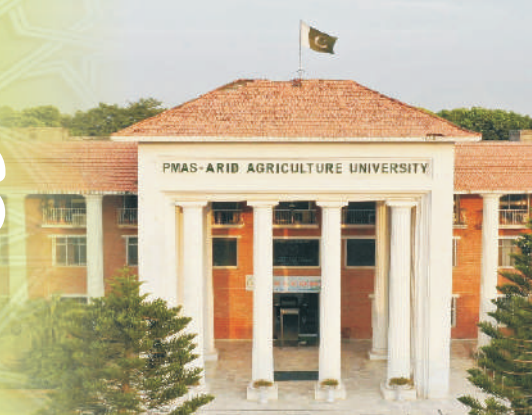




CAMPUS NEWS

Directorate of Public Relations & Publications

Vol: 03, Issue: 14-15



76th Independence Day Celebrations at PMAS-AAUR

Independence Day reminds us of the great purpose for which Pakistan came into being. Vice Chancellor PMAS-AAUR Prof. Dr. Muhammad Naeem expressed these views on the occasion of the celebration of the 76th Independence Day with national enthusiasm at PMAS-Arid Agriculture University, Rawalpindi.

After flag hoisting and cake cutting ceremony, a special seminar was also organized where Vice Chancellor Prof. Dr. Muhammad Naeem, Registrar, Deans, Directors, Administrative Officers, other employees and a large number of students were present.

Speaking on the occasion, Prof. Dr. Muhammad Naeem said that freedom is a great blessing, for which our elders have made a lot of sacrifices to achieve.

He said that it is a matter of concern for us that Pakistan is becoming a victim of terrorism and economic crisis day by day, which our enemy is taking advantage and the only way out is to act on Quaid's saying "unity, faith and discipline". He also appreciated the



sacrifices and the role of Pakistan security forces to keep Pakistan safe & prosper.

He said that Pakistan is facing serious threats for food security and being agricultural scientists it is our responsibility to benefit our farmers from our researches and interventions which will not only develop our agriculture sector to achieve the goal of food security but with the agriculture products export of we will also overcome our

economic crisis. He said that 14th August gives us an opportunity to celebrate independence as well as determine the direction of development of the country. He also urged the youth to contribute fully to the country's economic development.

At the end, the ceremony closed with a special prayer for the security of country and the nation, a monsoon tree planting campaign was also launched.



PVMC permanently accredited the DVM Degree Program with the initiation of postgraduate degree programs of PMAS-AAUR

The decision was taken by the Pakistan Veterinary Medical Council (PVMC) executive committee on the recommendations of PVMC Accreditation & Equivalence (A&E) committee who visited the Faculty of Veterinary & Animal Sciences (FV & AS), PMAS-Arid Agriculture University Rawalpindi to assess the facilities available. The PVMC Executive Committee permanently accredited the FV & AS for their DVM degree program along with the initiation of DVM evening and postgraduate programs in the disciplines of Clinical Studies,



Parasitology & Microbiology, Veterinary Pathology, Animal Breeding & Genetics and Livestock Production & Management. After the announcement of the decision by PVMC, the Vice Chancellor Prof. Dr. Muhammad Naeem congratulated and appreciated the efforts of faculty. He said that the university is working hard towards quality research work and being the head of the institute, it is his prime responsibility to provide the atmosphere where quality education & research can prosper.

Seminar on Biosafety and Biosecurity in Laboratories

Faculty of Veterinary and Animal Sciences (FV & AS), PMAS-AAUR and Pakistan Biological Safety Association (PBSA) Islamabad Jointly organized "Seminar on Biosafety and Biosecurity in Laboratories" on 16th August, 2023. The seminar was attended by undergraduate and postgraduate students and faculty members of different departments.



Dr. Aayesha Riaz, Associate professor, Department of Parasitology and Microbiology welcomed the guests and elaborated the purpose and objectives of the Biosafety and Biosecurity in the Laboratories. Two distinguished speakers; Dr. Muhammad Bilal Habib and Dr. Saira Karimi, presented their presentations. Dr. Muhammad Bilal Habib from National Institutes of Health Islamabad gave a Technical Talk on "Biosafety & Personal Protective Equipment

(PPEs) in Laboratories". He provided a detailed information regarding use of PPEs and benefits of using PPEs while working with the dangerous pathogens. He also explained the consequences, if PPEs are not properly used.

Second speaker, Dr. Saira Karimi Department of Public Health Bahria University Islamabad gave insight about the concept of "Dual Use Research of Concern". She explained that research that, based on current understanding, can be reasonably anticipated to provide

knowledge, products, or technologies that could be directly misapplied by others to pose a threat to public health and safety, agricultural crops and other plants, animals, the environment, or material". Prof. Dr. Arfan Yousaf, Dean FV & AS, also provided detailed information regarding implementation of biosafety and biosecurity measures. He thanked the guests, organizing committee, faculty members and students for organizing and attending the seminars. He also presented souvenirs to distinguished guests.

