain management and marketing with branding and traceability should be the future focus to facilitate growers and exporters. Maj. Tariq Khan, Progressive Mango Growers Association, (Lutfabad Mango Farms Multan) added that our biggest market is the United Kingdom. Nowadays as we are pitching new tariff regimes and our mangoes are being exported to Central Asian countries. Furthermore, our academia is now strong enough to increase the mango shell life to cope up with the sea routes distances.

Prof. Dr. Amanullah Malik Group Leader, Postharvest Research and Training Center, University of Agriculture, Faisalabad delivered a presentation about the postharvest supply chain challenges like maturity assessment, sap management, phytosanitary treatments for market access, packaging and limited shelf life. Mr. Waheed Ahmad, Leading fruit exporter and President of the All Pakistan Fruit and Vegetable Exporters, Importers and Merchants Association (PFVA) said that we aim to achieve the Horticulture Vision by 2030. This includes offering the premium price of 50% for value product and a ban on wooden crates etc.

Mr. Khalid Taimur Akram, Executive Director, CGSS spoke on "Importance of International Mango Trade". Mr. Khalid (CGSS) added that we need to cope up with the post-pandemic challenges. Hence, cooperation and collaboration in scientific, as well as academic domains are essential to sustain Pakistan's trade and progressive graph in future.



MNSUAM'S INEVITABLE ROLE TO COMBAT NON TRADITIONAL SECURITY THREATS IN THE REGION

A briefing was organized at MNSUAM with renowned media houses regarding "Non-Traditional Security Threat and Our Role" on June 3, 2021. Prof. Dr. Asif Ali (T.I) said that the University is trying its best to cope with the upcoming challenges of non-traditional security threats. He added that we need to rationalize the water and land use for food production which is going to be a national as well as an international challenge. He mentioned that the varsity is already working on these issues and has given priority to food and water. The University has a special focus on non-traditional security threats that have become an important part of overall national security agenda, he added. Pakistan is rapidly

running out of fresh water resources for agriculture, which is an essential element to sustaining life. He said that population explosion posed another grave threat to its sustainability. Environmental pollution could be a non-traditional security threat for which University is working as part of Clean and Green Pakistan Program. The MNSUAM is ranked third in International UI Green Metric Ranking as an environmentally friendly organization in Pakistan. The Vice Chancellor remarked that to save our future generations, we need to have a clean environment and control on the population to ensure food security without depleting our natural resources. The audience including several media heads appreciated the research, educational services, and community work of the University and shared good vibes to see MNSUAM as a hub for Agricultural research in South Punjab.



MOU BETWEEN JAFFAR AGRO SERVICES AND MNSUAM

The MNS University of Agriculture, Multan has signed a Memorandum of Understanding (MoU) with Jaffar Agro Services (Pvt.) Ltd. Pakistan on June 8, 2021. In this regard, a ceremony was held in the Committee Room of Admin Block of the University, wherein Prof. Dr. Asif Ali (T.I., Vice Chancellor MNSUAM) and Dr. Maqbool Akhtar (General Manager, Technical and Business Department) affixed their signatures on the agreement. Under this MoU, Jaffar Agro Services and MNSUAM will collaborate in research, development, outreach, and training to promote stewardship, mechanization in agriculture to ensure productivity, quality of harvest and time saving in crop life cycles. Jaffar Agro Services will also offer paid internships to the students of B.Sc. (Hons.) Agriculture. On this occasion, Prof. Dr. Asif Ali said, "We are keen to strengthen our connection with public and private sector stakeholders and to explore new opportunities for academic excellence. We very much appreciate that our industrial partners show strong commitment in both R&D and talent building."





