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COMPLEX, MULTAN-PAKISTAN

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Adapting to Salinity in the Southern Indus Basin: Delegation from Australia and ICBA, Dubai

A high level delegation from Australia and International Centre for Biosaline Agriculture (ICBA), Dubai, consisting of Prof. Dr. Edward Barrett-Lennard, Dr. Michael Mitchell and Dr. Asad Sarwar Qureshi visited ASSIB Project Bright Spots in Muzaffargarh and Jalalpur Pirwala, Multan. The international team of scientists visited the ongoing research trials on salinity management in crops and orchards under the ASSIB project. The team also met with the fish farming community in Muzaffargarh and various options were discussed to promote fish and shrimp farming in the area. While talking to the media, Dr. Michael Mitchell said that best part of the story is that people are coming to the farm of Haji Arif and take the ideas of his experiments to another farm and then that farmer receives visitors and those visitors use interventions at their farm and it is spreading, so if this continue to happen, then a lot of areas in Pakistan that are affected with salinity can become productive again. This is not about getting rid of salinity but to living with salinity.





Dr Mitchell emphasized that the project is seeking to counter a long tradition of top-down approaches to research and agricultural extension in Pakistan – implementing an approach that relies on co-generation of knowledge with affected communities for living with salinity. Prof. Dr. Edward Barrett-Lennard added that they are impressed by the quality of research carried out in the challenging time like this. Our team is operating in a multi-disciplinary way, and we are seeing good outcomes on the ground and we are optimistic that we can turn this early success into a long term program and being able to work collaboratively with farmers in the future. The visit was in connection with ASSIB project which aims to develop and investigate adaptation options and strategies with those farming families who are managing and living in salinity affected agricultural landscapes in the southern Indus Basin. In Pakistan, irrigated agriculture adds approximately 15 million tonnes of salt annually to the Indus Basin, with salinity currently affecting over 6.67



million hectares of land across the country. Increased dependence on marginal quality groundwater due to unreliable surface water supplies is accelerating the extent and severity of land salinization. Developing options to improve the productive use of salinity affected lands will improve Pakistan's overall land and water productivity, increase resilience to climate change, and improve the livelihoods of some of the most impoverished farming families. On September 6, 2022, a student's seminar was organized by the Department of Soil and Environmental Sciences at campus, where Dr. Michael Mitchell from the Charles Sturt University, Australia shed light on improving water management using social-ecological systems research, whereas Dr. Edward Barrett-Lennard from Murdoch University, Australia spoke about the salinity management options. Dr. Edward discussed the challenges and opportunities in reclamation and adaptation of saline soils by incorporating the experiencing of Murray-Darling basin of Australia Dr. Asad Sarwar Qureshi



from ICBA, Dubai delivered a comprehensive talk on smart farming for food and nutritional security in marginal environments. Dr. Tanveer-ul-Haq, Chairman, Department of Soil and Environmental Sciences briefed about the successful experiments in Jalalpur Pirwala and Muzaffargarh. Prof. Dr. Shafqat Saeed, Dean, FAES mentioned the steps taken by the university for saline agriculture. MNSUAM Vice Chancellor, Prof. Dr. Asif Ali (T.I) appreciated the collective efforts of multidisciplinary team and emphasized on conducting problem solving research in collaboration with farming community so that they can observe



and compare the impacts of the research or interventions developed through research. He added that MNUSAM has worked with many funding agencies but project funded by ACIAR had revolutionary impacts on the ground. He thanked Australian delegate for visiting MNSUAM. The delegation also visited MNSUAM Labs facilities, Hydroponics and research farms at Multan. The visit ended on September 7, 2022 with a field trip to the progressive mango farm of Mr. Malik Jahanzeb Khan Dharala in Tatay Pur, Multan.

Second Delegation visited MNSUAM from September 17-21, 2022, comprising Dr. Catherine Allan (Professor – Environment and sociology Charles Sturt University, Australia), Dr. Sandra Heaney Mustafa (Senior Lecturer – Canberra University) interacted with community at bright spots of the project.



