



SAUNI

NEWSLETTER

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January
to
December
2021



Rural Community Trained at SAU



First Thar Cultural Festival Organized at SAU

Directorate of University Advancement & Financial Assistance
Sindh Agriculture University, Tandojam, Sindh, Pakistan

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SAUNI Newsletter
2021
Sindh Agriculture
University Tandojam

Chief Patron

Dr. Fateh Muhammad Mari
Vice Chancellor

Editor



Dr. M. Ismail Kumbhar

Members



Dr. Abdullah G. Arijo



Gulsher Lochi

Designing **Shahzad Essani**

Photography

Nafees Khowaja
Ghulam Hyder Soomro



Directorate of University Advancement
& Financial Assistance.
Sindh Agriculture University
Tandojam, Sindh Pakistan
www.sau.edu.pk

Vice Chancellor vows to make University a Modern Institute

Dr. Fateh Mohammad Marri has taken over as the 17th Vice Chancellor of Sindh Agricultural University, Tandojam. He was warmly received by the faculty, officers and employees. In his brief speech, the new Vice Chancellor announced to make the university a modern agricultural teaching institution of the country. Deans of different faculties, including Prof. Dr. Qamaruddin Chachar, Dr. Aijaz Ali Khooharo, Dr. Syed Ghiasuddin Shah Rashdi, Dr. Naimatullah Leghari and Dr. Jan Mohammad Marri, Dr. Mansoor Depar, Dr. Aijaz Soomro, Registrar Riasat Ali Kubar, Director Campus Mohammad Ashraf Rustmani, Dr. Imtiaz Nizamani, Dr. Hanif Lakho, Dr. Javed Gadhi, Fahad Koso, Prof. Amin Soomro, Prof. Mujahid Hussain Leghari, Dr. Shahnawaz Marri, Librarian Ghulam Haider Joyo, Asghar Ali Khaskheli, President of Employees Association, Ghulam Rasool Vistro, teaching and administrative heads and others were present on the occasion. Speaking to teachers, officers and employees, the vice chancellors said they have to work together to solve the problems facing the university. He emphasized the need to further strengthen the research process, improve university courses, laboratories and classrooms, and modernize new projects through engaging students and teachers.



Vice Chancellor Visited Various Departments



Vice Chancellor visited Experimental Farms of SAU

Dr. Fateh Muhammad Marri, Vice Chancellor, Sindh Agriculture University, Tandojam said the university will develop new varieties of wheat and cotton in its experimental farms in the near future. There are 45 varieties of mangoes in the university horticulture garden, taking advantage of which, experts are advised to conduct research on new varieties of mango. He said the Sindh Agriculture University (SAU) is committed to conduct research on seeds of different crops, mango, banana and new varieties of vegetables and fruits. He said that scholars have the ability to deal with agricultural problems through modern technology. It has also been decided to provide certified seeds to farmers and disease-free banana plants and seeds will be prepared on their farms. He further said that departments and PhD scholars should intensify research work to provide certified wheat and cotton seeds to farmers. He said that Technical field teams should be formed under the leadership of experts to provide technical facilities for testing water, soil and to solve other agricultural problems of farmers at their fields.



Obituary Rich Tribute Paid to Hashim Leghari

The Vice Chancellor Sindh Agriculture University (SAU) Tando Jam, Dr. Fateh Muhammad Marri, has expressed deep sorrows and grief on the sad demise of Muhammad Hashim Leghari, former Secretary Agriculture. He said that Mr. Leghari was a well-known person of the country. He served the country as an exemplary public servant. He held various positions throughout his life, but as Secretary Agriculture and Registrar of Sindh Agriculture University.



SAU - Dalda to boost up Oil Palm Technology, as MoU Signed

Sindh Agriculture University, Tandojam and Dalda Foods Ltd. revise the MoU. Dr. Fateh Muhammad Marri, Vice Chancellor SAU and Mr. Virender Kumar, Project Manager Agriculture Dalda Foods Ltd., represented their respective organizations to sign the revised MoU on January 21, 2021 to conduct research, development and engage the students to boost up oil palm technology in Sindh Pakistan. The meeting presided by Prof. Dr. Fateh Muhammad Marri, Vice Chancellor, Sindh Agriculture University, Tandojam and attended by Mr. Virender Kumar, Project Manager Agriculture Dalda Foods Ltd., Dr. A.W Gandahi, Focal Person and Professor Department of Soil Sciences, Dr. Mujahid Hussain Laghari, Chairman, High Power Farm Management Committee, Prof. Dr. Muhammad Ismail Kumbhar, Director UA & FA, and Mr. Nasir Memon, Ph.D Scholar conducting his Ph.D research work on Oil Palm Plantation in Sindh. Dr. Fateh Muhammad Marri asked scholars, academia and researcher to conduct research for technology development, commercialization, digital financing for farmers, and develop linkages with stakeholders for the development of Oil Seed Crops in Sindh Pakistan. Mr. Virender Kumar, Project Manager Agriculture, Dalda Foods Ltd. highlighted the achievements of oil palm plantation research site established at Sindh Agriculture University, Tandojam under the MoU signed in 2015. He said the site has successfully conducted research trials on sunflower inter crop with oil palm which resulting in higher yield and better palm plantation growth. Prof. Dr. Muhammad Ismail Kumbhar, Director UA & FA, said that the SAU and Dalda Foundation collaboration attracted the national and international organizations working on Oil Palm Plantation. He further added that the students and farmers may be engaged for technology transfer by conducting field days and seminars together by SAU and Dalda. Mr. Allah Wadhayo Gandahi, Focal Person, Professor Department of Soil Sciences, briefed the outcomes of the project.



Dr. Jan Muhammad Mari appointed as Dean FCPT

Dr. Jan Muhammad Marri, Senior Professor, Faculty of Crop Protection, Sindh Agriculture University Tandojam, has been appointed as Dean Faculty of Crop Protection for the next three years. He has also represented Pakistan in various countries.



Students received Scholarship Cheques

National Endowment Scholarship for Talent (NEST) Cheques distribution ceremony was organized at Sindh Agriculture University Tandojam on January 25, 2021. Dr. Fateh Muhammad Marri, Vice Chancellor SAU Tandojam distributed the cheques among students. Prof. Dr. Muhammad Ismail Kumbhar, Dr. Qamaruddin Jogi and other were present on the occasion.



MoU signed to set up FAO Resource Center at SAU

Sindh Agriculture University (SAU) signed Memorandum of Understanding with Food and Agriculture Organization of the United Nations (UNFAO) on January 26, 2021. Dr. Fateh Muhammad Marri, Vice Chancellor Sindh Agriculture University Tandojam and Ms. Rebeka Bell UNFAO Country Head Pakistan, represented their respective organizations to sign the MoU regarding the establishment of UNFAO Resource Center at Sindh Agriculture University Tandojam. The center aims to promote joint activities for capacity building, knowledge sharing, establishment FAO depository library, linking to FAO

website. Joining the AGORA network, joint framework for technical expertise in agriculture, food security and livestock, networking activities and to undertake joint research studies in land and water resources management, Climate Smart Agriculture, value chain and DRR Practices etc, will be part of the working relations. During the event Prof. Dr. Aijaz Ali Khooharo, Dean FASS, Prof. Dr. Jan Muhammad Marri, Dean FCPT, Prof. Dr. Altaf Ali Siyal, Director ORIC, Mr. Amir Arshad, FAO Assistant Country Head, Mr. Ashfaq Ahmed Nahyoon, Mr. Ali Kumbhar, Mr. Siraj Lashari and others participated in the MoU Signing Ceremony.



Nisar Khuhro Advisor to Chief Minister Sindh, visited SAU



Workshop on Model CCI: Debating Democratic Devolution

Workshop on Model CCI: Debating Democratic Devolution: Debate competition under the banner of Model CCI Simulation Exercise was jointly organized by SAU and Hanns Seidel Foundation Pakistan at Sindh Agriculture University Tandojam on February 17, 2021. Dr. Fateh Muhammad Marri, Vice Chancellor inaugurated the event. The VC appreciated the efforts of Hanns Seidel Foundation Pakistan for choosing SAU for Model CCI, and highlighted that knowledge about Pakistan's political setup, Constitution and debate on topics of national and international interest is vital for students. Certificates were awarded among the participants at Gender Resource Center (GRC), Sindh Agriculture University Tandojam.



Mr. Jami Chandio briefed about Model CCI, said that it is the innovative program for students to learn conflict resolution in federations, which was initiated by a German think tank Hanns Seidel Foundation (HSF) in collaboration with 40 public sector Universities of Pakistan with the formal approval of HEC.

SAU to extend work with Hyderabad Admin

A tripartite Memorandum of Understanding (MoU) was signed between Sindh Agriculture University Tandojam, Hyderabad Municipal Corporation (HMC) and District Administration Hyderabad at the University Senate Hall on February 18, 2021. The MoU was signed by Mr. Ghulam Mohiuddin Qureshi, Registrar SAU, Mr. Safdar Ali Bughio, Administrator Hyderabad Municipal Committee and Mr. Tabraiz Sadiq Mari, Additional Deputy Commissioner-I for technical and collaborative relationship for Park Management of Bhai Daldas Moolchand Park Hussainabad. Vice Chancellor Dr. Fateh Muhammad Marri and Commissioner Hyderabad Muhammad Abbas Baloch also participated in the ceremony.



Standards of Academics, Research Activities Reviewed

Dr. Ishtiaq Rajwana, Chairman, National Agriculture Education Accreditation Council of Higher Education Commission and Dr. Amjad and Dr. Abdul Ghaffar, members of the team visited various departments of the Shaheed Zulfiqar Ali Bhutto Agricultural College Dokri, an affiliated College of Sindh Agriculture University (SAU). They checked the standards of academics and research activities and available facilities and reviewed classrooms, laboratories and fields. They also got briefing from Dr. Allah Wadhayo Gandahi, Principal about different facilities and issues related to the college. The team reviewed the ongoing seven degree programs in the college. Sultan Ahmed Maitlo, Abdul Hameed Memon, Ghulam Nabi Soho and others were also present. Prof. Ishtiaq Rajwana said that a detailed report of the college will be shared with Dr. Fateh Marri, Vice Chancellor SAU.



KBL, SAU discuss on Job Prospects

Khushali Bank Ltd, (KBL) delegates visited the Sindh Agriculture University Tandojam, aiming to discuss Career Counseling, Job fair, job placement and internship programs for SAU students. Dr. Fateh Muhammad Marri, Vice Chancellor presided the meeting, in which all faculty Deans and Directors participated. KBL delegates include Syed Aamir Shah, Human Resource and Business Head Southern Region Pakistan and Mr. Bhart Kumar Regional Manager KBL.



Workshop on Mushroom Tissue Culture Technology

Five-day workshop on Mushrooms tissue culture, spawn production and cultivation Technology held on March 6, 2021 jointly organized by SZABAC DOKRI and Pakistan Museum of Natural History Islamabad. Dr. Fateh Muhammad Marri said that this food is ideal for maintaining need of nutrition and also a good source for decomposition of agricultural wastes like wheat and rice straw, sugarcane leaves, banana leaves etc. Vice Chancellor stressed the need to introduce new technologies in the college as this area is famous for rice,



wheat and fruits production. Dr. Marri appreciated the efforts taken by the newly appointed Principal Dr. A.W Gandahi and Dr. Ismail Bhatti Mycologist and the resource person of the training. In the last the participants of training received certificates from the Chief Guest. The closing ceremony was also addressed by Principal Dr. AW Gandhi, while Dean Dr. Qamaruddin Chachar, Dr. Aijaz Ahmed Khooharo, Dr. Jan Mohammad Marri and Principal Khairpur College of Agricultural Engineering and Technology Dr. Mohammad Ibrahim Keerio also attended.

Popular Lecture Series - Interaction with Students

The Vice Chancellors of the country's leading universities have recommended students of Sindh Agriculture University to take part in modern education and research. They said that instead of setting an example for other countries, new ideas and suggestions should be developed to compete with them. They were speaking at the 'Popular lecture – Interaction with Students' at SAU Tandojam on March 8, 2021. Dr Muhammad Ali, Vice Chancellor of Quaid-e-Azam University Islamabad, said the youth of Sindh have a great potential, but they have to get out of the feeling of deprivation before expressing themselves. "Buildings and laboratories are not institutions, but teachers, researchers, scholars and students are, in fact, institutions," he said. He emphasized the need to set priorities. When we start researching new ideas and goals, the destination is not far away. Dr. Zia-ul-Qayoom, Vice Chancellor, Allama Iqbal Open

University, Islamabad said that the world is on the way of technology and now digitalization, so innovation in agriculture must be adapted. He said that new research on food security, climate change and focus on crop patterns, satellite GIC system, value addition, new varieties and international marketing is required. Because agriculture is the backbone of the country's economy. Dr. Fateh Marri, Vice Chancellor, Sindh Agriculture University, said that it is an honor for us that the Vice Chancellors and Professors of the two top universities of the country are present among our students and faculty. He encouraged students to take advantage of their experiences, they should continue their research activities. He said that the graduates of the university are our future and from them scientists, experts, teachers and leaders will born. Therefore, they should carry on research in accordance with the requirements and regulations of modern research.



SAU, HANDS observe International Women's Day

Equal rights for women praised

International Women's Day 2021 was observed at Sindh Agriculture University Tandojam on March 9, 2021 jointly organized by Health and Nutrition Development Society (HANDS) and Sindh Agriculture University Tandojam. Dr. Fateh Murree, Vice Chancellor, Sindh Agriculture University, Tandojam said that women have a vital role to play in the development of



agriculture and they have to take the lead in all fields to ensure equal rights for women. Addressing a seminar organized by Sindh Agriculture University Tandojam on the occasion of International Women's Day with the support of social organization Hands, Fateh Muhammad Marri, Vice Chancellor, said that women work hard in the field of agriculture "Women have a vital role to play in all aspects of Sindh, from planting crops to harvesting," He added that in the admission policy for the education of Sindh Agriculture University Tandojam girls, 40 seats have been reserved for ladies quota without merit. That the students of Sindh should be encouraged to pursue education in agriculture. If the students are enrolled in the Agriculture University, the university will provide them with special scholarship opportunities. Speaking on the occasion, the social leader Dr. Iqra Rajput said that in modern times women are not given their rights. Dr. Muhammad Ismail Kanbhar, Professor of Sindh Agriculture University said that in order to empower women, they should be provided opportunities for education and vocational training. She said that the proposals presented at the seminars on International Women's Day should be incorporated in the policy of the government to enable better legislation for women's rights. Dr. Rachel and others addressed. Prof. Dr. Fateh Muhammad Marri, Vice Chancellor SAU, lit candles in front of portraits of role model women of the world. Dean of Faculty of Social Sciences Dr. Aijaz A. Khooharo, Director Student Affairs Dr. Qamaruddin Jogi and others were also present on the occasion.



SAU-ITC Students Develop Software, Models & Apps

An exhibition of Software, Models and Apps developed by final year students of Information Technology Center held at the Sindh Agriculture University (SAU) on March 9, 2021. A large number of students, teachers and IT experts participated. The exhibition was inaugurated by the Vice Chancellor Dr. Fateh Muhammad Marri. He visited different stalls and the students briefed him about their projects. Addressing the inaugural event, the VC said that no sector can be developed without IT. Now IT does not only mean computer but also the important in all fields, including medical, engineering, livestock, business, marketing and agriculture sector. He said that information technology plays an important role in various fields including climate smart agriculture, plant monitoring, animal health and environment. He realized that the Sindh Agriculture University is facing financial problems. "We are trying to solve this problem so that the students can get better educational and knowledge facilities." Director Information Technology Center Mansoor Haider Debar, Dr. Mir Sajjad Talpur, Dr. Muhammad Yaqoob Koondhar and others lauded the student projects, in which they had developed apps and software related to health, agriculture and machine learning, mobile applications. Deans Dr. Qamaruddin Chachar, Dr. Aijaz Ahmed Khooharo, Dr. Naimatullah Leghari, Dr. Syed Ghiasuddin Shah Rashdi, Dr. Jan Muhammad Marri, Registrar Ghulam Mohiuddin Qureshi and various faculty teachers and students were present.



Various Ph.D Scholar's Seminars Conducted

Ph.D Scholar Mola Bakhsh Pirzado Department of Agriculture Economics delivered his Seminar on March 11, 2021. Entitled "Causes of Agricultural land conservation and its impacts on local population: A case study of Hyderabad District, Sindh Province of Pakistan"



Ph.D Scholar Suhail Ahmed Talpur Department of Entomology, delivered his Seminar on February 9, 2021. Entitled Faunistic study of leaf beetles (Coleopter Chrysomelidae) of Pakistan

Ph.D Scholar Ghulam Mujtaba Lakho Department of Entomology, delivered his Seminar on January 19, 2021. Entitled: "Taxonomy and Regional Distribution of ants (Hymenoptera. Formicidae of Pakistan"

Ph.D Scholar Ms. Bina Khanzada Deptment of Entomology, delivered her Seminar on January 20, 2021. Entitled: "Potential of Parasitoid for population management of stem borer, *Chilo infuscatellus* (Snellen) in sugarcane"

SAU, NBP heads call for Strengthening Cooperation

Delegates of National Bank of Pakistan (NBP) visited SAU on March 11, 2021 and had a meeting with Dr. Fateh Muhammad Marri, Vice Chancellor SAU. The purpose of the meeting was to explore mutual areas of cooperation and strengthen collaboration between NBP and Sindh Agriculture University Tandojam. Dr. Fateh Muhammad Marri, Vice Chancellor, Mr. Saleem Khuwaja, Senior Vice President, NBP, Mr. Khuram Shahzad, Product Manager Rural and Agriculture, NBP, Mr. Girdari Lal VP, Regional Executive Business, NBP Prof. Dr. Qamaruddin Chachar, Prof. Dr. Altaf A Siyal and Prof. Dr. Ghiasuddin Shah attended the meeting.



Toyota Yaris Test Drive Campaign held at SAU

One day Toyota Yaris vehicle Test Drive Campaign was held at Sindh Agriculture University Tandojam on March 11 2021, organized by Toyota Point Motors. in order to facilitate faculty and students for pleasure drive of vehicle with discounted services. Representatives from Toyota company Syed Nayab Zehra Shah Sales and Marketing Coordinator and Mr. Sajjad briefed about the Toyota Yaris features to Test Drivers.




