

	<b>SECure All Pakistan Societal Resilience</b>		
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## **Sixth International Conference and Industrial Exhibition on Dairy Science Park – Parallel Social Enterprise for the Vulnerables**

*March 20-21, 2023 at Islamia University Bahawalpur, Pakistan*


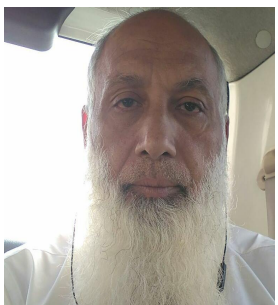


Assalamualaikum and Good Morning Colleagues!

Welcome to the biennial series of international conferences and industrial exhibitions, in place since DSP 2011”, held at at the Agricultural University Peshawar, with the theme, “Developing a hub of dairy enterprises in the flood affected regions of Khyber Pakhtunkhwa (KP) through partnership of academia, government, entrepreneurs & civil society”. DSP II – 2013 Peshawar focused on developing the enterprising capacity of livestock and poultry farmers of Pak-Afghan Region for meat production. DSP III – 2015 Peshawar was held with the theme “support to the war-hit economy of KP through self-employment and hygienic food production for local consumers and international Halal Meat Market.

DSP IV – 2017 was held at Selcuk University- Konya, Turkey with the Theme, “Achieving Food Security through Entrepreneurship Development and Biorisk Management (BRM)”. DSP V – 2019 Quetta was held at the University of Balochistan with the theme, “Emerging Trends and Opportunities in the Livestock Sector of Balochistan.” DSP VI – 2023 Bahawalpur is being organised with the main objective of exploring the camel population for entrepreneurship development for the stakeholders and generating surplus income for the vulnerable populations.

You are invited to participate in the event and contribute your research and development papers, display your products/start-ups and services and join us in developing a network of entrepreneurship models through the good governance model of academia-industry-government nexus focused at generating decent employment for the youth and Halal, exportable food and biotech surpluses for the national economy.

Awaiting you at IUB Bahawalpur!

			
Prof M Subhan Qureshi, President DSP/ Conf Chair	Mr MA Saleem Hashmi, CEO SECure/ Conf Co-Chair	Prof Ilahi B Marghazani, VP CAP/ Secretary Tech	Prof Athar Mahboob, VC, IUB Bahawalpur/ Chief Patron

## **Academia-Industries Linkages**

Dairy Science Park (The Park/DSP) has been introduced as a sacred mission for welfare of people of the Region through generation of self-employment and hygienic/Halal food production. The Park has been registered as a Society with the Government of KP, Pakistan and accepted by the United Nations as #UNSDGAction9671. In line with the vision of the Higher Education Commission, the business incubation concepts were integrated into postgraduate research ongoing at the Faculty, shaping up the University – Industry linkages. A biennial series of international workshops was initiated and it continued during November, 2011, 2013 and 2015, 2017 and 2019, each by 450+ delegates, with 100+ technical papers and industrial exhibition. The proceedings were published online/printed and in impact factor journals. The 1st workshop focused on post-flood revival of dairy industry, the 2nd on meat potential of the region, the 3rd on entrepreneurship development for the outgoing graduates, the 4th on biorisk management and the 5th on emerging trends and opportunities. The first three conferences were held at Peshawar, the 4th at Selcuk University Konya, Turkey and the 5th at Quetta.

Emerging industries in milk and meat processing and marketing have been provided technical and Quality Control certification support to relieve legal threats from the District Administration, who focus on price capping of milk and meat rather than quality. Meat shops established on modern lines of hygiene produce quality beef; however, such facilities are raided by the government agencies on the basis of higher prices. DSP facilitates inspection of such facilities, provides SOPs for quality standards and issues a certificate. Similar services are being extended to private slaughterhouses and meat/milk processing centres and other emerging entrepreneurs. A road map has been prepared for developing a Hygienic/Halal meat export base. The plan is aimed at introducing good practices into livestock SMEs. The plan has been supported by the provincial Agriculture Minister, Special Assistants to Chief Minister KP on Law and Livestock. Sandia National Lab USA has been supporting DSP under a Biorisk Management Collaboration. Four consultative workshops have been held in Amsterdam, Dubai, Bangkok and Phuket, Colombo, Konya, Amman and Dubai-II, participated by 105 members of DSP for curriculum development and integration of biorisk management concept into the food value chain. A BRM package was developed for integration into Doctor of Veterinary Medicine degree in Pakistani Universities, under the supervision of Pakistan Veterinary Medical Council.

