

# **CURRICULUM VITAE**

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## Particulars

Father's name Hafiz Abdur Rahman (Late)  
Date of birth 11<sup>th</sup> Feb, 1963  
Place of birth Dera Ismail Khan, N.W.F.P.(PAKISTAN)  
Nationality Pakistani  
Marital status Married  
Children Three  
N I. C. No. 82401-0887951-6

## **ACADEMIC QUALIFICATIONS**

Degree/Certificate	University / Board	Year	Marks Obtained	Division
Post doc.	Quaid-i-Azam University	6 <sup>th</sup> March-5 <sup>th</sup> Sep. 2005	National Core Group in Chemistry	
Ph.D	Gomal University	2000	Organic chemistry	
M.Sc (Chemistry)	Gomal University	1987	1622 / 2400	1 <sup>st</sup>
B.Sc	Gomal University	1984	479 / 700	1 <sup>st</sup>
F.Sc	B.I.S.E Peshawar	1982	588 / 1000	2 <sup>nd</sup>
S.S.C	B.I.S.E Peshawar	1978	564 / 850	1 <sup>st</sup>

**M.Sc Thesis Title:** Isolation and structural studies on the Alkaloids of *Eurotica ceratoids*.

**Ph.D. Dissertation:** Isolation and Identification of the Chemical Constituents of *Centaurium pulchellum* and *Aiouea shonbergii*.

### **DISTINCTION AND AWARDS**

- i) Nominated for Mohtarma Fatima Jinah Gold Medal / certificate for excellence 2004.
- ii) 1<sup>st</sup> woman Ph.D scholar in the District D.I.Khan on October 2000.
- iii) UGC scholarship during Ph.D course.
- iv) First position in organic Chemistry, Gomal University, D.I.Khan.
- v) Merit Scholarship during M.Sc.
- vi) Cash Award for third Position In B.Sc.
- vii) Merit scholarship in B.Sc.

### **EXPERIENCE:**

1. Research officer in Pakistan Science Foundation Project entitled Sesquiterpene lactone from medicinal plants in Pakistan from 1<sup>st</sup> July 1991 to 2<sup>nd</sup> November 1991.
2. Worked as Lecturer in Organic Chemistry at the Department of Chemistry, Gomal University, Dera Ismail Khan from 3<sup>rd</sup> November, 1991-31<sup>st</sup> January, 2003
3. Working as Assistant Professor (BPS-19) in Organic Chemistry at the Department of Chemistry, Gomal University, Dera Ismail Khan since 1<sup>st</sup> February, 2003.

### **POST DOCTORAL RESEARCH:**

Isolation, structure elucidation and bioassay of the constituents of *Capparis aphylla*. (Natural Product Chemistry) under NCGC Pak.

### **THESES SUPERVISED**

1. Search for Taxol in *Taxus* species found in Pakistan. Muhammad Israr, M.Sc Chemistry thesis, Gomal University, Dera Ismail Khan, 1992.
2. Chemistry of *Lawsonia inermis* (Henna) M. Tariq, M.Sc Chemistry thesis Gomal University, Dera Ismail Khan, 1992.
3. Studies on chemical constituents of *Rumex hastatus*. Zakir Hussain, M.Sc Chemistry thesis, Gomal University, Dera Ismail Khan, 1994.
4. Chemical Constituents of *Bauhinia variegata*. Samia Qureshi, M.Sc Chemistry