Creating Hope through Action

An awareness seminar was organized on September 9, 2022 at the eve of International Day for Suicide Prevention by the Hostel Management, Young Students Peace Society, and Public Health Society. Dr Mohsin Abbas Psychologist, Dr Rizwan Mushtaq, Neuro Psychiatrist and Mohammad Zahid Zahoor, Director Roshni Foundation participated as keynote speakers. "Creating hope through action" is the triennial theme for the World Suicide Prevention Day from 2021-2023. This theme is a reminder that there is an alternative to suicide and aims to inspire confidence and enlighten all of us. During the event, it was discussed that there is increasing trend of suicide in the society and its responsible factors and drivers are increasing day by day. The speakers stressed the need to create hope among people and encourage them to celebrate successes. Suicide is not a solution to any problem, the speakers emphasized. Dr. Rizwan reiterated his personal experiences on this occasion and emphasized that we must encourage those people who consider suicide as a solution to escape from the hardships of life. Vice Chancellor, Professor Dr. Asif Ali (T.I), while talking to the seminar urged the students to find more reasons and opportunities to be happy, we should learn to celebrate successes as well as failures because every failure is a prelude to success. Failures also lead to success, as one should learn from failures and develop further strategies to learn from their mistakes. We will have to understand reality, as it could help us make wise decisions, he further added. Later on, in the Friday sermon, societal and Islamic aspects of the suicide were discussed while reviewing this social aspect. The prevention of these factors will have to be adopted in social revolution in Pakistan. Vice Chancellor appreciated the organizers particularly Prof. Dr. Muhammad Ashfaq, Principal Officer Students Affairs, Hall Warden Dr. Mirza Abdul Qayyum, Superintendent Madam Plosha Khanum, Assistant Superintendents, Dr. Shazia, Sidra Jameel and Ms. Misbah Sagheer, and Focal person, Public Health, Dr. Umair Waqas. On this occasion Prof. Dr. Shafqat Saeed, Dr. Unsar Naeemullah, Dr. Usman Jamshed, Dr. Umair, Dr. Farrukh Baig, Dr. Asif Farooq, Engineer Farrukh, Dr. Muhammad Abid and a large number of students were present.



USAID South Punjab Private Sector Engagement Program

A two-days discussion Forum on South Punjab Private Sector Partnership was organized on September 14-15, 2022 by United States Agency for International Development (USAID) in collaboration with Chambers of Commerce and industry of South Punjab and MNS University of Agriculture, Multan to unleash the private sector investment opportunities in key sectors in South Punjab. The Private Sector Forum was designed in collaboration with the USAID; the Chambers of Commerce and Industry in Multan, Sahiwal, Bahawalpur, Rahim Yar Khan, Khanewal, D.G. Khan, Layyah and Vehari; and the Punjab Board of Investment and Trade. The first day of the Forum focused on textiles and agriculture, while the second day focused on energy and technology. Ms. Kanwal Bokarey, USAID Pakistan was the moderator of this forum.



In the inaugural session, Mr. William K. Makaneole, American Consulate General, USAID Mission Director, Prof. Dr. Asif Ali, Vice Chancellor MNSUAM, Khawaja Muhammad Hussain, Chairman Chamber of Commerce Multan, representative of chambers of commerce of South Punjab, Industry representatives and progressive growers were present. On this occasion, William K. Makaneole said that it was his pleasure that he was present there that day in the emerging university of South Punjab which has made a prominent place in a short span of time, and he proclaimed to be happy that day's seminar was conducted at MNSUAM. We all know that South Punjab has immense economic potential. Empowering South Punjab's economy will not only help the local population, but it will also have a positive spillover impact on the Pakistani economy as a whole, he further added.



Syed Naveed Qamar, Federal Minister of Commerce, joined the session online and welcomed private sector investment in the textile sector and stated that the current government is making a policy to facilitate investors in this sector by reducing taxes. On this occasion, USAID Mission Director Mr. Reed Aeschlieman said that Private sector engagement is one of the key priorities for USAID in Pakistan, and we engage with the private sector in multiple ways to address development challenges in the country. The USAID will play its role for the improvement of the textile industry. Pakistan's textile industry is very important for the textile needs of the world and the decline of this industry will affect the whole world.



Syed Hussain Jahanian Gardezi, Minister for Agriculture the Government Punjab was the chief guest of Agriculture sector forum. He said it is the need of the time to develop academia industry linkages for sustainable growth of agriculture in Pakistan. Prof. Dr. Asif Ali apprised the forum regarding challenges and opportunities in agriculture sector in South Punjab. He said that university has developed sectoral plan for the development of agriculture sector in South Punjab. If we want to achieve sustainable growth in agriculture we need to focus on specialization and diversification, vertical expansion and value addition in the agriculture sector. He emphasized on the development of entrepreneurial forums with the collaboration of US-Pakistan diaspora which can provide sustainable business models in South Punjab. Mr. Asif Majeed, Dr. Shafeeq Pitafi, Mr. Mohsin Gardezi, Mr. Ahsan Rasheed, Mr. Mumtaz Khan Manais, Mr. Imtaiz Warraich, Major Tariq Khan, Mr. Asif Hayat Tipu, USAID representatives, Prof. Dr. Shafqat Saeed, Prof. Dr. Mubashir Mehdi and other distinguished guests were participated in this seminar. Syed Hussain Jahanian Gardezi appreciated the USAID initiatives and said that Seven different projects we presented by the industry and growers in this session. Syed Hussain Jahanian Gardezi also inaugurated the Academic Block of the MNSUAM at the end of the discussion forum.





Dr Musadaq Malik, Minister for Energy and Petroleum was the chief guest of energy sector forum and he joined the session online. He explained about energy supply and demand and briefed on various projects. He added that a lot of work needs to be done in the energy sector in Pakistan. Pakistan has very low carbon footprints but is one of the most affected countries due to climate change and reiterated that Pakistan will meet its energy needs soon. Dr. Musadaq Malik showed deep interest to see the development of MNSUAM in Biogas energy project. The importance of technology such as IT based solutions were highly acknowledged by the participants in each sector of Pakistan. It was decided that USAID will provide support to Pakistani business ideas to develop linkages with silicon valley in USA.



