

## **Ahmedani M. Shoaib, B.Sc. Hons. M.Sc. Hons., Ph.D.**

EFQM Assessor and Leader for Excellence

**Assistant Professor Quality and Development**

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### ***Professional Strengths***

- ◆ Sound in planning, Development, Monitoring and Assessment of the Academic programs under the directions of Higher Education Commission of Pakistan (HEC) and the National Commission for Academic Accreditation and Assessment (NCAAA) of the Kingdom of Saudi Arabia (KSA).
- ◆ Experienced in the Development of Strategic Plan and Establishing of the QMS
- ◆ Possess working knowledge concerning implementation of the ISO 9001-2008, NCAAA, ADEE standards and preparation of Self Study Reports, Annual Program Reports
- ◆ Command in the Development & conduct of stakeholder's surveys, presentation and publication of statistically analyzed results.
- ◆ Applied virtual and real benchmarking relating to various educational processes.
- ◆ Being a certified EFQM European Assessor, carried out internal audit and assessment of the NCAAA standards
- ◆ Ensured implementations and follow up of the recommendations of the external auditors

### ***Professional Experience in Quality Assurance***

- ◆ **King Saud University, College of Dentistry** **October 2009-Present**
- ◆ **As a Member Strategic Planning Unit:**
  - Carried out SWOT analyses of the stakeholders' feedback to devise and revise Vision, Mission and objectives of the college.
  - Studied the Key performance Indicators defined by the NCAAA and KSU-QMS, identified our own benchmarks and KPIs and compared with those of the top most institutions of the world.
  - Identified and planned projects to enhance quality of academics and research
  - Developed Gantt charts to map pace of different projects meeting the target schedule.
  - Monitored Implementation of the Projects.
- ◆ **As a Member Quality Unit:**
  - Assisted in development of mission, vision, goals and objectives for the college
  - Contributed in development and conduct of students', faculty, employees, employers' satisfaction surveys, their statistical analyses, interpretation of results and writing reports
  - Establishment of Information Center and management of documents related to Quality audit, enhancement and assurance as well as Institutional and Programmatic accreditation with NCAAA, ISO as well as with the international agencies e.g. Association for Dental Education in Europe (ADEE)
  - Identified Key Performance Indicators (KPIs) and developed a mechanism for process benchmarking to enhance quality in all disciplines of the college.
  - Mapped different Educational processes using IGRAFEX software

- Participated in organization of Seminars, workshops and awareness lectures about quality assurance, educational methodologies and students' assessment
- Participated in preparation of Annual Program Reports
- Development of policies and procedures**

◆ **As a Member Accreditation Unit:**

- Prepared briefings about accreditation requirements for the NCAAA, ISO and the ADEE
- Carried out Self Study exercises using the KSU-QMS score book and self-Evaluation Scales for Higher Education
- Prepared Institutional Self Study Report for the NCAAA
- Prepared Institutional Self Study Report for the ADEE (International Accreditation)
- Reviewed Course Specification File, Question papers, Model Answer sheets, Students' activities and Course Reports

◆ **As Quality Management Representative of the ISO:**

- Monitored and ensured implementation of the systems and instructions for Quality Management System.
- Ensure the distribution of Controlled and restricted documents
- Planned the agenda for internal audit of the departments and units. Reviewed the results of internal audit - cases of non-compliance with internal and external auditors and maintained proper records.
- Followed procedures for corrective measures and the cases of non-conformity with the relevant authorities for taking appropriate measures to eliminate non-conformity and to incorporate correction.
- Organized the Management Review Meetings, prepared agenda of meetings as well as minutes of the meeting
- Kept proper record records pertaining to the request for corrective and preventive actions as well as maintained the records of the respective corrective and preventive actions.

**Achievements:**

- Fulfilled ISO-9001-2008 requirements and the college was declared as ISO certified during July, 2010.
- Completed Starric scoring of Self Evaluation scales as well as rubric scoring of the KS\_QMS score book.
- Edited Program Specification and Self Study Reports

◆ **ARID AGRICULTURE UNIVERSITY, RAWALPINDI**      **Mar. 2008 – Sept. 2009**

◆ **Deputy Director Quality Enhancement Cell**

◆ **Faculty Development and Quality Enhancement Seminars, Workshops**

Following the HEC policies, arranged several seminars, workshops and trainings to equip the faculty with the latest techniques pertaining to Teaching Methodologies, Research techniques, Preparation of Synopsis, writing of Thesis, Research papers, Research Ethics, Quality of Question papers, Evaluation Techniques etc.

