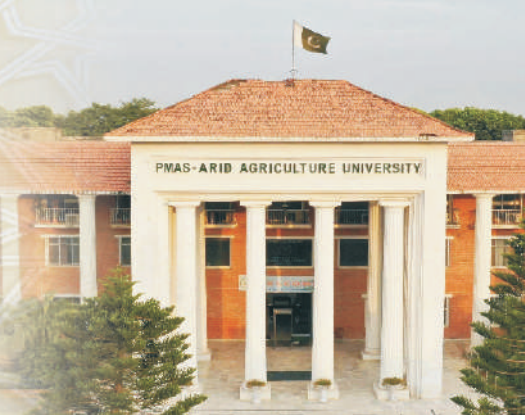




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International Workshop on Applications of Artificial Intelligence in Agriculture

A Two-day (December 13-14, 2023) International Workshop on Applications of Artificial Intelligence in Agriculture concluded at Pir Mehr Ali Shah Arid Agriculture University Rawalpindi (PMAS-AAUR). The workshop was jointly organized by Pakistan Academy of Sciences (PAS), Network of Academies of Sciences in Countries of Organization of Islamic Conference (NASIC) and University Institute of Information Technology (UIIT).

Highly reputed and renowned scientists from different prestigious universities from different countries including USA, Canada, Germany, Finland, UK, Australia, Malaysia, Syria, and Saudi Arabia participated in this workshop. Event was organized in both physical and online mode where some international speakers travelled to Pakistan and physically joined the event and some of them delivered their talks online.

The main objectives of the workshop were to enhance understanding of artificial intelligence



applications in agriculture, alongside the latest developments in this field, will be accessible to attendees. The workshop was also anticipated to inspire further exploration & innovative thinking concerning the integration of AI in Agriculture and to provide opportunity for participants to establish connections with peers and experts, fostering potential collaborations and joint initiatives.

At the concluding session, Prof. Dr. Khalid Mahmood Khan, President Pakistan Academy of Sciences was chief guest while Prof. Dr. Muhammad Naeem, Vice Chancellor PMAS-AAUR was the guest of honor. They thanked the

entire keynote and invited speakers for sparing their valuable time from their busy schedule and to present their quality research work in this workshop.

Prof. Dr. Khalid M. Khan distributed the shields and souvenirs and appreciated the efforts of participants and organizers and all the faculty members for their tiring efforts to organize this workshop. He emphasized that these kinds of events should be organized on a regular basis and a strong collaboration is needed between different educational institutes and industry partners. He also urged the faculty to work on latest technologies.



9th International 18th National Conference on Biodiversity and Medicinal Plants: A Way Forward to Sustainable Development



The 9th International & 18th National three days Conference on Biodiversity and Medicinal Plants: A Way Forward to Sustainable Development (BMP-SD), commenced at PMAS-AAUR. The conference was jointly organized by the Department of Botany, Faculty of Sciences, PMAS-AAUR in collaboration with the Weed Science Society of Pakistan (WSSP) with the focus of biodiversity conservation issues & medicinal plant conservation for product development.

The speakers at the International Conference highlighted the importance of medicinal plants in human life and said that medicinal Plants are the future of Pakistan. They said that Pakistan has rich physical diversity and there is dire need to protect biodiversity for future generations in Pakistan by adopting practical measures and the use of artificial intelligence specially for plant breeding.

Addressing the inaugural session of the conference as chief guest, former Vice Chancellor of Karachi University Prof. Dr. Muhammad Qaiser said that medicinal plants are precious gifts of God and

institutions, academicians, researchers, policy-makers and industries should join hands to do research on medicinal plants.

PMAS-AAUR Vice Chancellor Prof. Dr. Muhammad Naeem, in his address welcomed the participants and said that biodiversity plays a vital role in our life and medicinal plants are the backbone of our survival and sustainable life. He hoped that this conference will not only provide opportunities for collaborative research with related Institutes on one hand and on the other it will also enhance the knowledge of plant conservation and sustainable utilization of plant biodiversity of rare and endemic plants of Pakistan.