Mr. Reed Aeschliman USAID Mission Director said that USAID has been working with the Pakistan government and business community for the last 75 years, and we are working for the linkage development, ideas development, financing, and capacity building of the stakeholders. This engagement forum is organized to mitigate industry concerns regarding renewable energy production and build a consensus between the government, investors, and developers.

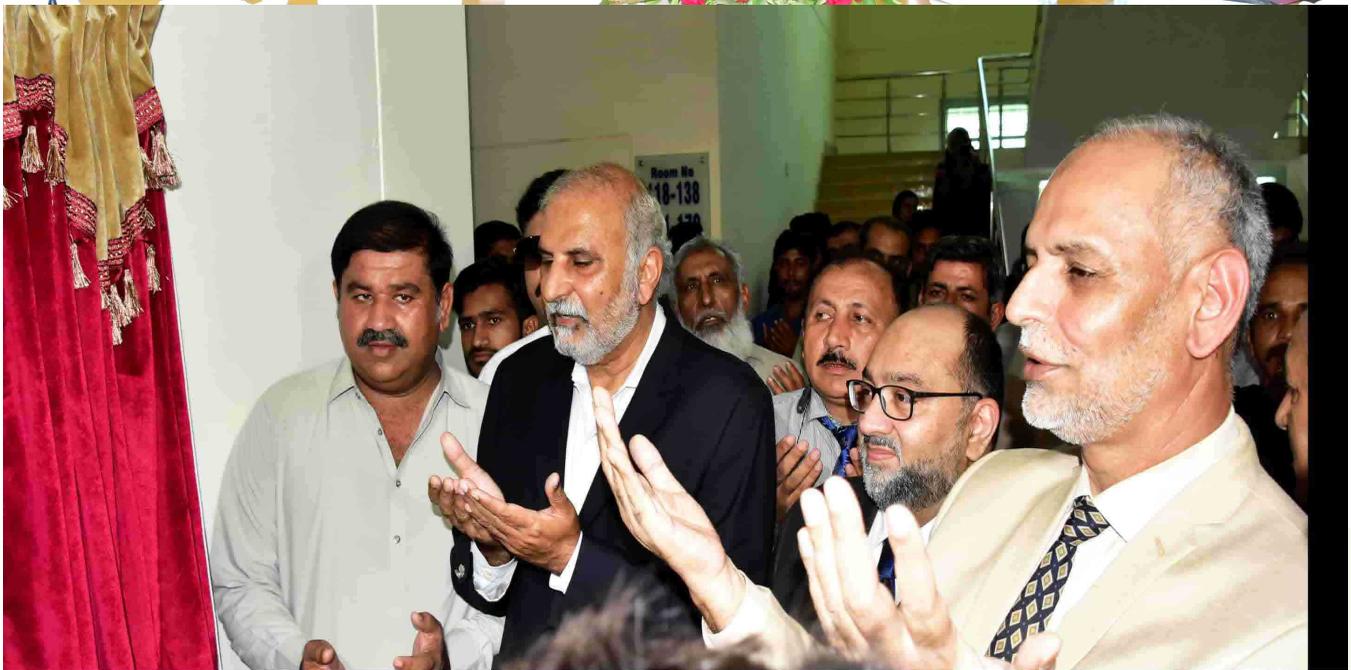


In the end, he thanked the administration of MNS University of Agriculture, Multan for hosting such seminar.





USAID South Punjab Private Sector Engagement Program



Workshop on Stress Management at the World Peace Day

A stress management workshop was organized on September 21, 2022 at the MNS University of Agriculture under the umbrella of Young Students Peace Society, Public Health Society and Directorate of Student Affairs. The guest speaker Dr Imran Shareef is the senior psychologist at DHQ Hospital Muzafarghar, and a well-known motivational speaker as well. The guest speaker made it very clear that depression, anxiety, stress, distorted body image, misery, loss or any major change in our lives may affect our mental and emotional health. Most of the time it is very hard of us to determine that if we are facing depression, anxiety or any other emotional and mental health issue. Furthermore, he elucidated to the audience that we all feel a little work stress. However, if this stress is prolonged over the period of time it may lead to detrimental health problems. The main objective of the workshop was make students aware of the importance of their mental and emotional health. Disturbance in emotional health might cause high blood pressure, ulcers, chest pain and various physical symptoms. The seminar provided students with an opportunity to look into their own strengths and use them to excel in life. At the end, souvenir was presented to Dr Imran. Dr Umair Waqas, Lecturer, Public Health discussed how to combat stress through self-management and what are the key dynamics of self-management for catering stress. At the event, Professor Dr. Shafqat Saeed, Dr. Abdul Razzaq, Dr. Mohsin Khan, Ms. Palosha Khanum and Ms. Misbah Sagheer were also present along with a large number of students and the rest of the faculty members.