◆ **INITIATION OF SELF ASSESSMENT EXERCISE**

With a view to accredited the University with HEC, initiated Self Assessment procedure in each department of the University with demonstration as how to conduct this activity in the light of Program Mission Statement, Program objectives and expected out comes. The

exercise was based on 8 criteria including Teacher Evaluation, Course Evaluation, laboratories and computing facilities, Student Support and guidance, Process control and Institutional support. The Self Assessment Report (SAR) comprised 10 proformae including Teachers Evaluation Proforma, Course Evaluation Proforma, Graduating Student survey, Research Student Survey, Alumni Survey, Faculty Survey, Employer Survey and the Department offering PHD degree survey. A Model Self Assessment Report pertaining to Pathology department was edited for the guidance of other departments.

- ◆ **EVALUATION OF SELF ASSESSMENT REPORTS**

Evaluated SARs prepared by different departments of the University in light of Self Assessment Manual prescribed by the Higher Education Commission. Inspite of resistance from the faculty, we succeeded to convince all the departments to prepare the SARs, which were reviewed by me before their final submission to the Vice Chancellor, Higher Education Commission and the External Assessment Teams (Quality Audit Teams). Later on Executive summaries of each SAR was also prepared for the perusal of the Vice Chancellor with implementation plan based on recommendations of the Assessment Teams.

- ◆ **EVALUATED QUALITY OF Ph. D, M. Phil., M. Sc. HONS., & M.Sc. SYNOPSES**

To improve quality of research, I evaluated Ph.D., M. Phil. and M.Sc. Research Proposals/synopses to verify their quality in terms of standard of research, relevancy to the current problems, techniques used, rational of the study, standard of writing and socioeconomic importance of research.

- ◆ **EVALUATED QUALITY OF Ph. D, M. Phil., M.Sc. HONS., & M.SC. THESES**

In the present Capacity, I regularly evaluate Ph.D., M. Phil. and M.Sc. dissertations to verify quantum and standard of research in the light of respective synopses, thesis format, university policy, research ethics, plagiarism, techniques employed, statistical analyses, interpretation of results and discussion. For this purpose university provided me the access to following anti-plagiarism seawares.

-iThenticate Plagiariim Checker

-Turnitin-WriteCheck

- ◆ **COURSE SPLIT SCHEDULES/CLASS DISCIPLINE**

Evaluated Course split schedules submitted by the faculty at the start of each semester to ensure that course contents of both theory and practical have been incorporated in the week wise and lecture wise breakup of the course. Besides I with the assistance of Assistant Director QEC monitored the faculty to ensure that the split schedule is followed in letter and spirit.

- ◆ **REVIEW OF COURSE FILES AND THEIR EVALUATION**

Each faculty was required to submit a course file including contents of the course taught, Split schedule, Mid-term, Final term and Practical paper, marking keys for these papers, Titles of the Assignments, Quizzes given to class, grading policy, grading sheets, Award lists, problems faced etc at the end of each semester. These course files were reviewed by me to audit the quality of question papers, evaluation of the marking procedure, quantum of the course contents covered and the standard of practical enabling the students to coup with filed problems independently.

◆ **MEETINGS OF VICE CHANCELLOR WITH THE DEANS/HODs**

Assisted the Director Quality Enhancement Cell and the Vice Chancellor in convening yearly review meetings to evaluate academic and research progress of each department and faculty with the ultimate objectives of improving quality through awards/punishment and on spot problem solution.

◆ **ADMINISTRATION OF THE QEC**

On behalf of the Director QEC, administered the cell in relation to maintain efficiency and discipline of staff, distribution of assignments, job description, leave accounts, procurement of office equipment and stationery items, official correspondence, preparation of reports, analyses and compilation of feed back

◆ **ACCREDITATION WITH ISO & PAK. HIGHER EDUCATION COMMISSION**

- ◆ The undersigned remained involved in inviting the external auditor, getting their quotations, facilitating their visit and ensuring compliance of follow up by the respective departments, institutes and faculties.