SAU Participates in Sindh Livestock Expo

Sindh Agriculture University participated in the Mega Event Sindh Livestock Expo-2021, the second edition, organized on March 13-15, 2021, by the provincial livestock department in collaboration with Departments of Information, Tourism, Agriculture, Sports and Youth Affairs. The event attracted various livestock breeders, who participated their breeds and shared characteristics of animals, feed and productivity, which may benefit to the national economy. Engineer Abdul Bari Pitafi, Minister Livestock & Fisheries with his team led the event and entertained breeders and visitors. Dr. Fateh Mari, Vice Chancellor, SAU presided the session while Consul General of Thailand at Karachi Tharee Chauvachatta, livestock secretary Qazi Aijaz Mahesar, Director General of Tourism Aleem Lashari, Karachi Dairy Farmers Association general secretary Mohammad Mukhtar, farmers' representative Shakir Umar Gujjar and owner of the largest buffalo farm in Sindh Jameel Memon and a large number of farmers, and students were present on the occasion.



Blood Donation Awareness Seminar


Blood donation awareness seminar and campaign was jointly organized by Regional Blood Center Jamshoro, Sindh Agricultural University in Tandojam and Rotary Club Qasimabad Hyderabad on March 16, 2021. Prof. Dr. Fateh Muhammad Marri, Vice Chancellor, SAU presided the event while Col. Dr. Khalid Nadeem, Head of Department RBC, Dr. Waheed Soomro, Deputy Manager, RBC, Prof. Suresh Kumar Wadhvani, Rotary Club Qasimabad, Dr. Mohsin Khatri, Dr. Sarang Mustafa and Mr. Isaac S. Rafiq spoke on the occasion and highlighted the importance and benefits of Blood Donation.


Rotary  Rotary Opens Opportunities


BLOOD DONATION CAMP


Tuesday 16th March, 2021
At Sindh Agriculture University, Tandojam

Jointly organized by:

 HEALTH DEPARTMENT GOVERNMENT OF SINDH

 ROTARY CLUB Hyderabad Qasimabad

 RBC

 **Event Chair**
PP Suresh Kumar Wadhvani
0334-2624879



Conference of Seed Production Development Centre

High level Coordination Committee Conference of Seed Production and Development Centre (SPDC) was held at Sindh Agriculture University (SAU) Tandojam on March 16, 2021. Large number of agricultural Experts, researcher, seed-related public and private institutions, Farmers organizations, Seed Breeders and other stakeholders attended the Conference. Professor Dr. Fateh Mari, Vice Chancellor SAU presided the event, Dr. Zulfiqar Yousfani, Sain Mehmood Nawaz Shah, Mr. Mujahid Hussain Laghari, Mr Tarique Khanzado, Mr Yousuf Rajper, Mr. Muhammad Fahad, Dr Zahoor Soomro, Mr. Manzoor Khuhro and others spoke on the Occasion. The event participated by Waderi Nazo Dharejo, Liaquat Ali Bhutto, Taha Memon, Imran Ali Bozdar, M. Aslam Mari, Miss. Sarah Bano, Prof. Dr. Shahnawaz Marri, Dr. Muhammad Ibrahim Khaskheli, Muhammad Umar Bhughio, Mohammad Saleh Baghio, University teachers, agricultural experts and other stakeholder.



Need urged to promote agri business values

A joint meeting between Sindh Agriculture University (SAU) and Sindh Irrigation Drainage Authority (SIDA) was held on March 18, 2021, presided by Dr. Fateh Muhammad Marri, Vice Chancellor SAU. The participants focused on the need to promote business values of agriculture in Sindh. It was observed that farmers are not paying attention to agricultural exports and small scale industries. Dr. Fateh Marri in his brief speech said that the university graduates are serving in various institutions, both public and private sectors, including banks. They are involved in research on exports, farmer training, producing new varieties of crops seeds, and advanced breeds of cattle. He said they have signed MoUs with various institutions for scholarships, internships and employment opportunities for students. Abdul Basit Soomro, Chairman, SIDA, said that the best research work is being done in the University, but instead of traditional agricultural farming, modern agricultural technology has to be popularized and attention has to be paid to agricultural development. "Our graduates have to promote their business approach, they have to give up thinking about government job", he said. Left Bank Canal Area Water Board Chairman Qabool Mohammad Khatian said that the farmers of Sindh province have lack of innovation in agricultural production and export of their agriculture products.



He said that better production and marketing of agro-crops, fruits and vegetables in Punjab has got the status of an industry and they are working closely with many farming companies to export agricultural products. He said that students here in Sindh should take loans from Small and Medium Enterprises Development Authority (SMEDA) to do business. Prof Dr. Muhammad Ismail Kumbhar said that students were working on the basis of modern principles in laboratories and research field. Khurram Aziz Sheikh, Secretary, SIDA Board, Taj Muhammad Dahri, Member, SIDA Board, Pervez Babhan, Transition Manager, Dr. Aijaz Khooharo, Hizbullah Mangrio and Others were present.

Bamboo Nursery Inaugurated at SAU

Dr. Fateh Muhammad Marri, Vice Chancellor Sindh Agriculture University Tandojam inaugurated the Bamboo nursery in the campus on March 18, 2021. Vice Chancellor said that in the past, houses were conceptualized with bamboo sticks, even in this period everyone needed a place to live. Dr. Aijaz Soomro, Chairman Agronomy Department said the bamboo crop is widely cultivated in various areas of Punjab, which is being sold by the farmers. While the farmers here in Sindh should also be encouraged for the bamboo cultivation in the coming days. He said that the bamboo crop will be ready after the four years and every other year thereafter, the plant will benefit the university financially. Dr. Qamaruddin Chachar, Dr. Pir Ahmed Naqi Shah and others were present on the occasion.



Mini Urban Forest launched at SAU

Mini Urban Forest has been inaugurated at Sindh Agriculture University (SAU) on March 22 2021, by Vice Chancellor Dr. Fateh Muhammad Marri, AIG Police Jamil Ahmed, Local Political Leader Rawal Sharjeel Memon and Assistant Commissioner Taluka Hyderabad Qandeel Fatima Memon. It is the joint cooperation of the University and administration of Taluka Hyderabad Rural. The aim of developing urban forest is to provide access to the local people, including families and children to come at the evening and enjoy their free times. Addressing the inaugural event, the Vice Chancellor said that public entertainment places are decreasing day by day. The establishment of Mini Urban Forest at the Sindh Agricultural University is a great initiative for providing the healthy environment to the public, he said. Dr. Marri said that besides academic and research in Sindh Agriculture University, various opportunities have been provided to the farmers and people of the country, which would not only help in the development of agriculture in Sindh, but also provide recreational opportunities to the common people. This urban forest will be a symbol of

prosperity, he attached the hope. Mr. Rawal Sharjeel Memon said that the Sindh government is taking steps for the promotion of forests, each institution should play its own role in this regard. He said newly established Mini Urban Forest at Sindh Agriculture University, will not only enhance the beautification of the university, but will provide the entertainment to the local peoples. Mr. Jameel Ahmed, AIG Hyderabad said that this part of Sindh is very fertile and beautiful. We should come forward for the promotion of beauty, he said. Assistant Commissioner Hyderabad Qandeel Fatima Memon said "looking at the beauty of these trees during my visit to the University; I thought that there should be a mini urban forest, where students and local families can have a healthy environment". She expressed the thanks that her proposal was accepted by the Vice Chancellor SAU and today this dream came true. The guests also planted tree saplings in the forest area. Dr. Naimatullah Leghari, Dr. Jan Muhammad Marri, Prof. Muhammad Ismail Kumbhar, Shahjahan Panhwar and others were also present on the occasion.



World Water Day observed at SAU

Call for conserving water resources

International World Water Day 2021 was jointly organized by Sindh Agricultural University and Research & Development Foundation (RDF) on March 24, 2021 in collaboration with WHH. Dr. Fateh Muhammad Mari, Vice Chancellor SAU addressing the seminarsaid that water must be included in the social values. This is a very sad situation when innocent children are seen in Kachho, Kohistan, Thar and other arid areas asking passerby people for water. “We have to accept ownership of our water resources, we have to do justice with the proper use of water,” he said. He said that small reservoirs are needed to conserve water, which can also save flood and rain water. Mr. Ashfaq Soomro, Executive Director RDF said that most of the districts of Sindh have contaminated water. In this regard, he gave examples of Sanghar, Umerkot, Mirpurkhas and Thatta districts, where people are facing

hardships to have potable water. He asked the Vice Chancellor of the Agricultural University to encourage students to conduct research and find solutions. Dr. Altaf Ali Siyal said that due to unavailability of fresh water, coastal areas of Sindh are getting salty water. He gave example that in Sujawal district around 88 per cent of the water is toxic and unfit for drinking. Ghulam Mustafa Ujjan, an engineer at Environment Specialist at SIAPEP, said that the future could lead to many problems in terms of water. Dr. Muhammad Ismail Kambhar, Dr. Tahmina Mustafa Nagraj, Dr. Anila, Dr. Amber Leghari, Sarwan Baloch, Mr. Shaukat Abro, Mr. Mustafa Ujjan, Dr. Aneela Memon, Mr. Parvez Bhanbhan and others also spoke on the occasion. A large number of farmers, students, faculty and civil society representatives attended the seminar.



Popular Lecture / Seminar Series-2

Scholarship Opportunities for Foreign Education, Fulbright, Chevening Scholarship

Dr. Fatah Muhammad Marri Vice Chancellor Sindh Agriculture University Tandojam announced to have a 'smart university' project, in which all faculties, its teachers and students could have access to WiFi (internet). He said the aim of this project is to equip university campuses with WiFi coverage so the students may have easy access to knowledge. He was speaking at the seminar on 'Scholarship opportunities for foreign education: Fulbright, Chevening Scholarship' organized by Sindh Agriculture University Tandojam on March 25, 2021. The aim was to guide students to hunt for scholarships of foreign studies, as the financial problem does not create hindrances in the move of seeking knowledge. Mr. Imtiaz Ali Solangi, Commissioner Inland Revenue, FBR, Government of Pakistan and Ms. Kanwal Bhutto, Secretary LARMIS, Board of Revenue,

Government of Sindh were the key speakers to deliver lectures, guiding students how to win scholarships. The VC said "We have already taken initiatives for improving physical health and knowledge among students but there is further need to engage them in different activities." The seminar attracted a large number of students at all levels, faculty members and professors. The SAU VC said the university management is making efforts to provide new books in reading rooms and libraries and online facilities for students of all categories. Earlier, Mr. Imtiaz Ahmed Solangi and Ms. Kanwal Bhutto delivered lectures on how to hunt scholarships for foreign studies. These speakers advised the students to adopt practice of reading, writing and listening from right now and set targets to achieve the same.



CLEW's empowered with medicines to help herders



Dr. Fatah Muhammad Mari Vice Chancellor, SAU asked community livestock extension workers to take responsibility and play effective role to save animals in their areas. He said this in his concluding remarks at closing ceremony of one month training course for community livestock extension workers (CLEWs), jointly organized by Laar Humanitarian Development Programme (LHDP), Action Against Hunger (ACF) and Sindh Agriculture University (SAU) Tandojam on March 31, 2021. Vice Chancellor said the livestock farmers need help to cure their animals at the time when the sea has already ruined fertile lands, destroying grazing fields and poor farmers wanted to save their assets because of seasonally diseases and viruses. Senator Pakistan Krishna Kumari appreciated the clews for gaining successful training course to help people in their areas where they belong to. She also lauded the role of SAU for strengthening coordination with the rural communities, offering opportunities to have source of living on the basis of such short-term courses. The Senator said livestock and agriculture both are backbone of the rural economy, both needed

support to end poverty. Mr. Iqbal Haider, executive director LHDP urged the clews that you have voluntarily offered to support the drought affected farmers after gaining training. Now is the time while you have got successful training for one month and got important tool kits with equipment and medicines including knowledge, which may help you to detect diseases and provide medicines instantly. Prof Muhammad Ismail Kumbhar expressed the hope that these workers may have capacity to launch their own veterinary clinics at their villages to earn income. Furthermore, the government's livestock department need such trained people to help them in vaccination drives in seasons. Zahoor Palijo, representative of Action Against Hunger (ACF) said these people have been given required tool kits for running veterinary clinics. Mr. Abdullah Saraz, Manager Operations, LHDP, Mr. Sawan Khaskheli, Manager, LHDP, Ms. Samina Hyder, M&E officer, Dr. Sabqatullah Jamali, LS officer, Dr. Irfan Khalid Marnas and others participated in the event.

E-newsletter & Book Launched

Dr. Fateh Muhammad Marri, Vice Chancellor, Sindh Agriculture University (SAU) has launched E-newsletter (online issue) and book, published by Faculty of Crop Protection on March 31, 2021. The Faculty and entomologists of the University have established 'Entomological Society of Sindh'. They have launched a quarterly E-newsletter. The book "Plant Protection at a glance" written by Professors of faculty Dr. Jan Muhammad Marri and Dr. Abdul Waheed Solangi was also launched by the Vice Chancellor, Dr. Fateh Muhammad Marri said that now the world is becoming more and more stable through information technology and science. Therefore university students should also use modern technology and communication resources to bring their research to the world and also benefit from this kind of e-newsletter. He advised the students and scholars of the

university that in order to prove their worth in the world, they should have to exchange their research and development through Information Technology and work hard to get scholarships. He said that there was a time when political diplomacy was given importance and in this era scientific and technological diplomacy is gaining importance. Dean of the Faculty, Dr. Jan Mohammad Marri said that the faculty has also set up an Entomological Society of Sindh through which the teaching and research experts will be able to connect with modern technology and research scholars from all over the world. On this occasion, Chief Editor E-letter Dr. Irfan Ahmed Gilal briefed the Vice Chancellor about content of e-newsletter. A large number of students, faculty members, teachers and experts were present on the occasion.



Concern over Health Disorders in Pet Animals

A renowned veterinarian and Canadian License holder Dr. Rashid Pirzada, who currently practicing as Veterinarian and C.E.O Defense Pet Hospital Karachi, delivered a lecture at the Faculty of Animal Husbandry & Veterinary Sciences at Sindh Agriculture University Tandojam on April 1st, 2021. He covered multiple topics of Veterinary Sciences and common health disorders in pet animals, causes and diagnosis. Faculty members, a large number of students and veterinarians attended the program. He advised to take precautionary measures to save these animals.



First Exhibition on Entomology was organized at SAU

The SAU and University of Sindh jointly organized first exhibition on friend and hostile insects, related to agriculture, unique competitions of paintings and insect collection in collaboration with Entomological Society of Sindh on April 6th, 2021 in the Faculty of Crop Protection. Prof. Dr. Fateh Muhammad Marri, Vice Chancellor, SAU said that the importance of harmful pests and friendly insects in agriculture cannot be overlooked and harmful pests have adverse effects on agriculture, especially they severely affect the export of agricultural products. The students of both universities took part in the painting of various types of insects, collected the same in display boxes for the competitions. The Vice Chancellor, said that this is a unique exhibition, which show the interest of students, who have collected agricultural friendly and hostile insects. He added, that the exhibition would provide students with

practical information on how to prevent pests from invading agricultural crops, orchards and vegetables, and if we were able to control such harmful pests, we would be able to increase exports, obstacles to Pakistani production in the global markets. Vice Chancellor said that the university is working to receive funds from National Research Center, Pakistan Science Foundation (PSF) and to get research projects approval under CPEC agreement. Dean, of the Faculty Dr. Jan Mohammad Marri, Dr. Imran Khatri, Dr. Agha Mushtaq, Dr. Aslam Bukero, Dr. Irfan Gilal and others also addressed the event. Later the selected students in exhibition were awarded with cash prizes and certificates. Dr. Mubeen Lodhi, Dr. Bhai Khan Solangi, Dr. Sohail Otho, Dr. Fahad Nazir Khoso, Dr. Shehzad Ali Nahyoon and others were also present on the occasion.

Glimpses of Entomology Exhibition



Popular Lecture Series / Seminar - 3

China's overseas Port Investments: A comparative analysis in Greece and Pakistan

Popular Lecture / Seminar on China's overseas port investments; a comparative analysis in Greece and Pakistan was organized at SAU on April 8, 2021. Dr. Mohid Iftikhar, Policy Development Expert, highlighted the importance and urged the faculty members and students that they should come forward to understand changing global economy under the belt and road initiative. Dr. Iftikhar said that Pakistan can emerge as a hub of industrial development that will connect through the rest of the world with the development of Gawadar Port. Prof. Dr. Aijaz Ali Khooharo, Dean, Faculty of Agricultural Social Sciences, SAU, said that China Pakistan Economic Corridor (CPEC) can provide great opportunity for the students to develop and grow Small Medium Enterprises (SMEs) for their economic empowerment. Prof. Dr. Qamaruddin Chachar, Dean Faculty of Crop Production, said that our youth should focus on knowledge economy through digitalization and researchers. He said that the quality research and markets of agriculture products should



be given priority to ensure food security. Prof. Dr. Muhammad Ismail Kumbhar, Coordinator Programs and Projects highlighted that university students should focus on entrepreneurship to capture the market of the CPEC. He said that the students may build their knowledge in hospitality management, value addition of various agricultural products, skills enhancement for technology transfer of various agriculture commodities. A large number of Students and faculty members participated in the seminar and exchange questions and express their opinions for the economic development of Country.

Inauguration of Banana Fiber Extraction Unit

Banana Fiber Extraction Unit inaugurated and seminar on the production of yarn, paper, organic fertilizer and other items from banana waste organized at the SAU on April 12th, 2021. Prof. Dr. Fateh Muhammad Marri, Vice Chancellor, Sindh Agriculture University, said that 2.5 million tonnes of banana waste is being incinerated in the country, which is continuously increasing pollution. Dr. Fateh Muhammad Marri said that many countries, including Thailand, are producing various products from banana and paddy waste and making a huge profit. Mr. Suleman G. Abro, head of Sindh Agriculture Forestry Workers Coordinating Organization (SAFWCO) said despite the fact that Pakistan is an agricultural country, there is no special focus on agro-industry. He advised policy makers to focus on the development of agro-industry. Syed Nadeem Shah Representative of Sindh Abadgar Board, said that agricultural lands in the country were gradually declining and converting into urbanization,

and agricultural experts should have to give their recommendations to save the agriculture lands. Prof. Dr. Muhammad Ismail Kumbhar said that projects are being made to develop various products from Agriculture Linkage Program, Pakistan Agricultural Research Council and Sindh Agricultural University Tandojam banana waste. Event Organizer Dr. S. Ibrahim Abro presented a detailed report on how the banana waste could be utilized from different aspects as fiber, paper, and edible items, liquid and solid biofertilizer. Prior to that the vice chancellor inaugurated the banana waste processing unit where fiber was practically technology was demonstrated and the machine introduced. Dr. Qamaruddin Chachar, Dr. Inayatullah Rajpar, Ms. Tahseen Fatima Miano, Syed Farman Shah, Qamaruddin Jogi and academicians and experts of various faculties were present on the occasion.