MNSUAM and Environment Protection Department Launched Plantation Campaign

On September 18, 2022, Department of Soil and Environmental Sciences, MNSUAM launched a plantation campaign in collaboration with Environment Protection Department (EPD), Multan in which Deputy Director EPD Multan Mr. Misbah-ul-Haq Lodhi was the chief guest. Handing over 1500 plants of neem

and other species to the Chairman of Department of Soil and Environment Prof. Dr. Tanveer-ul-Haq, he said that we are very happy that we are contributing to the green and clean Pakistan vision of MNSUAM. He especially thanked the Vice-Chancellor of MNSUAM, Prof. Dr. Asif Ali (T.I). He added that the environment-friendly efforts of MNSUAM are being appreciated not only in Pakistan but also all over the world. This is the reason that the MNSUAM has been ranked first in Pakistan and 250th worldwide in the UI Green Matrix as sustainable university. On this occasion, Prof. Dr. Tanveer-ul-Haq thanked the EPD and said that MNSUAM always strive to protect the environment and even now, waste water is treated by methods like constructed wetlands and bio-filtration. Projects are underway for composting organic waste and smog-causing crop residues, and clean ground water and improve air quality. Similarly, the Department of Soil and Environmental Sciences has conducted plantation drives not only in spring but also in monsoon and now in autumn. A large number of faculty members and students of the Department participated and planted saplings on this occasion. Finally, prayers were offered for the prosperity and security of Pakistan.



MNSUAM and Environment Protection Department Launched Plantation Campaign



Principles for Ethical Research with Humans

An international seminar on Principles for ethical research with humans was organized by the Department of Agribusiness and Applied Economics on September 21, 2022. It was chaired by Vice Chancellor, Prof. Dr. Asif Ali (T.I). The international guest speaker was Professor Dr. Catherine Allan from Charles Sturt University, Australia. Speaking on this occasion, she said that ethical values are very important in research. Only transparent research can give correct results. She explained that all the research involving human participants should be conducted in accordance with four fundamental ethical principles: respect for persons; beneficence; justice; and respect for communities. The Nuremberg Code of 1947 was the first international code of research ethics. Another early code was the Helsinki Declaration, adopted by the World Medical Association at its meeting in Helsinki, Finland in 1964, she added. She urged that the education in research ethics is essential for all scientists and researchers as it equips them to assess, interpret and apply ethical principles in different situations. Prof. Dr. Asif Ali said that ethical values are very import-



ant in research, especially where the research involves human beings. He further said that ethical values should be in accordance with the customs, rituals and norms of the society and formal permission should be obtained.





Principles for Ethical Research with Humans



Plantation Drive

The Department of Soil and Environmental Sciences, MNSUAM in collaboration with Coca Cola Beverages, District Government and Environment Protection Department Multan initiated a plantation drive on September 22, 2022 in which Commissioner Multan, Engineer Aamir Khattak was the chief guest. On this occasion, he met the MNSUAM Vice Chancellor, Prof. Dr. Asif Ali (T.I) and the higher management of the university and appreciated the environment-friendly efforts of the university. On this occasion, he formally started the plantation campaign by planting trees. While addressing the seminar, he said that plantation campaigns are going on everywhere, but the responsibility with which the MNSUAM has taken care of plants and their maintenance is remarkable and admirable. On the occasion, he thanked all the stakeholders, especially MNSUAM, Coca-Cola, Environment Protection Department Multan, and the students of the university. On this occasion, Vice Chancellor Professor Dr. Asif Ali while appreciating the efforts of the Department of Soil and Environmental Sciences said that the Department has truly taken responsibility for the environmental stewardship. Prof. Dr. Asif Ali said that MNSUAM is the number one environmentally





sustainable University in Pakistan which is an honor. The University's job is not only to make societies aware of climate change, but also to contribute to the country's development by adopting modern research. The Department of Soil and Environmental Sciences is actively organizing various events and providing guidance on the environmental issues. On this occasion, faculty members of the Department of Soil and Environmental Sciences, Mr. Muhammad Nasir from Coca Cola, Muhammad Hameer, Dr. Saima from Women University and a large number of students participated and planted saplings.



