



# Curriculum Vitae

## A. PERSONAL INFORMATION

**Name:** Hussan Ara Begum

**Father's Name:** Mumtaz Hussain Khan

**Date Of Birth:** 24.04.1974

**N.I.C. No:** 12101-8462965-2

**Religion:** Islam

**Nationality:** Pakistani

**Domicile:** Dera Ismail Khan

**Languages Spoken:** Saraiki, Urdu, English, Pashto

**Marital Status:** Married

**Postal / Permanent Address:** C/O, Zaffar Suhail Sadozai, sadozai house, Mujahid Street, Moh: Hafiz

Jamal, DIKhan.

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## B. EDUCATIONAL RECORD

Level of Education / Examination Passed	Institution / Board / University	Date of obtaining Certificate / Degree	Marks Obtain/ Total	Division/ Grade/ Distinction	Specialized Field
S.Sc(Science)	BISE,Bannu	<b>1990</b>	631/850	1 <sup>st</sup> /1 <sup>st</sup> position in School	<b>Science Group</b>
F.Sc(Pre-Medical)	BISE,Bannu	<b>1993</b>	697/1100	1 <sup>st</sup> /1 <sup>st</sup> position in class	<b>Pre-medical</b>
B.Sc(Hons)Agri	Gomal Uni,DIKhan	<b>1997</b>	738/900	1 <sup>st</sup> /2 <sup>nd</sup> position in faculty	<b>Agri;Entomology</b>
M.Sc(Hons)Agri	Gomal Uni,DIKhan	<b>2000</b>	877/1000	1 <sup>st</sup> / Gold Medal	<b>Agri;Entomology</b>
B.Ed	Gomal Uni,DIKhan	<b>2007</b>	753/1200	1 <sup>st</sup>	<b>Education</b>

### Topic of M.Phil/ M.Sc(Hons):

Effect of cucurbit intercropping and the number of sprays of dipterex 80sp against fruit fly complex on bittergourd (*Momordica charantia* L.) at DI Khan district [Pakistan].

### Topic of Ph.D:

Influence of Different Pollen Sources on Physiology of *Apis mellifera* L. in Dera Ismail Khan(Pakistan).

## C. JOB DETAILS -TEACHING AND RESEARCH EXPERIENCE

S.NO	Job Title, Period of Service and Address of Employer	Job Duties/ Responsibilities
1.	Lecturer 17 December 2012 to-date, Department of Entomology, Faculty of Agriculture,Gomal University, DIkhan	<p>1.Teaching of subjects:</p> <ul style="list-style-type: none"> <li>• Medical &amp; Veterinary Entomology</li> <li>• Apiculture</li> <li>• Ecology and ecosystem</li> <li>• Insect Behavior</li> <li>• Plant Resistance to Insect Pests</li> </ul> <p>2. Supervise research activities of students of M.Sc(Hons) and B.Sc(Hons)</p> <p>3. Supervision of Apiculture section recently opened in faculty of agriculture</p> <p>4. Supports Incharge of Faculty</p> <p>5. Member of admission committee of Faculty of Agriculture.</p>
2.	Water Management Officer (WMO) 16 Dec 2004 to December 2011- Employer:Ministry of Livestock and Agriculture,NWFP	<ul style="list-style-type: none"> <li>• Designing of Watercourses in Super Calc 5 for Field Teams.</li> <li>• Visit to concerned watercourses.</li> <li>• Supervision of survey stacking and construction works.</li> <li>• Compilation of Monthly Progress Reports and minutes of meeting with monitoring officers from PMU.</li> </ul>