WORLD ENVIRONMENT DAY CELEBRATED AT MNSUAM

The Department of Soil and Environmental Sciences, MNSUAM celebrated the World Environment Day on June 07, 2021, by organizing an international webinar. The objective of this event was to highlight the importance of environment and to discuss possible strategies for mitigating environmental issues especially land degradation and water pollution. The Chief Guest of the webinar was Prof. Dr. Riaz Hussain Qureshi, Former Vice Chancellor, University of Agriculture, Faisalabad, and Prof. Dr. Javed Akhtar, Dean Faculty of Agriculture, UAF and Director, Institute of Soil and Environmental Sciences, UAF was the Guest of Honor. Prof. Dr. Riaz Hussain Qureshi stressed on the protection of environment and suggested some sustainable solutions in this regard. Scientists from Australia, China and Pakistan gave valuable presentations on different environmental issues and their sustainable solutions. Prof. Dr. Asif Ali (T.I), Vice Chancellor, MNSUAM said that it is an established fact that quality of our environment has tremendous impact on our survival, health, food security, economy and prosperity and we are taking bold steps to protect our environment for our future generations.. It is great honor as well as responsibility that Pakistan is the global host for the year for World Environment Day. The keynote speakers were Prof. Ed Barrett Lennard, Murdoch University, Perth, Australia; Dr. Hafiz Muhammad Warris, Chinese Academy of Sciences, Jiujiang, China; and Dr. Mohsin Nawaz, MNS-UAM. Meanwhile, a digital poster and video competition on the theme of WED-2021 "Ecosystem Restoration" was also held among the University's students to sensitize the youth regarding the environmental issues. More than 100 students participated in the competition. Trees were also planted by the Vice Chancellor, Staff and students to mark the event. The event ended with the vote of thanks by Prof. Dr. Taveer Ul Haq, Chairman, Department of Soil and Environmental Sciences, MNSUAM.



ENGRO TO ESTABLISH A LEARNING CENTER WITH MNSUAM

Engro Fertilizers Limited has signed a Memorandum of Cooperation (MoC) with MNS University of Agriculture, Multan, to establish and develop Engro Learning Center at the varsity. Mr. Nadir S. Qureshi, CEO of Engro Fertilizers, and Prof. Dr. Asif Ali, (T.I.) Vice Chancellor, MNSUAM signed an MoC in a virtual ceremony. Under the agreement, the ENGRO will identify and conduct research and development projects involving the academia and students, and support capacity-building of the university's students through internship program. Speaking on the occasion, Prof. Dr. Asif Ali stated that there is a clear need to strengthen academia-industry linkage to commercialize technologies and conduct joint outreach programs for benefit of the farming community. He thanked Engro Fertilizers for their urge to seek advancement in collaboration with academia and stepping forward to promote innovative technologies and playing an active role in the transformation of country's agricultural sector. The CEO said that the Engro Fertilizers is committed to bridging the gap between industry and academia to modernize and transform our agricultural landscape. Engro Learning Center will Insh Allah prove to be a step ahead to enable farmers with knowledge about modern farming practices and technology that will help boost farm productivity and improve the food security of Pakistan. Mr. Amir Iqbal, Chief Commercial Officer of Engro Fertilizers, added that this partnership will enhance the skills of young agrarians and support the development of new technologies to provide sustainable "seed to harvest solutions" to the farmers. Thus, the farmers will be able to grow by improving their profitability and crop output to make Pakistan more food secure.



EDUCATING COTTON FARMERS ABOUT NUTRIENT AND WEED MANAGEMENT

An online seminar on "Nutrient Management and Weed Control in Cotton" was organized by MNSUAM in collaboration with BASF and Engro Fertilizers on June 9, 2021. The objective was to create awareness and sensitize farming community about these important production issues. Prof. Dr. Asif Ali (T.I) said that, we are always trying to contribute towards the betterment of the farming community. Crop nutrition and weeds are important aspects for enhancing cotton yields. Dr. Saghir Ahmad, Director Cotton Research Institute, Multan elaborated different aspects of cotton production including development of climate smart cotton varieties. Dr. Abdul Ghaffar, Chairman, Department of Agronomy

emphasized for the integration of cultural practices that confer a competitive edge to crop on weeds with other control measures. Mr. Asif Ali from Engro Fertilizers discussed the cotton nutrition management program and important considerations in this regard. Mr. Malik Haider from BASF educated the participants about the significance of weed management and chemical weed control options.