Books on Water: Presented to Vice Chancellor

Prof. Dr. Muhammad Ismail Kumbhar presented two books "Women in Water" written by Ms. Fiza Qureshi and "Water for Equitable Social outcome" by Mr. Hussain Jarwar, author and development professional, to Dr. Fateh Muhammad Marri, Vice Chancellor Sindh Agriculture University, Tandojam. The VC lauded the role of both the authors, who have produced books on water in Sindh.



Popular Lecture Series / Seminar - 4

Globalization and Agriculture in Pakistan: Opportunities and Challenges

Popular Lecture Series/Seminar-4 on “Globalization and Agriculture in Pakistan, opportunities and challenges”, organized at Sindh Agriculture University (SAU) Tandojam. on April 14th 2021. Prof. Dr. Iqrar Ahmed Khan, former Vice Chancellor Agriculture University Faisalabad (Sitara-e-Imtiaz), was a keynote speaker on the occasion, who highlighted the subjects related to agriculture like water, productivity, climate change, stagnant yields, post-harvest losses and market, social disparity, youth and gender and malnutrition and food security. It was a part of frequent discourse and interaction with researchers and experts in various fields like agriculture, nutrition, climate change and emerging technology to transfer knowledge to the students and faculty members. Leading farmers, seed breeders and independent researchers also participated in the event and contributed their understanding.

Prof. Dr. Iqrar gave a talk on replacement of seeds mainly wheat, rice and other cereal crops, which impacted badly on crop cultivation cost, productivity and quality in terms of chemical tainted food consumption. He said globalization is a continuous part in marketing. Global communities look frightened about the provision of food to growing populations. Previously, Besides dairy products people also get calories through taking vegetables, he said market manipulation is also a main problem in which consumers and producers suffer. Prof. Khan also talked on seed breeding varieties, status of certification and rate of germination. He said it was shocking that the farmers get seeds which sometimes do not germinate. There is no example like that in the world that the seeds do not germinate. “We have to look into the issues like weather, water and status of soil fertility, which may cause lack of germination of seed varieties,” he said.

Dr. Fateh Muhammad Marri, Vice Chancellor, Sindh Agriculture University in his concluding remarks



expressed gratitude over the knowledge shared by the guest speaker at this forum, which he said will benefit the researchers in agriculture as well as farmers, who need more knowledge. Dr. Marri said that urbanization is taking place without any check, eating away fertile land, which used to produce food some year back. Like this, he said farmers are vulnerable due to climate change, volatile marketing and now emerging issue of poor seed germination. He assured to motivate graduates and young researchers in the university to lead new studies on these subjects so we may measure the changes and its impacts on crop productivity. “Being Agriculture University, we are committed to initiate focus on the issues on malnutrition in the communities, mainly minor kids in rural areas”.

Prof. Dr. Muhammad Ismail Kumbhar, renowned researchers in the field of agriculture, conducted the proceedings and suggested farmers to learn through this kind of discourse and apply the valuable learning's to have more yield. He said wide areas of land in different districts of Sindh province are losing fertility due to many reasons mainly increasing sea intrusion, poor knowledge among farmers in water and land management. Among a large number of graduates, young researchers and faculty members, Noor Muhammad Baloch, Director General Agriculture Research Sindh and Syed Nadeem Shah Jamot, representative of Sindh Abadgar Board were also available in the programme.

World Earth Day 2021 Celebrated at SAU

A walk was organized at Sindh Agriculture University Tandojam on April 22, 2021, to celebrate World Earth Day under the 2021 theme "Restore Our Earth". Prof. Dr. Fateh Muhammad Marri, Vice Chancellor highlighted the importance of Earth day. Prof. Dr. Inayatullah Rajper Chairman, Department of Soil Science briefed about Earth Ecology and Sustainable Agriculture and Ms. Saima Awan Ph.D Scholar also spoke on the occasion. Prof. Dr.



Muhammad Ismail Kumbhar, Deans of Faculties and large number of students participated in the walk.

Vice Chancellor's Message for International Labor Day

Dr. Fateh Marri, Vice Chancellor, Sindh Agriculture University, Tandojam, message on the occasion of International Labor Day, said that workers are an integral and important part of society and work day and night for the development of the nation and country at large, and they are engaged in the development of Agriculture, construction and industrial activities, therefore we should take care of the workers around us and appreciate their hard work, he said that in every difficult job, the workers are with us and perform many of our tasks, it is our responsibility to pay them back. On International Labour Day, we pay tribute to their efforts and acknowledge their services. He said that Sindh Agriculture University pays tribute to all the employees of our University and especially to the employees who are working for the institution in hot and cold and various difficult stages. He said that Sindh Agriculture University is the only higher education institution in which the students also belong to farmers, laborers and poor families and we are trying to get the children of laborers and poor families to come forward in the service of the country.

Agricultural Magazine Launched from SAU

The agricultural journal "Monthly Agricultural Science" has been launched from Sindh Agriculture University, Vice Chancellor Dr. Fateh Muhammad Marri inaugurated the online edition of the first issue on 1st May, 2021. Addressing to inaugural event Vice Chancellor said that there was an urgent need of scientific magazine like "Monthly Agricultural Science" based on modern agricultural subjects like agricultural research, information technology, livestock, social sciences, Crop Science and other agriculture related subjects, for technology transfer and awareness of new information



to the farmers, scholars and students of the university. Dr. Marri said this magazine will provide guidance to farmers, students, teachers, researchers and agricultural extension workers in the province and the country on new development in agriculture sector, The magazine will play an important role in imparting knowledge of modern agricultural science to the concerned stakeholders, although the magazine caters to the needs of modern agricultural scientific journals, it will provide the latest and future needs as standard of readers. Vice Chancellor urged that the magazine should include research articles by teachers and experts and research articles by students of the University, as well as experts who have rendered distinguished services. Vice Chancellor appreciated the efforts of Dr. Jan Muhammad Marri, Dean Faculty of Crop Protection as Magazine Patron and Dr. Bhai Khan Solangi, Editor-in-Chief and Prof. Mohammad Mithal Jiskani, Managing Editor of the Magazine and commended them for continuing such services. On this occasion, Prof. Jan Muhammad Marri and Dr. Bhai Khan Solangi briefed the Vice Chancellor about the magazine.

Training Workshop on Mango Nursery

Two-day training workshop was organized at Sindh Agriculture University Tandojam on May 22-23, 2021, in collaboration with Sindh Agriculture University Tandojam and Multan Agricultural University. Experts from Sindh and Punjab trained the farmers on healthy nursery, improved yields, irrigation water and nutritional status. On this occasion, Dr. Fateh Muhammad Marri, Vice Chancellor, SAU and Mr. Asif Nawaz, Vice Chancellor, Agricultural University, Multan said that mangoes from Sindh and Punjab are being exported all over the world, there is a huge loss of marketing due to unawareness about value chain and post harvest issues, the workshop will be fruitful for farmers of both provinces to increase their production, awareness of diseases and especially international standards for export. They said that it is necessary to provide information to farmers on packaging and subsequent export methods.



On this occasion, Asif Hayat Tipu, an expert from Multan Agricultural University, Dr. Abid Hussain, Dr. Niaz Wahucho of SAU, Tandojam introduced modern mango nursery to the farmers of different districts. On the occasion, agronomists and farmers of Sindh and Punjab were briefed about the healthy nursery of mangoes in the Department of Horticulture, SAU, Tandojam, as well as their care and different varieties of mangoes. Experts visited the model farm of renowned agronomist M.H. Panhwar near Tandojam. Former Federal Minister for Agriculture Syed Asghar Ali Shah, Former Minister for Agriculture, Ghulam Qadir Jaskani, Former Director General Agriculture Engineering Workshop Agha Zafarullah, Dr. Zulfiqar Yousafani, Ghulam Sarwar Panhwar Chairman M.H. Panhwar Farm and others were also present on the occasion.

Prof. Dr. Qamaruddin Chachar, appointed as Dean, FCPD

Prof. Dr. Qamaruddin Chachar, appointed as Dean, Faculty of Crop Production, notification has been issued. After the approval of Chief Minister Sindh, Syed Murad Ali Shah, the Universities and Boards Department of the Government of Sindh, has issued a notification of Dr. Qamaruddin Chachar, Senior Professor, Crop Production Faculty, for the appointment as Dean, upto August 7, 2022, the date of his retirement. Dr. Qamaruddin Chachar is a Senior Professor in the Department of Crop Physiology, he has a Ph.D from England, his research papers have been published in various countries around the world, and he has extensive services in the fields of agriculture and research.



Seminar on Mango Quality Production: Issues and Challenges

One day Seminar on "Mango Quality Production: Issues and Challenges" organized by Sindh Agriculture University Tandojam on June 2nd, 2021. in collaboration with, Sindh Abadgar Board, Sindh Agriculture Research Institute Tandojam and Sindh Enterprise Development Fund (SEDF). Dr. Fateh Muhammad Marri, Vice Chancellor, Sindh Agriculture University proposed to establish 'farmers' markets' in major cities of Sindh Province, engaging producers to sell their own products there. They should be facilitated to provide seed money as a grant because they do not have finance for promoting business. The event attracted mango producers, traders, exporters, agriculture department officials and entrepreneurs. The Vice Chancellor said mango products start from its nursery, which must have healthy plants. There is need of introducing technology for processing and marketing to capture market. He said university is going to establish clean mango nursery. He suggested to display mango varieties in Karachi and other cities' larger shopping malls and major markets.

Abdul Rahim Soomro, Secretary Agriculture, Sindh said there is need of action over the recommendations produced by this seminar. He said there is a gap in research, which shows poor results in yield compared to other nations of the world in terms of quality products. Responding to queries, he said agro processing zones were established in 2000 in nine cities of Sindh. Now we are struggling to revive these processing zones through public private partnership. We will involve Sindh investment board in the agribusiness.

Mahboobul Haque CEO Sindh Enterprise Development Fund (SEDF) said there are agribusiness opportunities for farmers. They are planning to strengthen supply chain with setting up cold storage, transportation and distribution mechanism.

Mahmood Nawaz Shah, Vice President Sindh Abadgar Board suggested to have high density crops and fruits. He claims to have established high density mango orchards on four acre land and waiting to receive products.

Nabi Bux Sathio, another farmer, leading Sindh Chamber of Agriculture said there is no survival except value addition practices in agriculture crops like onion, chilli, tomato and various fruits, including mango. "We can manage postharvest losses through adapting modern practices," he added that we usually invest in crops production and wait for three- four months to get return.

Agha Zafarullah Durani, grower and exporter said for

the postharvest management farmers themselves may encourage educated persons as farm managers so they may help them and avoid this kind of losses. "We should have to change traditional practice and adapt modern practices to avoid losses and earn income", he said. Dr. Zulfiqar Yousfani talking on mango pulp productions said this is time when mango product harvesting has started and we have to take initiative to avoid post harvesting loss.

Ghulam Sarwar Panhwar, Director M.H. Panhwar Farm shared new modern practices for markets. He claims to have three farms in which producing around 32 varieties of mango, early varieties, mid time and late varieties for markets. Apart from mango, he said high quality litchi, banana, jack fruit and others, which have nutritional value.

Suleman G. Abro, President SAFWCO said that there are more opportunities for mango farmers of Sindh to achieve. He said CPEC itself is main opportunity to shift our minds to agribusiness and agri products. He said the government has announced grant of Rs. 6 billion for SMEs associated with agribusiness, which may benefit to rural people.

Nadeem Shah Jamot, a progressive farmer said we have to assign agriculture graduates to manage farms to avoid losses and produce more yield. This is key to save their products. He appreciated role of women in agriculture, pre and postharvest management. These women may be encouraged. Mohsin Soomro, value chain specialist at International Trade Center- Growth for Rural Advancement Sustainable Programme (Grasp) said postharvest is not only for mango but tomato and other products have also the similar issues. Noor Muhammad Baloch, Director General Sindh Agriculture Research Institute Tandojam said that a demand of mango is growing internationally. Therefore, farmers should avail these opportunities and earn income.

Prof Muhammad Ismail Kumbhar, Director University Advancement and Focal Person at SAU said that there is a great potential for value addition mango through washing, drying, grading and packing will greatly enhance the product quality of mango. Mango is a delicious king of fruit, grown in more than 100 countries of the world. Sindhri mango variety is unique in taste and aroma for export and to earn foreign income.

Glimpses of Seminar on Mango Quality Production: Issues and Challenges



FARMING COMMUNITY VISITED SAU

Farming Community Group of Kacho, District Dadu visited Sindh Agriculture University Tandojam on June 9th, 2021. Mr. Niaz Sial, Director, Programs RDF Sindh, provided the opportunity to farmers group for their visits at Sindh Agriculture University Tandojam. Prof. Dr. Muhammad Ismail Kumbhar, Director, University Advancement and Financial Assistance briefed the SAU progress and Achievements.



Certificates Awarding Ceremony Community Livestock Extension Workers (CLEWs)

Certificate Awarding Ceremony of one month Training of Rural Women Community Livestock Extension Workers (CLEWs) under Sindh Drought Resilience Program (SDRP) Umerkot, jointly organized by Sami Foundation with technical supported by Sindh Agriculture University Tandojam and Concern World Wide funded by USAID/OFDA under Sindh Drought Resilience Program at District Umerkot, Sindh.



Condolence Gathering for SAU Students died in Accident

A condolence gathering was held at the Faculty of Animal Husbandry and Veterinary Sciences of Sindh Agriculture University Tandojam on June 15th, 2021, for the two students, who were died in the road accident, near Hyderabad. Vice Chancellor Dr. Fateh Marri including Deans of various faculties, teachers and students also participated in the meeting. Addressing the gathering Vice Chancellor Dr. Fateh Marri said that Nisar Ahmed Bugti and Abdul Khaliq Bugti, who died in the accident, were among the promising students of the university. Teachers, staff and students are deeply saddened, It is unfortunate that both the students had an accident on the way before reaching the university. He said that Every student is like a project, and it has a lot of hopes for the university, the nation and their parents, and their departure is a big loss," Vice Chancellor announced that a delegation from the Sindh Agriculture University will attend the soym of both students. He further said that in order to prevent such incidents, the students would be made aware of the safety of the students through training programs. Dr. Sayed Ghiasuddin Shah Rashdi, Dr. Jan Mohammad Mari, Dean FCPT, Dr. Mubeen Lodhi, Dr. Aqeel Bhutto, Dr. Ahmad Nawaz Tanio, Dr. Qamaruddin Jogi and others spoke on the occasion.

New Building of FCPT Inaugurated

Newly constructed building of Faculty of Crop Protection of Sindh Agriculture University Tandojam inaugurated. Dr. Fateh Muhammad Marri, Vice Chancellor, Sindh Agriculture University (SAU) Tandojam inaugurated the newly constructed building of Crop Protection Faculty of Sindh Agriculture University on June 18, 2021, along with Noor Mohammad Baloch, Director General, Agriculture Research Sindh, and Dr. Jan Mohammad Marri, Dean, Faculty of Crop Protection. During inauguration event the Vice Chancellor Dr. Fateh Muhammad Marri said that projects have been approved to build more new academic and administrative departments of the University. "A Mega Project has been approved for the university, after which SAU will prove to be the university with the best infrastructure in the country." He said that work is under process on various projects in collaboration with the Federal, Provincial governments and agricultural Departments of the

country; he said that modern laboratories and classrooms have been given priority in the new building.

He added that our aim is to provide a learning environment to the students as well as provide technical assistance to the agricultural sector and Farmers. Dr Jan Mohammad Marri, Dean Faculty, Dr. Imran Khatri and Dr. Bhai Khan Solangi addressed the gathering. Deans Dr. Qamaruddin Chachar, Dr Aijaz Khoonharo, Dr. Syed Ghiasuddin Shah Rashdi, Dr. Naimatullah Leghari, Dr. A. G. Arijjo academic Advisor to Vice Chancellor, Dr. Altaf Siyal Director ORIC, Registrar, Ghulam Mohiuddin Qureshi and teachers of various faculties were also present on the occasion.



OBITUARY

Condolence Reference of Prof. Syed Razaq Amin Shah Chairman, Department of English



Condolence reference in the memory of Prof. Syed Razak Amin Shah (Late) was organized by Sindh Agriculture University Teachers Association 2021 on June 18, 2021. Dr. Fateh Muhammad Marri, Vice Chancellor, Sindh Agriculture University, Addressed a condolence meeting held at the Main Auditorium Hall after the demise of Prof. Syed Razaq Amin Shah, Chairman, Department of English, Faculty of Agricultural Social Sciences, Sindh Agriculture University Tandojam, Dr. Fateh Muhammad Marri said that Prof. Syed Razaq Amin Shah was not only associated with the field of education, but he was also a well-known member of the society who dreamed of positive changes in the society thinking for quality education and aspiring for economic development for the people of Sindh, he had access to Sindhi and English literature, and he was fond of poetry of Shah Abdul Latif Bhitai and Shakespeare. He had a keen interest in books, teaching and reading and was an ideal type of person and keenly interested in social change and implementation of new technologies in modern Agriculture and Science, Dr. Marri said that Prof. Syed Razaq Amin Shah never neglected the importance of time, he was a staunch opponent of evils, conflicts and outdated tendencies in the society. He wanted the scholars of Sindh Agriculture University to play their role in modern technologies and



positive development after completing their degree, the services and positive role of Prof. Syed Razaq Amin Shah are a inspiration for us and will always be remembered, Prof. Dr. Aijaz Ali Khooharo, Prof. Dr. Abdullah Arijjo, Prof. Dr. Altaf Sial, Prof. Dr. Naimatullah Leghari, Prof. Dr. Abdul Ghafoor Sial, Prof. Dr. Muhammad Ismail Kumbhar, Prof. Muhammad Amin Soomro, Prof. Dr. Mujahid Hussain Leghari, Prof. Pir Ahmed Naqi Shah, Prof. Velo Sothar, Prof. Bhai Khan Solangi and others highlighted the personality, character and teaching services of Razaq Amin Shah. Mr. Fida Amin Shah, brother of the late Prof. Razaq Amin Shah and his son Ahmad Amin Shah shared the memories of the late Prof. Razaq Amin, Prof. Dr. Abdul Latif Bhutto prayed for the late Razaq Amin Shah.