		<ul style="list-style-type: none"> <li>• Checking of files for estimates and design approval.</li> <li>• Training of Sub-engineers &amp; WMOs relevant to designing of W/Cs.</li> </ul>
3.	<p>Research Associate Oct 2003 to Jan 2005 Employer: Higher Education Commission (HEC)</p>	<p>To Assist the Principle Investigator in</p> <ul style="list-style-type: none"> <li>• Managing Lab and Field activities.</li> <li>• Recording of Research Data.</li> <li>• Analysis of Data in M-Stat</li> <li>• Reporting and Documentation</li> <li>• Taking classes of B.Sc(Hons) Part-11 and M.Sc(Hons) Part-1</li> </ul>
4.	<p>Assistant Program Coordinator Jan 2003 to September 2003 Employer: Save the Children Sweden (SCS)</p>	<ul style="list-style-type: none"> <li>• To supervise the overall activities of community mobilizers.</li> <li>• Conduct monthly meetings with Village Integration Committees (VICs) to conclude the impact of project.</li> <li>• Reporting and Documentation.</li> </ul>
5.	<p>Community Mobilizer December 2002 to Jan 2003 Employer: : KZR associates, Islamabad Quality Improvement Consultant (QIC), Pak and SMEC International, funded by the Asian Development Bank.</p>	<ul style="list-style-type: none"> <li>• Identifying Community Leaders and Parents.</li> <li>• Organizing School Management/Village Education Committees</li> <li>• Training Headmistress and DEOs in Community relations.</li> <li>• Proposing an initial community intervention program, including enrolment demand program.</li> <li>• Proposing support program including security for the teachers and monitoring teachers' absence, transfers, appointment and identification of local teachers.</li> <li>• Assisting SMCs to develop after school women's programs and to raise students and teachers' expectations, including life skills program for girls.</li> </ul>
6.	<p>Assistant Social Advisor (WID)  January 2002 to December 2002 <b>Employer:</b> Infra-D Consultants (IDC), Islamabad Pak in Joint Venture with Sheladia Associates. Inc. USA.</p>	<p>Assisted the Consultants' Team in preparing individual and group-interviewing women in Development (WID) questionnaire for PIME Studies in the stage-I, II and III area of the CRBIP and participated in the pretest of the survey instruments in the field.</p> <ul style="list-style-type: none"> <li>• Carried out Data Collection in the study area on the behalf of sociologist, socio-economic specialist, Women in development specialist, Environmental specialist and livestock specialist of the study team in line with the scope of PIME studies and guidelines given by the immediate supervisor and team leader.</li> <li>• Interviewed 390 female individual target beneficiaries on 44 watercourses to collect socioeconomic and activities of women in agriculture sector and status for project impact monitoring and evaluation studies.</li> <li>• Assisted in conducting Participatory Rural Appraisal (PRA) in 40 villages of stage-III and outside command area of CRBIP to document the issues being faced by the females of the farmers.</li> <li>• Assisted the WID consultant in review, fill in the gaps, tabulation and compilation of the WID sector primary data for phase-II report.</li> <li>• Assisted in preparing a comprehensive report on WID sector</li> </ul>

		<p>for inclusion into the draft final report of PIME studies phase-II.</p> <ul style="list-style-type: none"> <li>• Assisted in conducting special <b>case studies</b> in the project area to fill in the gaps in the data finding for impact assessment of the project.</li> <li>• Assisted in <b>Benchmark (Preliminary Visual)</b> survey for the PIME phase-II to know about the recent status of distributaries, watercourses, soil type and cropping patterns in the CRBC command area.</li> <li>• Completed data collection, cleaning and tabulation for WID Farm level Socioeconomic &amp; Agro-economics status in stage-III of CRBIP.</li> <li>• Coordinated and facilitated the key informants prior to the enumerators to conduct survey and PRA activities.</li> <li>• Conducted <b>Participatory Rural Appraisal (PRA)</b> in stage-III of CRBIP to complete baseline study in 40 villages.</li> <li>• Collected secondary data from line agencies of NWFP and Punjab in lines with the scope of PIME studies.</li> <li>• Assisted in sorting and proof reading of draft final report</li> </ul>
7.	<p>General Science and Biology Teacher January 2000 to January 2002 Employer: Army Public School &amp; College System (APS&amp;C) DIKhan.</p>	Teaching of different subjects as assigned

#### D. ADMINISTRATIVE EXPERIENCE

S.No	Administrative Experience	Period served From-To
1.	Assistant Program Coordinator	Jan 2003 to September 2003
2.	Water Management Officer (WMO) Grade-17	16 Dec 2004 to December 2011