10th MEETING OF THE FINANCE AND PLANNING COMMITTEE

The 10th meeting of Finance and Planning Committee (F&PC) of MNS-UAM was held on June 16, 2021. The revised budget estimates for the fiscal year 2020-21, and proposed budget estimates for the year 2021-22 were presented and discussed. The meeting was chaired by MNSUAM Vice Chancellor, Prof. Dr. Asif Ali (T.I); while Ch. Ghulam Nabi (Director Finance, HEC, Islamabad), Mr. Abdul Haye Dasti (MPA), Dr. Ahmad Bilal (Deputy Secretary, Planning, Nominee Secretary Agriculture, Govt. of Punjab), Mr. Shahswar (Nominee of the Secretary Finance, Govt. of Punjab), Prof. (Retd.) Ch. Jamil Anwar (Member), Prof. Dr. Shafqat Saeed (Dean, Faculty of Agriculture and Environmental Sciences), Prof. Dr. Irfan Baig (Dean, Faculty of Social Sciences and Humanities), Mr. Imran Mahmood (Registrar, MNS-UAM), Mr. Muhammad Rafiq Farooqi (Treasurer, MNS-UAM), Mr. Asif Nawaz (Deputy Treasurer, MNS-UAM) and Mr. Shakeel Ahmad (Assistant Treasurer, MNS-UAM) also attended this meeting. The house applauded the faculty for winning 75 competitive grants from national and international funding agencies. Afterwards, members of F&PC visited the constructions sites and experimental farm of MNS-UAM and applauded the efforts of University administration. They admired the pace and quality of ongoing developmental work at MNS-UAM.



WEBINAR ON WORLD FATHER DAY

To mark the World Father Day, an online event was organized by the Directorate of Public Relations and Publication MNSUAM on June 22, 2021. The objective of the day was to recognize the contribution and services of fathers for their children. Mr. Amar Haider Gurr, a motivational speaker from Education University Lahore delivered a talk to offer tribute to all fathers on "Father's Day". He said that a loving father is like a tree with deep shadow The relationship of father is pure from every personal interest, artificial attitude and worldly benefits. Addressing on the occasion, Prof. Dr. Asif Ali (T.I) said that this day is

honoring fathers and celebrating fatherhood, paternal bonds, and the influence of fathers in society. Our religion also teaches us to respect our parents; their blessing shapes every dimension of our lives. He said that parents' training and prayers are the reason that we survive and succeed against hardships of life. He urged the students to respect their parents and prayed for those who have left this world.



PEDAL YOUR WAY - AN INITIATIVE TOWARDS A CLEANER AND GREENER CAMPUS

Mobility is a great challenge for women in Pakistan causing a decreased representation of women in the workforce. To provide university female students with independent, safe and manageable transport, the Accountability Lab and Asia Foundation collaborated to provide them zero-emission vehicles. The Vice Chancellor, MNSUAM has a focus on sustainable development and through the "Pedal Your Way" campaign, the Varsity has helped young female students to gain independence in their mobility within the university by providing environmentally friendly means of transportation. The initiative provided female students of MNSUAM with a convenient, hassle-free, low cost, and environmentally sustainable commuting facility; it will help set examples for independence and freedom of mobility for women; and will contribute to the University's ongoing efforts for a clean and green environment.



YOUTH PEACE INCUBATION TRAINING WORKSHOP

A two-day Youth Peace Incubation Training Workshop was organized at the MNSUAM with an objective to increase the students' awareness and knowledge about fundamental rights such as Expression, Association, Assembly and Thought (REAT), peace building, conflict mapping and resolution, online learning mechanisms, and social entrepreneurship. The agenda for the two day training workshop was developed in consultation with the trainers to keep the workshops interactive, engaging and provide participants with experiential learning. In order to appreciate and encourage students, a certificate was issued to students who attended the workshops. As part of the Youth Peace Incubation Program; the Accountability Lab with support from the Asia Foundation handed over equipment including Computer, Multimedia projector, Printer, scanner, copier, and furniture to the MNS-University of Agriculture, Multan to establish the Incubation Center.



ANNUAL SPORTS OF UNIVERSITY HOSTELS

The Annual Sports of University Hostels was inaugurated by the MNSUAM Vice Chancellor Prof. Dr. Asif Ali (T.I) on June 17, 2021. Male and female students participated in Cricket, Badminton, Luddo, Table Tennis and Chess competitions. The activity was organized by the Office of Students Affairs and Directorate of Sports to provide students a lively and conducive environment, where fresh minds can be groomed within healthy bodies. The activity lasted three days and students celebrated this annual event as social evening with cultural and sufi music, drama performances and much more. The Vice Chancellor appreciated the Students Affairs and Hostel team particularly Dr. Muhammad Shahbaz, Ms. Saima Rasheed. Dr. M. Usman Jamshaid (Senior Tutor) who convened the social festivity in a colorful manner. Prof. Dr. Muhammad Ashfaq (Principal Officer, Students Affairs) inspired the team to make such event as part of hostel life.



