



# NEWS BULLETIN

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COMPLEX, MULTAN-PAKISTAN

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## South Punjab Agricultural Sectoral Plan 2050

A consultative session on Mid-Century Agricultural Sectoral Plan 2050 of South Punjab was organized by the Center for Agriculture Sustainability in South Punjab & Department of Agribusiness and Applied Economics, MNSUAM on March 1, 2022. The agenda of the meeting included the progress overview of the South Punjab Sectoral Plan 2050 to obtain feedback from the stakeholders for quality improvement of the report. The session aimed at exploring the challenges and opportunities for sustainable growth of agriculture in South Punjab. The meeting was chaired by Mr. Saqib Ali Ateel, Secretary Agriculture, South Punjab, and co-chaired by Prof. Dr. Asif Ali (T.I), Vice Chancellor, MNSUAM. The worthy Vice-Chancellor welcomed the participants and explained the current situation and changing dynamics of agriculture in South Punjab. MNSUAM Vice Chancellor, Prof. Dr. Asif Ali (T.I) said that our survival lies in the judicious use of natural resources and sustainable development of agriculture in the region. Mr. Saqib Ali Ateel said that the growing population and deteriorating natural resources such as arable land and water are key challenges of the future. He urged all the stakeholders to chalk out a comprehensive, cost-effective and eco-efficient plan to tackle these issues in a holistic manner. A comprehensive presentation on the present and future landscape of agriculture in South Punjab was presented by Prof. Dr. Muhammad Ashfaq and Prof. Dr. Irfan Ahmad Baig. The participants suggested that poverty can be reduced through interventions for improvement of the agriculture sector. Major challenges in the agriculture of Pakistan are the productivity gap and abrupt weather changes. We should primarily work on these basic issues and set policies keeping in view the aforementioned challenges. The work should also consider the dynamic capacity building of farmers relating to climate adoption. Our focus should be on human resource development, particularly gender mainstreaming in the agriculture sector. Decent work conditions should also be part of the farm work environment. Along with progressive and small commercial farmers, Dr. Avais Tahir, Director PERI, Ali Mohsin Shaheed Gardezi, CEO, Fidak Farms Pvt. Ltd., Prof. Dr. Shafqat Saeed, Dean FAES, Prof. Dr. Zulfiqar Ali, PO ORIC, Dr. M. Abbas, Air University, Prof. Dr. Mubashir Mehdi, Prof. Dr. Asif Yaseen from BZU, Prof. Dr. Nasir Nadeem, Dr. Sami Ullah, Dr. Ali Imran, Dr. Umer Ijaz, Mr. Shoaib Nasir, Mr. Abd-Ur-Rehman, and many others participated in the session.





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## HEC All Pakistan Tug of War championship 2021-22

MNS University of Agriculture Multan organized HEC All Pakistan Tug of War championship 2021-22 at MNSUAM from March 1-2, 2022. In all, 18 Universities from all over Pakistan participated in this mega event. Prof. Dr. Mansoor Akbar Kundi, Vice Chancellor, BZU Multan was the chief guest of inauguration ceremony. The Director Sports Mr. Arqam Iqbal introduced all participating university officials and players. Prof. Dr. Mansoor Akbar Kundi appreciated the efforts of MNSUAM for organizing HEC All Pakistan Tug of War championship 2021-22. The UCP got first position, UoL stood at second position and Lahore Garrison University bagged third position. At the closing ceremony Prof. Dr. Asif Ali (T.I), Vice Chancellor, MNSUAM addressed all winners of the HEC All Pakistan Tug of War championship 2021-22 and appreciated them for their great achievement. He said that here at MNSUAM, we are keen to provide students a lively and conducive environment, where fresh minds can be groomed within healthy bodies. Prof. Dr. Asif Ali (T.I) distributed trophies and cash prizes among the winning teams.





