

Curriculum Vitae

Personal information

Name: Prof. Dr. Abdur Rahman
Father name: Ghulam Mohammad
Date of Birth: Twenty Second January, 1969
Place of birth: Kohat, Khyber PakhtunKhwa
Nationality: Pakistani
National I.C # 14301-4324328-1



Sex	Male	Weight	80 kg
Height	5 feet & 07 inches	Blood Group	A+
Office address	Prof. Dr. Abdur Rahman, Chairman, Livestock Management, Animal Breeding and Genetics Department, FAHVs, The Uni of Agric.Peshawar Pakistan	Mobile No & Email addresses	+00 92 333 9617919 Off Phone: +00 92 919221097 abdur_rahman@aup.edu.pk or; agrikar.ar@gmail.com
Personal Qualities	Friendly, energetic, interactive, integrative, supportive, punctual and task bound		
Present Designation	Chairman, Livestock Management, Animal Breeding and Genetics Department, The University of Agriculture, Peshawar Khyber PakhtunKhwa		
Approved Supervisor	High Education Commission, Islamabad Approved Supervisor for Ph.D and M. Phil/M.Sc.(Hons) Studies in Animal Production.		
Reviewer of Research articles	Journal of Animal and Plants Science PK International Journal of Livestock Production		
Experienced In:	<ol style="list-style-type: none">I. Arid Livestock Production ManagementII. Nomadic and Transhumant production systems expert with focus on Beef Production in High landsIII. Rangeland and pasture management for optimal productivity,IV. Animal Products TechnologyV. Execution of all Extension activities such as Field-days, extension messages development for livestock production related activities etc.VI. Teaching meat science, Cattle & buffalo production, milk and milk		

products, meat production and processing related subjects from the last six years to the DVM and post graduates students at AUP

- VII. Conducting research on Meat potential, meat characteristic and beef production areas in KHYBER PAKHTUNKHWA.
- VIII. Conservation of indigenous Animal breeds resources,
- IX. Project formulation & preparation
- X. Publication of research articles

Spoken Languages: English, Urdu, Pashto, Hindco and Punjabi (Speaking, writing and reading proficiency are good, where as Arabic and Percian I can read and while poor in understanding during conversation and also poor in speaking)

Countries visited

United Kingdom, Tibet, China, Nepal, Dubai, Saudi Arabia, Kashmir, Philippine & Thailand

Computer literacy: Microsoft office (all editions), good understanding of data processing programs such as Access, Quattro Pro, SPSS, Genstat 5, Statistical Analysis System (SAS). WinISI for Predicting nutritive calibration form NIR spectra and Urdu text writing packages such as in page, power page and SADAF.

Total Research Published work of Dr Abdur Rahman: 37

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|---|-------------------|
| i. Papers in Impact factors journals | = 03 (Nos) |
| ii. National journals | = 20 (Nos) |
| iii. International journal | = 01 (Nos) |
| iv. Book chapter (international) | = 03 (Nos) |
| v. Proceedings of international conference | =04 (Nos) |
| vi. Proceedings of national conference | = 06 (Nos) |

International and National trainings, workshops and conferences attended in the last 18 years

Undersigned participated and received more than three dozens trainings on various aspect of Large and small animal Slaughtering, cuts, and processing meat (from Manila, Philippine) animal production such as (sheep development plans, managing nutritional resources for small ruminants, breed conservation, fodder mgt etc etc) From UK and Pak, administrative trainings on project formulation and project execution, Labor management and statistical data analyses.

Publications: (Indicate Significant Publications and attach originals or reprints)