## **Policy Development**

Food and Agriculture Organisation of the United Nations engaged Prof M Subhan Qureshi as National Consultant Livestock with the mutually agreed TORs requiring development of the Action Plan with estimated budget for Livestock Sector Development and Transformation, based on KP Livestock Policy; covering regulatory issues, value chain development, private sector engagement and overall required capacity at provincial and district levels; and to elaborate on roles and responsibilities of various stakeholders focused on institutional reforms. All the participants except representatives of the DG LDD Ext agreed on the establishment of an autonomous body with full administrative, legislative, regulatory and financial authority. Livestock Technopark Peshawar (LTP) was suggested by the Mission as a Good Governance model to support entrepreneurship development and protect interests of the producers, processors, service providers and marketing partners.

Later on International Trade Centre was joined as National Consultant for formulating Balochistan Livestock Breeding Policy 2022 and Action Plan for transformation of the Livestock Breeding Value Chain into a network of Entrepreneurship models. Four government departments of Livestock, Forest, Local Government and Industries were engaged in addition to four Universities of BU, BUIEMS, SBKWU and LUAWMS. Quetta CCI covered the private sector stakeholders. These organisations were linked through Livestock Technopark Quetta to achieve the objective of the Policy.

## Parallel Social Enterprise

Parallel Social Enterprise is the brainchild of Mr Muhammad Anwar Saleem Hashmi, Architect of SECure All Pakistan with the goal to empower the Common People of the World. He has been impressed by a Hadith quoting a Sahabi whole archard attracted clouds and rains while the surrounding areas could not. He was asked about the secret of this blessing. The Sahabi replied that whenever he earned profit out of his business, he used to divide it into three portions:

i) a 33% portion was allocated for his family expenses; ii) 33% retained for development of his business; and 34% for the most vulnerable population of the Society. Mr Hashmi declares this principle as Parallel Social Enterprise and intends to apply this principle to all businesses in the country which may bring prosperity in the Region and alleviate poverty.



During discussion with Prof M Subhan Qureshi, it was agreed that a conference may be held to support the people of Southern Punjab and utilise the camel population for welfare of the people under the same principle of Parallel Social Enterprise. The Dairy Science Park has already initiated a biennial series of international conferences and industrial exhibitions and the Sixth Event (DSP VI - 2023 Bahawalpur) will be organised through partnership with sister organisations. A WhatsApp Group was established and leading persons were added from academia, industry and the Society to the Group. Prof Athar Mahboob, Vice Chancellor, Islamia University Bahawalpur agreed to host the Event at his University.

## Islamia University Bahawalpur

The rulers of the state of Bahawalpur founded a university in Bahawalpur in the style of Al-Azhar University in Egypt, which will spread the light of knowledge all over the world. The initial form of the Islamia University of Bahawalpur came in the form of Madrasa Sadr Uloom which emerged in 1925 in the form of Jamia Abbasia. In 1950, on the orders of His Highness Sir Sadiq Muhammad Khan Abbasi V, a grand building was constructed adjacent to Sadiq Egerton College and thus the main campus of Jamia Abbasia came into existence which is the identity of this university today and known as the Old Campus and Abbasia Campus. Jamia Abbasia was renamed as Jamia Islamia in the context of the Islamic identity of Jamia Abbasia. The Jamia Abbasia, established by the Nawab of Bahawalpur, was later chartered by the Punjab Assembly in 1975 as the Islamia University of Bahawalpur.

The University has seven campuses. At present, the university has three campuses in Bahawalpur, one each in Bahawalnagar and Rahim Yar Khan are providing quality higher education to local students at their doorstep. The Abbasia Campus covers an area of 26 acres, Baghdad ul Jadeed Campus 1256 acres, Khawaja Farid Campus (Railway Campus) 3 acres, while Bahawalnagar and Rahim Yar Khan Campuses cover 50 acres and 80 acres respectively. Two new campuses are being set up in Ahmed Pur East and Liaquat Pur Tehsils. Today, the university has become a modern, functional and vibrant institution with high-rise teaching buildings, lush green fields, modern-style hostels, residential colonies, farmhouses and gardens reflecting the beauty of the university.