NTC TEAM INTERIM VISIT FOR BSC AGRO INDUSTRIAL ENGINEERING AND TECHNOLOGY

A team from National Technology Council visited MNSUAM on June 24, 2021 for the Interim visit of B.Sc. Agro Industrial Engineering Technology Program. The team consisted of Dr. Abdul Aziz Mazhar, Prof. Dr. Allah Bakhsh, and Mr. Fahad Amin. Prof. Dr. Asif Ali (T.I), Vice Chancellor briefed the team about educational programs and research activities at the campus. He said that the University is moving forward as per set targets to provide food security and build knowledge based economy through intellectual and social transformation. The team appreciated the efforts of the university for the development of facilities in a very short time span. The teams showed their satisfaction and confidence in the degree program and the learning environment. The team interacted with the students and faculty members to discuss the possible improvements in future. Dr. Sarfraz Hashim briefed the team about the student project activities in the degree program. He said that the students are being engaged in the project to polish their critical thinking and leadership skills. The team discussed the implementation of outcome-based education and assessment (OBE & OBA) system with faculty.



WORKSHOP ON BIODIVERSITY AND VISIT OF THE GERMAN DELEGATION

The ORIC in collaboration with IPBB and University of Kassel, Germany organized a one-day workshop entitled "Collaborative capacity building for plant biodiversity research and preservation in oasis ecosystems of Pakistan-Biodiversity+" on June 25, 2021. The objective was to train the students so that they can preserve and utilize the biodiversity of plants present in oasis ecosystems of Pakistan. In his opening remarks the MNSUAM Vice Chancellor, Prof. Dr. Asif Ali (T.I) acknowledged DAAD for funding the project for R&D and capacity building on preserving the biodiversity in Cholistan and GB. . He said that the oasis ecosystem of Pakistan is a rich source of many important plants to help mitigate climate change and sustain livelihoods of rural people. Prof. Dr. Andreas Burkert from the University of Kassel elaborated that the Oasis ecosystems of South Punjab and GB, Pakistan is not only rich in plant biodiversity but also it is a rich source of history and culture. He briefed that how plant biodiversity available in Pakistan can be used to ensure food security for the nation. Dr. Sadar Ud Din, Director Bio-resources Conservation Institute, NARC, Islamabad, discussed

the biodiversity and plant genetic resources conservation system of Pakistan. He told that the NARC Islamabad is working hard to conserve the plant biodiversity and has a large collection of various plants. Dr. Abdul Ghafoor, Project Director, Productivity enhancement of Sugarcane, talked about the sustainable utilization of plant genetic resources for food security. He told that the germplasm banks are the rich source of several climate smart genotypes. These genotypes stored in the gene banks can help to ensure food security in changing climate. Dr. M. Kashif Ilyas, Senior Scientific Officer, Bio-resources Conservation Institute, NARC, explained that different ecosystems of Pakistan are the niche of many important plants. They are under the pressure of erosion and there is a need to conserve it. The conservation of these plants can make us food secure in near future. The event ended with thought provoking discussion and interactive question-answer session.

The German delegation from University of Kessel comprising Prof. Dr. Andres Burket, Dr. Martin Wiehle, Dr. Marion Reichabach, Ms. Franziska Lehar and Marelke Koster



met with the MNSUAM Vice Chancellor. Prof. Dr. Asif Ali said that we are already working with universities in Germany on various projects value chain improvement, carbon sequestration, climate smart agri, capacity building for plant biodiversity research & preservation in oasis ecosystems of Pakistan (Biodiversity+). He reiterated that we are keen to strengthen our connections with public and private sectors and to explore new opportunities for academic excellence. He informed that the varsity is striving hard to provide community services through effective outreach programs across Southern Punjab, particularly focusing on facilitating the farming community of this region regarding innovations and technology transfer. Afterwards, the delegation visited the various locations in the Cholistan desert as part of their biodiversity study tour. The core objective was to appraise the plant biodiversity and devise efficient strategies for research on biodiversity conservation and necessary capacity building for this purpose.

DISCOVER YOURSELF





The Graduate Resource Centre in pursuit of capacity building of postgraduate students organized a training session on Know your Boss. Mr. Habib ur Rehman from Sayban Group was the resource person. The training involved the use of DiSC® which is a personal assessment tool used by more than one million people every year to help improve teamwork, communication, and productivity in the workplace. He recommended students to start by improving their communication skills and exploring key strengths, qualities and areas of improvement. Prof. Dr. Asif Ali said that identifying your core values and strengths and their application to an allocated task can bring you success and satisfaction. He thanked the Mr. Habib ur Rehman for such a useful training sessions. At the end, certificates were distributed among the participants.

