


Curriculum Vitea (CV)

A: Personal Data:

Name	DR. IRSHAD ALI	
Father's name:	MASOOM ALI	
Date of Birth:	15.09.1951	
Mailing address:/ Official address:	Chemistry Department, Gomal University, Dera Ismail Khan, Pakistan	
Permanent address	Gillani Town, Near Wensam college, Dera Ismail Khan.	

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Nationality: Pakistani. **Place of Birth:** Bannu

Present Status: *Professor and Chairman, Department of Chemistry, Gomal University
Dera Ismail Khan.
& H.E.C. Approved Ph.D Supervisor.*

B: Academic Qualifications:

Degree	University	Subjects	Year
Ph.D	H.E.J. Research Institute of Chemistry, University of Karachi, Karachi	Chemistry (Natural Products)	1982-87
M.Sc.	Gomal University, Dera Ismail Khan	Chemistry	1975
B.Sc.	University of Peshawar	Chemistry,Zoology,Geography	1973
F.Sc	BISE,Peshawar	Pre Medical	1971
S.S.C	BISE,Peshawar	Pre Medical	1969

C: Ph.D. Details:

Name of the University: H.E.J. Research Institute of Chemistry, University of Karachi, Karachi

Supervisor: Professor Dr. Atta – ur – Rahman (HI, SI, TI)

Field: Chemistry (Natural Products)

Date of Completion: March 9, 1987

Postdoctoral fellowship:

Supervisor: Professor Dr. J. D. Connolly.

Institution	Department	Period	
		From	To
University of Glasgow, Glasgow, U.K.	Chemistry Department	1991 to 1992	(9 months)

D: Service Record:

1: Teaching/Research Experience:

Institution	Position Held	Period	
		From	To
Department of Chemistry, Gomal University Dera Ismail Khan	As Professor	04.12.2008	to onward
Department of Chemistry, Gomal University Dera Ismail Khan	As Associate Professor	16.01.2004	to 3.12.2008
Department of Chemistry, Gomal University Dera Ismail Khan	As Assistant Professor	29.09.1987	to 15.01.2004
Department of Chemistry, Gomal University Dera Ismail Khan	As Lecturer	23.6.1986	to 28.09.1987
Ph.D. Periods	At H.E.J. Research Institute of Chemistry, University of Karachi, Karachi	23.2.1982	to 22.6.1986
Department of Chemistry & Wensam college	S.Guide (BPS.16) & Lecturer (BPS.17)	31-1-1976	to 22.2.1982

. E: Research Supervision:

PhD's Produced:	i : Muhammad Shoaib, ii. M. Ramzan
Ph.D. Registered	i. Kamran Safdar ii : Hidayat Ullah, iii: Farman Ali Khan, iv : Masood Afzal, v : Abdul Samad, vi : Dil Faraz, vii. : Muhammad Usman

M-Phil. Produced	i : Muhammad Shoaib Khan ii : Rukhsana Gul, iii : Wahib Noor Khan, iv: A.S.Niazi v. .Zia Ul Haq vi Shamsheer Khan
M.Phil.Registered	i.. Sahnaz Asmatullah, ii.. Arif Ullah, iii. Zahir Shah, iv. Sahnaz Dilawar, v. M.Sadiq, vi. M.Farooq Shekh