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HEC All Pakistan Tug of War championship 2021-22





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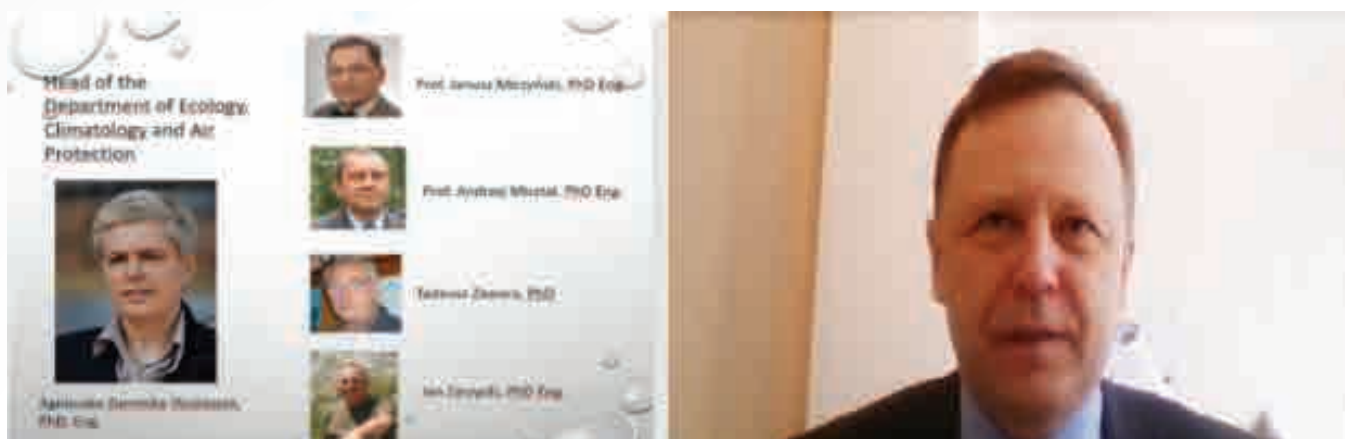
## Webinar on Water-Climate-Agriculture Nexus

An awareness seminar on the relationship between water resources and climate change was organized at MNSUAM on March 1, 2022. Dr. Muhammad Saifullah, Assistant Professor, Department of Agri. Engineering, MNSUAM introduced the guest speakers to the participants. He briefed about the importance of Water-Climate-Agriculture Nexus. Prof. Dr. Asif Ali (T.I), Vice Chancellor, MNSUAM gave the opening remarks and highlighted the importance of Water-Climate-Agriculture Nexus. Prof. Leszkek Książek (Dean, Faculty of Environmental Engineering and Geodesy, University of Agriculture, Krakow, Poland) briefed about his University and research facilities available related to climate smart agriculture. He briefed the audience about natural soil management practices, flood protection and river restoration in





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Poland. Prof Agnieszka Ziarnicka-Wojtaszek (Head Department Ecology, Climatology and Air Protection) shared her findings on ecological bases for engineering. He discussed the impact of climate change on agricultural production. He elaborated different mathematical models forecasting air pollution and its effect on agricultural landscapes. Dr. Andrzej Walega (Department of Sanitary Engineering and Water Management) talked about flood characteristics of different basins of Poland and assessment of peak flow and direct runoff in forested catchments. Dr. Muhammad Saifullah and Dr. Mohsin Nawaz also shared their thoughts on water related challenges in transboundary rivers of Pakistan and their implication for agriculture, climate change trends in Pakistan and their impact on agricultural productivity and sustainability, synthesis and recycling of sustainable aerogel and its utilization for wastewater treatment. Dr. Hafiz Mohkum Hammad (Director External Linkages, MNSUAM) briefed about the agreement for collaboration between MNSUAM and UAK, Poland.

## Plant for Pakistan Campaign

The Plant for Pakistan Campaign was launched at MNSUAM in collaboration with Parks and Horticulture Authority (PHA), Multan. The event was inaugurated by Minister for Agriculture (Punjab), Syed Hussain Jahanian Gardezi. Vice Chancellor, Prof. Dr. Asif Ali (T.I) and Chairman PHA, Mr. Ejaz Hussain Janjua welcomed the honourable guest. A large number of male and female students participated in this activity. Participants took an active part in the tree planting campaign on campus and planted numerous trees to mark the Plantation Campaign. More than 300 saplings were planted at Old Shujaabad Road and Agricultural University Multan under Plant for Pakistan Campaign. On the occasion, Provincial Minister for Agriculture Syed Hussain Jahanian Gardezi said that the clean and green campaign launched three years



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ago has now begun to take effect. He urged that planting trees is not only the Sunnah of the Holy Prophet (PBUH) but also the way forward to overcome adverse effects of climate change. Prof. Dr. Asif Ali said that Plant for Life Society of MNSUAM is committed to Clean and Green Pakistan by planting and irrigating more plants in the current season. Chairman PHA, Mr. Ejaz Hussain Janjua said that PHA Multan is planting trees in Multan and its suburbs on daily basis. He appreciated the tree plantation and other eco-friendly initiatives of the MNSUAM. He expressed his commitment to work with the University for this noble cause.