a. Impact factors (IF) Publication

1. Aftab M., **Abdur Rahman**, M S Quershi, Sohail Akhtar, U. Sadique, Abdul Sajid and S. Zaman 2011 “Level of salmonella in beef of slaughtered cattle at Peshawar *J of animal Plants Science*, Vol 22 No 2 (supl) 24-27 (**IF 0.585**)
2. **Abdur Rahman**, A. J. Duncan, D. W. Miller, J. Clemens, P. Frutos, I. J. Gordon, A. Rehman, A. Baig, F. Ali and I. A. Wright. 2008 Livestock feed resources, production and management in the agro-pastoral system of the Hindu Kush – Karakoram – Himalayan region of Pakistan: The effect of accessibility, (**UK based journal impact factor 2.90**) *Agricultural Systems*, Vol.96 no.1, pages 26-36 <http://www.sciencedirect.com/science/journal/0308521X>
3. **Rahman, A.** Baig, F. Ali and I. A. Wright 2006 Transhumance livestock production in the Northern Areas of Pakistan: Nutritional inputs and productive outputs. (**UK based journal impact factor 3.74**) *Agriculture, ecosystems and Environment* Vol ;117, No; 2 pp 195-204 <http://www.sciencedirect.com/science/article/pii/S0167880906001411>

b. Publication in HEC Recognized Journals

- 4 **Abdur Rahman**, Shamus Rahman, Sohail Akhtar, M Subhan Qureshi and Saeed ur rahman 2013. Determination of meat yield and dressing percentage of Turki, Afghan Arabi and Baluchi sheep breeds in Afghanistan Sarhad J of Agriculture Vol.29 No 1;113-118
- 5 Muhammad Shakir Khan, Sohail Ahmad, Zahoor Ahmad Swati, Sohail Akhtar and **Abdur Rahman** 2013. Gestational age estimation in Kari sheep using Non conventional ultrasonographic parameters. Sarhad J. of Agriculture Vol.29; 1; page 105-112
- 6 Hayaz Uddin, **Abdur Rahman**, Rajwali Khan, Bakht Daraz Khan, Muhammad Asad, and Zia ur Rahman Khalil, 2013. Effect of cotton seed cake on cattle milk yield and composition at livestock research and development station Surezai, Peshawar. *Pakistan Journal of Nutrition* 12: 2: 45-49.
- 7 Rehman Khalil Z., Akhter S., **Rahman** A., Ahmad I., Khan S., Sohail S.M., Amin Khalil I. and Ullah F 2013. Comparative Effect of Different Milking Methods and Udder Hygiene on Somatic Cell Count and Milk Quality in Dairy Cows. *Iranian journal of applied animal Sciences* Vol.3:2:339-342
- 8 **Abdur Rahman***, Islam, M, Siraj uddin, S. Ahmad, Tariq Ali, Hay uddin and M Aftab 2012. Dressing percentage and offal production of various breeds of zebu cattle slaughtered at the Peshawar abattoir. *Sarhad J of Agriculture* Vol.28; 4 ;655-659
- 9 Nazir Ahmad, R Yasmeen, **Abdur Rahman**, M Salem, Alta fur Rahman and Habib ullah, 2012 “ Effect of *Grewia oppositifolia* on cell wall intake, Digestibility and nitrogen retention in sheep” *Sarhad J. of Agriculture*, Vol; 28; 1; 69-74
- 10 Atta ur Rahman, Y Hayat, Shaukat Hayat, Q Zaman, M Iqbal and **Abdur Rahman** 2012 “ Impact of outliers on the socio Economic Factors affecting education” *Sarhad J. of Agriculture*, Vol; 28;1; 109-114
- 11 Falak Naz, Ihsanul Haq, Syed Asghar, Abdus Sattar Shah and **Abdur Rahman**, 2011, Studies on growth, yield and nutritional composition of different tomato cultivars in Battal Valley of District Mansehra, Khyber PakhtunKhwā Pakistan. *Sarhad J. of Agriculture*, Vol; 27, 4, 469-471.