SAU Participated in Virtual Mango Show

SAU participated in Virtual Mango Show 2021 held at Hyderabad Club, Hyderabad organized by District Administration Hyderabad on June 19, 2021. Mango Growers, Progressive Farmers, Exporters, Academia, Researchers, SMG, Entrepreneurs, Ambassadors and stakeholders participated and highlighted the importance of Mangoes of Sindh. Prof. Dr. Fateh Muhammad Marri, Vice Chancellor, Sindh Agriculture University Tandojam, Syed Mustafa Nangraj, Huzail Syed and Mr. Abbass Baloch, Commissioner Hyderabad addressed the first Mango Virtual Show. Mr. Abbas Baloch Commissioner Hyderabad, Prof. Dr. Fateh Muhammad Marri Vice Chancellor, SAU Tandojam, Syed Miran Muhammad Shah, Mahmood Nawaz Shah, Mohammad Ashraf, Consul General, Embassy of Pakistan, Sydney, Mohammad Ashraf, Commercial Consular, Embassy of Pakistan, Jeddah, Noor Muhammad Baloch DG Research Sindh, Prof. Dr. Muhammad Ismail Kumbhar were panelists of the different panel discussions.



Certificate Awarding Ceremony of CLEWs Training Program

Two-month Training Program on “Community Livestock Extension Workers for Intangible Asset Transfer” was Jointly organized by Sindh Agriculture University Tandojam, EHSAS AAMDAN, IFAD, Government of Pakistan, NRSP, and PPAF's partner organization conducted training for 22 Community Livestock Extension Workers (CLEWs) hailing from Sujawal district, under National Poverty Program Graduation Program at Sindh Agriculture University Tandojam on June 22, 2021. While addressing Dr. Fateh Muhammad Marri, Vice Chancellor, Sindh Agriculture University Tandojam said that the Livestock sector can play an important role in the economic development of the people of Sindh, the country's economy can be changed through agriculture and livestock. Addressing the closing ceremony of a two-month training program on “Community Livestock extension workers for intangible asset transfer” Dr. Fateh Marri said that the red cow is the best and historical breed of cow in the country, many countries including Brazil and Australia are taking advantage of this, he told that the coin found in Moen-jo-daro bears a resemblance mark of the bull, which indicates the ancient descent of red cow He said that according to the data given in the budget of the federal government, the growth rate of the economy is 3.9 percent, which will increase to 6 percent in the next 12 years, during budget session. Ghulam Mustafa Jamro, Regional Manager, NRSP, a social organization, said that the youth who would benefit from this training program would not only play a role in preventing diseases in cattle through the people of their area, but they will be able to financial support to their families. Social leader Latif Jamal said the

program includes poor youth from many areas, including Thatta, Sujawal and Badin, who have received training on the importance of livestock, their care and their importance in alleviating poverty in backward areas.

Social leader Latif Jamal said the program includes poor youth from many areas, including Thatta, Sujawal and Badin, who have received training on the importance of livestock, their care and their importance in alleviating poverty in backward areas.

Razia Panhwar of Pakistan Party Elevation Fund said that in areas where there is no veterinary hospital or doctor, there is a lot of concern about diseases in cattle, due to which People suffer a lot, while livestock has now become an industry. Prof. Dr Muhammad Ismail Kumbhar said that people are now facing difficulties in marketing livestock diseases, milk and meat, so the trained youth will benefit the cattle breeders from their training, he said that the products can be marketed better in the cities to make more profit than raw mawa, curd, lassi, ice cream and other things. Dr. Ismail Memon, Mazhar Iqbal and others were present on the occasion. Besides diagnosing diseases, CLEWs have learned the need for nutrition, farm and healthcare management, breeding management and extension services for farm animals. They will help to develop the ecosystem by providing their services where a major chunk of livestock has been opted by Ehsas Amdan/NPGP beneficiaries. Prof. Dr Fateh Muhammad Marri Vice Chancellor Sindh Agriculture University Tandojam and Ms Razia Panhwar Health and Nutrition Officer, PP AF distributed certificates among those who have completed the training programme.



Ehsaas Undergraduate Scholarship Cheques Distributed

Scholarship Cheques were distributed among deserving and eligible students under the Ehsaas Undergraduate Scholarship Program at Sindh Agricultural University, on July 15 2021. While addressing to the students Dr. Fateh Muhammad Marri Vice Chancellor, said that it would be a great tragedy if a poor student could not pursue higher education due to non-payment of fees; Scholarship is the important more than issuing a normal stipend or health card. Dr. Marri added that it is an important scholarship for a student to pursue higher studies. It is not necessary for poor families to remain poor from generation to generation. He said that to change the lifestyle of their families, their young people should be given educational opportunities and there are scholarships for continuing the education of working students. He further said that Ehsaas Scholarship is the largest scholarship program in the history of the country through which 50,000 students are meeting their educational expenses, it will encourage poor students. Prof. Dr. Muhammad Ismail Kumbhar, Director, UA&FA, said that we are keen to help poor and deserving



students through scholarships, he added that there are still 131 scholarships left due to student performance and lack of interest. Focal Person Syed Noman Shah said that Sindh Agriculture University received a total of 288 scholarships, out of which 177 students were distributed Rs. 23500 per student, while 131 scholarships are still available. Dr. Fateh Muhammad Marri, Prof. Dr. Muhammad Ismail Kumbhar, Hostel Provost Khadim Hussain Wagan distributed cheques among the scholarship students.

Obituary Former Vice Chancellor Dr. Rajab Ali Memon Passed Away

Former Vice Chancellor of Sindh Agriculture University Tandojam Dr. Rajab Ali Memon has passed away on July 24, 2021. Dr. Rajab continued to serve in the University from Lecturer to Vice Chancellor, and continued to teach and research activities even after retirement. Dr. Fateh Muhammad Marri, Vice Chancellor, Sindh Agriculture University, Tandojam, has expressed deep sorrow over the demise of Prof. Dr. Rajab Ali Memon, former Vice Chancellor of the University; he said that Dr. Rajab Ali Memon great educationist, researcher eminent personality of the country, Dr. Marri said that Dr. Rajab Memon worked on major projects at the national level for the country and the province and worked on important research projects with many domestic and foreign public and private institutions. Dr. Fateh Muhammad Marri said that even after his retirement, Dr. Rajab Ali Memon continued to support and give lectures to Ph.D scholars in Sindh Agriculture University and Sindh University. He also played an important role in the development of various Departments including the Faculty of Social Sciences of the university. Dr. Rajab Memon did his first PhD from University of Agricultural Faisalabad, later PhD from University of Minnesota USA and Post Directorate from Iowa State University USA. He said that the demise of Dr. Rajab Ali Memon is a great loss to the province and the country. Sindh province has lost a capable, resourceful educator and researcher.



Mega Tree Plantation Drive Inaugurated

The Sindh Agriculture University, Tandojam (SAU) Mega Tree plantation drive was held at Sindh Agriculture University, Tandojam. Prof. Dr. Fateh Muhammad Marri, Vice Chancellor, SAU Tandojam along with United Nation Food and Agriculture Organization (UNFAO) Ms. Rebekah Bell, Country Head, Mr. Abdul Raheem Soomro, Secretary Agriculture, Government of Sindh inaugurated the mega tree plantation drive. The mega tree plantation drive in connection with independence day of Pakistan will be held from 12-21 August at SAU main Campus and other constitute colleges and campuses at Umerkot, Dokri and Khairpur Mirs. Prof. Dr. Fateh Muhammad Marri, Vice Chancellor, SAU Tandojam highlighted the role of tree plantation drive and added that to combat drought challenges, degraded lands have to be covered with indigenous tree plantation to protect the environment and climate change issues of the country and this mobilization for tree plantation would be helpful for community adopt and plant trees at their household level. He further added that the SAU will plant 30,000 trees of various types which are suitable in Sindh climate at main campus and as well as SAU constitute colleges and campus. He said that trees are producing energy, providing better environment at the earth and will be helpful for sustainable livelihood for small-scale producers and to promote better environment through tree plantation.

Ms. Rebekah Bell, Country Head, UNFAO highlighted the role of tree plantation and added that to cope the challenges of climate change and food security there is need to plant trees and community and students may engaged in the mega tree plantation drive. She appreciated the efforts of the SAU Vice Chancellor for initiating the tree plantation drive and providing opportunities to all the stakeholders for plantation of trees.

Mr. Abdul Raheem Soomro, Secretary Agriculture, Government of Sindh, said that trees are the vital organs of the earth and trees restore and protect the environment, he highlighted and said that forest are precious natural resources and are destroyed due to weak planning he further added that water scarcity, land degradation, climate change and drought are main issues and they may be restored and recover through tree plantation he further added that only the trees can boost the better environment for better livelihood.

Prof. Dr. Muhammad Ismail Kumbhar, Director UA & FA, SAU Tandojam said on the occasion that forest are the precious natural resources and integral part for livelihoods as 1.6 billion people of world depend on forests as it also contributes a pivotal role in regulating the climate and sustaining communities and supporting biodiversity globally as well as locally. He appreciate the efforts of the Vice Chancellor for organizing this mega campaign at SAU, Tandojam. Prof. Dr. Fateh Muhammad Marri, Vice Chancellor, Ms. Rebeka Country Representative (UNFAO) Dr. Aamer Irshad, Head of Program (UNFAO), Ms. Maria, Head of Administration (UNFAO), Dr. Bari, Advisor NRM (UNFAO), Mr. Aamer Sultan, Security Head (UNFAO), Mr. Abdul Raheem Soomro, Secretary Agriculture, Government of Sindh, Mr. Noor Muhammad Baloch, Director General, Agriculture Research Sindh, Prof. Dr. Qamaruddin Chachar, Dean FCPD, Prof. Dr. Aijaz A. Khooharo, Dean FASS, Prof. Jan Muhammad Marri, Dean, FCPT, Prof. Dr. Ghiasuddin Shah Rashidi, Dean, FAHVS, Prof. Dr. Aijaz Hussain Soomro, Director IFST, Prof. Dr. Abdullah G. Arijjo, Academic Advisor SAU and other faculty members, administrators, officers also planted the trees sampling during the campaign initially 500 trees were planted during the campaign.



FAO's Rebekah Bell and Secretary Agriculture Abdul Raheem Soomro launch tree plantation campaign at SAU

By Sohail Bhattu



TANDOJAM The Sindh Agriculture University Tandojam (SAU) launched a mega tree plantation campaign on the main campus, which was attended by VC Prof. Dr. Fateh Muhammad Marri, United Nation Food and Agriculture Organization's Country Head, Rebekah Bell and Abdul Raheem Soomro, the Secretary Agriculture, Government of Sindh. The mega tree plantation campaign which has been launched in connection with the 75th Independence Day of Pakistan will continue till August 21st at SAU's Main Campus and its affiliated colleges and campuses in Umerkot, Dokri and Khairpur Mirs. During the event Prof. Dr. Fateh highlighted the role of tree plantation drives and added that to combat drought challenges, degraded lands have to be covered with indigenous tree plantation to protect the environment and climate change issues of the country and this mobilization for tree plantation would be helpful for community adopt and plant trees at their household level. He further added that the SAU will plant 30,000 trees of various types which are suitable in Sindh climate at main campus and as well as SAU constitute colleges and campus. He said that trees are producing energy, providing better environment at the earth and will be helpful for sustainable livelihood for small-scale producers and to promote better environment through tree plantation.

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National Independence Day Celebrated at SAU

National Independence Day of country celebrated with patriotism and national enthusiasm at Sindh Agriculture University (SAU) Tandojam on August 14, 2021, The national flag was hoisted on the occasion, followed by the national anthem, Dr. Fateh Marri, Vice Chancellor (SAU) Deans, Heads of the Academic and Administrative departments, cut Pakistan's anniversary cake. Addressing the event, Vice Chancellor Dr. Fateh Marri said that as a responsible Pakistani we should play our role for the development and honor of our country, He said that Pakistan became free from the unparalleled sacrifices of our forefathers, he said that Pakistan is an agricultural country and implementation of modern technology in agriculture, research on new varieties of crops and breeds of animals, would play a role for making the country economically stable. "Today's students are tomorrow's leaders, so everyone has to work honestly in their field; Freedom is a blessing we should cherish." He said Students presented national songs on the occasion of Independence Day and Prof. Dr. Muhammad Ismail Kumbhar and students also delivered speeches on the Independence Movement. Dean Dr. Aijaz Ali Khooharo, Dr. Syed Ghiyasuddin Shah Rashdi, Dr. Naimatullah Leghari, Dr. Jan Mohammad Marri, Registrar Ghulam Mohiuddin Qureshi, Dr. Abdullah Arijio, Aijaz Soomro, Dr. Qamaruddin Jogi, Mohammad Ashraf Rustamani, Anwar Hussain Khanzada, teachers, officers, students and employees were also present.



Books Donated to SAU

Ghulam Sarwar Soomro, an Alumni of Sindh Agriculture University and retired Chief of Agricultural Policy Institute of National Food and Agricultural Research of Pakistan, has donated 500 agricultural books and journals for the Central Library of Sindh Agriculture University. A brief ceremony in this regard was held at SAU on August 23, 2021, Ghulam Sarwar Soomro handed over the books to the Vice Chancellor Dr. Fateh Muhammad Marri. Vice Chancellor said that the Sindh Agriculture University is suffering through financial difficulties nowadays, so the alumni of the university can help the students in books, scientific instruments and scholarships, and this process will be an expression of their love for their own mother institution. Vice Chancellor said that the alumni should perform their role to overcome the current financial dilemma and

help students in various fields; he said that the books and journals donated by Ghulam Sarwar Soomro would be kept in the Central Library of the University for the students and books will help the students in the field of national and international agricultural economics and technical knowledge. Ghulam Sarwar Soomro said that I have got higher education from SAU and I have served as the Chief of the Agriculture Policy Institute because of this University and SAU has an important role in their development and training, he said that these national and international journals and books are very helpful to the students. Prof. Dr. Bachal Bhutto, Librarian Ghulam Hyder Joyo and other officials of the administrative departments of the university were also present on the occasion.

Plants Donated to Edhi Foundation

Sindh Agriculture University (SAU) Tandojam donated over 150 saplings to Edhi foundation on August 30, 2021 for the tree planting campaign at Edhi Home near Hyderabad Karachi Motorway. During a brief ceremony, Vice Chancellor Dr. Fateh Marri handed over 150 saplings to Mr Mairaj Ahmed the official of Edhi Hyderabad. Addressing during ceremony Dr. Fateh Marri, Vice Chancellor, Sindh Agriculture University said that University is in technical liaison with various institutions in the capital of Sindh for tree planting and urban forest to curb the growing pollution in Karachi city. He said that SAU wants joint research to plant mango and other fruit trees in the city, and fruit plants can be planted for those who think that the climate in Karachi is not conducive to growing these plants. He said that at present Sindh Agriculture University is already providing medical services to Edhi at his animal farm and sick animal care center, and our team led by Prof. Dr. Muhammad Ismail Kumbhar has also visited Edhi Home. On this occasion Prof. Dr. Muhammad Ismail Kumbhar, Dr. Syed Ziaul Hassan Shah and others also expressed their views. Leaders of the Green Youth Society were also present during the ceremony.



Scholarship Cheques distributed among Minority Students

Scholarship cheques were distributed among the minority students of Bachelor's Degree Program, at Sindh Agriculture University sub-campus Umerkot on Tuesday, Director Dr. Jan Muhammad Marri attended the function as a special guest. The Scholarship was issued by the Ministry of Religious Affairs and Interfaith Harmony and cheques were distributed by Dr. Jan Mohammad Marri, Director SAU Sub-Campus Umerkot, who was



the special guest of the occasion. Addressing on the occasion, Dr. Jan Mohammad Marri said that the SAU sub-campus Umerkot is providing educational environment to the poor students of different areas including Thar, he said that SAU is focusing on higher education facilities, especially for minority students. He said that the SAU is trying to get more scholarships to provide higher education opportunities to the poor students studying in University and its constituted Colleges and Sub campus. He said that the scholarships are important goal set by the Vice Chancellor Dr. Fateh Marri. He urges that students should work hard to get the scholarship and make the name of their institution bright, Dr. Imam Bakhsh Chachar said that all the students who applied for this scholarship program have received Cheques; he said that the students studying in the sub-campus are working hard and the time is not far when the sub-campus will be one of the best educational institutions in the province. On this occasion, Dr. Ghulam Sarwar Solangi, Dr. Vedan Das, Naveed Abbasi, Saleem Chang, Mohammad Nawaz, Naeem Akbar, Taufique Nizamani and Miss Lubna Khoso and others were attended the event.

Pakistan Defence Day Celebrated

Defense Day of Pakistan celebrated with students of Bukhari Model High School on September 6 2021. Exhibition of models and paintings were also organized by students on the occasion of Pakistan Defense Day, Dr. Fateh Muhammad Marri, Vice Chancellor and other officials of Sindh Agriculture University Tandojam visited the Exhibition, Students dressed in military uniforms paraded to show their love for the Pakistan Army and the country, and paid tribute to the martyrs, the exhibition was inaugurated by Vice Chancellor Sindh Agriculture University Dr. Fateh Marri appreciating the excellent performance of the



students in the exhibition. Vice Chancellor said that the Pakistan Army had sacrificed its lives for the defense and integrity of the country; he said that the Students of Bukhari Model School have paid homage to those who were martyred in the cause of the country by holding this exhibition. "Thanks to the sacrifices of these martyrs, the flag of Pakistan is flying high all over the world," he added. The nation is proud of the Armed Forces of Pakistan, to which no enemy can dare to look with a dirty eye. Director Sindhiology, Dr. Mehmood Mughal, Dr. Ismail Kumbhar, Dr. Javed Sheikh, Jam Ghulam Murtaza Sahto, Director Campus Muhammad Ashraf Rustamani, Officers Association representative Muhammad Shahmeer Lochi, Faqir Muhammad Dhol, and A large number of school teachers and students participated.

