



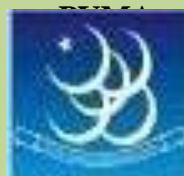
HEC



AUP



L&DD



PVMA



Alltech

## International Workshop on Dairy Science Park

(November 21-23, IW-DSP-2011)

Venue: Khyber Pakhtunkhwa Agricultural University, Peshawar-25120, Pakistan

### PROGRAMME OF THE CONFERENCE

## MONDAY NOVEMBER 21, 2011

0830 Registration of the Participants

### INAUGURAL PROGRAMME

0900 Participants to be seated  
 0920 Arrival of the honorable Chief Guest  
 0925 National anthem  
 0930 Recitation from the Holy Quran and Naat  
 0940 Welcome/keynote address by Prof. M. Subhan Qureshi, Dean FAHVS  
 1000 Message of Chairman, HEC by Mr Hazrat Bilal, Director Regional centre  
 1010 Inaugural words by Vice Chancellor  
 1030 Address by the Chief Guest  
 1100 Tea break/Refreshment

### TECHNICAL SESSION I

#### ANIMAL HEALTH

**Chairman:** Prof Dr Muhammad Ashraf, Chairman Department of Pharmacology, UVAS, Lahore

**Co-chairman:** Dr Sher Muhammad, Director General, L&DD, Khyber Pakhtunkhwa

**Moderator:** Dr. Sultan Ayaz, Chairman Department of Zoology, KUST, Kohat

1130	Prompt community based veterinary services delivery system and it's impact on disease burden and production in the dairy animal. <b>M. Ather Khan</b> , UVAS Lahore
1140	Amoxicillin bioequivalence studies of veterinary preparations in Pakistan. <b>Muhammad Ashraf</b> , UVAS Lahore
1150	Physicochemical/Bacteriological assessment and effect of an acidifier on water supplied to livestock. <b>HU Hanif</b> , Fatima Jinnah Women University Rawalpindi,
1200	Study on pathogenesis of capri-pox in goats. <b>Sajid Khan</b> , Veterinary Research Institute, Peshawar
1210	Study on Pathogenesis and molecular characterization of CCPP in small ruminants <b>Umer Siddique</b> , Faculty of AHVS, AU Peshawar
1220	Seasonal effect on calcium and phosphorus status in feedstuffs, soil, water and sheep blood plasma of district Sheikhpura of Punjab, Pakistan. <b>Yasir Allah Ditta</b> , UVAS Lahore
1230	Immune response of udder during mastitis. <b>Aamir Sharif</b> , Deputy DLO, Bahawalpur
1240	Distribution of various mycotoxins in dairy feed and silage in Pakistan. <b>Dr. Nafeesa Qudsia Hanif</b> , Romer Lab Pakistan
1250	Pharmacokinetics of long acting amoxicillins in buffalo calves in Pakistan <b>Dr. Muhammad Adil Resheed</b> , UVAS, Lahore
1300	Discussion and Recommendations
1330	Lunch Break



## DEVELOPMENT AND BUSINESS SESSION I

<b>Chairman:</b>	<b>Prof Zahoor Swati</b> , Dean FCPS, AU Peshawar
<b>Co-chairman:</b>	<b>Dr Sajjad Khan</b> , Director General, L&DD (Research Wing), Khyber Pakhtunkhwa
<b>Moderator:</b>	<b>Dr Sarzamin Khan</b> , Chairman Poultry Science
1430	Strategy for development of smallholder dairy sector in KPK <b>Prof G. Habib</b> , Advisor to Government of Punjab, L&DD Deptt Lahore
1440	Breeding dairy animal for harsh environment-hypothesis of breed choices. <b>Prof M S Khan</b> , ABG Department, UA Faisalabad
1450	The milk sector of Pakistan and its production system <b>M. Raza Ali</b> , Cynosure Consultants Inc. Islamabad;
1500	Pakistan's standing in International Halal Food Market. <b>Muhammad Zubair Mughal</b> Chief Executive Officer Halal Research Council
1510	Role of Media (Print /Electronic/Internet) in the Development of Dairy Sector. <b>KM Shouq</b> , Chief Editor Vet New and Views, Faisalabad
1520	PASTIC search engine for scientific research. <b>Ms Ghazala Yasmeen Malik</b> PASTIC PAF
1530	Agribusiness and innovation platform (AIP). <b>Abdul Rehman Ilyas</b> , ICRISAT, Hyderabad
1540	Economic aspect of feeding supplemental fat in Sahiwal cows. <b>Arshad Iqbal</b> , LM Department, UA Faisalabad
1550	Challenges of meat production & technology in Pakistan. <b>Hamid Ahmad</b> , PCSIR Lab, Lahore
1550	<b>Kamran Butt</b> , Senior Media Coordinator, Ghazi Brothers, Karachi
1600	Business scope of livestock enterprises under local production system <b>Sohail Ahmad</b> , ABG Department, AU Peshawar
1610	<b>Discussion and recommendations</b>