Prof. Dr. Rehmatullah Qureshi, Chief Organizer & Chairman Botany explained the aims and objectives of the conference and said that plants are providing basic needs of life. Participants from all over Pakistan from different organizations & institutes including renowned scientist scholars and students in different specializations while participants from different countries, including Egypt, Iraq, Bangladesh are attending this conference.

Expo on Medicinal Plants & Natural Products



2nd International Conference on Bringing Philosophy Back in the Academic Track

The two days “2nd International Conference on bringing Philosophy Back in the Academic Track (ICBPBAT) 2023” held at PMAS-AAUR. The conference was organized by the Faculty of Social Sciences with an aim to explore the ways to bringing philosophy back in the academic track. About 200 research papers relevant to the different subjects of social science were presented in the conference. While senior academicians in the subject of Economics, Education, Sociology, Anthropology, humanities and many other multi-disciplinary subjects from the famous universities of the USA, Austria and China as well as from different universities, and federal ministries and provincial depart-



ments of Pakistan have addressed the conference. The Chief Guest of the two days' conference was Prof. Dr. Samina Malik, Rector, IIU Islamabad and the Guests of Honor were Prof. Dr. Shahid Siddiqui, Ex-Vice Chancellor, AIU, Prof. Dr. Saeed ul Hassan Chishti, Vice-Chancellor, Muslim Youth University, Prof. Dr. Muhammad Naeem, Vice Chancellor PMAS-AAUR and Prof. Dr. Muhammad Zia ul Haq, DG, IRI, IIU, Islamabad. Guest speakers and experts, while

addressing, pointed out the need and demand of philosophy in the academics. They laid the stress that social scientist must adopt the explanations, methods, empirical arguments, theories, hypotheses, and so forth, that actually occurs in the social science literature, past and present.

Overall, the outcomes of the international conference are giving value to philosophy in teaching of various subjects of Social Sciences.

Training Workshop on Queen Rearing and Good Beekeeping Practices for Sustainable Apiculture

A Three Day Training Workshop on Queen Rearing and Good Beekeeping Practices for Sustainable Apiculture (26-28 Dec, 2023) was organized by the Bee Research Unit, Department of Entomology (FA), PMAS-AAUR.

Esteemed speakers and experts from the field shared their expertise during the workshop. 45 participants throughout the country participated and got training on Good beekeeping

practice and scope of apiculture for income generation, , Nosema and Foul Brood management, Bank Financing for beekeeping Entrepreneur, Role of bees in crop pollination and their floral requirements, Hornets, Bee eater birds and wax moth management, Modern method of royal jelly production, Effective marketing of honey for local and international buyers, Planning and execution of Modern Queen Rearing Methods, Standard practices for honey

harvesting and quality assurance for export markets. Vice Chancellor PMAS-AAUR Prof. Dr. M. Naeem participated as a Chief guest. The Vice Chancellor said that bees are crucial for sustainable agriculture to their vital role in crop pollination and biodiversity. He urged the participants to get maximum benefit from the workshop and do profitable beekeeping by getting more honey and other valuable products like royal jelly, pollens, propolis and bee venom.





Canadian Delegation Visited PMAS-AAUR



PMAS-AAUR Signed MoU with Marmara University, Turkiye



76th Meeting of the Academic Council



Director NITSC & PO PRP Mr. Nadeem Ahmad Malik has Completed his PhD in Computer Science



Seminar on “Epigenetics & Animal Nutrition” organized by Department of LP&M

Directorate of Public Relations & Publications (PRP)

Dr. Nadeem Ahmad Malik (Principal Officer, PRP) nadeem.malik@uaar.edu.pk

Website: www.uaar.edu.pk

Muhammad Musa Kalim (Public Relations Officer, PRP) pro@uaar.edu.pk

Facebook: [uaarofficial](#), Twitter: [uaarofficial](#)