World Literacy Day Celebrated at SAU

World Literacy Day Celebrated at Sindh Agriculture University Tandojam under the 2021 theme "Literacy for a human-centered recovery: Narrowing the digital divide" on September 9, 2021. Dr. Fateh Muhammad Marri, Vice Chancellor, Sindh Agriculture University Tandojam highlighted the importance of Literacy day in connection with theme. The Faculty, Students, Officers and Employees of SAU participated in the event followed by Walk from Dr.A.M.Shaikh Building to Main CPD gate.



Training Workshop on Locust Prevention

One day Training Workshop on Locust Prevention was jointly organized by Sindh Agriculture University Tandojam and Sindh Rural Support Organization SRSO was held at the Faculty of Crop Protection on Sep 9th 2021. Addressing to inaugural event of training workshop on locust prevention Dr. Jan Mohammad Marri, Dean, Faculty of Crop Protection, said that the United Nations Food and Agriculture Organization (FAO) was feared in its report that locust attacks would cause severe damage to Rabi and Kharif crops in Pakistan, a report released in May 2020 revealed that locusts attacks can cost the country a total of four billion dollars. He said that farmers of developing countries are adopting environmentally friendly methods to prevent attacks of locust and other diseases and destroy harmful pests through technology, through this training workshop, participants will learn advanced information about locust and they will be able to guide farmers in their areas on how to prevent locust attacks. Mr. Abdul

Jabbar Bhatti of Sindh Rural Support Organization (SRSO) said that the youth of our organization are helping the poor people in the backward districts of Sindh, who are suffering from various problems including locust and other disease; this training workshop is fruitful for our team to deal with locust attacks. He said that technical assistance was required from the agricultural experts of Sindh Agriculture University in this regard, who have given very good guidance through training today. Locusts is still a threat in Sindh. In the past, locusts have damaged crops more than 2-Lac acres in most districts of Sindh, attacks on orchards, vegetables and crops gave financial loss to farmers. On the occasion, the experts of Plant Protection, Sindh Agriculture University Prof. Dr. Imran Khatri and Aftab Jarwar trained the learners regarding to prevent the growth of locusts and how to protect possible attacks and damage to crops, Social Workers from Badin, Sukkur, Mirpur Khas, Hyderabad participated in this training workshop.



National Workshop on Sports & Health

55th Meeting Sub-Committee of Pakistan University Sports Board (PUSB) & National Workshop on Sports and Health started at SAU in collaboration of HEC Islamabad from September 13-15. Dr. Fateh Muhammad Marri, Vice Chancellor, SAU presided the session. Apart from the Vice Chancellor of SAU, Vice Chancellors from 16 public and private universities of the country and Directors Sports of more than 90 universities of the four provinces, Azad Kashmir and Gilgit-Baltistan also participated in the event. While addressing Dr. Fateh Marri, said that SAU is fully aware of all issues related to agriculture, food security, climate change and agricultural research, but for the first time, a national level event has been organized at SAU to enhance of sports in universities of Pakistan,

Addressing the Event, the special guest and Provincial Secretary for Sports and Youth Affairs Syed Imtiaz Ali Shah said that the government of Sindh should encourage sports, from school to university level, sports related

curriculum will be included, which will be based on 40% theory and 60% practical. He said that Sindh's sports policy has

not been formulated after 18th amendment, nor laws have been made for Sindh Sports Board yet, we are working on it. Addressing through video link Dr. Shaista Sohail, Executive Director, HEC, said that HEC is committed to expanding healthy activities in universities and new sports projects are expected in the universities from this national workshop and 55th meeting of Pakistan University Sports Boards, She said that HEC is working for the development of sports at the university and school level. Engr. Javed Ahmed Memon, in-charge Director General for Sports and Kamyab Jawan sports and Curriculum Division of HEC, said that the Higher Education Commission has sufficient budget for sports and healthy activities and sports directorates in universities can be further improved. He said Judo Academy at SAU. International football academy at Karachi University, Boxing Academy at Lyari University and High Performance Center at NED University will be established soon. Dr. Khalid Mohammad Iraqi, Vice



Chancellor University of Karachi said that there is an urgent need to encourage sports, we have started giving scholarships to the sportsman students who play and sponsorship is also being given to support. Dr. Muhammad Aslam Uqaili, Vice Chancellor Mehran Engineering University said that in order to achieve the desired results, we have to adopt institutions, so universities have to say "my University" instead of "our University". Dr Muhammad Siddique Kalhoro Vice Chancellor University of Sindh Jamshoro said that the university has been suffering from financial crisis for the last two years, therefore sports activities have been suspended, and a special grant should be given to University. Dr. Samreen Hussain Vice Chancellor Begum Nusrat Bhutto University Sukkur said that sports opportunities should be created for women and girls. Dr. Bekha Ram, Vice Chancellor, Liaquat University of Medical Sciences said that according to research by the Psychiatric Society of America,

physical exercise and sports increase the mental capacity of students by 20%, suicide is on the rise due to mental stress, Prof. Dr Anila Atta-ur-

Rehman, Vice Chancellor Shaheed Benazir Bhutto Medical University Larkana said that due to lack of budget, we are facing difficulties in paying salaries, therefore the Higher Education Commission and Sindh Government should release special grants for universities. Dr. Khalil Ahmed Ibuputo, Vice Chancellor, Shah Abdul Latif University, Khairpur Mir, Dr. Tayyaba Zarrif, Vice Chancellor, Government College University, Hyderabad, Dr. Parveen Munshi, Vice Chancellor, University of Sufism and Modern Sciences, Bhitshah, Dr. Bhai Khan Shar, Vice Chancellor, Shaheed Allah Bakhsh Soomro University of Art, Design and Heritage, Dr Saleem Samo, Vice Chancellor Quaid-e-Awam Engineering University Nawabshah, Dr Akhter Baloch, Vice Chancellor Lyari General University Karachi, Dr Amanat Jalbani Vice Chancellor Shaheed Benazir Bhutto University Shaheed Benazirabad, Prof. Dr. Muhammad Ismail Kumbhar, Director Sports Anwar Hussain Khanzada, Dr. Tehseen Fatima and others also addressed, while cultural gifts were given to the guests.

Tripartite MoU signed for Onionsets

Tripartite MoU have Signed between SAU, Sindh Enterprise Development Fund (SEDF) and H.S Group for the development of onion sets research held at the Sindh Agriculture University (SAU) on September 15, 2021. Large number of Farmers, Faculty, Agriculture Experts and Researchers participated in the tripartite agreement among University, Sindh Enterprises Development Fund and HS Group of companies for research on various new varieties of onion through Dutch technology. Dr. Fateh Muhammad Marri, Vice Chancellor, Sindh Agriculture University presided over the event, while Syed Qasim Naveed, Special Assistant to Chief Minister for Investment, was the special guest. Dr. Fateh Marri, Vice Chancellor, SAU, Mehboob ul Haq CEO Sindh Enterprise Development Fund and Anwar Ahmed, CEO of HS Group of Companies, signed the MoU.

Agriculture Experts, Academia, Progressive Farmers, Government and agro-industry stakeholders have proposed to intensify joint research for modern agriculture, marketing and certified seeds in Sindh, and to produce vegetables, fruits and their products up to international standards. Expressing their views on the importance of modern agriculture and investment for development, experts said that investment by public and private sector in agriculture and implementation of modern agricultural methods is expected to increase the country's GDP by 6% expected to reduce the poverty rate by 50% by 2030. According to the agreement, seeds of the world's top 20 onion varieties will be produced through Dutch technology, according to local climate at the Plant Quarantine Research Station at SAU, and will later be distributed to seed farmers, onion seeds will be able to produce twice in 5 months while their production capacity will be 100%, and the yield would be 6 times more than local varieties, and shelf life and size of these commodities are better for export.

On the occasion Dr. Fateh Marri, Vice Chancellor, said that the government should provide loans in easy installments to the farmers for the development of agriculture to meet seeds, fertilizers and other agricultural needs, he said that if the government invests Rs. 20 billion and the private sector Rs 80 billion in agriculture and they are producing better yields through certified seeds, they can contribute to the country's GDP of 6%, through exporting their agriculture products, while the poverty rate can be reduced by 50% and employment can be increased by 50% and the problem of food



security can also be solved, he said that research work on disease free mango, wheat, cotton, vegetable seeds is going on at our established research station.

Provincial Assistant Syed Qasim Naveed said that universities are at the hub of agricultural development in the world where experts, farmers, Industries innovative research and new trends in food security are being introduced. He said that with the development of agriculture, Sindh and the people of province will develop; we will work together with Sindh Agriculture University on various projects, he said that the principles of export and value chain could create new avenues of development for the farmers. Mr. Mehboob-ul-Haq, CEO of Sindh Enterprises Development Fund said that with the establishment of Plant Quarantine Research Station in the SAU, research will be done on Dutch technology of onion, which will enable export quality onions. Mr. Qabool Mohammad Khatian, Chairman Left Bank Canal Area Water Board said that the import of agricultural Varieties became more expensive due to the rise in the value of the dollar while the shortage of water has also caused significant damage to agriculture, however, IRSA did not provide the required supply of irrigation water to Sindh Province, he said that the students of the university have to improve the quality of research and academic as in future they will face many challenges in agriculture and exports. Farmers leader Syed Nadeem Shah Jamote said that Sindh Agriculture University has filled the gap in farmers, researchers, industry and government. Anwar Hussain, CEO of HS Group of Companies said that India is one of the largest exporters of onions in the world, there is need of research on export quality commodities through the joint cooperation of all stakeholders. Prof. Dr. Muhammad Ismail Kumbhar and Dr. Zahoor Soomro also spoke on the occasion.

Seminar on Use of Technology for Food Security

Seminar on "Use of Technology for food security " was organized at the Sindh Agriculture University, in collaboration with Agriculture Department Government of Sindh, USAID Pakistan Agricultural Technology Transfer Activity and Center for Agricultural Biosciences International on September 22, 2021. Expressing concern over climate change in the country, Agriculture Experts and Agro-Industrialists have termed climate change,



unseasonal rains and global warming as more dangerous for agriculture, urges that farmers adopt modern farming methods and use of modern agricultural technology from sowing to harvesting. While Addressing Prof. Dr. Muhammad Ismail Kumbhar, said that the use of modern technology in the agricultural economy could alleviate food shortage, in the current situation, climate change is severely affecting agriculture, which has not only adversely affected production, but also quality, causing severe hardship to the farmer. He further said that Sindh is contributing its best share to the country's GDP through agricultural production; he said that Sindh government has formulated an agricultural policy in which a strategy has been formulated to address water scarcity. However, a modern institution is needed to tackle climate change challenge. Mr. Waqar Ahmed, Director for USAID-Pakistan Agriculture Technology Transfer Activity has said that "We are introducing modern technology programs in agriculture, Last year, 11 mango processing plants were set up in Punjab and six in Sindh," he said. Due to which the production and export of mango increased. Dr. Liaquat Bhutto, Director, Agricultural Research Institute, said that due to major changes in the climate of the region, seed production capacity has declined, while common diseases have turned into major diseases. He said that major complaints of seeds coming from Punjab have been received. The Sindh government has introduced an application under the Information Communication System to guide the Farmers; this will be of great help to the farmers. Deputy Director Agriculture Extension Riaz Ahmed Memon, Technical Specialists Rana Wajid, Abdul Samad, Umair Solangi and others also addressed the seminar, while representatives of Information and Agro Pharmaceutical Companies Zeeshan Saleem Arain and others also briefed the farmers about the products of their companies. large number of farmers from Tando Allahyar, Chambar, Tandojam, Khesana Mori, Matiari and other areas attended the Seminar.

Ph.D Degree Awarded to Scholar

Ms. Saba Parveen Samo, a Ph.D Scholar, Department of Physiology and Biochemistry, Faculty of Animal Husbandry and Veterinary Sciences, Sindh Agriculture University, Tandojam, has completed her Ph.D by researching the nutritional requirements of goats and completing her dissertation, Saba Parveen Samo has been awarded a Ph.D degree, a brief ceremony was held at the Vice Chancellor's Secretariate on September 24, 2021, where she presented her thesis to Vice Chancellor. On this occasion, Vice Chancellor, SAU said that livestock has a very important role in agriculture, now livestock has become an industry, therefore more research is needed in this field, including Sindh are direct affiliated with animals at their home and women experts can help rural women to protect their livestock from diseases, nutritional needs of animals and financial gain through milk,

butter, yogurt and dairy products. PhD scholar Ms. Saba Parveen Samo has proved in her research that many countries, including Pakistan, do not have the required amount of selenium in their soil, due to which cattle suffer from malnutrition related diseases, so selenium should be included in the nutritional requirement. Dr. Syed Ghiyasuddin Shah Rashdi, Dean, FAHVS, Dr. Mubeen Lodhi, Director Advanced Studies, Dr. Moolchand Malhi, PhD Supervisor, Dr. Saeed Ahmed Soomro, Dr. Syed Atta Shah and the father of the student, former Professor Dr. Muhammad Uris Samo were also present.



Memorial Reference in Loving Memories of Prof. Dr. Rajab Ali Memon

Memorial Reference in loving memories of Prof. Dr. Rajab Ali Memon organized at SAU on September 29, 2021 presided over by Dr. Fateh Marri, Vice Chancellor Sindh Agriculture University Tandojam, a large number of working and former Vice Chancellors, academicians, writers and students paid him tributes. Former and Founder Vice Chancellor of Sindh Agriculture University Dr. Abdul Qadir Ansari, Former Chairman of Pakistan Science Foundation and Former Vice Chancellor of Sindh Agriculture University Dr. Bashir Ahmed Sheikh, Vice Chancellor of University of Sufism and Modern Sciences Dr. Parveen Munshi, Former Vice Chancellors Dr. Muhammad Safar Mirjat and Dr. Zaheer-u-ddin Mirani were among the dignitaries participated in the reference. Addressing to the reference Dr. A.Q Ansari, founding Vice chancellor of SAU said how they formed a team comprising dedicated teachers to conduct meetings with parents in different districts of Sindh province to increase enrollment, required for the running university. He further said in this move Dr Rajab Memon played an active role as researcher and teacher and made untiringly efforts to motivate students and building infrastructure. He said this missionary spirit is missing in the educational institutes as well as in the whole society. He said we should develop parameters as per need of moment like set by Dr. Rajab to promote research and education.

Vice Chancellor Dr. Fateh Marri, said that due to the guidance of Dr. Rajab Memon, his students under his care are holding various positions. Dr. Rajab Memon was a leader and he worked seriously in education and research and built institutions and taught his students honestly. He said that his focus was on the development of the people of Sindh, the betterment of society and the establishment of institutions in line with international standards, He said that Dr. Rajab Memon has been a dynamic figure in the field of teaching and research and under his guidance we have worked with him on various projects in the deserts and mountains of Sindh, and he replaced the traditional and superficial work and introduced the trends of exploration, and he did not remain indifferent to any affairs of Sindh.

Vice Chancellor Dr. Fateh Marri announced that we are organizing an honorary corner in the name of our Teachers, who have rendered valuable services in Sindh Agriculture University, in which scholarships will be given

in their name to pay homage to these personalities, and in this regard we will raise funds and start scholarships for students, in this regard, the first scholarship of a Master's student will be given in the name of Dr. Rajab Memon from next year.

Dr. Bashir Ahmed Sheikh, former chairman of Pakistan Science Foundation Islamabad and former vice chancellor of Sindh Agriculture University, said that Dr. Rajab Memon and I had a PhD from Iowa State University USA, he was an honest man.

Dr. Parveen Manshi, Vice Chancellor, University of Sufism and Modern Sciences, said that It is because of Dr. Rajab Memon, I have completed my PhD Degree, under his supervision and he guide me like his family member.

Addressing online, Dr. Mujeeb-u-ddin Sahrai, Vice Chancellor of Sindh Madrasat-ul-Islam Karachi, said that Dr. Rajab Memon was not just a regional and provincial figure, rather, he was a national and international figure and his work was very positive and of interest to the country and the people, he influenced the youth and considered it his national cause to help them,

Mr Imran Memon younger son of Dr Rajab Memon said that Dr. Rajab Memon was a kind father, he made many people a capable and successful man like a Sculptor, we always saw our father busy in life, and he Interested in books, we saw them especially concerned about friends and students of Sindh Agriculture University.

Prof. Dr. Muhammad Ismail Kumbhar said that Dr. Rajab Memon was a lover of Sindh, He considered his students as his friends and that is why his students hold important positions today. Earlier, Dr. Aijaz A. Khooharo, Dean, Faculty of Social Sciences, welcomed the guests, while Registrar Ghulam Mohiyuddin Qureshi highlighted the life and achievements of Dr. Rajab Memon. Arbab Rameez, Dr. Junaid Memon, Dr. Abdullah Arijjo, Prof. Ali Nawaz Leghari, Prof. Suresh Kumar Wadhvani, Dr. Hemandas Lohano, Abu Sajid Mohammad Samo, Faqeer Mohammad Dhol, Gul Hassan Leghari also addressed on the occasion.

On this occasion, Dr. A.Q Ansari, Dr Fateh Marri, Dr. Parveen Munshi and others jointly inaugurated a library named after Dr. Rajab Memon in the Faculty of Social Sciences, where former retired Professor Dr. Muhammad Ismail Rind handed over a donation cheque of Rupees One Lac.

Glimpses of Memorial Reference Prof. Dr. Rajab Ali Memon



Ehsaas Scholarship Cheques Distribution Ceremony

Cheques distribution ceremony was organized at SAU on September 30, 2021 among deserving and eligible students under the Ehsaas Undergraduate Scholarship Program merit and Need based scholarship of Government of Sindh. Dr. Fateh Muhammad Marri, Vice Chancellor said that federal and provincial governments have provided many scholarship opportunities for deserving and eligible students to facilitate higher education and improving the academic performance of students is a prerequisite, therefore students should attend classes for their better education. He said that Sindh Agriculture University is providing best educational opportunities and facilities to poor students, modern, professional and scientific facilities are available in institution to students from rural and urban areas of Sindh. Dr. Marri said that jobs in private and public sector institutions,

organizations and agro-based industries would now be available on the basis of merit and experience, so students should benefit from scholarships and internships and during the interview in any organization, you should prove your personality confident, attractive and dignified. Prof. Dr. Muhammad Ismail Kumbhar, Director, University Advancement and Financial Assistance, said that 296 cheques have been distributed in the first phase of PM Ehsaas Scholarship and 46 cheques have been distributed under Need-cum-Merit Scholarship of Sindh Government. He said that there are many opportunities for performance-oriented scholarships, but for that the academic performance should be good, while there are also scholarship opportunities for female students for the postgraduate degree program by USAID 2021.