- 12 Zahid Hussain, Fazal munsif, Kawsar ali, s Ishfaq ali and **Abdur Rahman** 2011, Evaluation of Herbicides for weed management in Maize and their impact on maize grain yield. Pak. Journal weed science Research 17; (4): 333-342
- 13 Ibadullah Jan, Sajid M., Rab A, Khan N.H, F. Wahid, **Abdur Rahman**, Alam R., H. Alam 2011. Response of seed yield of coriander to phosphorus and row spacing. Sarhad J. of Agriculture, Vol; 27; 4; 549-552.
- 14 **Abdur Rahman**, A.J. Duncan, I. Wright, D.W. Miller, P. Frutos and N. Ahmad, 2007 Goat Husbandry in the Agro-pastoral system of Northern Areas of Pakistan. Sarhad J. of Agriculture, Vol; 23; 2; 467-473
- 15 Nazir Ahmad, M. Amjed, **Abdur Rahman**, Altaf-ur- Rahman, 2007 Cell wall digestion of rye grass and Lucerne by cattle. Sarhad J. of Agriculture, Vol; 23; 2; pp 475- 479
- 16 Altaf-ur-Rahman, I. ahmad, N. Chand, M. Ali, **Abdur Rahman** & N. Ahmad 2007 Economic importance of Pro-biotic in broiler Rations: A case study of district Mansehra, Khyber Pakhtunkhwa 2006. Sarhad J. of Agriculture, vol; 23 No;2 pp 485-488.
- 17 Rehana Yasmeen, N.Ahmad, G. Habib, M. Saleem, **Abdur Rahman** & Altaf-ur- Rahman, 2007 Substitution of traditional concentrates with *Grewia oppositifolia* leaves in sheep. Sarhad J. of Agriculture, vol; 23; 2; 493- 500.
- 18 Syed, M., M. Farooq, and **Abdur Rahman**. 1999. Comparative study of birth weight, puberty age and first lactation traits in Sahiwal and various grades of crossbred cattle. Sarhad J. of Agric., 15: 513-517.
- 19 Syed, M., **Abdur Rahman**, Sher Nawaz, and N. N. Bangash. 1997. Reproductive performance of Sahiwal and various grades of crossbred cattle. Sarhad J. of Agric., 13:1-10.
- 20 Syed, M., **Abdur Rahman**, M. Farooq, and Ali. M. 1996. Production performance of Sahiwal and various grades of crossbred cattle. Sarhad J. of Agric., 12: 601-610.
- 21 Ayub M., Saifullah, Said Wahab, Ali Muhammad, M Faiq, and Abdur Rahman 2011 Effect of Chemical preservatives and antioxidants on the quality and stability of peach Pulp. Pakistan journal of Botany (**Accepted**).
22. Said Wahab Maqsood Hussain, Ayub M., Ali Muhammad, Mansoor khattak, Faiq, Yaseer Durrani, Shamsul muneer and Abdur Rahman 2011 “ Analysis of mineral and vitamins in seabuckthorn pulp collected from ghizer and skardu districts of northern areas. Pakistan journal of Botany vol 44 (**Accepted**).
23. Hafiz Farhad Ali, Ayesha Bibi, M. Ahmad, M Junaid, A Ali, S Hussain, K Nawab, Sartag Alam and Abdur Rahman, 2011 “ Characterization organism of blackleg and soft Rot of Potato and management of the Disease with balanced fertilization” . Pakistan journal of Botany Vol 44 (**Accepted**).
24. **Abdur Rahman**, Muhammad Yasir Khan, Umar Sadiq , M. Subhan Qureshi, Sohail Akhtar and Siraj uddin 2013. Effects Of Different Washing Treatments On Salmonella Load In Pre-Slaughtering Cattel Body Coats And Carcasses. Sarhad J. of Agric Vol 29 **Submitted SJA 253/2013**
25. **Abdur Rahman**, Akber Nawaz, Sohail Akhtar, M Subhan Quershi, Siraj uddin, Hamayoun Khan 2013. Comparative efficiency of nomadic and transhumant sheep flock in Malakand division. Sarhad J. of Agric Vol 29 **Submitted SJA ___/2013**