*Tuesday, November 22, 2011*

## TECHNICAL SESSION II

<b>FOOD TECHNOLOGY</b>	
<b>Chairman:</b>	<b>Dr Sarfraz Ahmad</b> , NIFST, UA Faisalabad
<b>Co-chairman:</b>	<b>Dr Mirza Ali Khan</b> , PRO, Veterinary Research Institute, Peshawar
<b>Moderator:</b>	<b>Dr Umar Sadique</b> , Chairman Animal Health
0900	Dairy and milk processing and its future prospects in Balochistan. <b>Muhammad Azam Kakar</b> , BUITEMS, Quetta.
0910	Quality assessment of different commercial and small-scale produced yoghurt marketed in Faisalabad. <b>Faisal Shahzad</b> , UVAS Lahore.
0920	Composition and physico-chemical characteristics of buffalo milk with emphasis on lipids, proteins, minerals, enzymes and vitamins. <b>Sarfraz Ahmad</b> , NIFST, UA Faisalabad
0930	Rhetoric and scientific study of Halal Food in light of Quran and Hadith. <b>S Qureshi and M Jamal</b> . Arabic Dept, U Peshawar
0940	Modeling and management of post-conception decline in milk yield of dairy buffaloes. <b>Sarzamin Khan</b> , AU Peshawar
0950	Effect of blood triglycerides on milk fatty acids composition. <b>Shaista Jan</b> , L&DD Directorate, Peshawar.
1000	Developing microbiological and biochemical protocols for the production of fresh mozzarella cheese from water buffalo milk in Pakistan. <b>Zubia Afsheen</b> , IBGE, AU Peshawar
1010	Isolation and AntibioGram of Prevailing Common Mastitis Causing Microbes in Peshawar Region. <b>Imtiaz Ali Shah</b> . VRI, KPK
1020	The Effect Of Breed, Age And Sex On Meat Production Potentials Of Cattle In The Sub Tropical Conditions Of Khyber Pakhtunkhwa. <b>Dr Abdur Rahman</b> , LM Department, AU Peshawar
1030	<b>Discussion and recommendation</b>
1100	Tea break

## TECHNICAL SESSION III

### FEEDING AND ANIMAL NUTRITION

**Chairman:** Prof Dr Alam Zeb, Dean FNS, AU Peshawar

**Co-chairman:** Dr Ahmad Naveed, Director Planning, L&DD (Research), Peshawar

**Moderator:** Dr Nazir Ahmad, Chairman Animal Nutrition

1130	Rumen development in buffalo calves under early weaning feeding strategies. <b>Prof TN Pasha</b> and Ehsaan Ullah Khan, UVAS, Lahore.
1140	Efficiency of total mixed baled ration (TMBR) for mutton production and its comparison with other feeding systems. <b>Anjum Khalique</b> , UVAS Lahore
1150	Causes of variation in fatty acid content and composition in Maize silages. <b>Nazir Ahamd Khan</b> , AU Peshawar
1200	Effect of different feed combinations on milk composition and blood metabolites. <b>Munawar Shah</b> , RVFC, Peshawar
1210	Relationship of blood metabolites with reproductive cyclicity in dairy cows at Government Cattle Breeding and Dairy Farm Harichand. <b>Obaidullah Qureshi</b> , L&DD Swabi.
1220	Effect of quality and frequency of drinking water on productivity and dairy buffalo. <b>Raj Wali</b> , LR&D, Peshawar
1230	Effect of substitution of wheat straw with peanut hay on dry matter intake, digestion and nitrogen retention in rations for sheep at maintenance. <b>M Tahir Khan</b> , AU Peshwar.
1240	Fortification of dairy milk with docosahexaenoic acid (DHA) through feed supplementation of dairy cattle feed - a new horizon in dairy industry. <b>Umme-e-Aiman</b> , IBGE, AU Peshawar
1250	Anthelmintic Activity of some ethnobotanicals. <b>Dr. Waseem Baber</b> , UCV&AS, IU Bahawalpur
1300	Effect of Selenium and Selenoproteins in male reproductive performance. <b>Mr. Umair Ahsen</b> , UCVAS, IU Bahawalpur
1310	Discussion and Recommendations
1330	<b>Lunch</b>