National Center for Livestock Breeding, Genetics inaugurated

National Center for Livestock Breeding, Genetics and Genomics sub-center established at Department of Animal Reproduction, Faculty of Animal Husbandry and Veterinary Sciences, Sindh Agriculture University in collaboration with the Higher Education Commission on October 4, 2021. While addressing to the inauguration ceremony, Dr. Fateh Marri, Vice Chancellor said that Sindh is the second largest milk and meat producing province in the country, but there is a danger of limiting the hereditary and rare breeds of animals, there is an urgent need to save and Sindh Agriculture University is well aware of its role in this regard and is committed to disseminating the results of the advanced research of our experts to the farmers. Academician from various universities across the country, Farmers and civil society has expressed concern over the dangers to endangered indigenous breeds of cattle in Sindh. The need to reach out to Farmers was emphasized. Experts said that buffaloes, goats, the number of purebred breeds of various livestock, including sheep, have become extremely limited, there is a special need for modern technology and farmer's guidance for their protection.

Dr. Qamar Uz Zaman, Vice Chancellor, Pir Mehar Ali Shah Arid Agriculture University Rawalpindi said that there are excellent livestock opportunities in Sindh, research work and interest of experts in University is commendable. "Agriculture and livestock have now converted in the industry, so the Public, Private and Academia will have to work on joint projects," he said. Dr. Bekha Ram Devrajani, Vice Chancellor, Liaquat University of Medical and Health Sciences, Jamshoro, said that SAU has the best infrastructure for various experiments in animal husbandry and Veterinary Sciences; we want to start research work in various fields with the laboratories of Faculty. Ali Akbar Dars a Progressive Farmer said that there was a time when

our Thari cows used to produce 20 to 22 kg of milk at Nabsar Cattle Farm, later, due to the change in race, she has now come down to two kilograms, purebred cows are



still producing the best on my personal farm," he said. "Given the interest of the university administration, experts and research work today, we hope to save our own breeds of hereditary animals. Dr. Parshotam Khatri, in-charge of the project, while giving a detailed briefing on the project, said that the center would conserve the reproductive pure seed of cattle, buffaloes, cows, goats, sheep and other livestock. In this regard, field work will also be done for the rare breeds, while the endangered species of healthy and rare and best animals of Sindh will be saved. As well as DNA tests will also be conducted to verify purebreds,

Dr. Syed Ghiyasuddin Shah Rashdi, Dean, Faculty of Animal Husbandry and Veterinary Sciences, Dr. Aqeel Memon, Dr. Rehana Bariro and others also addressed the function. Earlier, Dr. Fateh Marri, Vice Chancellor SAU Tandojam, Dr. Qamar Uz Zaman, Vice Chancellor, Arid Agriculture University Rawalpindi. Dr. Bekharam Devrajani, Vice Chancellor Liaquat University of Medical and Health Sciences Jamshoro, Dr. Khalil Ahmed Ibuputo, Vice Chancellor Shah Abdul Latif University Khairpur Mirs, Dr. Bhai Khan Shar, Vice Chancellor Shaheed Allah Bakhsh Soomro University of Art Design and Heritage and others inaugurated the sub-center and laboratory of the National Center for Livestock Breeding Genetics and Genomics.



World Food Day observed at SAU

World Food Day was celebrated at Sindh Agriculture University Tandojam, in the collaboration of Fuji Fertilizers Company (FFC) and Seminar was organized on October 16, 2021, under the theme "Safe food now for a healthy tomorrow". Addressing the seminar, Vice Chancellor Dr. Fateh Muhammad Marri, said that in the country including peoples of Sindh do not have enough food to eat and the poverty rate is high, most people go to bed without food. He said that in the past, experts had predicted that the world would be devastated by hunger and starvation due to the growing population, but Agriculture scientist have thwarted such theories through science, saying steps must be taken to save the world from food wastage and that agriculture is the only sector that is playing a key role in food security and poverty alleviation. "Even today, 17% of our agricultural produce is wasted and more than 30% of food is dumped on garbage dumps," Abdul Jaleel Jarwar, Deputy Project Manager Marketing (FFC), said, "There are fears of more food problems in the world in the future, our country's population is growing," and cultivable land is dwindling, so we should take advantage of new technology to do more research on maximizing production from limited land, so that food problems in the country can be solved. Prof. Dr. Muhammad Ismail Kumbhar, Director UA&FA said that the FAO's State of Food Security report states that 820 million people worldwide suffer from malnutrition, while 70 percent of the world's population lives in poor and resource-poor rural areas, which are constantly plagued by hunger, he said various disasters, water shortages, droughts, changes in agricultural land settlements, climate change and Pollution is the cause of food shortages. Dr. Aljaz Hussain Soomro, Director, Institute of Food Sciences and Technologies said that the large migration is taking place due to food insecurity and Pakistan is facing similar

problems. He said that the Pakistani people waste an estimated 40% of their food every year, which is 36 million tonnes, and Pakistan ranks 92nd out of 116 countries in the Global Hunger Index report on food insecurity, with a score of 24.7. Dr. Tahseen Fatima Miano said that in addition to increasing production per acre for food security, there is also a need to research alternative sources of food, women and children are the most vulnerable to food insecurity. Dr. Syed Ghiasuddin Shah Rashdi, Dr. Jan Mohammad Marri, Principal Dr. Mohammad Ibrahim Keerio, Principal Dr. Allah Wadhayo Gandahi, Dr. Inayatullah Rajpar, Dr. Syed Ziaul Hassan Shah and others were also present on the occasion. Awareness rally was also organized on the occasion of World Food Day, while students of the Institute of Food Sciences and Technologies organized a Posters exhibition and variety of food items stalls, including pickles, sauces, jams, jellies, bakeries, juices, cakes. Stalls were included and different scientific posters were hosted. Vice Chancellor Dr. Fateh Marri also visited the stall and exhibition and the committee finalized the names of participant students Prince Osama first, Suman Devi second and Lavait Kumar secured third position in food atom preparation competition, while Uzma Naz got first, Shaista second and Ansiya Zahra third position in the scientific poster competition, on the direction of the Vice Chancellor, they were awarded cash prizes and certificates.



FAO's Technical Advisor visited SAU

Technical Adviser of FAO in Pakistan Ms. Emelda Berejena visited Sindh Agriculture University on October 20, 2021 met with Dr. Fateh Muhammad Marri, Vice Chancellor, and discussed issues of mutual interest. Sindh Agriculture University (SAU) and Food and Agriculture Organization (FAO) have agreed to work together on Green Climate Fund, water management courses will be proposed in the curriculum of Sindh province and joint research on different fields of Food, Agriculture and Climate Change. Experts will work on research and surveys in different fields related with Agriculture. During the meeting, Ms. Emelda Berejena said that we want to set up a FAO Center at Sindh Agriculture University and establish a Green Climate Fund in the institution. Experts from University will conduct joint research on drought,



Environmental Pollution, Effects of Climate Change, Indus Delta, Agronomy, Horticulture, Soil Science, Water Management and other areas, related with Agriculture," she added. Dr. Fateh Marri said that SAU is conducting research on various agricultural issues in collaboration with various national and international institutions, especially on Food Security, Climate change, pure seeds of different crops, fruits, and Vegetables and indigenous species of Live Stock. He said that full cooperation would be extended to FAO for setting up of FAO Center at University and research work would be started with FAO on various projects as well as proper management of irrigation water, which will improve the agriculture of Sindh and provide better benefits to the farmers, while a course on proper use and importance of water will be introduced in the curriculum of Sindh. Representatives from Green Climate Fund Mr. Ashfaq Ahmed Nahyoon, Mr. Ali Kumbhar and Dr. Muhammad Ismail Kumbhar, Director University Advances and Financial Assistance, Sindh Agricultural University also share their views on the occasion.

SAU Endowment Fund Meeting held

Sindh Agriculture University made important decisions during a meeting of the SAU Endowment Fund on October 21, 2021 to set up to provide more scholarship facilities to its students. The meeting was presided by Dr. Fateh Marri Vice chancellor SAU, teachers and heads of various departments, Progressive Farmers participated, where it was decided to approach the Sugar industry, Agro-based industries and alumnae for scholarships and financial assistance for deserving and meritorious students of the university. A meeting of university officials and progressive famers was held at committee room on Thursday, besides the Vice Chancellor, former Professor and Consultant Dr. Kazi Suleman Memon, Dean Dr. Aijaz Ahmed Khoonharo, Director University Advancement and Financial Assistance Prof. Dr. Muhammad Ismail Kumbhar, Academic Advisor to Vice Chancellor Dr. Abdullah G. Arijio, Director Finance Anil Kumar, Registrar Ghulam Mohiyud-Din Qureshi, Prof. Dr. Zia-ul-Hassan Shah, Dr. Aijaz Soomro and Dr. Zulfiqar Yousfani of Sindh Aabadgar Board and Mr Nabi Bux Sathio of Chamber of Agriculture participated. The meeting decided to create more opportunities of scholarships to deserving and meritorious students and to organize a get-together event and festival for university's alumni to give a chance them to serve their institution, and meetings will be scheduled with Sugar Industries, Seed, Fertilizer companies, Dairy, Pesticide, Food, Agro-based Industries, Processing Plants, Livestock and Chamber of commerce for financial assistance in providing scholarship. A series of meetings will be initiated to help the poor students of the institution in scholarship and endowment fund and in this regard it was decided to form a committee based on progressive farmers with the faculty and administration of the university. Dr. Fateh Marri informed the meeting that Sindh Agriculture University was providing higher education facilities to the poor students of the province and everyone should play their role to help the deserving students. He said that financially stable personalities can also start scholarships named after themselves or their parents. Earlier, Director University Advancement and Financial Assistance Dr Muhammad Ismail Kumbhar briefed the meeting on scholarships, opportunities and the status of SAU Endowment Fund.



International Conference on “Innovative Trends in business

The 2nd International Conference on “Innovative Trends in business and technology (ICITBT 2021)” was organized by Sindh Agriculture University Tandojam on October 23, 2021 in collaboration with German based “Innovative Knowledge Sharing Platform”, while the experts from 26 countries presented their papers and submit their suggestions during an online conference at the Information Technology Center of the Sindh Agriculture University. The Information technologists, Experts, Researchers and academicians have called the implementation of information technology in agriculture, environment, manufacturing, industry and marketing, as an everlasting source of the world's industrial and economic development and emphasis on the transfer of advanced technology till the grassroots level.

Dr. Fateh Muhammad Marri, Vice Chancellor, SAU focused on Agriculture sector of Pakistan and presented his paper on “Challenges and opportunities in Agriculture sector of Pakistan in general and Sindh in particular. He said that research is ongoing in the all components related to Agriculture, industrial and business, climate change, food security, growing population, agricultural development, livestock, agribusiness, agri-tourism, agri-byproducts, because the survival of the whole world is linked to agricultural development, he urged that experts from developed countries should include developing countries in their programs.

Prof. Dr. Hafiz Abid Malik, Chairman, ICITBT, said that information technology and innovations play an important role in all sectors of the Science and Business. "Today's scholars need to focus on research partnerships, technology and logistics management. Prof. Dr. Bruce Spencer, a professor from Canada, presented his paper on the application of machine learning techniques in sensor data and said that IT has revolutionized the world, overseas business, communication and production, this sector has a key role in innovations, and we can solve various problems and create new projects in this regard. Speaking on traditional manufacturing and industrial practices in the wake of the Fourth Industrial Revolution, Dr. Sameera Iqbal from the United Arab Emirates said that the world is rapidly moving towards industry, and innovation in manufacturing in developed countries and Environment and perfection are given priority, and students in universities around the world, including Pakistan, need to be encouraged to specialize in the logistics engineering of the Engineering, Technology and Sciences Division. Dr. Nayara Radwan, a Prof. King Abdul Aziz University in Jeddah, Saudi Arabia, presented a paper on smart and sustainable energy and waste management for cities, saying that the world's economies face various challenges, including growing populations, epidemics and climate change. Energy is also a major problem in big cities, He said that energy generation from waste needs to be done to reduce the impact of pollution, while creating smart and modern energy in addition to waste. Experts and students also presented their research papers during conference, including Prof. Dr. Aijaz A. Khooharo, Dean Faculty of Agricultural Social Sciences, Director Information Technology Center Dr. Mansoor Hyder Deper, IT experts Dr. Mir Sajjad Hussain Talpur, Dr. Zulfiqar Ahmed Mahar, Dr. Muhammad Abrar and Dr. Muhammad Yaqoob Koondhar Conference Coordinator and other keynote speakers shared their perspectives on modern business and technology trends. During the conference, 178 papers on proposing fields were presented, out of which 76 papers were approved.

Quiz and Poetry Competition organized at SAU

After the Pandemic of Covid, Student recreation activities have resumed at Sindh Agriculture University, with the Quiz and poetry competition held on October 25, 2021 in collaboration with Entomological Society of Sindh (ESS) at Faculty of Crop Protection October 25, 2021, hosted by the Sindh Agriculture University, University of Sindh Jamshoro, different teams students participated in the Quiz Competition. Sindh Agriculture University took third position in the quiz competition, with Mastermind by 200 points, Wiz Mind with 190 points and Googlers 170 points. In the third position, Yasmin, a first-year student for comic poetry, and Khalid Brown, a student of File Air, won the winners, while Sindh University teams Bazar Kings fourth and the challengers took fifth position. Dr. Fateh Muhammad Marri, Vice-Chancellor said that the trend of excellence and qualification is increasing in every sector including world education from the higher educational institutes, young people go to different fields including agriculture, science, art, engineering, medical, but at the same time sports, The arts showcase their excellence in the fields of art, art and other fields, so not only should a young person have the ability to be teaching, but at the same time, their mental development is essential due to the modern and physically dynamic needs of the university. We are conducting great

committees on students and teachers for various healthy activities sectors including sports, quiz, drama, speeches, arts jokes, which will give students the opportunity to showcase their talent, Dr. Jan Mohammad Marri, Dean, FCPT, said that not only this quiz but create an environment for highlighting the talent of the students, but the quiz also included questions related to the students' subjects so that they could have the opportunity to

read, watch and learn information about their subjects. Dr. Aijaz A. Khooharo, Dean, FASS, said that the university is involved with healthy activities started after the corona Pandemic. If left out of a frozen and

intimidating situation, the students are the leaders of our nation, so through such positive activities, the students will be helped to strengthen their moral, social and welfare society, said Prof. Dr. Imran Khatri. through this society, students were given opportunities in various fields including poetry, tablos and were encouraged to get prizes. Dr. Agha Mushtaq, Prof. Rifat Sultana from Sindh University Jamshoro, Dr. Barkat Bughio and others also spoke on the occasion. Vice Chancellor Dr. Fateh Marri, Deans and Guests distributed Shields, Certificates and Cash Awards to Successful Teams.



Awareness Seminar on Role of Agriculture Investment

Awareness seminar on the “Role of agricultural investment in the economic development of the country” was held at Sindh Agriculture University Tandojam in collaboration with the Small Medium Enterprise Development Authority at SAU on October 26, 2021. While addressing the seminar Ms. Ayesha Ikram, Director General Human Resources, Higher Education Commission, said that there is a need to change the crop pattern of farmers in the country and agriculture should be seen as a developing agro-industry rather than just a livelihood profession and the biggest role in this can only be played by agricultural graduates. She suggested to the Agriculture Graduates prepare their projects under the “Kamyab Nojawan Program” of Government of Pakistan. The successful projects will be funded for their projects, there are ample business opportunities in various sectors related to agriculture, in which agricultural products, dairy, poultry, vegetables, fruits and organic agricultural products are also important, so the youth should take advantage of the opportunities in agricultural investment with the help of institutions like SMEDA. Dr. Zaffar Siddiqui, Director, ORIC Isra Medical University, Hyderabad said that the youth can contribute through



small and medium enterprise to build their viable career in Pakistan, Dr. Muhammad Ismail Kumbhar, Director, UA&FA said that the opportunities of small and medium business related with agricultural and livestock are available for the youth of the province, he emphasize the need for cooperation, to help young graduates to run their own businesses, Mr. Mazhar Furqan, Director Program, (SMEDA) said that Sindh Enterprises Development Fund (SEDF) will provide financial support for business and facilitate business plans to youth as Agri-entrepreneur, he said that in most of the countries of the world where agro-industry is important and agribusiness has been given more priority, youth from our country have need to prioritize own business, which can empower the youth.

Scholarship Opportunities Meeting held at SAU

Meeting of Scholarship opportunities for the students was held at SAU on October 27, 2021. Ms. Ayesha Ikram, Director General Human Resources and Development, HEC, Islamabad attended the meeting with university officials regarding scholarship opportunities for the university students, she also attended an awareness session for students and answered questions from students regarding scholarships. She urged the alumni, private sector, business organizations and industrialists to come forward for support of university and students, the first alumni festival in the history of the university was also announced to be held in December. Dr. Qamaruddin Chachar, Dean, FCPD, Dr. Abdullah G. Arijo, academic Advisor to the Vice Chancellor and Dr. Muhammad Ismail Kumbhar, Director, UA&FA gave a detailed briefing about university and available resources of scholarships. While Ms. Ayesha Ikram appreciated the establishment of endowment fund of the university and scholarship opportunities for deserving and



meritorious students and said that a large number of students studying in Sindh Agriculture University belong to poor families. Director HEC Rao Muhammad Azhar said that there are sufficient scholarship opportunities for meritorious and deserving students. The Alumni Festival will be held at the Agriculture University in December, in which HEC officers and alumni will also participate. He said that we are trying to ensure the development of the university and the payment of scholarships for the students so that more and more students can benefit from these opportunities. On the occasion, Prof. Dr. Qamaruddin Chachar welcomed the guests and appreciated the efforts of HEC for the students of SAU, Dr. Syed Ghiyasuddin Shah Rashdi, Dean, FAHVS, Dr. Jan Mohammad Marri, Dean, FCPT, Ghulam Mohiuddin Qureshi, Registrar, Anil Kumar, Director Finance, Prof. Dr. Syed Zia-ul-Hassan Shah were present on the occasion, while the students participated in question-answer session during the event.