#### E. POST PH.D RESEARCH EXPERIENCE

N/A

#### F. PROJECTS EXECUTED/ COMPLETED

N/A

#### G. INTERNATIONAL CONFERENCE/ FESTIVAL/ SYMPOSIUM

1. Attended Eco- Forum Global Annual Conference Guiyang 2016 held in Guiyang, Guizhou province, China with the theme, “Embracing a New Era of Eco-Civilization: Advancing Green Development, Unifying Knowledge and Action.”
2. Attended and participated in 21 days seminar on, “Climate Change and Green Low Carbon Development” in Beijing, China from 6-26 July, 2016

3. Attended and participated three days International Entomological Congress-2019 (IEC) on April 08-10, 2019, organized at Department of Entomology, University of Agriculture Faisalabad, Pakistan.

#### H. WORKSHOP/ SEMINAR/ CONFERENCE/BUSINESS FORUM/JOB FAIR

Name & Place	Presented/ Attended/ Participated	Duration From-To
Climate Change and Green Low Carbon Development” in Beijing, China from	Presented Pakistan	6-26 July, 2016
Attended and participated three days PACE collaborative workshop on religious tolerance i.e., from 22-24 October in Islamabad arranged by CRSS Islamabad.	Participated	22-24 October, 2017
One day national seminar on “Present Status of Vector Borne Diseases in Livestock and their Economic Impact” held on joint venture of Gomal university, UVAS, PSF, Islamabad organized by Faculty of Veterinary and Animal Sciences.	Attended	20 <sup>th</sup> December, 2018
Two days “Gender Sensitization workshop” organized by District Government DIKhan in collaboration with IUCN-Program Support for Northern Pakistan (PSNP) from	Participated	September 5- 6 of 2005.
National Conference on Sustainable Agriculture for Rural Development & Poverty Alleviation organized by Foundation for Progress in Collaboration with the Department of Food & Agriculture, Govt. of Sindh & M/O Food, Agriculture & Livestock, and Govt. of Pakistan.	Participated	19 <sup>th</sup> & 20 <sup>th</sup> May 2004

#### 1.FORMAL TRAINING

Name & Place	Type of Training	Duration From-To
Human & Institutional Development Program (HID) arranged by Pakistan Village Development Program (PVDP) in collaboration with local NGOs in DIK	Participatory Reflection and Action Training (PRA)	May 2002-March 2003
Human & Institutional Development Program (HID) arranged by Pakistan Village Development Program (PVDP) in collaboration with local	Social Mobilization and Organizational Skill Development and Leadership	May 2002-March 2003

NGOs in DIK	& Management Skills	
Project Impact Monitoring & Evaluation (PIME) Office, consultants Block Stage-III, CRBC Colony Dera Ismail Khan.	Three days training in Participatory Rapid Rural Appraisal (PRA)	January,2002
Attended the training workshop organized by Oxford University Press Workshop under the leadership of Mr. Nicholas Horsburgh in Peshawar.	Teaching techniques of Oxford Modern Courses of English, Science, Social Studies of Pakistan, Art & Craft Sound Engineering	17 <sup>th</sup> November 2000
Teaching Techniques in Army Public School & College, DIKhan	Teaching Techniques	June 19-30,2000
Agriculture Research Institute (ARI) Ratta Kulachi DIKhan.	Safe Use of Agro-Chemicals	May19-20, 1999

## J. DISTINCTIONS/ AWARDS/ ACHIEVEMENTS

<b>Title of Award/ Certificate</b>	<b>Year</b>	<b>Awarded / Nominated/ Presented by</b>
Topper of District DIKhan in middle school Exams	1989	Peshawar Board
president Talent Scholarship award and distinction certificate	1990	Government of Pakistan
First female Gold medalist in the history of Faculty of Agriculture, DIKhan	2004	Gomal university, DIK
Only female who was recommended for <b>field work</b> as Water Management Officer	2005	ONFW, DIKhan
Deputed officially twice as resource person for four days i.e. from June 9 to 13 of 2005 and August 20 to 24 of 2005 to train the trainees (Sub-Engineer & Water Management Officers) in the field of computerized training of water courses in On Farm Water Management, Training Center NWFP DIKhan.	2005	Farm Water Management, Training Center NWFP