M.Sc Thesis Supervised

- (1) Isolation and structural studies on the Alkaloids of *Aiouea Schonbergland Eurotia Ceratoides*. (Hafsa Bibi, 1985 – 87).
- (2) Quantitative study of Nicotine in different Brands of locally available. cigarettes(Muhammad Iqbal: 1988 – 1990).
- (3) Isolation and structural studies on the constituents of *Withania Coagulance* Fruits. (S.N. Naeem: 1989 – 1991).
- (4) Comparative lipids profile studies in cardiac and Diabetic conditions (Fazal Rahim Khan (1994 – 1996).
- (5) Isolation and structural studies on the constituents of *Artemisia Vulgaris*. (Kausar Neelum: 1995 – 1997).
- (6) Changes in quality of Tomato under domestic storage condition. (session 1995 1997).
- (7) Studies on the stability of Ascorbic acid in Squashes during storage in different packing materials. (Aisha Mehmood Lodhi: 1996 – 1998).
- (8) Isolation and Structural Studies on the Constituent of *Suaeda fruticosa* (session 1996 –1998).
- (9) Determination of Saponification, Iodine, Acid values in different samples of Ghee (Sahar Yousaf: 1999 – 2001).
- (10) Isolation,Purification and Ultra violet Radiation studies of Biliverdin of Cow's bile (Saema Gul: 1999 – 2001).
- (11) Determination of white and red blood cells count in different animals blood (Musarat Jabeen (1999 – 2001).
- (12) Studies of chemical constituents of *Artemisia Kurramensis*. (Farman Nullah: 1999 – 2001).
- (13) Isolation and structural studies on the constituents of *Artemisia Scoparia Waldst* (Tariq Majid Marwat: 1999 – 2001).
- (14) Isolation, purification and spectroscopic studies on the biliverdine from bile of buffalo (1999-2001).
- (15) Determination of Saponification, Iodine, Acid values in different samples of oil (Salma Rana Niazi: 1999 – 2001).
- (16) Isolation and purification of gossypol from cotton seeds.
- (17) Comparative Assay study of different brands of Paracetamo Oxytetracycline & Ibuprofen.
- (18) Isolation and structural studies on the *Euphorbia Cornigera*.

F. Research projects:

Project Title	Principal / Co-Principal Investigator	Amount	Sponsoring Agency	Duration
Isolation, Structural Elucidation and Bioassay on the Constituents of Aconitum violaceum jack..	Principal Investigator	Rs. 940,000/-	H.E.C.	Two Years
Biochemical and Hormonal changes in childhood obesity and their correlation with cardio vascular and endocrinological complication. Role of adiponectin in obesity	Principal Investigator	Rs. 200,000	Gomal University	Two Years

G: Professional Achievements:

Higher Education Commission, Islamabad, awarded Best University Teacher award on excellent performance, 2008
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H: Conferences/Symposium attended

i. Symposium/ workshop organized by H.E.J. Research Institute of Chemistry, University of Karachi, Karachi	1984, 1986, 1988, 1990, 1994, 1996, 1998, 2000, 2002, 2004 and 2006
ii. International Science Conference at University of London, U.K	Feb. 14, 1992
iii. Eurasia conference organized by H.E.J. Research Institute of Chemistry University of Karachi, Karachi	Dec. 2002
iv. National conference organized by Chemical Society of Pakistan.	1989, 1993, 1998, 2007, 2008

I: Membership

i. Honorary Research Fellow appointed by the Court of Glasgow University, U.K	1991
ii. Membership of Chemical Society of Pakistan	Life Membership
iii. Membership of Royal Society of Chemistry, U.K.	Life Membership

J: List of Publications

(Including: Title, Author (s), Journal, (Country where published), Vol. No., Page No.,

A: Natural Products

1	Isolation of Rhazimol from the leaves of <i>Catharanthus roseus</i> , Atta-ur-Rahman, I. Ali , M. Bashir, <i>J. Nat. Prod.</i> , 47 (2) 389 (1984)	USA
2	Isolation and Structural studies on the alkaloids in flowers of <i>Catharanthus roseus</i> , Atta-ur-Rahman, I. Ali , M. Bashir, <i>J. Nat. Prod.</i> , 47 (3) 554 (1984)	USA
3	Isolation and Structure of Rosamine, a New Pseudoindoxyl Alkaloid from the Leaves of <i>Catharanthus roseus</i> , Atta-ur-Rahman, I. Ali , M. Bashir and M. I. Choudhary, <i>Z. Naturforsch.</i> , 39b , 1292 (1984).	Germany
4	Gomaline- A new indolenine alkaloid from the leaves of <i>Catharanthus roseus</i> , Atta-ur-Rahman, I. Ali , M. Bashir, <i>Hetrocycles</i> , 22 , 85 (1984)	Japan
5	NMR and Mass Spectroscopic Studies on Catharine, Atta-ur-Rahman, I. Ali and M. I. Choudhary, <i>Z. Naturforsch.</i> , 40b , 543 (1985).	Germany
6	Isolation and ¹³ C-NMR Studies on <i>Cathovaline</i> an Alkaloid from the Leaves of <i>Catharanthus roseus</i> , Atta-ur-Rahman, I. Ali and M. I. Choudhary, <i>Planta Medica</i> , 51 , 447 (1985).	Germany
7	¹³ C-NMR spectroscopic studies on Gomaline and Rosamine, Atta-ur-Rahman and I. Ali , <i>Fitoterapia</i> LVII (6) 438 (1986)	Italy
8	Alkaloids from the Leaves of <i>Buxus papillosa</i> , Atta-ur-Rahman, M. I. Choudhary, I. Ali and Habib-ur-Rehman, <i>J. Nat. Prod.</i> , 49 , 106 (1986).	USA