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*Professional Experience in Teaching and Training of Staff*

◆ **Allama Iqbal Open University, Islamabad Pakistan**  
**As Visiting Faculty**

2006 – 2009

-Taught Post graduate Course **“Research Methods in Community Health and Nutrition”** to the MBBS students who were pursuing their specialization (M.Sc.) in Community Health and Nutrition.

◆ **Accomplishments:**

- Trained the students with latest analytical and statistical techniques to ensure food safety in health and nutrition research.

**University of Arid Agriculture, Rawalpindi-Pakistan**

2007-08

- Taught undergraduate course on Environmental Pollution
- Taught undergraduate course on Pest Scouting and Forecasting and pesticide applications

◆ **Accomplishments:**

- Trained the students about cutting edge knowledge of pesticide application, evaluation of results, spray techniques and environmental pollution caused by pesticides
- Trained the students about the methods of pest scouting and forecasting to ensure judicious use of pesticide for achieving health and food safety.

**Government of Punjab Food Department, Pakistan**

1995-2004

- Trained the Staff about Food Quality
- Drawl and analyses of Food Samples
- Nutritional loss of Foods by biotic and abiotic factors
- Procurement, Management, Storage and protection of Foodgrains

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## *Research Experience and Field Experience*

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### ◆ **STATISTICAL SKILLS:**

- Proficient in testing of hypothesis by applying **T-Test, Z test, Chi Square Tests** to analyze efficacy of insecticides
- Sound in executing **Analysis of Variance** test (**F-Test**) in Completely Randomized design (**CRD**), Randomized Complete Block design (**RCBD**), Latin Square Design (**LSD**), **Factorial, Split Plot** and **Split Block** experiments by using **MSTATC, SPSS** and **MINITAB** statistical softwares for testing the significance of insect mortality
- Comparison of treatments through **Least Significant Difference (LSD) Test, Duncan's Multiple Range (DMR) Test, Turkey's Test, and Student-Neuman-Keul's Test** to compare mean mortalities of different insect control treatments
- **Probit Analysis** to determine Resistance Ratio (**RR**) or Resistance Factor (**RF**) in different insect populations against different **Synthetic insecticides, Botanicals, Biological control agents, Controlled Atmosphere** and low or high Temperatures.

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## *Training Certificate Courses*

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### ◆ **Institute for Total Quality Management Zurich, Switzerland**

- Leader for Excellence Training
- EFQM European Quality Assessor
- Process benchmarking

### ◆ **Boston University, Chelmsford, MA 0194**

- Project Management Certificate (MDO113 Introduction to Stakeholder Management)

### ◆ **Project Management Institute, 14 Campus Boulevard, Newtown Square, USA**

- Dynamics of Leadership

### ◆ **Quality Guro Courses**

- Quality- Basics
- ISO 14001 Basics
- Introduction to Six Sigma
- Introduction to ISO 9001 2008

### ◆ **U.S. Department of Health and Human Services, Office of Research Integrity**

- Ethical Issues in Research
- Interpersonal Responsibility in Research Ethics Course
- Institutional Responsibility in Research Ethics
- Professional Responsibility in Research Ethics

### ◆ **Oregon State University USA, Corvallis, Oregon 97331-4501**

- Childhood Food Insecurity: Health Impacts, Screening and Intervention

### ◆ **University of California, USA**

- Protecting Human Research Subjects in Social and Behavioural Research
- Laboratory Safety Program

- ◆ **University of Agriculture, Faisalabad, Pakistan**  
-Computer programming Course
- ◆ **Pakistan Academy for Rural development, Peshawar, Pakistan**  
-Communication Skills
- ◆ **Grain Management Cell, Government of Punjab Food Department**  
-Training course for Assistant Controller of Inspection  
-Refresher course on phosphine fumigation  
-Refresher course on Methyl bromide fumigation

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### *Workshops and Conferences Attended*

- Workshop on Significance of self-assessment in 21st century Universities
- Strategies of Teaching
- Assessing Learning & Evaluating Teaching
- How to Write and Defend a Research Proposal
- 12th All Pakistan Food Science Conference
- Second International Weed Science Conference
- Food Security of Pakistan at a glance
- Phosphine fumigation as alternative to methyl bromide against stored grains insect pests
- Use of Carbon dioxide and Nitrogen atmosphere as methyl bromide alternative
- Use of elevated temperatures as alternative to methyl bromide against stored grains
- Controlled and Modified Atmospheres to Preserve Post Harvest Quality of Stored Grains
- Intl. Conference on Biological Resources of Pakistan: Problems, Success and Future Perspectives
- Seminar on “Combating Desertification in Pakistan
- New trends in agriculture: progressive farmers experiences and technologies
- National Seminar on the Role of Agriculture & Forestry in Mitigating Adverse Effects of Climate Change
- Biotechnology: Shaping Future Agriculture
- Scope of Olive Cultivation in Pakistan

