



CAMPUS NEWS

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Directorate of Public Relations & Publications

International Seminar on “Efficient Carriers for Microbial Bio-products”



An International Seminar on “Efficient Carriers for Microbial Bio-products” was held at PMAS-AAUR, with an aim to create awareness of microbial bio-products and its role in sustainable crop production. The seminar was organized virtual and physical by the Soil Microbial Bio-product Research Group, led by Dr. Qaiser Hussain, in collaboration with the Institute of Soil & Environmental Sciences and Pilot Project for Data-Driven Smart Decision Platform (DDSDP) of PMAS-AAUR. Vice Chancellor Prof. Dr. Qamar-uz-Zaman was the chief guest while the event was attended by students, faculty members, researchers, policy makers, progressive farmers, seed and pesticides companies, and other stakeholders.

While addressing, Dr. Qamar-uz-Zaman highlighted the different

strategies for sustainable crop production in order to ensure food security in Pakistan. He was of the view that microbial bio-products not only reduce the use of chemical fertilizers but also reduce cost of production. He also talked about social & technical aspects of microbial bio-products for sustainable crop, soil & water management and stressed the adoption of sustainable measures to cope with the adverse effects of climate change.

Dr. Luran Hale, Research Soil Scientist, from United States Department of Agriculture (USDA), California gave a keynote speech on how we can improve the shelf-life of bio-fertilizers and their quality by selecting suitable carrier materials. She recommended the formulation of climate-smart bio-products using biochar as a carrier for microbial inoculants to sustain

the highest viability and quality of bio-products to improve soil health and food security.

Dr. Rabia Khalid from Institute of Soil & Environmental Sciences, shared the results of soil probiotics, developed under the DDSDP project, which were tested on groundnut, maize, sugarcane, and chilies at various farmers' fields including Multan, Attock, and Chakwal.

Dr. Muhammad Azeem moderated the seminar while Prof. Dr. Khalid Saifullah Khan, Director (ISES) welcomed all participants and talked about the harnessing power of soil microbes to improve crop production. At the end, Dr. Muhammad Naveed Tahir, Project Director DDSDP thanked all the participants, chief guest, organizers, and invited speakers for their active participation.

Agriculture Stakeholders Conference



Pir Mehr Ali Shah Arid Agriculture University Rawalpindi (PMAS-AAUR) organized an Agriculture stakeholders' conference here on September 13, 2022, with an aim to harvest constructive feedback on issues related to quality in the agriculture sector, effective management, coordination, and government policies.

The conference was organized by the PMAS-AAUR faculty of Agriculture in collaboration with the Office of Research, Innovation and Commercialization (ORIC).

Vice Chancellor Prof. Dr. Qamar-uz-Zaman was the chief guest while the event was also attended by students, faculty members, researchers, entrepreneurs, thinkers, and industry leaders from banks, development finance institutions, the public sector, and agri sector corporations.

Speakers while addressing highlighted the issues & problems facing the agriculture sector and emphasized reimagining the agri value chain, introducing pro-farmer legislation, and creating an

enabling regulatory framework for promotion of green economy.

Prof. Dr. Qamar-uz-Zaman discussed the development of science and technology in agriculture and stated that this sector can only develop by improving scientific & technological revolution and eco-smart agriculture.

He stressed on industry academia linkages and stated that such events are important for learning, expertise sharing and cooperation between industry & academia.

Stakeholder's Seminar for Industry-Academia Linkages

The Department of Economics & Agri. Economics organized its 2nd Stakeholder's seminar for Industry-Academia Linkages. The seminar was aimed at bridging and improving the gap of Industry-Academia linkage both academically and research and their outcomes for its practical applicability in the real world.

The seminar was organized by Dr. Gulnaz Hameed (Assistant Professor) and Dr. Muhammad Abdul Rahman (Lecturer) Department of Economics in collaboration with ORIC. The guests invited on the occasion were from various professional backgrounds viz. industry, freelance-entrepreneurs, businesses, chamber of commerce, academia and research organization. Mr. Tallat Mahmood Awan, Vice President Rawalpindi

Chamber of Commerce and Industry was the chief guest.

Dr. Arshad Mahmood Malik, Chairman Department of Economics resented the overall progress of the department both at academic and research front and opened the house for discussion, suggestions and improvements in the current curricula being taught and advancements in research. The chief guest Mr. Tallat focused

on the fact that university curricula should have more share of practical and field work rather than theory in each subject. This is the demand of all businesses so that when they hire fresh graduates, they have practical knowledge to some extent. Prof. Dr. Abdul Saboor, Dean FSS concluded the session and added that sustainable poverty from society can only be removed through quality and practical education.



General Faculty Meeting



Hands-on Training on Kjeldahl Instrumentation and Analysis

University Institute of Biochemistry and Biotechnology (UIBB) organized the Hands-on Training on Kjeldahl Instrumentation and Analysis on 01-09-2022. The principal organizer was Dr. Feroza Hamid Watto (Associate Professor, UIBB). This training was intended to make the participants more familiar with the daily operation, proper routine maintenance procedures and broaden their general knowledge based on state of the art modern Kjeldahl Apparatus.