## DEVELOPMENT AND BUSINESS SESSION II

**Chairman:** Prof Dr. M. Ather Khan, UVAS, Lahore

**Co-chairman:** Prof Dr Munir Khan, Dean FRSS

**Moderator:** Dr. Zahoor-ul-Hassan. Deptt. Animal Health, AU Peshawar

1430	Do Returns To Scale Exist In Dairy Farming In Peshawar Valley? <b>Munir Khan</b> , Dean FRSS, AU Peshawar
1440	Prompt community based veterinary services delivery system and it's impact on disease burden and production in the dairy animal. <b>M. Ather Khan</b> , Department of Epidemiology and Public health, UVAS, Lahore
1450	Fermented dairy products in Bangladesh. <b>M. A. Samad Khan</b> Department of Dairy Science, Bangladesh Agricultural University, Mymensingh, Bangladesh
1500	Livestock Business Support – The Smeda Vision. <b>Javed Khattak and Madam Noreen</b> , SMEDA Peshawar
1510	Background and impact of the livelihoods programme of Inter-cooperation. <b>Shabir Hussain</b> , Team leader, The Livelihood Programme, Interco-operation Pakistan
1520	The Flood effects and relief efforts in Khyber Pukhtunkhwa. <b>Shaukat Khan</b> , LTC, Peshawar
1530	Dairy animal feeding and food safety systems in Pakistan with special reference to world trade organization. <b>Muhammad Abbas Shah</b> , Livestock and Dairy Development Department Balochistan, Quetta, Pakistan
1540	Production patterns of sheep and goats in District Qila Abdullah (Balochistan). <b>Ziauddin Kakar</b> , Department of Livestock Production, UVAS, Lahore
1550	Improvement in peri-urban dairy farming. <b>Dr. Aftab Khan</b> , Ex-Chairman ABG, UA Faisalabad
1600	Investment opportunity in livestock sector. <b>Malik Niaz KPCCI</b>
1610	<b>Dr Shahzad Naveed Jadoon</b> , GM Alltech Pakistan, Islamabad

WEDNESDAY, NOVEMBER 23, 2011

#### TECHNICAL SESSION IV

##### LIVESTOCK DEVELOPMENT AND MANAGEMENT

**Chairman:** Dr. S. Shabir Ahmad Shah, Director AHITI  
**Co-chairman:** Prof Dr Muhammad Naeem, Dean FCPS  
**Moderator:** Dr. Shoaib Sultan Afridi, Animal Nutrition, AU Peshawar

0900	Performance profile of Friesian cows kept in Balochistan, Pakistan. <b>Muhammad Bilal</b> , Livestock and Dairy Development Department Quetta, Balochistan
0910	Farming issues under the existing production system. <b>Maj Tariq</b> , RV&FC
0920	Milk production potential of Pakistani camel (camelus dromedarius) under the dry land conditions of the Punjab. <b>Arshad Iqbal</b> , Department of LM, UA Faisalabad
0930	Investment opportunities in Livestock sector of Khyber Pakhtunkhwa. <b>Sohail Ahmad</b> , ABG, AU Peshawar
0940	Issues and required business support for local dairy enterprises. <b>Kamran Khan</b>
0950	Keep dairy animals stress free for better profit. <b>Muhammad Subhan Qureshi</b> , Dean FAHVS, AU Peshawar
1000	A review of livestock development in Khyber Pakhtunkhwa. <b>Sher Muhammad</b> , DG, L&DD, KP
1010	Growth performance of Beetal goat kids on dried sugar beetpulp based concentrates. <b>Hassan Khan</b> , L&DD, KPK
1020	Azikheli Buffalo: Productive performance under traditional management system. <b>Momen Khan</b> , L&DD Khyber Pakhtunkhwa,
1030	Role of women in Livestock and Dairy Development in Balochistan, Pakistan. <b>Muhammad Shafiq</b> , University of Balochistan, Quetta
1040	Production and properties of rennet from buffalo calves abomasa. <b>Gulzar Ahmed</b> , Faculty of Veterinary & Animal Sciences, University of Azad Jammu & Kashmir
1050	Discussion and Recommendations
1130	<b>Tea Break</b>

#### TECHNICAL SESSION V

##### ANIMAL REPRODUCTION AND BIOTECHNOLOGY

**Chairman:** Muhammad Azam Kakar, BUIITEMS, Quetta  
**Co-chairman:** Prof Dr Muhammad Jamal Khattak, WAMA, AU Peshawar  
**Moderator:** Dr Sohail Ahmad, AU Peshawar

1200	Reproductive biotechnologies in dairy industry in Pakistan. <b>Muhammad Azam Kakar</b> , BUIITEMS, Quetta
1210	Production and evaluation of combined oil based FMD and HS vaccine. <b>Khushi Muhammad</b> , UVAS, Lahore
1220	Stress impedes reproductive physiology of dairy buffaloes. <b>Muhammad Subhan Qureshi</b> , Dean FAHVS
1230	Effect of oxytocin administration before milking on milk production, somatic cells count and fat contents in milk of nili-ravi buffaloes. <b>Muhammad Saleem Akhtar</b> , BZU Multan
1240	Role of hair follicles in pregnancy diagnosis of dairy animals. <b>Sarzamin Khan</b> , AU Peshawar
1250	Successes and failures in artificial insemination in Khyber Pakhtunkhwa. <b>Muhammad Islam</b> , L&DD, Peshawar
1300	Influence of Genetic and Non-Genetic factors on quantity and quality of wool from sheep reared at Rwalakot Azad Jammu & Kashmir, <b>Muhammad Akhtar Qureshi</b> , FVAS, Rawlakot Azad jammu & Kashmir
1310	Discussion and Recommendations by the participants including farmers, scientists, development and business stakeholders
1330	<b>Lunch</b>

#### CONCLUDING SESSION

Recitation of the Holy Quran
Recommendation of the convener of the recommendation committee
Vote of thanks by the Dean FAHVS
Concluding remarks of the chief guest Minister of livestock and dairy development KPK