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## International Women's Day 2022: Break the Bias

The International Women's Day was observed on March 8, 2022 at MNSUAM to celebrate and acknowledge the role and achievements of women. The motive behind observing the day was to honor the women associated with MNSUAM and provide information to the people about women's rights and highlight their importance in the society. At this occasion, the female students of the University pasted sticky notes to pay tribute to popular women of Pakistan. The students also participated in awareness walk and seminar held in this connection. The participants at the events highlighted role of women in social and economic life of the country. Speaking to the participants of the seminar, Prof. Dr. Asif Ali, Vice Chancellor, said that Quaid-e-Azam, Mr. Muhammad Ali Jinnah always presented himself as a modern Muslim leader and had a clear point of view that women could not be confined to their households. He added that today we need to make a promise that we'll honor our women and give them respect they deserve. He acknowledged that women have special working capabilities and they have played a vital role in success story of this institution. He further emphasized on women's role in the development of the country while working side-by-side men in every field and without any fear. Women empowerment is a prerequisite to achieve sustainable development and prosperity in Pakistan, he added further.







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### MNSUAM Signed Agreement of Cooperation with Razbio, UK

MNS University of Agriculture is keen to establish liaisons with national and international organizations having potential for capacity building and holding a strong background of research and development. The University has signed an agreement of cooperation with Razbio Limited Company which is located in Bridgend, Wale, UK. It is a biotech company specializing in the environmentally friendly insect pest control (Biopesticides). Razbio has developed novel production technology for commercial scale biopesticides and bio stimulants production. In this regard, a ceremony was on March 9, 2022, wherein Prof. Dr. Asif Ali (T.I., Vice Chancellor MNSUAM) and Dr. Syed Farooq Shah (CEO, Razbio Limited) affixed their signatures on the agreement. The purpose of this agreement is to establish a framework for cooperation between the MNSUAM and Razbio Limited, within their respective competencies and subject to their respective rules and regulations. On the occasion, Vice Chancellor Prof. Dr. Asif Ali said that bio-fertilizer is an important need of the hour for the current climate and crop needs. Dr. Syed Farooq Shah, CEO of the company, assured full cooperation in this regard and also conducted a preliminary experiment of bio-fertilizer on maize crop at the Agricultural University, Multan. Prof. Dr. Shafqat Saeed, Prof. Dr. Mubashir Mehdi, Dr. Hafiz Mohkam Hammad were present on the occasion.





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### International Conference on Smart Plant Protection-2022

Institute of Plant Protection, MNSUAM organized two-days online conference on March 9-10, 2022. The International Conference on Smart Plant Protection provided insight into innovations and advances in Plant Protection, aiming to protect the plant resources from the invasion and infestation of insect pests, plant pathogens and weeds. The conference provided a collection of innovative ideas and recent research undergone by students, academia and industrialists, world over. Such events provide opportunities for discussions and dialogues between stakeholders like students, scientists, researchers and practitioners including policy makers, business, civil society and farmers. Plants, the only producers at the globe are challenged by insect pests, diseases, competition of weeds and abiotic stresses. The success of crop protection relies on devising good agricultural practices for mitigating these issues. Smart Plant Protection is one of the forums created to gather the intellectuals and advocates of Plant Protection, sharing their finding that would lay foundation for research to benefit farming community. Conference was held under four broad themes viz. Insect pest management, plant disease diagnostics and management, weeds management, and biotechnology for plant protection. Mr. Saqib Ali Ateel, Secretary, Agriculture, South Punjab; Mr. Imtiaz Hussain Warraich, Additional Secretary (General); Dr. Haider Karar, Deputy Secretary (Technical); Prof. Dr. Subba Reddy Palli, Department of Entomology, Agricultural Science Center North, University of Kentucky; Dr. Fatma A. Mostafa, Integrated Pest Management, Plant Pathology Research Institute, Agriculture Research Center, Egypt; Dr. Syed Farooq Shah, CEO Razbio Limited UK, Razbio Innovations, SMC Pvt. Ltd. Pakistan, Dr. Abid Ali, Assistant Professor, Department of Entomology, UAF, Pakistan; Dr. Tom Bourguignon, Assistant Professor, Okinawa Institute of Science and Technology, Japan; Dr. Sukirno, Assistant Professor, Tropical Biology Department, Faculty of Biology, Universitas Gadjah Mada, Indonesia; and Mr. Ghulam Farid, CEO RiseAG spoke in the conference