Energy Conservation and Plantation Drive under Green Youth Movement Society

Youth is the country's future driving force and has a significant share of Pakistan's population. Training the youth, making them passionate and enthusiastic about prosperous and sustainable Pakistan is the responsibility of the Government and Higher Education Institutes. On the Vision of the Prime Minister, the MNSUAM has established a Green Youth Movement (GYM) society to bring positive energy and encouragement to the country's future workforce. The inaugural ceremony of the GYM was held on September 22, 2022, and Prof. Dr. Asif Ali (T.I.) inaugurated the GYM. He said it's our responsibility to challenge and engage our youth in the right direction. This kind of society plays a vital role in character building, decreasing stress, and engaging students in nation-building. He further added that the MNSUAM always provides diverse platforms to engage students according to their strengths and passion. Dr. Shazia Hanif briefed that GYM has five thematic leads, and MNSUAM has chosen Energy Conservation Drive and Plantation

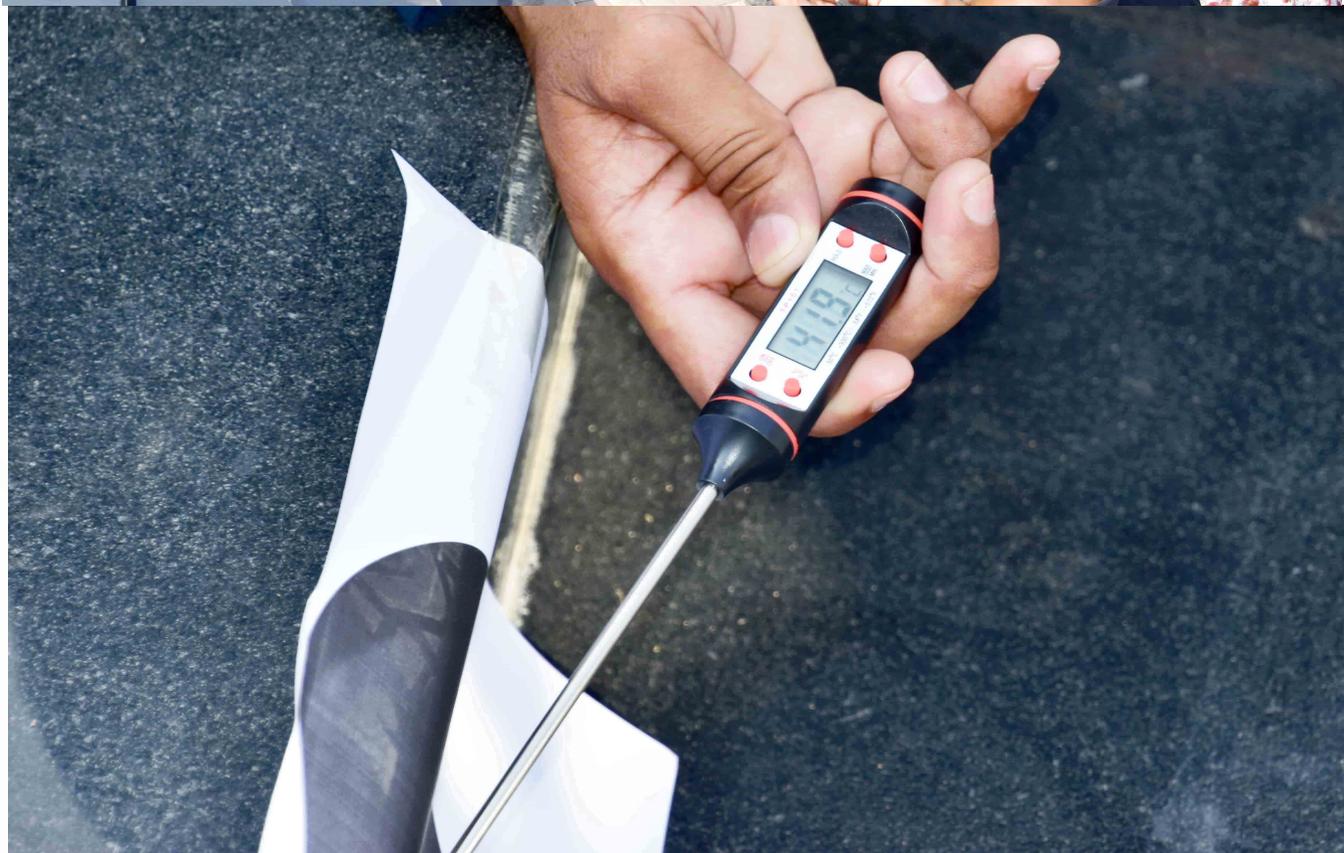




Drive. This society has a highly motivated team, and students govern it under the guidance of faculty. Today the GYM has organized two activities under energy conservation and plantation drive. Under energy conservation activity, Dr. Shazia Hanif, Energy Leader, conducted two activities: utilization of solar thermal and solar PV in agriculture. She briefed that the energy conservation and utilization of clean and green energy is the UN's 7th sustainable development goal. Moreover, we will train our students regarding energy audit, building energy conservation, load calculation, and designing and installing solar systems. These master trainers will conduct awareness seminars in the community. Dr. Muqarrab Ali led the plantation drive, and the students did the plantation. The students took a keen interest in performing activities.