c. Papers Published in International Conference Proceedings

- 26. M. Iftikhar, S. Akhter, A. Rehman, T.A. Khattak, K. Kaleem, M. Shoaib, Z.R. Khalil, and M. I. Khattak (2012)** Effects of Aniseed (*Pimpinella anisum*) on overall performance and milk composition of Damani goats published in Abstract proceeding of 12th national and 3rd international conference of Botany Held at Quaid e Azam university Islamabad Pakistan 1-3rd September 2012 page 39
27. Rehman, A., Islam, M. Aftab, M. Siraj, D, M.Ayub. 2010. Present meat production and improving meat inspection and control in Khyber Pakhtunkhwa Communities. National Conference on the strategies to improve red meat production in Pakistan, 13th October, 2010. BZU Multan page1-2
28. A. Rahman, A.J. Duncan, DW. Miller, P.Frutos, R. Atiq and R. omer. 2004. Nutritive Evaluation of Forages and their role in the subsistence Farming systems of Hindu Kush Himalyan Region of Pakistan, Proceeding of International Nutrition Conference held in UVAS pg 97-98.
- 29. Abdur, R., A.J. Duncan, D.W. Miller, P. Frutos, R. Omer** 2003 Reproductive Performance in the Agro-Pastoral System of Northern Highlands of Pakistan. Proceeding of an international conference on goat production in the development SAARC countries, organised by the Pakistan agriculture research council Islamabad with SAARC and Japan fund.29-34
- 30. Abdur, R. and S. S. A. Shah** 2003 Goats Production and Development in KHYBER PAKHTUNKHWA. Proceeding of an international conference on goat production in the development SAARC countries, organised by the Pakistan agriculture research council Islamabad with SAARC and Japan S fund. Pages 23-28
31. Abdur Rahman, Muqarab Ali Khan, 2003.Livestock Biodiversity At Risk in NWFP. Proceeding of First International Weed Science Conference October 23-26, 2003 page 25.
32. R. Abdur, A.J. Duncan, I.J. Gordon, I. A. Wright, D.W. Miller, P. Frutos, R. Atiq. 2002. Milk production in a low external inputs agro-pastoral systems of the Hindu Kush-Karakoram-Himalayan region of Pakistan Proceeding of an international conference organised by the British Society of Animal Science, American society of animal science Mexican Society of Animal Production held in Uady, Merida, Mexico.
33. R. Abdur, A.J. Duncan, I.J. Gordon, I. A. Wright, D.W. Miller, P. Frutos, R. Atiq. 2002. Comparison of available and required metabolisable energy (ME) resources for livestock

during winter in an agro-pastoral system of the Hindu Kush – Himalayan region of Pakistan, Proceeding of British Society of Animal Sciences, University of York. UK

34. R. Abdur, A.J. Duncan, I.J. Gordon, I. A. Wright, D.W. Miller, P. Frutos, R. Atiq. 2002. Milk Production in a low external inputs Agro-pastoral systems of the Hindu Kush-Karakoram Himalayan Region of Pakistan. Proceeding of British Society of Animal Sciences, University of York. UK page 90-91
35. I. A. Wright, A.J. Duncan, J. Clemens, R. Abdur, R. Omer, I.J. Gordon, , A.J. Hester, S.M. RAffique, Atiq ur Rahman, F. Ali and A. Baig. 2002 A System study of Livestock Production In the Northern Areas of Pakistan. Proceeding of British Society of Animal Sciences, University of York. UK page 95-96

D. Published Chapters in Books

37. **Abdur Rahman**, Alan J Duncan, David W. miller, Pilar Frutos and Atiq ur Rahman chapter 2 “Livestock, Feeding and production” *In Livestock, Fodder, Pasture and People;An Inegrated Study in the Northern Areas of Pakistan* Editors I.A. Wright and A.J. Duncan,2005. Published by International Centre for integrated Mountain Development G.P. O. Box no 3226 **Kathmandu Nepal** ISBN92-9115-059-2
38. Iain A. Wright, , Alan J Duncan, Iain J. Gordon, Jurgen Clemens , **Abdur Rahman**, Raja Omer, Alison J Hester, Sardar Rafique, Atiq ur Rahman, Pilar D Frutos, Attaullah Baig, Neil Chalmers and Grant C. Davidson chapter 52 “A system Approach to understanding constraints and opportunities” *In Livestock, Fodder, Pasture and People;An Inegrated Study in the Northern Areas of Pakistan* Editors I.A. Wright and A.J. Duncan,2005. Published by International Centre for integrated Mountain Development G.P. O. Box no 3226 **Kathmandu Nepal** ISBN92-9115-059-2