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In all, 206 abstracts were accepted for publication in Abstract book (Entomology-130, Plant Pathology-64, Weed Science-15, Biotechnology-12). Around 350 participants registered themselves for participation in the Conference. In total, 60 oral talks were delivered from Pakistan, Turkey, Malaysia, China, USA, Japan, India, UK, Indonesia and Saudi Arabia, Egypt, and Australia.

The conference learnings were that under changing climate, artificial intelligence-based systems are necessary for identification, monitoring and management of pests (insects, pathogens, weeds). Conservation of natural enemies and enhanced use for pollinators will be key for smart plant protection. Development of pest prediction models for real time monitoring and optimizing biopesticides formulation are other germane areas needing attention. Mutual consensus was also made upon transgenic-based resistance against pests and need to revisit production technology to synchronize with the effects of climate change. The recommendations of the conference would be presented in local language as Science for Farmers in coming days.

### Third International Conference on Climate Smart Agriculture

The Department of Agronomy, MNSUAM organized an international conference on "Climate Smart Agriculture: The Way towards Ecosystem Restoration" on March 15-16, 2022. The conference was organized in collaboration with Food and Agriculture Organization of United Nations (Green Climate Fund). Distinguished climate change experts from Germany, Italy, USA, UK, Turkey, China, South Korea, Egypt, Lithua-



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nia and all over Pakistan participated in this event. Dr. Fatih Bozdemir (FAO Representative) and Syed Ibne Hussain (Former IG, Railway Police / Member PPSC), were guests of honour in the inauguration ceremony. About 350 participants (scientists, academia, researchers, students, policy makers, agriculture experts, progressive farmers and other stakeholders) across the world had an opportunity to meet and share knowledge and develop community partnerships about climate smart agriculture for a sustainable and secure future.



Prof. Dr. Asif Ali (T.I) gave a comprehensive overview of the conference and thanked all the organizers and sponsors of this conference. He said that research work on climate change is our top priority area and MNSUAM is well aware of the current situation. He added that conference had brought together renowned experts on climate change across globe. Dr. Fatih Bozdemir said that agriculture in Pakistan is facing multiple issues; water scarcity and climate change being the two biggest challenges. He presented efforts undertaken by FAO to upscale climate smart agriculture in Punjab. Ms. Emelda Berejena said that the climate change conference would help the scientists and farmers to develop a strategy to cope up with





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the environmental changes. She gave an overview of case studies and progress of FAO for climate smart agriculture in Pakistan. Prof. Dr. Ashfaq Ahmad (ADPC-Islamabad, Pakistan) hoped that the conference would also pave way for making a better agriculture policy as he presented a methodological framework for assessing the agriculture sector risks and hazards. Risks due to unprecedented climatic changes and weather extremes may increase many folds due to lack of awareness to cope with situations or early warning system to avoid major losses, he laminated. Prof. Dr. Zulfiqar Ali gave an overview of climate smart technologies developed at MNSUAM. Research collaboration, sharing of ideas, knowledge transfer and brain-storming sessions would be beneficial in this regard, he proposed. Dr. Abdul Ghaffar offered vote of thanks.