Energy Conservation and Plantation Drive
under Green Youth Movement Society





Energy Conservation and Plantation Drive under Green Youth Movement Society



SINO-PAK Joint Research Laboratory Inauguration

MNS-University of Agriculture Multan is working on cotton research in collaboration with Chinese experts. Development of SINO-PAK Joint Research Laboratory is one of these tremendous efforts. SINO-PAK Joint Research Laboratory was established at MNSUAM in collaboration with Biotechnology Research Institute, Chinese Academy of Agricultural Sciences and Jinghua Seed Industry, China. In this laboratory, research work on cotton, wheat, and soybean is in progress. Beijing Research Institute, China is always at the forefront in this cooperation. A large-scale project is being worked on with them. In this project, validation of crop models and use of climatic data for various regions and farmers of Pakistan and China will be worked on. Jinghua Seed Industry funded a research project entitled "Development and Identification of Cotton Materials for CLCuD Resistance Cotton Breeding". The laboratory was inaugurated by Prof. Dr. Asif Ali, on behalf of Prof. Dr. Khalid Mahmood Khan, President, Pakistan Academy of Science, Islamabad. On September 23, 2022, Jinghua Company has signed a MoU with MNSUAM and BRI, CAAS, China. The focal persons for this MoU are Dr. Zulqurnain Khan from MNSUAM, Mr. Li Huaxin from Junghua Seeds





and Prof. Zhang Rui from BRII, CAAS, China. The vision is to develop virus free cotton varieties and improved seeds for other crops. Representatives of Jinghua Seed Company and members of MNSUAM along with Vice Chancellor, Prof. Dr. Asif Ali (T.I) participated in the inauguration ceremony. The Project Coordinator SINO-PAK Joint Research Program, Dr. Zulqurnain Khan, updated that under this MoU, a cotton breeding station will be established at MNSUAM by Jinghua Seed Company, China. Dr. Umar Akram, Dr. Shoaib ur Rehman and Mr. Furqan Ahmed are working as team members in the project. On this event, Director, IPBB, Prof. Dr. Hammad Nadeem Tahir said that research is the first and foremost priority of this institute. Such laboratories are very important for Master and PhD students where they can work on innovations and China has always been supportive in this regard.



SINO-PAK Joint Research Laboratory Inauguration



Prospects of Kitchen Gardening

MNSUAM in collaboration with Department of Agriculture Extension, Jalalpur Pirwala organized a one day awareness seminar on "Prospects of Kitchen Gardening" on September 27, 2022 at the Govt. Associate Collage Jalalpur Pirwala for 100 participants. The event focused on prospects of kitchen gardening and its promotion through vegetable nursery and seed kits, vegetable nursery supply system, nutrient management for a kitchen garden and significance of "grow healthy, eat healthy". This seminar enabled the students and college staff to understand the benefits of kitchen gardening and techniques of vegetable production at house hold level. Later on healthy seedlings of winter vegetables along with seed kits of winter vegetables were distributed among staff and students for the promotion of kitchen gardening. Prof. Abdul Shakoor Shakir, Principal, Govt. Associate Collage, Jalalpur Pirwala appreciated the efforts of MNSUAM for promotion of clean vegetable production at household level.



Prospects of Kitchen Gardening



MNSUAM Joins Hands with BankIslami for Bike Financing

An Agreement of Cooperation signing ceremony was held between MNSUAM and BankIslami Pvt. Ltd. on September 1, 2022. Under the umbrella of this agreement, employees of the university will be able to get a Honda Atlas motorcycle on easy installments under Islamic banking. Prof. Dr. Asif Ali (T.I), Vice Chancellor on behalf of MNSUAM and Muhammad Shoaib Rizwani (Divisional General Manager) on behalf of BankIslami signed the Agreement of Cooperation. On this occasion, Professor Dr. Asif Ali said that all the resources are being utilized for the welfare of the employees of the university. He further said that the motorcycle given in easy installments under the Islamic Bank will bring convenience to the employees. Muhammad Shoaib Rizwani informed that through bike financing, employees of MNSUAM, be it male or female, can solve their transportation and mobility issue and can purchase bikes or scooty on very afford-



able monthly installments under shariah compliant financing scheme of BankIslami. On this occasion, Jawad Rahman (Corporate Head Multan) from BankIslami, while Kashif Ali Khan (Regional Manager) from Honda Atlas, Muhammad Rafiq Farooqi (Treasurer), Muhammad Asif Nawaz (Additional Treasurer), Dr. Mohkum Hammad, Major Safdar Hussain, Mirza Abdul Qayyum, Azim Afzal and Rana Ali Zia from Agriculture University Multan were present.



Flood Rehabilitation Camp and Allied Activities

MNS Agricultural University organized a weekly flood rehabilitation camp in the flood affected areas of Dera Ghazi Khan. In the second phase, work is being done to restore agriculture in the flood-affected areas. Full guidance is being provided to the flood-affected farmers along with vegetable and crop seeds. Vegetable seeds and saplings were also given for kitchen gardening. A large number of women and children affected by the epidemic were prescribed treatment and received free medicines at the public health camp. Most of the people who came to the camp were suffering from skin diseases and diarrhea,