- Thesis, Gomal University, Dera Ismail Khan, 1996.
5. Botanical Aspects and uses of *Curcuma longa*. Farid Fatima Khattak, M.Sc Chemistry thesis, Gomal University, Dera Ismail Khan, 1996.
  6. The isolation of Artemisinin from *Artemisia vulgaris*. Khalid Mehmood, M.Sc Chemistry thesis, Gomal University, Dera Ismail Khan, 1998.
  7. Chemical constituents of *Bauhinia variegata* leaves. Muhammad Khalid, M.Sc Chemistry thesis, Gomal University, Dera Ismail Khan, 1998.
  8. GCMS analysis and biological screening of some important Essential oils. Zia Muhammad, M.Sc Chemistry thesis, Gomal University, Dera Ismail Khan, 2001.
  9. Studies on some Physico-chemical properties of some Fixed oils. Latif-ur-Rehman M.Sc Chemistry thesis, Gomal University, Dera Ismail Khan, 2001.
  10. Studies on the chemical constituents of *Xanthium strumarium*. Ghulam Abbas, M.Sc Chemistry thesis, Gomal University, Dera Ismail Khan, 2002.
  11. Phytochemical and Biological studies on the constituents of medicinal Plants (*Euphorbia wallichii* and *Ranunculus repens* Linn.) Rukhsana Gul **M.Phil** thesis, Gomal University, Dera Ismail Khan, 2006.

#### **CONFERENCES AND WORKSHOP ATTENDED.**

1. 4<sup>th</sup> International Symposium and Pakistan US Binominal Workshop on Natural Products Chemistry held on 27<sup>th</sup> Jan- 2<sup>nd</sup> Feb, 1990, at HEJ, Research Institute of Chemistry, International Center for Chemical Sciences, University of Karachi, Pakistan.
2. Second National Chemistry Conference held on 28<sup>th</sup> – 31<sup>st</sup> Dec 1990, at HEJ, Research Institute of Chemistry, International Center for Chemical Sciences, University of Karachi, Pakistan.
3. Third National Chemistry Conference held on 20<sup>th</sup> – 23<sup>rd</sup> Dec, 1991 at Gomal University D. I. Khan, NWFP, Pakistan.
4. Work shop entitled Theoretical and Computational Chemistry held on 6<sup>th</sup> -11<sup>th</sup> Feb, 1993 at National Academy for Higher Education University Grants Commission, Islamabad. Pakistan.
5. 5<sup>th</sup> National Chemistry Conference held on 25<sup>th</sup> – 28<sup>th</sup> Oct, 1993 at Quaid –i –Azam University Islamabad, Pakistan.

6. 19<sup>th</sup> IUPAC Symposium on the Natural Product Chemistry held on 15<sup>th</sup> -20<sup>th</sup> Jan, 1994 at HEJ, Research Institute of Chemistry, International Center for Chemical Sciences, University of Karachi, Pakistan.
7. UOP-HEJRIC workshop held on 1<sup>st</sup> -4<sup>th</sup> August 1994 Barra Gali Summer Campus, Peshawar, Pakistan.
8. 6<sup>th</sup> International Symposium on Natural Product Chemistry held on 18<sup>th</sup> -22<sup>nd</sup> Jan 1996, at HEJ, Research Institute of Chemistry, International Center for Chemical Sciences, University of Karachi, Pakistan.
9. 8<sup>th</sup> International symposium on Natural Product Chemistry held on 18<sup>th</sup> -22<sup>nd</sup> Jan 2000, at HEJ, Research Institute of Chemistry, International Center for Chemical Sciences, University of Karachi, Pakistan.
10. Training Course in Pharmacy held from 26<sup>th</sup> -31<sup>st</sup> March, 2001 at the Faculty of Pharmacy, Gomal University, D. I. Khan under University Grants Commission, Islamabad, Pakistan.
11. International workshop on the Development of Medicines from Plants held on 8<sup>th</sup> -13<sup>th</sup> Sep 2003 at HEJ, Research Institute of Chemistry, International Center for Chemical Sciences, University of Karachi, Pakistan.
12. One-day workshop on ISO 17025 at Gomal University held on 22<sup>nd</sup> Oct. 2003 from SMEDA and Gomal University, D.I.Khan, NWFP, Pakistan.
13. In Service Teacher Training Program held on 20-25<sup>th</sup> October 2003 sponsored by HEC at Department of Chemistry Gomal University D.I.Khan. (As resource person).
14. Workshop on Chromatography, Coordination and Polymer Chemistry held on 23<sup>rd</sup> Jan – 28<sup>th</sup> Jan 2006 at Department of Chemistry sponsored by NCGC and Gomal University D.I Khan.
15. One day National Workshop on 8<sup>th</sup> Oct- 2005, Earthquake. A Scientific Interpretation and Consequences held on Saturday 18<sup>th</sup> March 2006 at A.Q.Khan Auditorium Gomal University D.I. Khan.
16. One day training course for NMR 300MHz by German Scholar for Scientific Production Pakland held on 24<sup>th</sup> March 2006 at Department of chemistry Gomal University D.I.Khan.
17. 7<sup>th</sup> International & 17<sup>th</sup> National Chemistry Conference held on 26<sup>th</sup> - 28<sup>th</sup> February 2007, at Deptt: Of Chemistry Gomal University D.I.Khan , N.W.F.P Pakistan.
18. 3<sup>rd</sup> Two Days National Workshop on Quality Assurance and Enhancement in Academics and Research held on 26<sup>th</sup> – 27<sup>th</sup> January 2010 at Faculty of Pharmacy Gomal University, D. I. Khan. N.W.F.P, Pakistan.