In addition to inaugural and plenary sessions, six technical sessions under the thematic areas of (i) Climate smart agricultural (CSA) innovations and technologies & Socio-economic perspectives and policy innovations for CSA (ii) Genetic adaptability and water-fertilizer intelligent tools/technologies for climate smart crops varieties under changing climate scenarios (PSF-NSFC Project) (iii) Modeling for climate change & Global warming impacts and mitigation (iv) Ecosystem restoration and provision of ecosystem services



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and biodiversity and (v) Climate smart soil and fertilizer management & food diversification for future food security were also held wherein about 76 scientists presented their work, out of which 21 talks were delivered by international keynote speakers. The event provided a platform to discuss practical innovative solutions for adoption of climate smart agriculture system in Pakistan. It helped discover smart strategies including ICT, support farmers through technology, soil fertility management, water saving techniques, mechanization, precision farming and cropping system diversification to improve productivity of agricultural systems.



The concluding ceremony of the conference was graced by Syed Hussain Jahania Gardezi (Minster for Agriculture, Punjab) as chief guest. Other notables included Ms. Florence Rolle (FAOR, Pakistan) and Mr. Saqib Ali Ateel (Secretary Agriculture, South Punjab). Syed Hussain Jahania Gardezi applauded the efforts of MNSUAM to boost agricultural development in this dynamic region. Mr. Saqib Ali Ateel acknowledged



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the efforts and dedication of MNSUAM for providing a discussion platform with national and international climate change experts at right time. Ms. Florence Rolle said that she is convinced that this gathering is a big opportunity for all stakeholders to share their experiences for fixing the emerging challenges of global climate change and its effects on sustainability of agriculture systems.



Prof. Dr. Irfan Ahmad Baig (Dean, FSS&H) and Mr. Jam Khalid (FAO Representative) presented the recommendations of this conference. It was decided that findings of the conference will also be shared to the farming community in local languages under the umbrella of a seminar entitled "Science for Farmers" as farmers are the main stakeholder. It is believed that this conference provided opportunities for better future planning and adaptation of climate smart agricultural systems.



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Third International Conference on Climate Smart Agriculture







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### Awareness Seminar on E-Commerce and Online Earning Skills

An awareness seminar on E-Commerce and Online Earning Skills was organized by the Rover Scout Unit in collaboration with Extreme Commerce, Business Incubation, and Agriculture Entrepreneurship Center, and the Directorate of IT, MNSUAM on March 17, 2022. The main objective of this seminar was to explore the opportunities for students to use their skills and work as a freelancer. Dr. Gulfam Khan Khalid, Executive Director, Extreme Commerce, and Mr. Maher Mushtaq Hussain, Head Extreme Commerce, Multan Incubator, Mr. Asif, Head Extreme Commerce Rahim Yar Khan Incubator along with their team motivated the students to work online and answered their questions of the students. The Vice Chancellor, Prof. Dr. Asif Ali (T.I) appreciated the efforts of the Rover Scout Unit to develop e-commerce in modern times. In this digital age e-commerce and freelancing can play a vital role in the development of the country. We continue to provide such opportunities to our students so that they can take advantage of it and move forward and this seminar is an important step in this direction, he further added.





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Awareness Seminar on E-Commerce and Online Earning Skills





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### Appointment of Dean, FSS&H

Prof. Dr. Irfan Ahmed Baig (who has served in various capacities at MNSUAM for the last five years) has been appointed as Dean, Faculty of Social Sciences and Humanities by the Chancellor / Governor Punjab on March 14, 2022. The campus community acknowledge his contributions and congratulate him on his appointment as first regular Dean of the University



### Plantation Drive at Jalalpur Pirwala

Plantation Drive was inaugurated at Jalalpur Pirwala Research Farm under the auspices of Plant for Life Society, MNSUAM and Tehsil and District Administration, Multan. More than 5,000 saplings were planted in one go on March 22. Students of MNSUAM, Punjab College, Qadeer Public School, Professor School and College, Higher Secondary School, Scholars College, Jalalpur Pirwala Public School participated in the plantation drive. On this occasion, Prof. Dr. Asif Ali (T.I) emphasized on the usefulness of trees in the context of current climate change. The Chief Guest, Deputy Commissioner Multan Mr. Amir Karim Khan urged the students to take care of the trees and make the Tehsil Jalalpur Pirwala green by planting more and more trees.