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### *Education*

- ◆ -Arid Agriculture University, Rawalpindi, Pakistan, **Doctor of Philosophy in Entomology with special Emphasis on Food Quality (4.00/4.00) *Scholarship Recipient***
- ◆ -University of Agriculture, Faisalabad, Pakistan, **M.Sc. Honors. Grain Quality, (3.91/4.00) *Merit Scholarship Recipient***
- ◆ -University of Agriculture, Faisalabad, Pakistan, **B.Sc. Honors, Entomology, (3.27/4.00) *Merit Scholarship Recipient***
- ◆ -Board of Intermediate & Secondary Education, Multan, **F.Sc, Biology, Chemistry, Physics (732/1100) *Merit Scholarship Recipient***
- ◆ - Board of Intermediate & Secondary Education, Multan, **S.Sc,**

## **Science Group (670/850) Merit Scholarship Recipient**

### ***Professional Memberships***

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- International Forum of Educational Technology & Society
- Community of the Open Seminar in Research Ethics (OSRE)
- GCF Global Learning, Raleigh, North Carolina
- Institute of Mathematical Statistics, Beachwood, OH. U.S.A.
- **Project Management Institute**, 14 Campus Boulevard, Newtown Square, PA 19073-3299 USA
- National Sustainable Agriculture Information Service, USA
- United Kingdom Environmental Mutagen Society
- Development Gateway Foundation, 1889 F Street, NW, Second Floor Washington, D.C. 20006, USA
- Insciences organization, Reinacherstr. 129 4053 Basel, Switzerland
- Ocean Futures Society, USA Ocean Futures Society. 325 Chapala Street.Santa Barbara, CA 93101
- International Conservation Society
- Insect Images, University of Georgia/USDA Forest Service
- Society for Amateur Scientists, SciTech Hands-On Museum 18 West Benton, Aurora, IL
- Animal Rights & Zoology
- United States Society on Dams
- Ocean Realm Society, New Smyrna Beach, FL. U.S.A
- The Association of Religion, Ecology, and Society
- Scientific Review Board, India
- Entomological Society of Pakistan
- Weed Science Society of Pakistan
- American Humanist Association. 1777 T Street NW, Washington, DC
- World Bank Group Member
- Nature Conservancy-Nature Organization
- Global Youth Coalition on HIV/AIDS (GYCA)
- World Youth Forum
- World Habitat Society GmbH, Paderborner Str. 11, 33189 Schlangen, Germany
- iCAST (International Center for Appropriate & Sustainable Technology), 8745 West 14th Avenue, Suite 220, Lakewood CO, USA 80215
- Mavericks of Social Change, Canada
- World Trust Foundation
- Gender Equality and Non Discrimination, IC-ILO
- World Heritage, UNESCO
- Thirst Relief International
- The EC-FAO Food Security Information for Action Programme
- FSN-The Global Forum on Food Security and Nutrition, FAO



## Summary

A-	ISI Publications/Papers with Impact Factor	= 21
B-	Publications on Quality Assurance	= 05
C-	Paper Presented in Conferences	= 03
D-	Other refereed Publications	= 16
E-	In Progress Manuscripts	= 03
<b>Total</b>		<b>= 48</b>