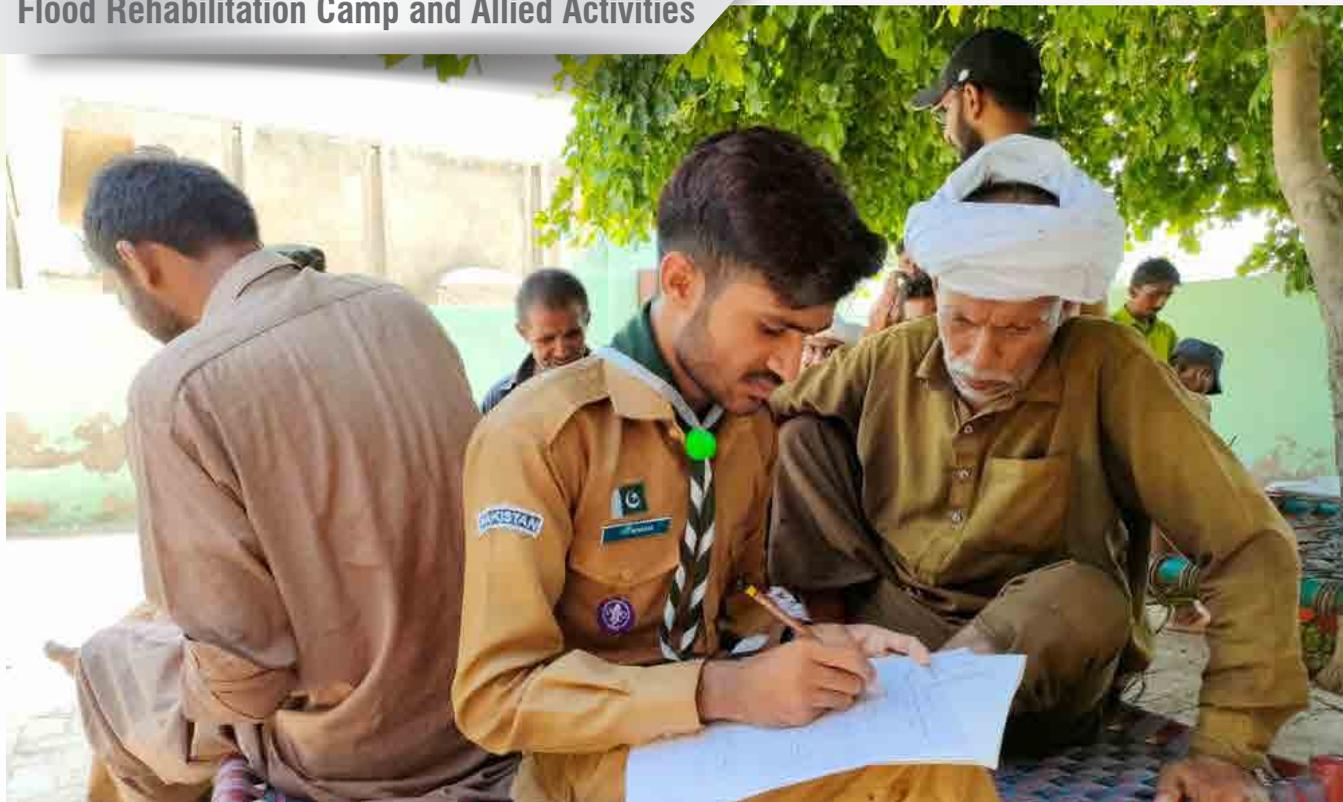
especially the children. Livestock Medical Camp was also organized by the Veterinary Hospital of MNSUAM to tackle flood-spread small animal fever, diarrhea, flatulence, wound worms, acidosis, ring-worm, allergy, indigestion and internal worms in large animals. Treatment was provided and free medicines were distributed. The administrative affairs of the camp were handled by Dr. Tanveer Ahmad, Dr. Usman Jamshed, Dr. Ali Haider, Dr. Umair Waqas, Muhammad Ishtiaq, Dr. Umair Sultan, Dr. Umar Ejaz and the university scouts.



Flood Rehabilitation Camp and Allied Activities



Flood Rehabilitation Camp and Allied Activities



Flood Rehabilitation Camp and Allied Activities





DICE: Agricultural and Food Science Event

DICE-AFS Competitions for new ideas, products and inventions will be organized from October 31-31, 2022 at MNSUAM. The main objective of this event is to give ample opportunity to young entrepreneurs to present their ideas and products to the industry and business community. The DICE Foundation will provide full financial support. Annual DICE Mega Innovation Event is one of the major initiatives of the DICE Program and since 2007 the program is being conducted at various universities across Pakistan. The objective of this event is to foster culture of innovations and entrepreneurship, establish strong relation between industry and academia and possible outcomes include innovations expo and innovations for commercialization. The MANSUM houses the DICE Agriculture and Food Science Office. During the last DICE event at MNSUAM, students from all over the country presented their innovations in areas of agriculture and food science, agribusiness and economics, ICT and computer sciences, engineering, and technology. Prof. Dr. Asif Ali said that MNSUAM is playing a key role in developing an entrepreneurial ecosystem. The event will showcase the business and entrepreneurial ideas of students from various institutions of Pakistan. The event will cover product and services based business plans as well a plant-based food products and related businesses. Another objective will be to inculcate the culture of entrepreneurship and value addition among students' and disseminate innovative business ideas.