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## World Water Day

A one-day training workshop to mark the World Water Day was organized at MNSUAM on March 22, 2022. The event was presided over by the MNSUAM Vice Chancellor, Prof. Dr. Asif Ali (T.I). Addressing the workshop, Prof. Dr. Asif Ali said that modern research and technology must be adopted to meet the anticipated challenges of water scarcity. Stressing on the importance of water, he said that there is a direct link between the productivity, economy and water. Improving it over time is essential for the development of the country. He further informed the participants that MNSUAM has made remarkable progress by successfully reclaiming and cultivating 500 acres of barren land having brackish underground water. Dr. Adnan, Associate Professor, Comsat University said that 60% of fresh water in Pakistan is obtained due to melting of glaciers which is used for irrigation in the country. Dr. Muhammad Ashraf, Assistant Professor, Khawaja Fareed University of Engineering and Technology, briefed the participants on the basic uses of Geographic Information System and Remote sensing by pointing out the glacier waterways and their reservoirs via satellite. At the end of the workshop, Chairman, Department of Agricultural Engineering, Dr. Sarfraz Hashim thanked all the participants and the World Wildlife Fund and said that the water needs of the growing population could be met with better water management. An awareness walk on the importance of water was also conducted after the training in which a large number of students participated with various posters and banners.





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## Pakistan Day Observed with National Fervor

To mark the Pakistan Day, a colorful program was organized by Directorate of Students Affairs at MNSUAM, wherein students presented tableaux, sang national songs and took part in debate competitions. The participants recited Holy Quran and prayed for the prosperity of our motherland. The students warmed the hearts of the audience with their melodious songs. Highlighting the need for coexistence, tolerance and humanity, MNSUAM Vice Chancellor, Prof. Dr. Asif Ali referred to the speech of the Quaid-i-Azam after independence in which he had stressed equal rights to every national of the country. He said: "We have not only to follow the teachings of our Quaid but practically we have to demonstrate it with our actions and deeds." He said it was the need of the hour that every Pakistani should work with same zeal and zest with which the independence of Pakistan was achieved. Director Business Incubation Center Prof. Dr. Mubashir Mehdi said that now after the creation of Pakistan, it is our duty and responsibility to take our country forward without leaving our faith, culture, and identity. We need to remove all differences for peace and harmony, it is high time to get rid of all those ills which divide the nation and affect the national spirit. A large number of faculty members and students attended the event with great enthusiasm and show of loyalty for Pakistan. On the occasion, the Plant for Life Society of MNSUAM and the management of Dream Garden, Multan jointly planted more than 200 saplings.





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## Kissan Dost Mela

MNS University of Agriculture, Multan organized Dunya Kissan Dost Mela in association with Dunya News Group from March 25-27, 2022. The event was inaugurated by Governor, Punjab, Chaudhry Muhammad Sarwar. Three-days event aimed at bringing the farmers, agriculture scientists, academia, and industry on a single platform to understand the challenges and issues faced by the agriculture in Pakistan. The key objectives of the event were to showcase latest innovations and farming techniques in the agriculture sector; to highlight the need of integrating technology into farming practices for greater yields, to enhance the quality of products and services to meet local and international standards, to contribute efficiently to the national development for a better economy and to discuss and highlight the genuine issues of farmers. The event was organized to attract expert resource persons in the field of agricultural investment, banking, agricultural engineering services, plant protection regulatory services, veterinary service, livestock, fish farming, animal breeding, commercial farming and agricultural extension services. The particular feature of this event was farmer oriented seminars (cotton seminar, wheat and pulses seminar, seminar on managing dairy cattle under high input system) which included informative lectures by the renowned subject experts and thought provoking discussion and question answer sessions. An exhibition of colorful flowers was also part of this event. Fakhri Pakistan Dangle, Cultural and Folk Music Show, South Punjab Debate Competition, South Punjab Qirat and Naat Competition, Smart Food Festival, Cholistan Cultural Show, Agriculture and Industrial Exhibition, Book Fair, Camel and Goat Show, and Marathon Race were other key activities held during this mega event.





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Chaudhry Muhammad Sarwar informed the farmers about the support price policy of cotton. He stressed that this initiative would increase the production of cotton and at the same time in the area under cultivation. He also congratulated the MNSUAM and Dunya Group on the successful organization of this mega event. While addressing the audience, Prof. Dr. Asif Ali (T.I), Vice Chancellor, MNSUAM highlighted various initiatives being undertaken to address cotton crises in the province. We are not here for the sheer promotion of academics, but to ensure the translation of theoretical knowledge into practical applications, and most importantly for community service thorough effective outreach programs, he added. Mr. Iftikhar-ul-Hassan thanked all the stakeholders who fully cooperated in making this farmers' fair a success. At the end, the speakers of seminars were presented souvenirs of appreciation.