There are fifteen faculties functioning in IUB, which include Faculty of Arts and Languages, Faculty of Social Sciences, Faculty of Education, Faculty of Islamic Learning, Faculty of Management Sciences & Commerce, Faculty of Pharmacy, Faculty of Physical & Mathematical Sciences, Faculty of Chemical & Biological Sciences, Faculty of Engineering & Technology, Faculty of Computing, Faculty of Veterinary & Animal Sciences, Faculty of Agriculture & Environment, Faculty of Law, Faculty of Medicine & Allied Health Sciences and Faculty of Online and Distance Education. In addition, four constituent colleges are also functioning which include University College of Art and Design, University College of



Teachers and student of the Department of Animal Nutrition, the Islamia University of Bahawalpur participating in awareness walk on the occasion of World Camel Day. Conventional Medicine, University College of Nursing and Sir Sadiq Muhammad Khan Post Graduate Medical College.

At present more than 1,800 faculty members serve the IUB, which includes 700+ PhDs. There are 142 teaching departments for more than 300 disciplines to provide latest educational facilities and a maximum number of more than 57,000 students.

The Faculty of Veterinary and Animal Sciences (FVAS) has been leading the efforts in Veterinary Medical Education, Patient Care, Community Outreach and Research with an aim to contribute to the economic developments in South Punjab. Through support of a strong research-intensive faculty the University was able to provide the best learning experiences for the students in professional degree programs to address the problems that directly affect the region. FVAS is positioned to be a leader in "One Health " and has been providing answers to important questions about diseases that are similar in humans and animals or that move from animals to human population like Influenza and Tick-Borne illnesses.

Islamia University of Bahawalpur organised a seminar on the occasion of "World Camel Day". Importance of World Camel Day and the potential of camels for food security were highlighted. Detailed presentations were made showing the usefulness of camels for various purposes. The Nutritional value of camel milk was highlighted.

### **Camel - A Desert Animal**

Camel is a desert animal that has been a vital source of food, wool and leather and an important means of transport since ancient times. Its ability to sustain in extremely harsh environments paired with special properties of its meat and milk has increased its importance as a livestock species under the current threats of global climate change.

Rapid increase in population along with issues of food security has highlighted the need for alternative food resources that will be available even when the grazing pastures are gone and the water supply is scarce. Camel can act as a great alternative, being a source of milk and meat in such conditions, because of its varied dietary requirements compared to other livestock and the ability to withstand water scarcity for longer periods of time. Its milk has immense nutritional value and is considered a superfood.

Many studies are now underway worldwide to understand camel biology, specifically genetics, to explore its potential for sustainable utilisation and conservation. However, it is important to note that raising camels as a livestock comes with challenges of its own that requires further research. A one day international symposium on the World Camel Day, June 22, 2020 with a theme of "Camel as the Animal of Future" in collaboration with Camel Association of Pakistan, Saudi Geographical Society of Kingdom of Saudi Arabia and the International Society of Camelid Research and Development (ISOCARD).



Scientists and researchers from different parts of the world participated to share their knowledge about exploring this wonderful creature and to enhance awareness about its better utilisation in future. The forum will also provide an opportunity to all to collaborate in research on various aspects of camels in the days ahead.

Dr Muhamad Younas, Patron CAP mentioned the camel as one of the creations that Allah Almighty has asked us to ponder on. The camel is a very technical, highly engineered animal with many special attributes not found in other animals. The camel has been made in such a way that it can survive in desert conditions, during difficult environments and can provide food, blanket, loading, transportation and recreation, etc. This presentation will dwell on various features that make the camel to survive in deserts and stay in high spirit even when there is a shortage of feed and water. The composition of milk and meat are so marvellous in providing good, safe and healthy foods to overcome many health ailments and allergies. All these qualities are not by the way, but these have been gifted by the Creator intentionally to live, survive and produce in deserts and range conditions for its dwellers.