### (A) Publications Relating to Quality Assurance-Self Assessment (ISI-Indexed Publication)

- ◆ **46. Ahmedani, M.S.** 2011. Comments # 20695, in *Education: Rethinking PhDs. Fix it, overhaul it or skip it completely- institutions and individuals are taking innovative approaches to postgraduate science training*, A. McCook, Ed. **Nature** **472**, 280-282 (2011) doi:10.1038/472280a (ISI-Indexed Publication)
- ◆ **45. Ahmedani, M.S.** 2011. Comments # 20541, in *Reform the PhD system or close it down*, M. Taylor, Ed. **Nature** **472**, 261 (2011) | doi:10.1038/472261a (ISI-Indexed Publication)
- ◆ **44. Ahmedani, M.S.** 2011. Comments # 20681, in *Satellite tracking will reveal turtle wanderings: Small tags promise to reveal where elusive reptiles spend their early lives*, Melissa Gaskill, ED. 2011 | **Nature** | doi:10.1038/news.2011.258 (ISI-Indexed Publication)
- ◆ **43. Al-Amri, M; E. Al-Madi; W. Sadik, and M.S. Ahmedani.** 2010. Factors Influencing Students' Performance at College of Dentistry, KSU. Submitted to **Am. J. Dent. Ed.** 0027 Oct 10 JDE (ISI-Indexed Publication)
- ◆ **42. Ahmed, R. and M.S. Ahmedani.** 2008. Self Assessment Report, department of Plant Pathology, PMAS-Arid Agriculture University, Rawalpindi, Pakistan. Published by Univ. Inst. Inform. Technology, PMAS-AAUR. pp.213.  
[http://www.uaar.edu.pk/qec/files/SAR\\_Dept\\_of\\_Plant\\_Pathology\\_AAUR.pdf](http://www.uaar.edu.pk/qec/files/SAR_Dept_of_Plant_Pathology_AAUR.pdf)
- ◆ **41. Ahmed, R. and M.S. Ahmedani.** 2008. Self Assessment Report, department of Entomology, PMAS-Arid Agriculture University, Rawalpindi, Pakistan. Published by Univ. Inst. Inform. Technology, PMAS-AAUR. pp.171.  
[http://www.uaar.edu.pk/qec/files/SAR\\_Department\\_of\\_Entomology.pdf](http://www.uaar.edu.pk/qec/files/SAR_Department_of_Entomology.pdf)
- ◆ **40. Ahmed, R. and M.S. Ahmedani.** 2009. Self Assessment Report, department of Soil Science and SWC., PMAS-Arid Agriculture University, Rawalpindi, Pakistan. Published by Univ. Inst. Inform. Technology, PMAS-AAUR. pp.166.  
[http://www.uaar.edu.pk/qec/files/SAR\\_Dept\\_of\\_Soil\\_Science\\_AAUR.pdf](http://www.uaar.edu.pk/qec/files/SAR_Dept_of_Soil_Science_AAUR.pdf)
- ◆ **39. Ahmed, R. and M.S. Ahmedani.** 2009. Self Assessment Report, department of Agriculture Extension, PMAS-Arid Agriculture University, Rawalpindi, Pakistan. Published by Univ. Inst. Inform. Technology, PMAS-AAUR. pp. 90.  
[http://www.uaar.edu.pk/qec/files/SAR\\_Dept\\_of\\_Agri\\_Extension\\_AAUR.pdf](http://www.uaar.edu.pk/qec/files/SAR_Dept_of_Agri_Extension_AAUR.pdf)

### (B). International Publications in Impact Factor-ISI Recognized Journals

- ◆ **38. Ahmedani, Muhammad Shoaib, M.I.Haque, Syed Nadeem Afzal, M. Naeem, T. Hussain and S. Naz.** 2010. "Quantitative losses and physical damage caused to wheat kernel (*Triticum aestivum* L.) by Khapra beetle infestation. *Pak. J. Bot.* 43(1):659-668.  
[http://www.pakbs.org/pjbot/PDFs/43\(1\)/PJB43\(1\)659.pdf](http://www.pakbs.org/pjbot/PDFs/43(1)/PJB43(1)659.pdf) (ISI-Indexed Publication)