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Kissan Dost Mela







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## Training Workshop and Consultative Discussion on Management of Crop Nutrition and High Efficiency Irrigation Systems

Department of Soil & Environmental Sciences, MNSUAM in collaboration with Engro Fertilizer Limited, Pakistan organized a training workshop on “Management of crop nutrition and high efficiency irrigation systems” on March 28, 2022. The resource person was Prof. Dr. Munir Jamil Al Rusan, Department of Natural Resources and Environment, Jordan University of Science and Technology, Jordan who is also a consultant to Arab Potash Company, Jordan. He is one of the key crop nutrition experts. The workshop was attended by a large number of farmers, academia, researchers, industry, extension agents and post-graduate as well as undergraduate students. After formal inauguration, Professor Dr. Tanveer ul Haq, Chairman, Department of Soil and Environmental Sciences welcomed all the participants and invited Mr. Asif Ali (Research and Development Lead, Engro). Mr. Asif Ali introduced the guest speaker as well as elaborated the objectives of this workshop. He further mentioned that Pakistani farmers have been practicing flood irrigation as well as indiscriminate use of fertilizers which leads to significant losses of precious resources. He further mentioned the role of Engro in enhancing the water and fertilizer use efficiency.





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Prof. Dr. Munir Jamil Al Rusan gave a comprehensive presentation entitled “Essential Plant Nutrients; Determination of fertilizer requirement”. Professor Munir particularly focused on the losses of nutrients as well as water under the traditional and conventional agricultural practices. He also explained the use of fertigation techniques minimizing the losses. Prof. Dr. Asif Ali (T.I.), Vice Chancellor, MNSUAM addressed the participants and elaborated the need for such workshops. He formally thanked the guest speaker and particularly appreciated the efforts put in by the Department of Soil and Environmental Sciences and Engro in arranging this Workshop. He also introduced different initiatives of MNSUAM in addressing fertilizer and water.



After conclusion of first session, progress was made on hands-on training of different irrigation systems. A visit of field, drip irrigation installment at MNSUAM as well as hydroponics farm of the University was arranged. The participants learnt directly from the resource person as well as other experts of the field who had thorough discussions and gave answers to many of their queries as well as suggested different aspects of fertigation to be considered in Pakistan. After the field trip, the participants gathered again in the seminar room and conclusion session was held in which the participants were awarded with certificates of participation as well as the resource persons were awarded souvenir of appreciation.



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## Training Workshop and Consultative Discussion on Management of Crop Nutrition and High Efficiency Irrigation Systems



## Students Clubs/Societies secured distinctions in Lyallpur Art and Literary Festival organized by University of Agriculture Faisalabad

Students Clubs/Societies working under the Office of the Senior Tutor participated in different competitions held at Lyallpur Art and Literary Festival organized by University of Agriculture, Faisalabad. In this national level event, more than 50 universities across the Pakistan participated in different co-curricular competitions. Students of MNSUAM secured distinctions in six categories. Mr. Abubakar from MNSUAM Media Club, Secured 2nd position in Architecture Photography and 2nd position in Thematic Photography. Mr. Sarfraz and Mr. Taimoor Lashari from Mossigala Beats secured 2nd position in Sufi Singing and Cultural Singing Competition, respectively. Mr. M. Hamza of MNSUAM Arts and Dramatic Society (MADS) secured 2nd position in Stand-up Comedy and Team of MADS won best stage management award in stage theatre category. MNSUAM Vice Chancellor, Prof. Dr. Asif Ali (T.I) appreciated the participating students and acknowledged the efforts of Students Affairs team.