9	Bannucine- a New Dihydroindole Alkaloid from <i>Catharanthus roseus</i> , Atta-ur-Rahman, I. Ali and M. I. Choudhary, <i>J. Chem. Soc., Perkin Trans., I</i> , 923 (1986).	UK
10	Aspiodospermidose- A new alkaloid from the leaves of <i>Rhazya stricta</i> , Atta-ur-Rahman, I. Ali and Habib-ur-Rehman, Muzafar Alam and Shahnaz pervin, <i>J. Chem. Soc. Perkin Trans., I</i> , 1701-1704, (1987)	UK
11	Demethylpeceyline, A new dimeric indole alkaloid from <i>Petchia Ceylanica</i> , Atta-ur-Rahman, Azra Pervin, I. Ali , Anjum Muzaffar, K.T.D.DeSilva and W.S.J.Silva <i>Planta Medica</i> , 45 (1), 37 (1988).	Germany
12	New Bisindole Alkaloids from <i>Petchia Ceylanica</i> , Atta-ur-Rahman, Azra Pervin, I. Ali and Anjum Muzaffar, <i>Hetrocycles</i> , 27 (9), 2051 – 2057 (1988)	Japan
13	Leurosinone- A new binary indole alkaloid from <i>Catharanthus roseus</i> , Atta-ur-Rahman, Muzafar Alam, I. Ali , Habib-ur-Rehman, and Intekhabul Haq, <i>J. Chem. Soc. Perkin Trans., I</i> , 2175-2178, (1988)	UK
14	Antifungal Steroidal Lactones from <i>Withania coagulance</i> , M. I. Choudhary, D. Shahwar, Z. Parveen, Abdul Jabbar, I. Ali and Atta-ur-Rahman, <i>Phytochemistry</i> , 40 , 1243 (1995)	UK
15	¹³ C-NMR Data of Tetraoxygenated xanthenes from <i>Centaurium pulchellum</i> , H. Bibi, I. Ali , M. I. Choudhary and G.A.Miana, <i>J. Chem. Soc. Pak</i> , 26 (4), 400 - 403, (2004)	<i>J. Chem. Soc. Pak.</i>
16	The Identification of Acetylramosin-A as O-methyl Cyclitol, S. Anwar. H. Bibi, I. Ali , M.Usman and M.Subhan, <i>Scientific Khyber</i> , 17 (1), 83 – 86, (2004).	<i>Scientific Khyber</i>
17	Two Oxo-aporphine Alkaloids from <i>Alouea Schonbergii</i> , S. Anwar, H. Bibi, I. Ali , M.Usman and M.Subhan, <i>Scientific Khyber</i> , 17 (2), 207 – 213, (2004).	<i>Scientific Khyber</i>
18	Phytochemical studies and antibacterial activities of <i>Centaurium pulchellum</i> Druce, H. Bibi, I. Ali , S.K. Sadozai and Atta-ur-Rahman, <i>J. Nat. Prod.</i> , 20 (10), 896-901(2006).	UK
19	Isolation and Antibacterial Activity of compounds from <i>Ranunculus</i>	<i>J. Chem. Soc.</i>