WEBINAR ON GOOD MANUFACTURING PRACTICES IN MEAT PROCESSING INDUSTRIES

The Department of Food Science and Technology, MNSUAM organized a webinar on June 25, 2021, entitled "Good Manufacturing Practices in Meat Processing Industries". The resource person was Mr. Khurram Shahzad, Quality Assurance Specialist at BRF Middle East. More than 100 participants attended the webinar including under and post graduates students. The resource person explained about good manufacturing practices from raw meat procurement till packaged products and all protocols from entrance of raw material in the industry to operation areas, labs, dining halls, offices. Moreover, he discussed HACCP, TACCP and VACCP food quality control systems in details. A question-answer session was also held at the end. Resource person gave very beneficial advices to participants in order to pursue their career in the Middle East and UAE. The webinar ended with thankful remarks by the focal person of the event, Ms. Nighar Raza, Lecturer, Department of Food Science and Technology, MNSUAM.

You're Invited to Join an Online Session

Good Manufacturing Practices in Meat Processing Industry

Speaker

Mr. Khurram Shahzad
Quality Assurance Specialist,
BRF (Brasil Foods) Middle East,
BRC, FSSCI, Halal, ISO 9001 &
17025 Lead Auditor

Organized by
Dr. Nighat Raza
Lecturer,
Department of Food Science and Technology,
MNS University of Agriculture, Multan

DAY: FRIDAY | JUNE: 25 | TIME: 3 pm

Webinar Link: dfst.mnsuam.tk/meat

Designed by: tpricks.com

MNSUAM WILL TRAIN AGRICULTURE FINANCE OFFICERS OF NATIONAL BANK OF PAKISTAN

A team from National Bank of Pakistan comprising Mr. Saleem Khawaja (Product Development and Institutional Relations Wing), Mr. Tariq Lateef Ansari (Executive Vice President and Agriculture Divisional Head) and Dr. Khurram Shahzad (Product Manager, Rural and Agriculture) visited MNSUAM on June 27, 2021 and met with Prof. Dr. Asif Ali, Vice Chancellor. He informed the delegation that South Punjab has become the heart of agricultural activities in Pakistan, and the University is facilitating the farming community of this region through research innovations and technology transfer. Mr. Tariq Lateef said that the varsity is providing community services through effective outreach programs across South Punjab, particularly focusing on capacity building of the farmers and its achievement are exemplary. He showed his desire for collaboration and requested training of their Agriculture Finance Officers and other staff in areas of irrigation management, high efficiency irrigation systems, bee keeping, hydroponics, tunnel technology, kitchen gardening, fisheries and aquaculture, high density orchards and biofloc system. He emphasized that his staff want to benefit from University's learning experiences and technical resources. Prof. Dr. Asif Ali assured the technical support of MNSUAM for the cause of serving the farming community and strengthening the ties with other organizations.

HOW TO MEASURE QUANTUM OF LAND DEVELOPMENT/VOLUME OF EARTH DISPLACEMENT THROUGH TOPOGRAPHICAL SURVEY TECHNIQUE

The Department of Agricultural Engineering, MNSUAM and Directorate of Agricultural Engineering, Multan Region organized a one-day training session on "How to measure quantum of land development/volume of earth displacement through topographical survey technique". On this occasion, the Chief Guest, Prof. Dr. Asif Ali (T.I), Vice Chancellor, MNSUAM and Engr. Asadullah Rashid (Director Agricultural Engineering, Multan Region) appreciated the initiative and urged the participants to enhance their collaboration to learn new techniques and methods for the betterment of farmer community. Resource persons Mr. Ijaz Gul (OFWM), Mr. Umer Nasir (NESPAK), Dr. Umair Sultan (MNSUAM) and Mr. Malik Saeed (NESPAK) gave training sessions on different types of survey and leveling techniques and their application for contour mapping, cross section of canals and establishment of building components at predetermined levels. They imparted training on different instruments and their usage. They also briefed the audience about simple leveling, differential leveling and fly leveling. The trainers briefed the participants about the possible errors during the leveling procedure and the ways to avoid these mistakes. Furthermore, they explained the methods of contouring which are utilized to carry out at the starting of any engineering project such as road, railway track, canal, dam, and a building etc. They also introduced the participants with updated instruments and methods. They briefly explained the utilization of theodolite, which is able to find both vertical and horizontal angles. This instrument is helpful in field to find different elevations.