- ◆ **37.** Naeem, MUHAMMAD, Irfan AHMED, Iftikhaar HUSSAIN, M. Shoaib AHMEDANI. 2010. Performance Of Taste Enhancers mixed with Cereal bases and Evaluation of the Most Preferred Bait Composition for *Bandicota Bengalensis* (Gray). *Afr. J. Biotech.* **10**(19):3938-3944.  
<http://www.academicjournals.org/ajb/PDF/pdf2011/9May/Naeem%20et%20al%201.pdf> (ISI-Indexed Publication)
- ◆ **36.** Ahmedani, M. S., S. Naz and A. H. Sayyed. 2010. PSOCID: A New Risk for Global Food Security and Safety. Accepted in *J. Appl. Entomol. Zool., Japan.* **45**(1): 89-100.  
[http://www.jstage.jst.go.jp/article/aez/45/1/45\\_89/article](http://www.jstage.jst.go.jp/article/aez/45/1/45_89/article) (ISI-Indexed Publication)
- ◆ **35.** Ahmedani, M.S. M. Aslam, S. Naz, M.Y. Ahmedani. 2009. Manoeuvring Humidity to Augment Response of Phosphine against adult and Egg Stages of *Liposcelis bostrychophila* Badonnel (Psocoptera :Liposcelidae). *Afric. J. Biotechnol.*, **8** (18):4653-4662. (ISI-Indexed Publication)  
<http://www.academicjournals.org/AJB/PDF/pdf2009/15Sep/Ahmedani%20et%20al.pdf>
- ◆ **34.** Ahmedani, M. Shoaib, M. I. Haque, S.N. Afzal, M. Naeem, and S. Naz. 2009. Varietal Changes in Nutritional Composition of wheat Kernel (*Triticum aestivum* L.) caused by Khapra beetle infestation. *Pak. J. Bot.* **41**(3):1511-1519. (ISI-Indexed Publication)  
[http://www.pakbs.org/pjbot/PDFs/41\(3\)/PJB41\(3\)1511.pdf](http://www.pakbs.org/pjbot/PDFs/41(3)/PJB41(3)1511.pdf)
- ◆ **33.** Afzal, S.N., I. Haque, M. S. Ahmedani, M. Munir, S.S. Firdous, A. Rauf, I. Ahmad, A. R. Rattu and M. Fayyaz.. 2009. Resistance potential of wheat germplasm (*Triticum aestivum* L.) against stripe rust under rain-fed climate of Pakistan. *Pak. J. Bot.* **41**(3):1463-1475.  
[http://www.pakbs.org/pjbot/PDFs/41\(3\)/PJB41\(3\)1463.pdf](http://www.pakbs.org/pjbot/PDFs/41(3)/PJB41(3)1463.pdf) (ISI-Indexed Publication)
- ◆ **32.** Saleem, A., F. Hassan, A. Manaf and M S. Ahmedani. 2009. Germination of *Themeda triandra* (Kangaroo grass) as affected by different environmental conditions and storage periods. *Afr. J. Biotech.* **8** (17): 4094-4099. (ISI-Indexed Publication)  
<http://www.academicjournals.org/AJB/abstracts/abs2009/1Sep/Saleem%20et%20al.htm>
- ◆ **31.** Ahmedani, M. S. M.I.Haque, S. N. Afzal, U. Iqbal and S. Naz. 2008. Scope of commercial formulations of *Bacillus thuringiensis* Berliner as an alternative to methyl bromide against *Tribolium castaneum* adults. *Pak. J. Bot.*, **40**(3):2149-2156. ISSN: 0556-3321  
<http://www.scopus.com/scopus/source/sourceInfo.url?sourceId=19983>  
[http://pakbs.org/pjbot/PDFs/40\(5\)/PJB40\(5\)2149.pdf](http://pakbs.org/pjbot/PDFs/40(5)/PJB40(5)2149.pdf) (ISI-Indexed Publication)
- ◆ **30.** Naeem, M., M.S. Ahmedani,, W. Abdullah , M. Aslam. 2008. Response of Cereal Aphids and their Natural Enemies in Association with Advance lines and Indigenous varieties of Wheat. *Submitted to Italian Journal of Zoology*.
- ◆ **29.** Ahmedani, M. S. and A. Khaliq. 2007. Overview of Psocids: As a new threat to stored grains and scope of thermal treatment for management. *Int. Pest Contr.*, **49**(4):128-135 ISSN: 0020-8256 (ISI-Indexed Publication)  
<http://direct.bl.uk/bld/PlaceOrder.do?UIN=215796670&ETOC=RN&from=searchengine> (British Library Direct)  
<http://cat.inist.fr/?aModele=afficheN&cpsidt=19107528>
- ◆ **28.** Afzal, S.N., M.I.Haque, M. S. Ahmedani, S. Bashir . 2008. Impact of Stripe Rust on Kernel weight of wheat varieties sown in Rainfed Zone of Pakistan. *Pak. J. Bot.*, **40**(2):923-929. ISSN: 0556-3321 (ISI-Indexed Publication)  
<http://www.scopus.com/scopus/source/sourceInfo.url?sourceId=19983>  
[http://www.pakbs.org/pjbot/PDFs/40\(2\)/PJB40\(2\)923.pdf](http://www.pakbs.org/pjbot/PDFs/40(2)/PJB40(2)923.pdf)  
<http://www.scopus.com/scopus/source/sourceInfo.url?sourceId=20433>
- ◆ **27.** Ahmedani, M. S., A. Khaliq and Irfan-ul-Haq. 2007. Scope of Commercial formulations of *Bacillus thuringiensis* Berliner as an alternative to methyl bromide against *Trogoderma granarium* Ev. Larvae. *Pak. J. Bot.*, **39** (3): 871-880 ISSN: 0556-3321  
<http://www.scopus.com/scopus/source/sourceInfo.url?sourceId=19983>