### Partner Organisations

- [Bahawalpur Chamber of Commerce and Industries](#) (Ch Zulfiqar Ali Mann)
- [Int'l Centre for Chemical & Biol Sciences](#), University of Karachi, (Prof Ata ur Rahman)
- [The University of Agriculture](#), Dera Ismail Khan (Prof Dr Masroor Ellahi Babar, VC)
- [Faculty AH & Vet Sci](#), University of Agriculture (UAP) Peshawar (Dr Sarzamin Khan)
- [Lasbela Univ Agric, Water & Marine Sci](#) LUAWMS, Lasbela (Prof N Bangalzai)
- [Cholistan Univ Vet & Animal Sci](#) (CUVAS), Bahawalpur (Prof M S Khan)
- [College of Vet & Animal Sciences](#), Gomal University DI Khan (Prof Shakeeb Ullah)
- [College of AH and Vet Sciences](#), AWK University, Mardan (Prof Sultan Ayaz)
- [University of Veterinary and Animal Sciences](#), Lahore (Prof Nasim Ahmad)
- [Faculty of Veterinary Sciences](#), Univ Agriculture Faisalabad (Prof Anas Sarwar)
- [FAHVS](#), Sindh Agriculture University, Tandojam (Prof Ghiasuddin Rashdi)
- [College of Veterinary & Animal Sciences](#), Jhang (Prof M Fiaz Qamar)
- [FVAS](#), PMAS Arid Agriculture University, Rawalpindi (Prof Arfan Yousaf)
- [Riphah College of Veterinary Sciences](#), Lahore (Dr Mumtaz Ahmad Khan)
- [Faculty of Veterinary Sciences](#), Bahauddin Zakariya University, Multan
- [FVAS](#), University of Poonch, Rawalakot, AJK (Prof Zulfiqar H Khutu)
- [CASVAB](#), University of Balochistan, Quetta (Dr Zafar Ahmad)
- [FVS](#), SBBUVAS, Sakrand, Sindh (Dr Zahid Iqbal Rajput )
- [Pakistan Veterinary Medical Council](#) (PVMC) (Prof Masood Rabbani)
- [Newslark](#) - An Independent Voice (Dr S Mahboob)
- [University of Management and Technology](#) (UMT), Lahore (Dr Shahid Hassan)
- [National Skills University](#) (NSU) Islamabad (Prof M Mukhtar)
- [Christina Adams](#), Author, Writer, Leader in Autism and Camel Milk
- [Livestock and Dairy Development Punjab](#) (LDD)
- [Small and Medium Enterprises Development Authority](#) (SMEDA)

**Start-up:** [Qaswa Camel Milk Icecream](#)

### Sponsorship:

It will cover sponsorship of various activities like:

- Publication of their company profile, using their logos on banners, internet materials, websites and certificate of acknowledgement: Rs.100,000
- Advertisement in proceeding book: Rs.25,000/page
- Exhibition of stalls Rs, 25,000/40sq ft
- Special sponsors: sponsoring meals, tea, travelling and boarding expenditures of speakers, conference bags.

## Workshop Sessions:

Meat and Dairy Production	Meat and Dairy Technology
Animal Health	Animal Feeding and Nutrition
Animal Reproduction and Genetics	Social/Entrepreneurship Development
Biorisk management	Quality Control and Halal Certification

**Paper submission:** Abstracts may be submitted up to 15 January and full papers up to 31 January, 2023. Abstracts will be published in the proceedings book and selected papers will be published in "Pak-Euro Journal of Medical and Life Sciences" (HJRS Y category) after review and payment of fees (Rs.5000). Abstracts may be submitted to Prof Ilahi Buxsh Marghazani [marghazani76@yahoo.com](mailto:marghazani76@yahoo.com) with cc to Prof. Dr. M. Subhan Qureshi [drmsqureshi@gmail.com](mailto:drmsqureshi@gmail.com) and Dr Sania Subhan Qureshi [saniasq@gmail.com](mailto:saniasq@gmail.com).

**Registration:** [Online Registration Form](#) Participation fees by individuals payable at (Payable at the Bank of Punjab, Nasir Bagh Road Peshawar Branch, Account Title: DAIRY SCIENCE PARK; Account Number: 5010200109000014; IBAN: PK72 BPUN 5010 2001 0900 0014) (tick one below)

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|--------------------------------------|----------|-------|
| ○ For students:                      | Rs.500   | _____ |
| ○ For regular participant            | Rs.1000  | _____ |
| ○ Foreigners: Students               | US\$ 50  | _____ |
| ○ Foreigners for regular participant | US\$ 100 | _____ |

## Contact:

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*DSP IV - 2017 Konya, Turkey*