	<i>Repens</i> L., W. N. Khan, R. Gul, I Ali and M. I. Choudhry, <i>J. Chem. Soc. Pak.</i> 28 (3) 271-274, (2006).	Pak.
20	New natural urease inhibitors from <i>Ranunculus repens</i> L. W. N. Khan, M. A. Lodhi, I. Ali , A. Haq, S. Bilal, R. Gul and M. I. Choudhary, <i>J. of Enzyme Inhibition and Medicinal Chemistry</i> , 21 (1), 17-19 (2006).	UK
21	Structural determination of diterpenes from <i>Daphne genkwa</i> by NMR spectroscopy, Kalsoom Akhtar, Sher Bahadar Khan and Irshad Ali , <i>J. of Magn. Reson. Chem.</i> , 44 , 1063 – 1066 (2006)	UK
22	Xanthine Oxidase Inhibiting Compounds from <i>Ranunculus repens</i> Linn. W. N. Khan, I. Ali , R. Gul, and M. I. Choudhary, <i>Chemistry of Natural Compounds</i> , 44 (1) 95-97 (2008)	China
23	Biological screening of different root extracts of <i>Euphorbia wallichii</i> , Irshad Ali , W. Noor Khan, Rukhsana Gul, and M. Iqbal Choudhary, <i>Pak. J. of Botany</i> , 41 (4), 1737 - 1741 (2009)	<i>J. of Botany Pak.</i>
24	130 kDa Acid phosphatase from the liver of <i>Labeo rohita</i> : Isolation purification and some kinetic properties, A. Siddiqua, Mamoonah Rahmat, Mehrin Sherazi, Asma Saeed, Rubina Naz, I. Ali and Ahmad Saeed, <i>J. Chem. Soc. Pak.</i> , 31 (5), (2009)	<i>J. Chem Soc. Pak.</i>
25	Methyl-5-chloro-2-hydroxy-3-(4-methoxyphenyl)-4,6-dimethylbenzoate, M. Adeel, Irshad Ali , Peter Langer and Alexander Villinger, <i>Acta Cryst.</i> , E65 , 0276 (2009).	U.K.
26	Purification and Biochemical Characterization of Alkaline Serine Protease from <i>Caesalpinia bonducella</i> , Hidayatullah Khan, Irshad Ali , Arifullah Khan, Mushtaq Ahmad and Atiya Abbasi, <i>Nat. Pro. Communitation</i> , 5 (6), 931- 934 (2010).	USA
27	Antimicrobial Constituents from <i>Buddleja asiatica</i> , Farman Ali, M. Iqbal, Abdul Malik and Irshad Ali , <i>J. Chem. Soc. Pak.</i> , 33 (1), 90 – 95 (2011)	<i>J. Chem Soc. Pak.</i>
28	Antibacterial, antifungal, antispasmodic and Ca ⁺⁺ antagonist effects of <i>Caesalpinia bonducella</i> , Hidayat-Ullah Khan, Irshad Ali , Arif-Ullah, and Anwarul Hassan, <i>J. Nat. Prod. Research</i> 25 (4), 444 - 449 (2011).	UK