UNFAO Country Head Pakistan, visited SAU

Ms. Florence Rolle, accompanied by Dr. Aamir Irshad, Director Programs, visited the Sindh Agriculture University (SAU) on November 1, 2021 and discussed issues of mutual interest with the university authorities, and visited various departments of the University. Ms. Florence Rolle, Country Head of Food and Agriculture Organization of the United Nations in Pakistan, says the United Nations is playing a key role in food security and agricultural development around the world, no doubt many problems are arising because of climate change, growing population and pollution, while the dilapidated state of agricultural land and the growing poverty situation is a major challenge for countries like Pakistan. She said UNFAO is working together with different institutions in Pakistan for the development of Agriculture and to resolve the problems related to agriculture and food security, she added that SAU has excellent infrastructure and capable experts; they are also setting up an FAO center at University. Dr. Aijaz A. Khooharo, Dean, FASS, SAU said that University is already a partner of UNFAO and working in the field of Agriculture and Animal Sciences and aware about national and global issues, and transfer of new technologies with technical assistance to local farmers and investors for the development of agriculture and agri-entrepreneurs. Focal Person and Director, UA&FA, Prof. Dr. Muhammad Ismail Kumbhar welcomed the



distinguished guests on behalf of the Vice Chancellor, while giving a brief presentation on the achievements and research efforts of Sindh Agriculture University, Dr. Ismail Kumbhar said that the University is committed to liaising with national and international organizations for agriculture, climate change, food security and sustainable agriculture and achieving food security strives to improve quality higher education. Dr. Inayatullah Rajpar briefed Ms. Florence Rolle, about the new initiatives and future plans of the University, he said that the university is working on agricultural waste and fiber is produced from banana waste, while research work is also underway on modern technology for the survival of indigenous and rare local breeds of animals. Dr. Aamir Irshad, Project Coordinator, Mr. Ali Dino Kumbhar also expressed their views on the occasion,

Seminar on World Science Day organized at SAU

Seminar on World Science Day for Peace and Development jointly organized by Students-Teachers Engagement Program (STEP) at SAU, Tandojam on November 10, 2021. Dr. Fateh Muhammad Marri, Vice Chancellor presided the seminar, while addressing he said that science is the cause for the development of all the developed countries of the world, therefore development in agriculture, medical, information technology and other fields will make the country prosperous and reduce poverty. Flight Lieutenant (R) Syed Mussarat Shah, head of the National Program for Students of Pakistan (SoP) said there are many concerns about food security in the country, if research is not taken into interest, there will be buildings but people will not have anything to eat, students should not only think about passing exams but also focus on research and experiments. She said that China has three hours of theory and nine hours for experiments, Ms. Surhan Aijaz Abro, Assistant Commissioner, Hyderabad Rural said that today's youth have more responsibilities than ever before, children should be accustomed to science and research rather than games or entertainment through mobile or other means, Ms Zahida Detho, Head, SRPO, said that students graduating from SAU can change the social life of the people of their areas. Dr. M. Ismail Kumbhar, Director, UA&FA, said that good governance in government and political affairs, equitable distribution of water, better use of resources and prevention of corruption would improve law and order and positive dialogue on research and issues will help in scientific development, therefore institutions should adopt new and modern scientific policies. Advocate Saima Abro, M. Wasif Panhwar, Dur-e-shahwar Veesar and others addressed the seminar. Dr. Aijaz Ali Khooharo, Dean FASS, Chairman STEP, Miss Nabila, Director Student Affairs Dr. Abdul Wahid and others also present on the occasion.



Evening with **Bakhshan Mehranvi** organized at SAU

An evening with Sindh's renowned poet, Anchor Person, comparer Bakhshan Mehranvi was organized at SAU on November 11, 2021, hosted by SAU Alumni Society, Student Teacher Engagement Program. Large number of teachers, students and employees and people from other areas participated in the event. While addressing the event, Dr. Fateh Muhammad Marri, Vice-Chancellor, said that Sindh Agriculture University has the degree of Paradise and Gul Varsity of Sindh. This university has created many flowers, including Bakhshan Mehranvi, it is an honor for the University that the student of Agriculture University has received many awards including Bakhshan Mehranvi Pride of Honor, Latif Award, sachal award. Bakhsh Mehranvi is proud to be a student



of the Agriculture University. Dr. Khalil Ahmed Ibupoto, Vice Chancellor, Shah Abdul Latif University Khairpur Mirs, said that Sindh Agriculture University has taken on a new tradition of paying tribute to its alumni into their life. He is lover of Sindh including SAU. There was a risen of healthy activities in SAU during his student era. Mahmood Mughal, a renowned writer and composer, who has played a central role in such activities as art and jokes. He established his unique position in powerful voice and TV media and introduced new trends in the English media. From this stage I started my journey of life and whatever I am today its because of Sindh Agriculture University, he said Vice-Chancellor Dr. Fateh Mari and I pray for those who are my teachers, renowned author Nasrin Altaf said that our old relationship with forgiveness. Yes, he is a dynamic and knowledgeable writer, he said that Bakhshin worked hard to bring English media up to the world stage. He played a major role in shaping up, saying that in an era when we had problems accessing institutions to showcase our skills, Forgiveness encouraged us and helped provide us with opportunities, said another Doctor of Social Sciences faculty. Dr. Aijaz Ali Khooharo, Dr. Abdullah Arijio, Dr. Muhammad Ismail Kumbhar, renowned poet Aasi Zamini, senior journalist Mahesh Kumar, Riaz Imrani and others addressed. Talking about Bakhshan Mehranvi's personality through video link, BBC writer and scholar Wismatullah Khan said that it is a great honor to give data to a graduate by a teacher, and Bakhshan acknowledges it, saying Bakhshan English poetry That is a big name, but his role in Sindh's culture is praiseworthy, said former MPA and renowned personality Mehtab Akbar Rashdi. Performing his services in the courtyards of Ayaz and Qalandar, Bakhshin loves poetry, and he has proved himself to be one of the most respected in his life, renowned poet Aakash Ansari said that Bakhshan is a Maharashtrian Revival. He said that Bakhshan is a very talented personality in Sindh, Bakhshan is a poet, singer, editor and TV comparer. There are many sides to him, including Anchor, in all these aspects he has immersed himself in, and he is a syndical figure, renowned poet and columnist Mazhar Brown said that all the techniques of giving forgiveness to the concert come true, he is eleven and eleven. Sufi personality, he is a great poet, Magnetic personality is loved by all Sindh. Vice Chancellor Dr. Fateh Mari, Vice Chancellor Dr. Khalil Ahmed Ibupoto, Prof. Dr. Qamaruddin Chachar, Dr. Aijaz Ali Khooharo, Prof. Dr. Syed Ghayasuddin Shah Rashid, Dr. Jan Mohammed Marri, Dr. Mehmood Mughal, Dr. Abdullah G. Arijio, Pir Ahmed Naqi Shah, Ghulam Mohiuddin Qureshi, Anil Kumar, Dr. Mohammad Ismail Kumbhar, Dr. Mubeen Lodhi, Senior Journalist Mahesh Kumar, Ishaq Mangrioy, Shabbir Nizmani, Aasi Zameeni, Nasrin Altaf, Khalid Rasool Abbasi. Khalid Jogi, Akbar Pali, Manzar Raipur, Ali Dost Ajiz, Majeed Mehranvi, Mithal Jaskani, Dr. Aijaz Soomro, Dr. Imtiaz Nizmani, Shafqat Qadri, Mustafa Nagaraj, Shahzad Kaka, Dr. Shahnawaz Marri, Rohal Kalro, Sohrab Soomro, Asghar Khoso, Ali Gul Mallah and large number of his attendants, including Faqir Muhammad Dhole, Gul Sher Lochi, Ahmad Khan Mangi, Mumtaz Ahmed Jakhro, Riaz Umrani, Murtaza Chandio, Dureshahwar Veesar, Wasif Panhwar, Muhammad Ashraf Rustmani, Aziz Gopang, and many others attended.

First Thar Cultural & Traditional Festival organized at SAU

The First Thar cultural and Traditional Festival was organized at Sindh Agriculture University (SAU) Tandojam on November 18, 2021, under the auspices of Thari Students Council (TSC) and Student Teachers Engagement Program (STEP), presided over by Dr. Fateh Marri, Vice Chancellor, SAU. Addressing to inauguration ceremony Dr. Fateh Marri said that in order to develop Thar, there would have to be innovation in agriculture, and new projects in agriculture and livestock would have to be proposed. He said that there are huge opportunities, potential in agriculture and livestock in the arid areas, therefore



a sub-campus of the Sindh Agriculture University has been set up in Umerkot. Dr. Bhai Khan Shar, Vice Chancellor, Shaheed Allah Bakhsh Soomro University of Art, Design and Heritage said Pakistan does not have modern equipment to export to the world or more technology than developed countries, but Agricultural products and handicrafts can be exported to different countries of the world and investment in tourism can contribute to national development, he said Thar is rich in resources, which need to be examined and there is an urgent need for agricultural research in Thar. Former Vice Chancellor of Shaheed Benazir Bhutto Veterinary University Sakrand and eminent veterinary expert Dr. Jay Mal Dhanani said that livestock and agriculture are very important in the livelihood and business of Thar, therefore Research Institutions and the government should be serious to engaging youths of thar in the both fields and need of create more opportunities of scholarships for Thari students. Zahida Detho, head of Sindh Rural Partner Organization, said that Thari woman is the bravest woman in the world, she faces many difficulties, at the same time, the Thari women raise their children through carpet-making, agriculture and cattle-raising and handicrafts, so the girls there should come to education and research to reduce the burden on women. Prof. Muhammad Ismail Kambhar, Secretary STEP said that Sindh Agriculture University has laid the foundation of a new tradition with academic and research, he said that Thar Festival is not only an entertainment program for the students but also an attempt has been made to highlight the issues and opportunities related with thar. Director General Agriculture Research Sindh Noor Mohammad Soomro, Social Leader Marvi Awan, Deans Dr. Qamaruddin Chachar, Dr. Aijaz Ali Khoharo, Dr. Syed Ghiasuddin Shah Rashidi, Dr. Naimatullah Leghari, Dr. Jan Mohammad Marri, Dr. Abdullah Arijjo, Dr. Abdul Wahid Baloch, Dr. Altaf Siyal, Dr. Syed Ziaul Hassan Shah and others were present. During the Thar Festival, exhibitions and stalls were set up for Thari cultural dresses, vegetables and fruits, cultivation and thari hereditary household items, which were visited by Guests. Thari Students Shankar Singh Sodho, Suresh Kumar, Ahmed Ali Rahmon, Nand Lal Bheel, Paromal Maharani, Bilawal Banbhan, Suman Devi, Kainat Halepoto, Surath and others organized the Event.



Glimpses of Thar Cultural & Traditional Festival



SMART CAMPUS Project Inaugurated at SAU

Sindh Agriculture University (SAU) became the first 'Smart Campus' in the province, Special Assistant to the Chief Minister Tanzila Qambrani inaugurated the system along with SAU Vice Chancellor. Sindh Agriculture University Tandojam has become the first "Smart Campus" in the province, with the support of the Higher Education Commission; the entire university has been connected to the Internet. The System was inaugurated by Ms. Tanzila Qambrani, Special Assistant to the Chief Minister for Information Science and Technology, Dr. Fateh Marri, Vice Chancellor SAU and Mr. Nazaeer Hussain, Director General Higher Education Commission at IT new Building on November 27, 2021. While addressing the inaugural ceremony, Dr. Fateh Marri, Vice Chancellor, said that it was an honor for the Sindh Agriculture University to become the first "Smart Campus" of Sindh Province, "7000 users affiliated with teachers, researchers and



administration will be connected to the smart campus" he added. Dr. Marri said that records of university admissions, examinations and administration would be digitized, thus classrooms, libraries, seminars and conferences would also be connected to the Internet and the university would be connected to national and international academic and research institutions. As well as, the world's modern science curriculum will be easily accessible to students, while the textbooks approved for the university are being scanned and uploaded on their website. He said that various universities of the country including Sindh Agricultural University were facing financial difficulties; the Sindh Government should help the universities to overcome the deficit by releasing special grants and budgets to fulfill the best academic responsibilities in the universities of the province. Tanzila Qambrani, Special Assistant to Chief Minister Sindh for Information Science and Technology and Chairperson of Standing Committee of Universities and Boards Sindh, said that Sindh government was fulfilling its responsibilities for academic facilities in the universities of the province, It has been decided to give IT zone status to Karachi, Jamshoro and Sukkur to facilitate higher education institutions in the province, which will not only make the universities smarter but also benefit them in business activities. "COVID-19 was a trouble on the one hand, and on the other, Covid encouraged us to understand and learn about the modern world for assembly sessions, conferences and online classes," she added. Ms. Tanzila said that six universities of Sindh have been connected with IT, while the remaining six universities would be connected with free IT facility. Addressing the event, Mr. Nazir Hussain, Director General, Higher Education Commission, Islamabad, said that modern educational environment is being provided to millions of students of 230 private and public universities of the country and their affiliated campuses and colleges, he said that the research and education system has been developed through information technology to connect the students of the national and international universities for academic links, while the Smart University Program, Pakistan Agricultural Research Network and other programs have been started.

SAU Pays homage to renowned Agriculture Scientist

Sindh Agriculture University (SAU) pays homage to renowned agricultural scientist Karam Khan Kaleri, SAU VC also announced honorary PhD Degree and a Lifetime Achievement Award for renowned scientist. A tribute ceremony was hosted by Student Teachers Engagement Program of SAU on 2 December 2021, the country's leading agricultural scientist Karam Khan Kaleri has been lauded for his brilliant and exemplary inventions of various varieties including wheat and cotton, ceremony was preside by Dr. Fateh Muhammad Marri Vice Chancellor. Dr. Ghulam Raza Bhatti, Vice Chancellor Sheikh Ayaz University Shikarpur, Progressive Farmer Mir Muhammad Khokhar, Niaz Ahmed Bodani and various personalities and experts were guest during the ceremony. Addressing on the occasion, Dr. Fateh Marri, said that Karam Khan Kaleri had invented the most productive wheat crop in the history of Pakistan, which is being cultivated on millions of acres across the country, he said that there was a time when wheat had to be imported from abroad but Karam Khan Kaleri is a great scientist who has produced seeds of many varieties of wheat in the country, among these varieties are TD1 and TJ83.

The Vice Chancellor announced that Karam Khan Kaleri will be awarded an honorary degree of PhD, VC SAU awarded Karam Khan Kaleri the Lifetime Achievement Award. Dr. Ghulam Raza Bhatti, Vice Chancellor, Sheikh Ayaz University, Shikarpur, said that Karam Khan Kaleri is a benefactor of the whole of Pakistan, including Sindh; he said that Karam Khan Kaleri has a huge role to play in developing excellent varieties of agricultural commodities in Pakistan, he is an asset of the country. He said that there is no shortage of food in the country; instead, 30 to 40 percent of food is wasted in the country, which needs to be saved, he said that universities are providing trained manpower for industries. Leading scientist and breeder of the country Karam Khan Kaleri said that the honor bestowed on me by the university cannot be forgotten. "There is scope for further research on varieties in the country, If the government cooperates, I will be able to conduct more experiments on seeds and food for the Farmer Mir Muhammad Khokhar said that developed countries always remember their heroes; he said that Sindh Agriculture University is paying homage to the great scientist of the country in his life which is a commendable process, and need to benefit from their experiences and abilities. He said that these researches not only made the country self-sufficient in wheat but also increased the yield per acre for the farmers. Dr. Muhammad Ismail Kumbhar, Dr. Shahnawaz Marri, Dr. Muharram Qambrani, Dr. Shabana Memon and others also addressed the event, Vice Chancellor Dr. Fateh Marri awarded Shields to Gul Sher Lochi and Mubeen Magsi for making a documentary on the life of Karam Khan Kaleri. Deans Dr. Qamaruddin Chachar, Dr. Aijaz Ali Khooharo, Dr. Ghiyasuddin Shah Rashdi, Dr. Naimatullah Leghari, Dr. Jan Muhammad Marri, Prof. Dr. Abdullah Arijo, Dr. Zia ul Hassan Shah, Dr. Aijaz Soomro, M Mithal Jiskani and large number of teachers, students, Farmers and experts were present.



Dr. A.Q. Mughal Library Inaugurated at SAU

The library of the Faculty of Agricultural Engineering of Sindh Agriculture University (SAU) is attributed with the name of Dr. A.Q. Mughal, former Vice Chancellor of the university. Dr. A.Q. Mughal and Dr. Fateh Marri VC SAU inaugurated the library and new extension building of the Faculty of Agricultural Engineering on December 3, 2021. Dr. A.Q. Mughal is an academican, researcher, former chairman of the University Grants Commission and former Vice Chancellor of Sindh Agriculture University and remain on different positions in Federal and Provincial Institution as well as member of different international organizations. Speaking on the occasion, former Vice Chancellor Dr. A.Q. Mughal said that COVID-19 has badly affected the education of the country; now students in cities have to be woken up and brought to the classrooms. He told that we are working on a project to address the academic and research damage caused by Covid. He said that the graduates of Sindh Agriculture University were rendering excellent services in institutions across the country; meanwhile, the graduates of University are serving as Vice Chancellors of five universities of the country, including three universities of Sindh. He said that there should be no injustice with merit in academic and research standards and appointments. Dr. Fateh Marri, Vice Chancellor, Sindh Agricultural University, said that he has followed in the footsteps of his teacher, with the efforts of Dr. A. Q. Mughal, university graduates are serving in various universities and institutions. Prof. Dr. Naimatullah Leghari, Dean, Faculty of Agricultural Engineering, said that it is a great honor for us, to name the Faculty Library as Dr. A. Q. Mughal because Dr. Mughal loves the faculty and he is a great name as academican in the country. Dr. Muhammad Ismail Kumbhar, Dr. Siraj Ahmed Siyal and others spoke on the occasion, large number of faculty members, teachers, officers and students participated in the event.