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Students Clubs/Societies secured distinctions in Lyallpur Art and Literary Festival organized by University of Agriculture Faisalabad





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## Meeting of the Academic Council

The 8th meeting of the Academic Council was held on March 31, 2022 under the chairmanship of Vice Chancellor, Prof. Dr. Asif Ali (T.I). Ex-Vice Chancellor, MNSUET, Prof. Dr. Amir Ijaz; Dean, University of Veterinary and Animal Sciences, Lahore, Prof. Dr. Masood Rabbani; Prof. Dr. Allah Bakhsh, Mr. Mohsin Shaheed Gardezi, Mr. Muhammad Bilal, Deputy Secretary Agriculture, Lahore; Miss Sonia Nasir Khan, Women's University Multan, Deans, Controller of Examinations, Professors, and Chairpersons of all teaching Departments and elected members of the Academic Council attended this meeting. A total of 21 different agenda items were presented in the meeting on which all the esteemed members fully expressed their views and gave valuable input. The house gave a nod to the initiation of new postgraduate degree programs, viz. Human Nutrition and Dietetics, Weed Science, Agricultural Economics etc. Agenda items for institution of new undergraduate degree programs in the field of biochemistry, biotechnology, public health, medical laboratory technology, Pharm-D were also discussed and approved with some minor changes. It was agreed to opt outcome based learning for all the newly proposed degree programs. In addition, amendments to the Scheme of Study for various ongoing degree programs were also approved.





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## ADVERTISEMENT FOR THE POST OF RESEARCH ASSOCIATE

Applications are invited for the post of Research Associate under Research Project No. PSF/CRP/Con-sm 488 "Potential Risks of Glacier Lake Outburst Floods under Climate Change along China-Pakistan Economic Corridor (CPEC)" sponsored by Pakistan Science Foundation, Islamabad. The details and eligibility criteria are given below:

Projects	No. of Posts	Eligibility criteria	Salary
Potential Risks of Glacier Lake Outburst Floods under Climate Change along China-Pakistan Economic Corridor (CPEC)	Research Associate (01)	M.Sc/B.Sc. (Hons) Degree in Agricultural Engineering/relevant discipline, (Preference will be given to candidate having research experience in GIS and Remote Sensing.)	The selected candidate will be paid @15000/-p.m. fixed but if she/he is enrolled in M.Phil and Ph.D. programme, she/he will be paid @20,000/- and 25,000/-p.m. fixed respectively. However, he/she will be required to sign a bond for entire duration of the project.

### General Information:

- Applications are invited on plain paper along with copies of C.V., transcripts, two recent photographs, CNIC and other relevant documents should reach in the office of Dr. Muhammad Saifullah, Department of Agricultural Engineering, MNS-University of Agriculture, Multan within 10 days of publication.
- Initially the appointment will be for six month and on the basis of performance, it will be extended for project duration.
- MNSUAM reserves the right to cancel the post at any stage

**Dr. Muhammad Saifullah**  
Principal Investigator  
Department of Agricultural Engineering  
MNSUAM



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## Vacant Post of Studentship

Applications are invited for studentship under Research Project No. 20-16825/NR-PU/R&D/HEC/2021 entitled "Genetic Transformation of Potato (*Solanum tuberosum*) with Ipomoea batatas orange (IbOr) for Enhanced Photosynthesis and Productivity" funded by Higher Education Commission (HEC)".

Candidates will be hired for 06 months of each project year with total duration of 03 years.

The candidates should have the Master's degree in biotechnology and should be enrolled in PhD program offered by MNSUAM. Experience in the relevant field will be given preference.

Name of Post	No. of Posts	Qualifications	Pay Package (per month)
Ph.D Student	1	M.Sc./MS (Hons.) in Biotechnology Currently enrolled in Ph.D program offered by MNSUAM)	Rs. 30,000 per month
Undergraduate Student	1	Currently enrolled in BS with major Biotechnology MNSUAM)	Undergraduate student @ 20000 per month

- Applications along with attested transcripts/certificates, degrees, two recent photographs, CNIC, and other relevant documents should reach in the office of undersigned (Institute of Plant Breeding and Biotechnology) within 10 days of publication.
- Incomplete applications or those received after the due date shall not be entertained in any case.
- The appointment will be on contract basis only for six months of each project year (subject to performance evaluation) during the entire duration of project
- MNSUAM reserves the right to change the period of contract.
- No TA/DA will be admissible for interview.

**Dr. Ummara Waheed**

Assistant Professor/PI

Institute of Plant Breeding and Biotechnology  
MNSUAM