The Vice Chancellor of MNS-UAM
invites you to attend the

DICE AGRICULTURE AND
FOOD SCIENCES
INNOVATION EVENT
at
MNS-UNIVERSITY OF AGRICULTURE, MULTAN

October 31, 2022

Chief Guest:
Syed Hussain Jahania Gardezi
(Minister For Agriculture, Punjab)

RSVP: Business Incubation &
Agriculture Entrepreneurship Centre

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Synopsis Defense

Mr. Ali Asad Bahar (2014-uam-93), a Ph.D Scholar of Department of Horticulture will defend his synopsis in hybrid mode on October 18, 2022 (Tuesday) at 11:30 am in the HEC conference room 328, academic building B- block. The title of his synopsis is "Role of Potassium in Productivity and Quality of Capsicum under Soilless Cultivation Systems in Partially Controlled Greenhouse". All interested are invited to attend.



Studentship in Industry Funded Project (Jinghua Seed Industry, China)

Applications are invited for two positions of Studentship for execution of a project entitled “**Development and Identification of Cotton Materials for CLCuD Resistant Cotton Breeding**” at Institute of Plant Breeding and Biotechnology (IPBB), MNS University of Agriculture, Multan on contract basis for 15 months only. Details are given below:

| Name of post | No. of posts | Qualifications | Experience | Pay Package | Period |
|--------------|--------------|--|---------------------------------------|---------------------------|--------------|
| Studentship | (02) | M.Sc. (Hons.) Biotechnology/PBG (Enrolled) | Relevant experience is required | Rs. 10,000/- per month | 15 Months |

The eligibility criteria and TORs are given below;

| Eligibility Criteria | TORs |
|--|--|
| i. Enrolled in MSc (Biotechnology/PBG) ii. Training of basic biotechnology techniques iii. Students will be hired per university policy | 1. Responsible for lab and field experiments 2. Ensure lab SOPs 3. Maintenance of logbook and record of experiment 4. Preparing report of the results 5. Should not hold any scholarship/studentship in project. |

Interested candidates are requested to submit their applications on plain paper addressed to **Dr. Zulqurnain Khan** (PI), Assistant Professor, Institute of Plant Breeding and Biotechnology (IPBB) along with CV, passport size photographs and educational documents in person or through registered post. The university has the right to cancel the appointment without any reason. MNSUAM is an equal opportunity employer for all that is committed to diversity.

Application should reach to the office of undersigned within seven (07) days after the advertisement.


Dr. Zulqurnain Khan



Vacant Positions in Department of Food Science and Technology

Applications are invited for following positions under the 9th batch of Agriculture Linkage Programme project entitled “**Development of fruits value addition business entities: A way forward to women entrepreneurship**” funded by Pakistan Agricultural Research Council. The details and eligibility criteria is given below:

| S/N | Name of Position | No. of Positions | Qualifications | Pay Package |
|-----|--------------------|------------------|---|-------------------------|
| 1 | Research Associate | 2 | BSc. (Hons) Food Science and Technology / Nutrition / Agriculture | Rs. 20,000/Month (each) |

- Applications along with copies of CVs, Transcripts, two recent photographs, CNIC, and other relevant documents should reach in the office of undersigned on or before September 19, 2022 (5:00 PM).
- The appointment will be on contract basis only.
- MNSUAM reserves the right to change the period of contract.
- NO TA/DA will be admissible for interview.

Dr. Afshan Shafi
Lecturer FST
MNS-University of Agriculture Multan



Studentship for HEC Funded NRPU Project# 16814

Applications are invited for one post of MS/M.Phil Studentship under the NRPU Research Project No. **16814** Entitled " **SUPPLY CHAIN MANAGEMENT AND VALUE ADDITION OF JAMAN FRUIT (*Syzigium cumini*)**" funded by Higher Education Commission, Islamabad at MNS-University of Agriculture, Multan on a contract basis for one year (extendable). Details are given below:

| Name of post | No. of Posts | Qualifications | Experience | Pay Package |
|-------------------------------------|--------------|--|---|-------------------|
| MS/MPhil Studentship (Horticulture) | 01 | Enrolled in M.Sc. (Hons.) Agriculture (Horticulture) | Project relevant experience will be preferred | 16000/- per month |

Interested candidates are requested to submit application on plain paper addressed to **Dr. Sami Ullah**, Principal Investigator (PI) / Assistant Professor, Department of Horticulture along with 03 sets of CV, recent passport size photographs, attested copies of CNIC, educational documents and experience letter (if any) etc. in person or through registered post.

Complete applications should reach the office of the undersigned within 15 days of advertisement during office hours.

Dr. Sami Ullah

Assistant Professor/
Principal Investigator (PI)
HEC funded NRPU Project # 16814
Department of Horticulture
MNS University of Agriculture Multan