World Soil Day observed at SAU

World Soil Day was jointly organized by Sindh Agriculture University Tandojam in the collaboration with Soil Science Society of Pakistan, Department of Soil Science and Farm Advisory Center (FFC) on December 5, 2021. While addressing the seminar on "Halt soil Salinization, boost soil productivity" Dr. Fateh Marri, Vice Chancellor, SAU, said that climate change, rising substandard groundwater in agriculture land and sea water interference are the main reasons for the increase in salinity in agricultural land. He said that with a focus on reducing the salinity of the soil, research on crop cultivation on saline affected lands should be intensified, he also announced the establishment of Bio-Saline Agriculture Center at SAU. Dr. Inayatullah Rajpar, Chairman, Department of Soil Science, said that agricultural land of Sindh is most affected by salinity, although no salinity survey has been conducted in Sindh for a long time, at present 6.3 million hectares of land is deteriorating due to salinity. Abdul Jaleel Jarwar, Deputy Manager Marketing, Fuji Fertilizer Company, said that we have to live with the soil affected by salinity, therefore, biological control can be used to grow crops on land, "at present agricultural land covers an area of 7.9 million hectares affected by salt" he added. Mr. Nizamuddin Depar, head of the Soil and Environmental Sciences at the Nuclear Institute of Agriculture, said many crops could be cultivated under bio-saline agriculture, adding that housing schemes were increasingly being built on agricultural land. Dr. Ghulam Murtaza Jamro, General Secretary, Soil Science Society of Pakistan, said that healthy soil is an important component of agriculture, agricultural scientists can solve the problems facing local farmers by providing them with the latest technology information on soil fertility. Mr. Mehboob Ali Siyal, Director, Nuclear Institute of Agriculture, Dean Dr. Naimatullah Leghari, Dean Dr. Syed Ghiyasuddin Shah, Mr. Zahoor Ahmed Palejo, Project Manager, Action Against Hunger Pakistan, Pir Ahmad Naqi Shah and Dr. Ziaul Hassan Shah Dr. Syed Javed Shah, Nabi Bakhsh Jamro, Abdul Jalil Jarwar, Zahoor Ahmed Palijo, Dr. Saleem Bhatti and others participated in the event. A poster exhibition was also displayed by the students regarding the soil in which Miss Iqra first, Miss Razia Sultana second and Miss Alia Rajput got third position, the Vice Chancellor distributed cash prizes among the successful students.



Book Launching Ceremony organized at SAU

The launching ceremony of the book "Covering Agriculture" compiled by agricultural expert Naveed Ahmed Abbasi and Prof. Dr. Aijaz Ali Khooharo was held on 9 December 2021. Dr. Fateh Muhammad Marri, Vice Chancellor said that the economic situation in Sindh is worrisome, even today 70% of the people are forced to live below the poverty line, the daily wage of laborers in different areas including Badin, Thatta, Tando Allahyar is less than one



dollar, People are suffering from food shortage, with regard to the budget allocated by the government for higher education, the government spends 77% of the total student expenditure while the student spends 33%, so the students should work hard on education, he said that only 10% of the youth in the country are pursuing higher education, while 90% of the youth are deprived of 'higher education'. Mr. Ali Hassan Bhutto, Chairman, Sindhi Skilled Development Program (SSDP) of the Sindhi Association of North America (SANA), said that Sindh has fewer students in US educational institutions than other provinces, SANA is striving to enroll sindhi students in US, In this regard, they are also training them online, while also providing scholarship opportunities for Sindhi students. Addressing the ceremony, Dr. Aijaz Ali Khooharo, Dean, Faculty of Social Sciences, said that books are the best friend for students, for students, researchers and agricultural experts, the book "Covering Agriculture" preserved the latest information about the basic aspects of agriculture and the agricultural sector. Naveed Ahmad Abbasi, compiler of the book said that modern knowledge from crop production technologies up to the basic aspects of fertilization has been included in this book, which will be helpful for agriculture experts and graduates. Dean Faculty of Crop Production Dr. Qamaruddin Chachar, Prof. Amin Muhammad Soomro, Dr. Velo Soothar and others were also present on the occasion.

Farewell ceremony of First Batch of Umarkot Campus

The first batch of Umerkot sub-campus of Sindh Agricultural University completed its bachelor's degree, Farewell ceremony was organized on December 9th 2021, in the honor of passed out students, by the undergraduate students, Director Campus and the Deputy Commissioner participated as special guests. The first batch of sub-campus Umerkot affiliated to Sindh Agriculture University Tandojam has completed its first four-year bachelor's degree, on completion of the



first batch; a grand farewell ceremony was organized in their honor, Dr Jan Muhammad Marri, Director Campus and Nadeem-ur-Rehman Memon, Deputy Commissioner Umerkot were the special guests. Speaking on the occasion, Dr. Jan Mohammad Marri, Director Campus, said that the sub-campus graduates from Umerkot should use their potential for agricultural development in other areas including Thar, we are introducing information technology as well as various degree courses in the sub-campus, along with Diploma in livestock. Nadeem-ur-Rehman Memon, Deputy Commissioner Umerkot said that after the establishment of sub-campus of Sindh Agriculture University in Umerkot, expectations for development and prosperity in different areas of the city and Thar have increased. He said that the interest of Dr. Fateh Marri, Vice Chancellor, Sindh Agriculture University for sub-campus Umerkot, along with solving the problems of farmers and cattle farmers of the area, is also fulfilling the dream of higher education of their children. Mustafa Khoso of Sami Foundation said that the sub-campus in Umerkot, Thar would play a bridging role in various research, survey and community welfare activities with various stakeholders. Dr Vishandas, Saleem Chang, Muhammad Nawaz Mir Bahr, Imam Bakhsh Chachar and others also spoke, while the students who completed their degree expressed their views. A cake was also cut during the farewell party for the first batch on this occasion.

Workshop on Regenerative Agriculture Production System

A workshop on “Regenerative agriculture production system (RAPS)” was organized on December 10th 2021, in collaboration with Livestock and Fisheries Department at Senate Hall, Sindh Agriculture University Tandojam and awareness seminar on the project on prevention of malnutrition in children and families through natural food. Addressing to Seminar Minister for Livestock and Fisheries Government of Sindh, Abdul Bari Pitafi said that despite non-investment in agriculture for the last 72 years, it still contributes more than industry to the country's GDP. He said that the health sector of the province has a budget of Rs. 250 billion while the livestock department has a budget of Rs. 6.5 billion. He said that due to lack of required attention and investment in agriculture, its share in GDP has come down from 53% to 21%. Dr. Fateh Muhammad Marri, Vice Chancellor, Sindh Agriculture University, Tandojam, said that mental and physical weakness is on the rise in Sindh, especially among women and children, due to malnutrition, therefore, the use of dairy and agricultural products and improved ecosystem will provide better manpower to the country from future generations, he said, adding that resettlement of arid and saline lands and improvement of soil fertility will solve many agricultural problems.

Hamid Jaleel, a member planning commission Pakistan said that , we are destroying the natural system, due to the old methods of cultivation, we are eliminating underground fertility, soil moisture and carbon by blowing it into the air, killing beneficial bacteria and soil by all means, Dr. Nazir Hussain Kalhoro, D.G. Livestock said that malnutrition has created a dangerous situation which will prevent 50% of the youth from getting jobs and business in the next 20 years; He said that at present the rate of youth in the country is 64% and due to malnutrition the rate will be reduced to 27% after 20 years. Agriculture Expert from Punjab Mr, Asif Sharif said through online speech that the country's agriculture is going through a critical period, the future of agriculture is declining due to growing population and lack of understanding of agricultural farming conditions. Syed Mehmood Nawaz Shah, Vice President Sindh Aabadgar Board said that modern agriculture can give better results. Syed Miran Mohammad Shah, Chairman Chamber of Agriculture said that we are experimenting in different ways, but institutions must address issues related to agriculture on a priority basis. Shabnam Baloch, Provincial Leader, International Trade Center (GRASP), said that value chain and livestock by-products should be given priority in agriculture; she said that agriculture in the world is run by the private sector, so now it has to be understood as an industry. Dr. Muhammad Ismail Kambhar, Dr. Abdullah Sethar and others spoke on the occasion. Director General Agriculture Research Noor Muhammad Baloch, Progressive Dr. Zulfiqar Yousafani, Zahid Bhargari, Syed Zazar Haider, Syed Noor Muhammad Shah, Nabi Bakhsh Sathio, Karim Talpur, Sharif Nizamani, Agha Zafarullah Durrani, Commander Atif and other progressive farmers, Agriculture Experts, personalities from different fields participated.



Virtual Zoological Congress held at SAU

The 40th three-day World Zoological Congress (International) and the first Virtual Zoological Congress, hosted by Sindh Agriculture University Tandojam in the collaboration with Higher Education Commission (HEC) and Zoological Society of Pakistan (ZSP) and inauguration ceremony was held on December 14th 2021. Prof. Dr. Muhammad Iqbal Chaudhry, Director General of International Center of Chemical and Biological Center (ICCBS) and Coordinator General of COMSTECH was the special guest, while Dr. Fateh Marri, Vice Chancellor, SAU, Dr. Muhammad Farooq Hassan, Vice Chancellor of Shaheed Benazir Bhutto University of Veterinary and Animal Sciences, Dr. A. R. Shakoori, President and Abdul Aziz Khan, General Secretary (ZSP) and other agricultural experts from across the country participated. Addressing on the occasion, Prof. Dr. Muhammad Iqbal Chaudhry said that zoology is an important part of science which affects the whole ecology including humans, animals, and plants and there is a lot of research being done in this regard all over the world, he said that during COVID-19,



scientists began research and discovered the vaccine in March 2020, he said, adding that bioscience is a biological solution for all living things, as well as research is being done on the development of generations and longevity and health of a human being. Dr. Shahid Mehmood Baig Chairman Pakistan Science Foundation, in his online address said that quality science education is key for solving energy crisis, economic and environmental problems as well as all problems. He said that experts should focus on science for the survival of our future generations and bring the standard of academic and research to such a height that it can bring real and beneficial change in the society. Dr. Fateh Marri, Vice Chancellor, Sindh Agriculture University, said that in order to solve economic and environmental problems in Pakistan, experts from all fields would have to give importance to new topics of their research. He said that we are expanding research in the country to ensure agricultural seeds, breeding of livestock, agriculture in arid and saline infested areas. Dr. A.R Shakoori, President of Zoological Society of Pakistan, said that scholars should publish their research articles in journals and ensure research environment instead of adding more names in the dissertation. He said that today's students are tomorrow's scientists, and should be encouraged because in the future only science can deal with food security, climate change and disasters. Earlier, General Secretary Zoological Society of Pakistan, Mr. Abdul Aziz Khan gave a briefing on the performance and plans of the society, while Prof. Dr. Abdullah G. Arijo and Maria Izhar also addressed the event. Later, in recognition of outstanding services in the field of Biology, Human Genomics and Science, Prof. Dr. Shahid Mehmood Baig was awarded "Prof. Dr. Muzaffar Ahmed Lifetime Achievement Award 2021", and Prof. Dr. Farah Rauf Shakoori was awarded "Zoologist of the Year". Award 2020", Shield and Certificates was awarded to Prof. Dr. Muhammad Pervez Iqbal, Prof. Dr. Muhammad Akhtar, Prof. Dr. Juma Khan Kakar and Prof. Dr. Nusrat Jahan, Gold Medals were awarded to Dr. Muhammad Sajid Hamid Akash, Dr. Muhammad Irfanullah, Dr. Sher Khan Panhwer Among the students and scholars Mahim Arif, Samin Fatima, Maria Aziz, Dr. Hina Manzoor, Dr. Bushra Siyal, Sana Rifat, Tayyaba Amin, Nazia Nawab, Khushboo, Jafar Hussain, Maryam, Kamran Ali Abro were awarded Gold Medals.

SAU holds Prayer Ceremony in memory of APS martyrs

In memory of the martyred children of Army Public School Peshawar, a Prayer Ceremony was held at Sindh Agriculture University (SAU), on December 16, 2021. Candles were lit and flowers were placed in front of the pictures of martyred students. On the day of martyrdom of 147 students of Army Public School in Peshawar, a special prayer ceremony was organized in front of Dr. AM Sheikh Auditorium Hall of University, to express tribute to the martyred students. Dr. Fateh Muhammad Marri, Vice Chancellor SAU Faculty Deans, Dr. Syed Ghiyasuddin Shah Rashdi, Dr. Aijaz Ali Khooharo, Dr. Jan Muhammad Marri, Prof. Dr. Muhammad Ismail Kumbhar, Dr. Inayatullah Rajpar, Dr. Shahnawaz Marri, Dr. Manzoor Abro and a large number of teachers and students attended, where prayers were also offered for the martyred children. Later a rally was also held, in which the children of Bukhari Model High School participated, the children of the school were holding various placards and pictures of the martyred students in their hands, as well as the students also sang "I have to teach the children of the enemy". (Mujhe Dushamn ke bachon ko parhana he). Addressing to the relay Vice Chancellor, Dr. Fateh Marri said that the enemy of education is the enemy of the country and we will not allow the enemy to attack on education. He said that the students of Sindh are also saddened on the APS incident, "The sacrifices of our children will not go in vain and we will work for our country with new determination and will defeat the enemies of education and the country with education," he said. Prof. Dr. Ismail Kumbhar and students also addressed on the occasion.



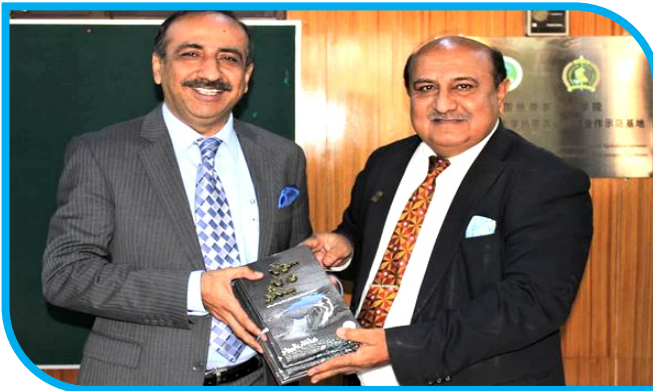
PhD Degree Awarded to Various Scholars

Various Scholars of Sindh Agriculture University were awarded PhD degree, Gulbahar Pussio researched on Tomato and Bina Khanzada on sugarcane diseases, copies of the dissertation were presented to the Vice Chancellor. Two scholars of different departments of Faculty of Crop Protection, have been approved for their PhD degree, after completing research on disease in Tomato and Sugarcane and its strategies for its control, Mr Gulbahar Sipio a scholar of department of Plant Pathology conduct his PhD research on "Investigations on Fusarium wilt of Tomato caused by Fusarium oxysporum at their management", and Bina Khanzada, a scholar of the Department of Entomology of the same faculty, conducted her PhD research on "Potential of parasitoid, Cotesia flavipes for population management of stem borer in Sugarcane", in the light of research work by both scholars the Board of Advanced Studies recommended for awarding PhD degree, Speaking on the occasion, Vice Chancellor Dr. Fateh Marri said that basic research conducted in universities would benefit the common farmer and agriculture; therefore scholars should ensure that the benefits of this research reach the farmers during their careers. Supervisors of both the scholars and related experts including faculty dean Dr. Jan Muhammad Marri, Dr. Allah Wadhayo Gandahi, Dr. Mubeen Lodhi, Dr. Imtiaz Nizamani, Dr. Manzoor Abro, Dr. Imran Khatri, Dr. Bhai Khan Solangi, Dr. Irfan Gilal. Dr. Ibrahim Khaskheli and others were also present.

Scholars of Sindh Agriculture University have been approved for awarding PhD degrees in the light of their research, among these scholars, Syed Rehan Fareed, Scholar, Department of Soil Sciences, Faculty of Crop Production, conducted research on "Establishment of Principles of DIRS in Apple Orchards in Ziarat District, Balochistan", Muhammad Ibrahim Kubar researched on "Easy strategies to protect vegetables from harmful flies", Ms. Shamim Ara Memon, Scholar, Department of Irrigation and Drainage, Faculty of Agricultural Engineering, conducted research on "Future Water Demand and Wheat Grain Production due to Climate Change in Sindh Province". Ghulam Mujtaba Lakho, Scholar, Department of Entomology, Faculty of Crop Protection, conducted research on "Importance of Insects in Agriculture and Complete Information on beneficial and harmful Insects for Farmer community". Illahi Bux Bhatti, a scholar in the same department, conducted research on "Joint Strategies for Controlling Whiteflies in Sugarcane", and Ghulam Shabir Keerio, Scholar, Department of Energy and Environment, Faculty of Agricultural Engineering, conducted research under the title "Changes in Nepalese Biosend Filters to Eliminate Sankhio in Drinking Water". All the scholars handed over copies of their dissertations to the Vice Chancellor Dr. Fateh Marri, the Vice Chancellor congratulated all the scholars on pursuing their PhD degrees. Speaking to the scholars on the occasion, the Vice Chancellor Dr. Fateh Marri directed all the scholars to use this research for the benefit of agriculture and farmers across the country including Sindh. Dean Faculty of Agricultural Engineering Dr. Naimatullah Leghari, Dean Crop Protection Faculty Dr. Jan Muhammad Marri, Director Advanced Studies Dr. Mubeen Lodhi, Dr. Imran Khatri, Dr. Mehrunisa Memon and others were present on the occasion.



Pictures Gallery



Various Delegations Visited SAU



Sports Gallery

The All Pakistan Inter Universities Basketball Championship started under the of Sindh Agricultural University Tandoam in collaboration with the Higher Education Commission, inaugurated by Dr. Fateh Muhammad Marri, Vice Chancellor, Sindh Agricultural University, The first and inaugural match of the Basketball Championship AH Zone was played between the IBA Sukkur and the host Agriculture University teams, the first match of the championship showing the best performance, the IBA Sukkur team won by 28 basketball scores His opponent Sindh Agriculture University team could score 26 baskets, thus IBA scores 11 and Mohammad Musaq 09, while Sindh Agriculture University Syed Rafe 13 and Jind Baloch scored 07 in Basketball Championship. Addressing the inaugural ceremony, Vice-Chancellor Sindh Agriculture University, Dr. Fateh Muhammad Marri said that as sports develop a healthy society, students should focus on educational activities as well as sports activities. He said that winning and losing is part of the game, so it is imperative for the best players to continue to work hard, he said. , Illuminate the name of the nation and the institution, to the ceremony. Director Sports Anwar Hussain Khanzada, informed the guests about the Basketball Championship, Vice Chancellor Dr. Fateh Muhammad Marri was introduced to the players of various teams, Dr. Qamaruddin Chachar, Dean Faculty of Crop Production also present on the occasion. A large number of teachers and students attended the basketball match including Dr. Jan Muhammad Marri, Director Campus Mohammad Ashraf Rustamani, Madam Mumtaz Bano, Madam Rehana Buriro.