B: Bio-Chemistry / Clinical Chemistry

29	Biochemical analysis of patients having Oligospermia and Azoospermia, I Ali , M. S. Khan, M. K. Baloch and G. M. Khan, <i>J. Med. Sc.</i> , 2 (2), 47 – 48, (2002).	<i>J. Med. Sc</i>
30	Comparative lipid profile studies in cardiac and diabetic conditions, I. Ali , Ikramullah, M.K.Baloch, and G. Mustafa, <i>Pak.J.Pharm. Sc.</i> , 17 (1),25–30, (2004)	<i>Pak. J. Pharm. Sci.Karachi.</i>
31	Semen parameters and Hormonal Profile of Infertile Patients. S. Khan, I Ali and M. K. Baloch, <i>J. Hamdard Medicus XLVII</i> , (2), 48 – 51, (2004).	<i>Journal. Hamdard Medicus</i>
32	Semen and Hormonal Analysis of Patients having Azoospermia and Oligozoospermia, Mubashir A. Shaikh, M. Shoib Khan, K.A. Shakoor and Irshad Ali , <i>Intl. Chem. Med. J.</i> , 1 (2) , 131 – 133 (2004).	<i>Intl. Chem. Med. J.</i>
33	A study of genotypic frequency of various blood group alleles, M. S. Khan, I Ali and M. K. Baloch, <i>Proc. Pak. Acad. Sci.</i> 41 (2), 89 – 93, (2004).	<i>Proc. Pak. Acad. Sci</i>
34	Evaluation of the gonadotropic ratios among men with varying sperm Quality, M. S. Khan, I Ali , M. K. Baloch, <i>Pak. J. of Medical Research.</i> , 44 (1), 19-21, (2005).	<i>Pak. J. of Medical Research</i>
35	Pattern of semen characteristics in infertile males. M. S. Khan, I Ali , Z.A. Khan, F. Tahir, F. Subhan, F. Deepa, W. Alam, B.M. Kazi and A.K. Karamat, <i>GJMS.</i> 3 (1), 6-9, (2005).	<i>GJMS.</i>
36	Role of estimating serum luteinizing hormone and testosterone in infertile males. M. S. Khan, I Ali , A.M. Khattak, F. Tahir, F. Subhan, B.M. Kazi, J.K. Aurakzai and N. Usman. <i>GJMS.</i> 3 (2). 61-65, (2005).	<i>GJMS.</i>
37	Hormonal disorders associated with infertility in male, M. S. Khan, I Ali and I. Khan, <i>Intl. Chem. Pharm. Med. J.</i> 2 (2), 259-62, (2005).	<i>Intl. Chem. Pharm. Med. J.</i>
38	Frequency of Polyzoospermia and Teratozoospermia in infertile men. M. S. Khan, I. Ali , et. al., <i>GJMS</i> , 4 (1), 10 -14, (2006).	<i>GJMS</i>
39	Determination of serum Gonadotropin and Testosterone levels in male infertility. M.S.Khan, I. Ali and Mukhtiar Hassan, <i>JPMI</i> , 91 (2), 86-91 (2007).	<i>JPMI</i>

40	Body Mass Status of School Children of Dera Ismail Khan, Pakistan, M. Ramzan, Irshad Ali and Abdus Salam Khan, <i>.J.Ayub Med.College</i> , 20 (4), 119 -121 (2008).	<i>J.Ayub Med.College</i>
41	Simultaneous analysis of the three hormones involved in spermatogenesis and their interrelation ratios, M.Shoaib Khan, Irshad Ali , Fahim Tahir and Gul Majid Khan, <i>Pak.J.Pharm.Sci.</i> , 21 (4) 344-349 (2008)	<i>Pak. J. Pharm. Sci. Karachi.</i>
42	Sonographic assessment of hepatic steatosis (fatty liver) in school children of Dera Ismail Khan City (N.W.F.P.), Pakistan, M.Ramzan, I.Ali and A.Matin <i>Pak. J. of Nutrition</i> , 8 (6), 797-799 (2009)	<i>Nutrition</i>
43	Hyperglycemic/Diabetic Condition in School Children of Dera Ismail Khan, M. Ramzan, and Irshad Ali <i>J. Hamdard Medicus</i> 52 , (4), 94 – 99, (2009).	<i>Journal Hamdard Medicus</i>
44	Iron Deficiency Anemia in School Children of Dera Ismail Khan, Pakistan, M. Ramzan, Irshad Ali and Abdus Salam, <i>Pak.J. of Nutrition</i> , 8 (3), 259-263 (2009)	<i>Nutrition</i>
45	Relationship between blood groups and male infertility, M.Shoaib Khan, Zahoor Ahmad, Roheela Hanif, Safeer Zoman Irshad Ali and Fresh-uz-Zaman, <i>.J.Ayub Med.College</i> , 22 (1), 119 121 (2010).	<i>J. Ayub Med.College</i>
46	Nutritional Status of Affluent School Children of Dera Ismail Khan, M. Ramzan, Irshad Ali , Faiqah Ramzan, and Faiza Ramzan <i>Pak.J. of Nutrition</i> , 9 (10), 1002-1005 (2010).	<i>Nutrition,</i>