## K. MEMBERSHIP OF ORGANIZATIONS

- Member of Executive body of Social Alliance for Human Activation and Rehabilitation Against Disability (SAHARA) welfare organization, DIK.
- OWSD-Pakistan

## L. INTERNATIONAL PUBLICATION OF BOOKS

N/A

## M. NATIONAL PUBLICATION OF BOOKS/ANNUAL REPORT/NEWSLETTERS

N/A

## N. ACADEMIC AND RESEARCH ACHIEVEMENTS

1. Deputed officially twice as resource person for four days i.e. from June 9 to 13 of 2005 and August 20 to 24 of 2005 to train the trainees (Sub-Engineer & Water Management Officers) in the field of computerized training of water courses in On Farm Water Management, Training Center NWFP DIKhan.
2. Supervised the monitoring team from 21<sup>st</sup> to 24<sup>th</sup> April of 2003 to monitor the extended program for immunization (EPI) carried out by local NGO VEER of DIKhan on behalf of SoSec consultancy Islamabad.

## O. SCHOLARLY, HONOURARY AND UNIVERSITY EXTENSION LECTURES

## P. EDITORIAL AND VETTING OF INTERNATIONAL/ HEC RECOGNIZED JOURNALS

## Q. LIST OF RESEARCH PUBLICATIONS (IMPACT FACTOR/ HEC RECOGNIZED)

1. **Begum, H. A.**, Hussain, S. A. S., Khan, L., & Khattak, M. K. (2000). Effect of cucurbit intercropping and the number of sprays of dipterex 80sp against fruit fly complex on bittergourd (*Momordica charantia* L.) at DI Khan district [Pakistan]. *Pakistan Journal of Biological Sciences (Pakistan)*.
2. Khan, S. M., & **Begum, H. A.** (2005). Population dynamics of canola aphid and varietal performance of canola varieties against it in DI Khan, Pakistan. *Pak. Ent*, 27, 37-41.
3. Khan, S. M., & **Begum, H. A.** (2005). Chemical control of canola aphid *Lipaphis erysimi* Kalt (Aphididae: Homoptera). *Pak. Entomol*, 27(2), 29-35.
4. H.ur Rehmana, H., Nadeema, M., Ayyazb, M., & **Begum, H. A.** (2015). Comparative Efficacy of Neem Oil and Lambdacyhalothrin against Whitefly (*Bemesia tabaci*) and Jassid (*Amrasca Devastans* Dist.) in Okra Field1. *RUSSIAN AGRICULTURAL SCIENCES*, 41(2-3).
5. Iqbal, J., Nawaz, A., Nadeem, M., Islam, T., Shahzad, M. F., & **Begum, H. A.** (2018). Evaluation of qualitative losses of maize genotypes to *Sitophilus zeamais* (Motsch)(Coleoptera: Curculionidae) and its response to plant extracts under laboratory condition. *Pakistan Journal of Agricultural Sciences*, 55(1).

6. Iqbal, J., Ali, Z., Aasi, M. S., Ali, A., Rasul, A., **Begum, H. A.**, & Nadeem, M. EVALUATION OF SOME NEW CHEMISTRY INSECTICIDES AGAINST COTTON WHITEFLY (BEMISIA TABACI GENN.)(HEMIPTERA: ALEYRODIDAE).
7. “PHYTOTOXIC EFFECT OF PLANT EXTRACTS ON PHYSIOLOGY OF COTTON (Gossypium hirsutum L.) PLANTS” Muhammad Naeem Zahoor, MUHAMMAD Nadeem, Jamshaid Iqbal, Muhammad Faisal Shahzad, Tahir Islam and **Hussan Ara Begum**. PLANTA DANINHA Journal:Accepted

## R. REFERENCES

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