14. Post Graduate Students Supervised by Dr. Abdur Rahman in the Last Five years

Name Of The Student	M Sc/ Ph.D.	Year of completion	Research topic	Remarks
M. Islam	M.Sc	2007	Effects of age and sex on the dressing percentage and offal production of various breeds of zebu cattle slaughtered at the Peshawar abattoir	MAJOR SUPERVISOR
Siraj Uddin	M Sc	2007	Prevalence level of <i>E coli</i> in the animal body coat, carcasses in abattoir environment at Peshawar	MAJOR SUPERVISOR
M Aftab	M Sc	2008	Prevalence level of <i>Salmonella</i> in the animal body coat, carcasses in abattoir environment at Peshawar	MAJOR SUPERVISOR

Conti...

Name of the student	M Sc/ Ph.D.	Year of admission	Research topic	Remarks
Anwar Ali	MSc	2013	Role of Husbandry factors in seroprevalence of blood parasites in the cattle at Peshawar	MAJOR SUPERVISOR
Airf Khan	M.Sc	2014	Breed and age effects on the properties of buffalo beef slaughtered in pesahwar	MAJOR SUPERVISOR
Akber Nawaz	M.Sc.	2013	Comparison of animal Production efficiency of nomadic and transhumance flocks in Malakand	MAJOR SUPERVISOR
Rafiullah	M.Sc.	2014	Sero prevalence of Theliria perva and effects of management on the incidence	MAJOR SUPERVISOR
SIRAJUDDIN	Ph.D.	2013	Different level of supplementary omega-3 on meat physio chemical properties of cattle and Sheep (under progress)	MAJOR SUPERVISOR
KAMRAN KHAN	Ph.D.	2013	Evaluation of Rabbit strains for meat quality characteristics (under progress)	MAJOR SUPERVISOR
ZIA UR RAHMAN	Ph.D.	2013	Physiological responses of stress in grazing animals and impact on over meat characteristics. (under progress)	MAJOR SUPERVISOR

Working Experience As:

1. Associate Professor, Department of Livestock Management, University of Agriculture Peshawar (Dec, 09 to till today);

Undersign is mainly responsible for teaching and research activities with to the post graduate, graduates and under graduate students. Undersigned mainly involved in Livestock production related subjects such as “Cattle and Buffalo production, Beef Production, Meat Hygiene, Advance meat production and slaughtered animal by products technologies.

Undersigned is engage with farmers through field days and also arrange special seminars for the farmers to improve their production performance of Livestock. Undersigned is also

involved in providing consultancy services to the progressive farmers regarding the livestock production and development enterprises. Undersigned is on HEC approved panel of supervisors for Livestock Production. Therefore involve in supervising post graduates students in their research activities. Undersigned is currently busy in developing own research projects.

2. **Assistant Professor, Department of Livestock Management, University of Agriculture Peshawar (Mid Feb, 05 to Mid Dec, 09);**

Undersign is mainly responsible for teaching and research activities with to the post graduate, graduates and under graduate students. Undersigned mainly involved in Livestock production related subjects such as “ sheep and Goat Production, Livestock Management, and Animal Production in Warm climate and Animal Breeding and potential of our breed. Undersigned is engage with farmers through field days and also arrange special seminars for the farmers to improve their production performance of Livestock. Undersigned is also involved in providing consultancy services to the progressive farmers regarding the livestock production and development enterprises. Undersigned is on **HEC approved panel of supervisors for Ph.D. Studies in Livestock Production**. Therefore involve in supervising post graduates students in their research activities. Undersigned is currently busy in developing own research projects.

3. **Station Director, Livestock Research & Development Station, Surezai, Peshawar (Oct, 2004 till Mid Feb, 2005)**

Undersigned mainly responsible for overall management of the farm, selection and improvement of local cattle breeds, introducing modern intervention regarding sustainable utilization of natural/ agriculture resources, conducting need oriented research on animal performance, biomass production of rangeland/ agricultural fields and provide demonstration and trainings facilities to the progressive farmers to increase their livestock production. Being drawing disbursing officer/ administrative officer, I am used to account matters, Budget preparation, conducting feasibility studies, preparation of PC-1 for future research.