19. Two Days Training Workshop on “Biosand Water Filter” held on Feb.09-10<sup>th</sup> 2010, held at Faculty of Agriculture, Gomal University, D. I. Khan, N.W.F.P, Pakistan.

### **PUBLICATIONS:**

1. Pesticides From Nature : Present and Future perspective, G.A Miana, Atta-ur-Rahman , Muhammad Iqbal Choudhry, G.Jillani and **Hafsa Bibi**. Crop Protecting Agents from Nature, Ed L.G. Copping, The Royal Society of Chemistry, 241-253.(1996)
2. Two new triterpene lactones from *Centaurium pulchellum*. **Hafsa Bibi**, Saeed Anwar, G.A. Miana and Atta-ur-Rahman. Fitoterapia, **71**, 130-133 (2000).
3. C<sup>13</sup> NMR Data Of Tetra Oxygenated Xanthenes from *Centaurium pulchellum* Druce, **Hafsa Bibi**, Irshad Ali, M.Iqbal Choudhary and G.A.Miana. Jour.Chem.Soc.pk,**26**(4)400-403(2004).
4. The identification of Acetyl Ramosin A as O-Methyl Cyclital.Saeed Anwar, **Hafsa Bibi**, Irshad Ali and M. Usman, Sci. Khy. **17**(1), 83-86 (2004).
5. Two Oxo-aporphine alkaloids from *Aiouea Schonbergii*. Saeed Anwar, **Hafsa Bibi**, Irshad Ali and M. Usman, Sci. Khy. **17**(2), 207-213 (2004).
6. Phytochemical Studies and Antibacterial activity of *Centaurium pulchellum*. **Hafsa Bibi**, Irshad Ali,S.K.Saddozai & Atta-ur –Rahman,J.Nat.Prod. Research, **20**(10) ,896-901 (2006)
7. Biological activities of Different Bark Extracts of *Capparis aphylla*, **Hafsa Bibi**, M.Usman,Irshad Ali,Imam Baksh Baloch,G.A. Miana and Gulzar Hameed ,Proceeding of 7<sup>th</sup> International & 17<sup>th</sup> National Chemistry Conference, under the auspices of the Chemical Society of Pakistan ,Februray 26-28(2007).
8. Emulsification of Oil in Water as affected by Ultrasonification period ,Gulzar Hameed, Musa Kaleem Baloch,Gulrez Fatima Durrani and **Hafsa Bibi**,Gomal University, Jour of Research, **25** (2), 23-29 (2009).
9. Cytotoxic Principles of *Capparis aphylla*, **Hafsa Bibi**, Javed H. Zaidi, M.Usman and G.A. Miana ,J.Nat.Prod. Research,2009(submitted)

## REFERENCES

1. Professor Dr Ghulam Abbas Miana (S.I),  
Dean, Ripha Institute of Pharmaceutical Sciences,  
Ripha International University,  
274 Peshawar Road, Rawalpindi, Pakistan.  
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3. Dr Sher Khan, Associate Professor,  
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