Monsoon Tree Plantation Campaign started at PMAS-AAUR

Vice Chancellor PMAS-Arid Agriculture University, Rawalpindi Prof. Dr. Muhammad Naeem has inaugurated the Monsoon Tree Plantation Campaign, organized by the University Green Office with the collaboration of the Department of Forestry & Range Management, with an aim to create awareness about the importance of trees and to highlight the significance of a green and healthy environment.

In his message the Vice Chancellor Prof. Dr. M. Naeem has said that the environmental pollution and temperature of Pakistan is increasing day by day due to the highest deforestation rate which is causing food insecurity and the only solution to these challenges is to plant a tree.



He said that trees are the lungs of the earth, which work to provide green shelter in extreme weather conditions, so if we want to keep the earth habitable for humans and animals, we must plant more and more trees.

Planting trees are highly mandatory to curb urban flooding, faced by the country in the present scenario which is causing billions of

economic loss to the country each year, he said.

At the end of the ceremony, Director of the University Green Office (UGO), Dr. Shahid Ali Khan has praised and informed the audience that University has arranged & prepared 10,000 saplings to distribute free of cost to the community during this planting campaign.

Delegation from UNICEF and DoMC visited Center for Precision Agriculture, PMAS-AAUR

A delegation from United Nations International Children's Emergency Fund (UNICEF) and Directorate of Malaria Control (DoMC) visited Center for Precision Agriculture (C4PA), PMAS-AAUR. Dr. Muhammad Naveed Tahir (Project Director, DDSDP) warmly welcomed the participants in Center for Precision Agriculture (C4PA). During his opening remarks, he comprehensively briefed the audience that C4PA is fully equipped and



capable to provide essential technical support for UAVs (Unmanned Aerial Vehicles) operations, including flight planning, speed control, altitude control, and the number of flight missions executed per area.

A joint venture is being planned between the Center for Precision Agriculture (C4PA), PMAS-Arid Agriculture University, United Nations International Children's Emergency Fund (UNICEF) and Directorate of Malaria Control (DoMC), aims to control Arboviral diseases through the implementation of innovative aerial spraying technology. This innovative initiative seeks to utilize the expertise, resources, and networks of the Collaborating Parties and C4PA to execute drone spraying in disease-affected regions. The collaborative effort aims to promote precision health strategies, foster research and technology-driven solutions, and enhance community engagement to combat the impact of diseases on humans especially women and children. Initial plan is to conduct a pilot project for an approximate area of 150 hectares with a timeline of one week for targeted spraying in the infected areas of Islamabad/Rawalpindi.



**Farewell Party in the honour of Prof. Dr. Muhammad Yasin
Ex-Director, Directorate of Procurement & Inventory Control, PMAS-AAUR**

International Seminar on Food, Energy and Water (FEW) Nexus: Challenges and Opportunities in Pakistan



Department of Economics and Agricultural Economics in collaboration with ORIC organized a one day international seminar on Food, Energy and Water (FEW) Nexus: challenges and Opportunities in Pakistan. The seminar was convened by Dr. Muhammad Abdul Rahman under the supervision of Dr. Arshad Mahmood Malik, Chairman DE & AE and facilitated by Dr. Saima Asad, Dr. Nasir Mahmood and Dr. Alia Afzal. Prof. Dr. Lal, K. Almas who is Regent Professor of Agricultural Business and Economics at West Texas A & M University USA was chief guest along with Dr. Imtiaz Ahmad,

Economic Advisor Finance Division who was the guest of honor. Dr. Almas presented his views on the Impact of Energy Consumption on Agricultural Production in Pakistan. He was of the view that energy is the driving element in economic development and its efficient use ensures improved productivity, decreased imports and increased production levels. He also added that energy crisis, agriculture productivity, and poverty are closely related with each other, particularly in rural areas of developing economies. To improve overall production levels in Pakistan, as agriculture is backbone of economy, he

suggested that having combination of irrigation scheduling, improved irrigation equipment, change in crop type and advances in plant breeding can significantly results in higher accumulative water savings than other strategies. A huge gathering of PhD and M. Phil/M. Sc. (HONS) Economic/Agri. Economics scholars and faculty attended the seminar with other notables of university including Prof. Dr. Abdul Saboor and Prof. Dr. Tariq Mukhtar, Dean Faculty of Social Sciences and Dean Faculty of Agriculture respectively. The seminar was followed by a comprehensive questions and answers session.

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