- [http://www.pakbs.org/pjbot/PDFs/39\(3\)/PJB39\(3\)871.pdf](http://www.pakbs.org/pjbot/PDFs/39(3)/PJB39(3)871.pdf) (ISI-Indexed Publication)
- <http://www.fao.org/agris/search/display.do?f=2008/PK/PK0713.xml:PK2007001309>
- ◆ **26. Ahmedani, M. S., A. Khaliq, A. H. Sayyed.** 2007. A new approach of Split dosage for application of Aluminium Phosphide against the PH<sub>3</sub> resistant psocids in stored grain. *J. Chem. Soc. Pak., 29 (6): 38-544.* 0253-5106 (ISI-Indexed Publication)  
<http://direct.bl.uk/bld/OrderDetails.do?did=2&uin=222779210> (British Library Direct)  
<http://www.scopus.com/scopus/source/sourceInfo.url?sourceId=23349>
  - ◆ **25. Ahmedani, M. S., Nazia Shaheen, M. Younus Ahmedani and M. Aslam.** 2007. Standing of phosphine Resistance in Khapra beetle (*Trogoderma granarium* Everts) strains collected from remote villages of Rawalpindi district. *Pak. Entomol. 29 (2): 95-102.* ISSN:1017-1827  
<http://www.pakentomol.com/vol29issue22007/09.pdf> (ISI-Indexed Publication)
  - ◆ **24. Afzal, S.N., M. I. Haque, M. Shoaib Ahmedani, S. Bashir and A. R. Rattu.** 2007. Assessment of Yield Losses caused by *Puccinia striiformis* triggering stripe rust in the most common wheat varieties. *Pak. J. Bot., 39 (6): 2127-2134.* ISSN: 0556-3321  
<http://www.scopus.com/scopus/source/sourceInfo.url?sourceId=19983>  
[http://www.pakbs.org/pjbot/PDFs/39\(6\)/PJB39\(6\)2127.pdf](http://www.pakbs.org/pjbot/PDFs/39(6)/PJB39(6)2127.pdf) (ISI-Indexed Publication)  
<http://www.fao.org/agris/search/display.do?f=2008/PK/PK0810.xml:PK2008000943>
  - ◆ **23. Ahmedani, M. S., A. Khaliq, M. Tariq, M. Anwar and S. Naz.** 2007. Khapra beetle (*Trogoderma granarium* Everts): A serious threat to Food security and safety. *Pak. J. Agric. Sci., 44 (3): 481-493.* ISSN: 0552-9034 (ISI-Indexed Publication)  
<http://www.fao.org/agris/search/display.do?f=2008/PK/PK0808.xml:PK2008000664>  
<http://www.pak-jas.com/issues/v44-3.html>  
<http://pakjas.com.pk/upload/54767..pdf>
  - ◆ **22. Ahmedani, M. S., A. Khaliq and M. Aslam, M. Y. Ahmedani and S. Naz.** 2006. Germination losses of wheat seeds caused by Khapra beetle (*Trogoderma granarium* Everts) larvae collected from Pothwar region of Pakistan. *Pak. J. Arid Agric. 9 (2):1-4.* ISSN 1027-877X  
[http://www.uaar.edu.pk/new/journal/pak\\_j\\_arid\\_agri\\_9\\_2\\_1.pdf](http://www.uaar.edu.pk/new/journal/pak_j_arid_agri_9_2_1.pdf)
  - ◆ **21. Ahmedani, M. S., A. Khaliq and M. Aslam, S. Naz and M.Y. Ahmedani.** 2006. Fumigation Technique used in House Type Godowns for the Management of Resistant *Trogoderma granarium* larvae. *Pak. J. Arid Agric. 9(2):5-11.* ISSN 1027-877X  
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