4. **Station Director, Livestock Research Station, Jaba, Mansehra (Sep, 2003 to Sep, 2004)**

Undersigned was mainly responsible for overall management of the Station. I got working experience of sheep management, crossbreeding program, introducing modern intervention regarding sustainable utilization of natural resources/ rangeland, conducting need oriented research on animal performance, biomass production of rangeland, control grazing and

provide demonstration and trainings facilities to the progressive farmers to increase their livestock production. Being administrative officer, I became used to account matters, Budget preparation, conducting feasibility studies, preparation of PC-1 for future research.

Undersigned introduce buffalo in the Livestock Research Station Jaba, to maximise biomass utilization and increase revenue for the Government of Khyber PakhtunKhwa.

5. **Consultant (June - Sep, 2003)**

Undersigned worked as Consultant with Palas Conservation Development Project (**PCDP**), Kohistan. Whose overall goal is to “*Safeguard the biodiversity of the Palas Valley by enabling the local communities to tackle the linked causes of poverty and incipient natural resource degradation*”. This consultancy was regarding the “Feasibility on the introduction of improved breeds of small and large animals in the Palas Valley of Kohistan”.

6. **Assistant Director (planning) (Sep 2002 to Aug, 2003)**

Undersigned main responsibilities were supervising the progress of the various schemes and Developmental projects of the Directorate of Livestock and Dairy Development Department, Government of Khyber Pakhtunkhwa, Peshawar Pakistan. Experienced in making quarterly reports & PC-1 formulation. Supervise the field days farmers shows and promoting healthy linkages with various subsections of agricultural departments and farmers.

7. **Working with European Union funded project (Jan, 1999 to August, 2002):**

Undersigned worked as researcher in the EU- Agri-Karakoram Project on quantification of different feed resources of highlands small farmers, their importance in the livestock nutrition of transhumance systems of livestock production and efficiency of managements of natural resources for sustainable utilization in the Hindu-Kush Karakoram Himalayan region of Pakistan. During the course of study village communities were intensively involved in managing sustainable use of natural resources. During that undersigned learnt technical expertise in developing new research ideas, data analysis technical writing, and rapport relationship with farmers and presentation skill. Undersigned developed the skill of dealing deadlines & successfully completing multiple demands on time.

8. **Sheep Development Officer (1.6.1997 to 10.1.1999):** Undersigned was responsible for the preparation of future livestock projects. My activities involved in conducting training, fields days and animal shows in the remote areas of FATA to increase farmers’ awareness regarding the technical aspect of increase livestock production performance. Being drawing & disbursing officer, undersigned experienced the Budget preparation and utilization and account matters.

9. **Working with FAO (1.6.1995 to 31.5.1997):** Being posted as Wool Analyst (supervisory post) in Livestock Research substation Khawaza Khela Swat, Khyber Pakhtunkhwa, Pakistan, I worked in coordination with **Sheep and Wool Project, FAO, and National Agriculture Research Council, Islamabad**, and run a newly formed Sub-station. The main objectives of the institute were to improve the wool quality of the highland sheep by cross breeding with the Rambouillet and selection of elite animals within local breed. Frequent visits were made to alpine pasture of Swat, Besham, Dasu and Malakand Division to understand the not only sheep production of different transhumance flocks, but also to provide technical support for sustainable management of natural resources and to study the impact of improvement on livelihood of the individual farmers.
10. **Instructor (20.1.1994 to 31.5.1995)** at Animal Husbandry In-service Training Institute (AHITI), DUTCH Funded Bilateral project Peshawar. The aim of the AHITI project was technology transfer to the skilled in-service staff of the livestock and dairy development department and the progressive farmers in the field of Livestock Management and extension methodology. The trained staff and progressive farmers are then expected to provide necessary extension services to the livestock farmers. During that period I was not only involved in participatory trainings such as RRA, PRA but also involved in initiating meat production on standard cut basis.
11. **Warden (20.1.1994 to 31.5.1995)** during that period at AHITI, I learn the experience of warden as additional duty, which helped me to learning how to better facilitate integration between various participants and How to create friendly environment to learn from their experiences. The said institute received delegates of different ethno-social groups from various part of the country. Being a warden helped me to understand different cultural conflicts and cope with the situation where differences arise on the basis of cultural values/traditions which sometime led to serious security concern.
12. **Teaching Assistant (Part time Jan, 1993 to December 1993).** Worked in the Faculty of Animal Husbandry and veterinary Sciences, University of Agriculture, KHYBER PAKHTUNKHWA, Peshawar. I taught different subjects under the supervision of Prof. Mian Mushtaq Ahmad and Associate Prof. Dr. Amjad Jamshed.
13. **Data Supervisor (June 1991- December 1992):** Monitored the impacted of livestock extension activities in the fields the adoption of extension messages and reporting of field problems for improvement in extension services under the supervision of Dr. Pete Tesselar (Chief Technical Advisor Dutch Mission).