INTERNATIONAL WEBINAR ON "GREENHOUSE HORTICULTURE: CURRENT STATUS AND FUTURE PROSPECTS"

The Department of Horticulture, MNSUAM organized an online Webinar on "Greenhouse Horticulture: Current Status and Future Prospects" on June 29, 2021. In his inaugural address, Prof. Dr. Asif Ali (T.I) said that keeping in view Pakistan's geographical location and recent climate change scenario, greenhouse horticulture has become more important than ever. High value crops and their successful husbandry under this system will be the key to future food security. Prof. Dr. Ishtiaq A. Rajwana, Department of Horticulture gave a comprehensive overview of the Horticulture Sector in Pakistan. Prof. Dr. Xiaoming Wei, National Engineering Research Center for Information Technology in Agriculture, P.R. China discussed development and practice on intelligent equipment for greenhouse horticulture in China. Mr. Waheed Ahmad, Patron-in-Chief, All Pakistan Fruit & Vegetable Exporters, Importers and Merchant Association (PFVA) presented the road map titled "Horticulture Vision 2030" to accelerate the scope of horticulture for economic growth of Pakistan, developed by Federation of Pakistan Chamber of Commerce and Industry (FPCCI) and PFVA after conducting provincial consultations with various public and private sector stakeholders all over Pakistan. Dr. Hafiz Nazar Faried, Department of Horticulture, MNSUAM presented the challenges and prospects of soilless farming in South Punjab (Pakistan). Dr. Arshad Mahmood Malik, PMAS-Arid Agriculture University, Rawalpindi discussed the



economic feasibility and profit margins of hydroponic farming in Pakistan. Commercial perspectives of greenhouse horticulture in Pakistan and success stories in this regard were elaborated by Mr. Abdul Rehman Moazzam, General Manager, Banu Mukhtar Farms, Lahore. Prof. Dr. Shafqat Saeed, Dean, Faculty of Agriculture and Environmental Science, MNSUAM presented smart model for pest management in greenhouses and informed the audience about organic products developed and their control spectrum. Dr. Tanveer Ahmad, Chairman, Department of Horticulture, MNSUAM offered vote of thanks to the participants and the resource persons.



COVID VACCINATION FOR FACULTY AND STAFF

On June 3, 2021, the University has achieved a big milestone towards COVID free MNS-UAM family. About 170 faculty and staff of MNS-University of Agriculture, Multan got vaccinated for COVID-19 in one day at Nishtar Medical University, Multan. The arrangements were made by Dr. Unsar Naeem-Ulah through allotting a special desk only for faculty and staff of MNS-UAM. He was supported by the Registrar, the Dean FA&ES, Prof. Dr. Muhammad Ashfaq, Dr. Usman Jamshaid, Transport Office, drivers and three students (Usama Fareed, Talha Arshad and Muhammad Javaid for providing volunteer services at the vaccination center) in the whole process. Special appreciation is due to Health Department for arranging a special counter for MNS-UAM.



VACANT POSTS FOR AGRICULTURAL ENGINEERING DEPARTMENT

Applications are invited for different posts under the 9th batch of Agriculture Linkage program project entitled "Design and Development of Indigenized Compost Windrow Turner for the Enrichment of Soil Nutrients" funded by Pakistan Agricultural Research Council. The details and eligibility criteria is given below.

Name of post	No. of posts	Qualifications	Pay Package	Contract Period
Research Associate	1	B.Sc. Agricultural Engineering/B.Sc. Mechatronic Engineering	Rs. 40,000 per month	Three years
Semi-Skilled staff (Helper)	1	F.Sc. Pre-Engineering/ ICS /DAE Mechanical	Rs. 15,000 per month	Three years

- Application along with copies of C.V., transcripts, two recent photographs, CNIC and other relevant documents should reach in the office of undersigned, Department of Agricultural Engineering, MNS-University of Agriculture, Multan before July 16, 2021.
- MNSUAM reserves the right to change the period of Contract.
- No TA/DA will be admissible for interview.

Dr. Sarfraz Hashim
Principle Investigator