Resource Persons gave presentations & delivered lectures on different topics including, Dr. Nouman Siddiqui, Director/Principal Scientific Officer, Food Science Research Institute, NARC, Islamabad on "Quality Control Aspects in Nitrogen Determination", Prof. Dr. Asif Ahmad, Institute of Food and Nutritional Sciences, PMAS-UAAR "Applica-

tions of Kjeldahl analysis for food samples", Mr. Amer Mumtaz, Principal Scientific Officer, Food Science Research Institute, NARC, Islamabad on "Practical Demonstration and Hands-on Training on Kjeldahl Instrumentation and Analysis", and Mr. Ghulam Mustafa, Scientific Officer/Incharge Food Analytical Lab, Nutrition Division, National Institute of Health (NIH), Islamabad on "Practical Demonstration and

Hands-on Training Kjeldahl Instrumentation and Analysis. More than 350 participants including students, faculty members and researchers attended the training session. Participants appreciated the training and were impressed by the scope of using Kjeldahl in research areas. Most of the students gave feedback that this workshop should be for at least 3 days in order to gain a thorough hand on training on Kjeldahl.



Stakeholders Meeting of Faculty of Agricultural Engineering



Newly Appointed Teacher Training Workshop



Ph.D Passout

S. No.	Name of Student	Title	Name of Supervisor
1	Ayesha Humayun, PhD (Veterinary Medicine & Surgery), 13-09-2022	Role of Hyperosmotic sodium Bicarbonate as Adjunct to Antibiotic Therapy in the Amelioration of Septicaemia in Bubaline Neonatal Diarrhoea	Dr. Muhammad Arif Zafar

Ph.D Thesis Defence

S. No.	Name of Student & Regd. No.	Title	Name of Supervisor
1	Saddam Hussain (14-arid-3383) Ph.D Entomology, 07-09-2022	INSECTICIDE RESISTANCE AND ITS MANAGEMENT IN MELON FRUIT FLY, BACTROCEA CUCURBITAE (COQUILLETT) (DIPTERA: TEPHRITIDAE)	Dr. Munir Ahmed
2	Syed Aoun Taqi Bukhari (21-arid-115) Ph.D Entomology, 07-09-2022	Micro and Nanoencapsulation of Insecticidal Compounds for the Management of Mosquitoes	Dr. Muhammad Tariq
3	Hina Shoukat (15-arid-2058) Ph.D Management Sciences, 12-09-2022	The perceived role of Intellectual Capital on Organizational Innovative Performance: Mediated by Organizational Ambidexterity and moderated by Knowledge-Oriented Leadership	Dr. Muhammad Razzaq Athar
4	Hafiza Amtul Hafeez (15-arid-2057) Ph.D Management Sciences, 12-09-2022	The impact of Gritty Leaders on Employee Performance: Mediated by Employee Self-Attributed Grit and Moderated by Destructive Leadership	Dr. Muhammad Razzaq Athar
5	Fozia Abasi (21-arid-70) Ph.D Botany, 13-09-2022	Differential Role of Phyto-genic Se-Fe Bimetallic Nanoparticles on Wheat in Response to Heat stress	DR. NAVEED IQBAL RAJA
6	Khushdil Khan 21-arid-71 Ph.D Botany, 13-09-2022	Palyno-morphological diversity of bee flora with aspect of melissopalynology and honey analysis from division Bannu Khyber Pakhtunkhwa, Pakistan	DR. KHAFSA MALIK
7	Irum Ilyas 02-arid-856 Ph.D (CS), 14-09-2022	An integrated Software Testing Approach for the Adaption of Agile Practices: From Requirement Prediction Towards Prioritization	Prof. Dr. Yaser Hafeez
8	Syed Sabir Hussain Shah (18-arid-2427) Ph.D Botany, 14-09-2022	Performance of exotic medicinal hemp varieties under hydroponic and Field conditions in Pakistan	PROF. DR. RAHMATULLAH QURESHI
9	Muhammad Rizwan Rashid Rana 13-arid-1370 Ph.D (CS), 15-09-2022	Mining Customer Satisfaction: Aspect Based Contextual Polarity Classification	Dr. Asif Nawaz
10	Syed Amad Hussain Shah 13-arid-976 Ph.D (CS), 15-09-2022	Intelligent Routing Protocol in Flying Adhoc Networks	Dr. Saleem Iqbal

Seminars Organized by DAS

1. Title:

IoT Sensor Based Monitoring and Management of Water Resources

Presenter:

Ms. Engr. Saira Anwer, Lecturer, Department of Land and Water Conservation Engineering

Date: 01-Sep-2022

2. Title:

Developing Study Habits among University Students

Presenter:

Dr. Tehsin Ehsan, Lecturer, Department of Education

Date: 08-Sep-2022

3. Title:

Green Synthesis of Nanoparticles and Their Application

Presenter:

Dr. Zahid Manzoor, Assistant Professor, Department of Parasitology & Microbiology

Date: 15-Sep-2022

Directorate of Public Relations & Publications (PRP)

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