Other Courses, Seminar, Workshops Conferences and study visits attended:

1. 1994 One week practical training course in sheep and goats husbandry with Dr. Iain Auld (Australian Expert and Mr. Piet Bijmen (Dutch Expert)).
2. 1994 One week practical training course on poultry husbandry under the expertise of Mr. Gerrit Van linde (Dutch Expert).
3. 1994 one week training on better Extension by Chief Technical advisor Pete Tessalar.
4. 1995 One week training of practical problems of different livestock production system of Pakistan held in Bhadurnagar Livestock Research station Okara Punjab.
5. May 1996, One-week course on Body condition score assessment of livestock species held in National Agriculture Research council Islamabad.
6. Sheep Development plans, National workshop on held at NARC, Islamabad One week Jun, 1996
7. 1997 International conference on Animal Production held at NARC, in 2-4 December,
8. 1998, one week National workshop on sustainable management of resources for better environment held in Pearl Continental hotel, Karachi.
9. Annual Conference Meeting held in March, 1999 British Society of Animal Sciences UK
10. March 1999, three days course on Basic Statistics In Genstat held by Bioss, Dundee. UK
11. Multiple Regression Analysis course In Genstat held in March 1999 by Bioss, Dundee, UK
12. Analysis of variance In Genstat held April, 1999 by Bioss, Scottish Agri College Aberdeen. UK.
13. April, 2001 British Society of Animal Sciences Annual conference meeting held in York UK
14. May, 2001 EU-Agrikar Workshop held in Gilgit Northern Areas, Pakistan.
15. April, 2002, Attended conference of BSAS and Presented paper in British society of animal science, University of York. UK
16. May, 2002 Attended conference on regional strategy for changing the face of pastoralism in the Hindu Kush Tibetan Plateau Highlands, Lhasa, Tibet.
17. 22- 24 April, 2003, attended an international conference on Goat Production in SAARC Countries. Held in Islamabad, organised by PARC, Islamabad, Pakistan
18. Participated in one month course on the Staff Teaching Skill Development organised by the Director Teaching of the KHYBER PAKHTUNKHWA Agri. Uni Peshawar and funded by HEC, in March, 2007
19. Participated in Conference on “Transferring Field learning into knowledge for academic discourse” organised by Institute of Rural Management, NRSP Islamabad, HEC and Agri. Uni. on 10th April, 2007

- 20.** Participated on one week course on “PC-1 Formulation & Development” organised by the Planning and Development directorate of Agri. Uni Peshawar in 16- 23rd July, 2007
- 21.** Attended a training on animal slaughtering and meat processing from 17th Nov to 28th Nov, 2008 at Animal production Development center Valenzuela, Philippine.
- 22.** Training conducted to the farmers of the Mansehra district for the milk processing and milk preservation. Held at Mansehra, March 2009
- 23.** Provide training to the butchers of the Bagh, Azad Jamuu Khashmir for three days, Oct 2009.
- 24.** International symposium on “Institutional linkages for agricultural Development in Pakistan” 20-22 December,2010 Funded by HEC, organised by AUP.
- 25.** Presented paper on Conference on "Red meat production in Pakistan" (October 2010) BZU Multan, Pakistan Vol:1 pp:6- (Conference proceeding Published)
- 26.** Presented paper on Conference on "International Dairy Science park conference” held at KP Agricultural University Peshawar, Pakistan November 2011 Conference proceeding Published)