Dr Jan

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**Objectives:**

A teaching and research position in the sector of Education/Energy/P&D with specialization in fuel (petroleum/petro-chemicals) chemistry in a reputed Institute where I can continue my teaching and research work for the betterment of mankind and his/her environment.

#### Behavioral and Interpersonal Skills

* Willingness to listen, to appreciate and work with the most vulnerable and marginalized people.
* Ability to work in a systematic and organised manner and within strict deadlines.
* Ability to cultivate and maintain good working relationships with partner organisations and community.
* Observable abilities of Leadership.

#### Job Related Questions

*Why I am leaving my current job:*

* After a long waiting period, I have found the proper opening in this organization, where my all skills have been utilized properly. So I am eager to join the esteemed and dream organization.
* I have given due justice to my present profile and I think, in my new job, will come across new challenges which will definitely enrich my knowledge and company will also get benefits from the enthusiasm of the new employee.
* Because I know your company has many more advance things for me instead of my previous company. Really I want to grow my career through your organization.
* For Better Growth & Great Future.

*Why I should be hired:*

* Because I fulfilled required expertise, knowledge & experience for this job further intense training& eager to learn is something I possess.
* If I am hired I assure you that I will prove myself to be a valuable, assist your organization. I want to excel my knowledge so that it will be beneficial for the growth of the company
* I have quality to do my profile job and also do other work which you desire. Furthermore, I have one more quality to finish my work before due time.
* I will prove that nobody compete my performance ( in your existing staff )

*Why I want to work in your Organization/Company/Department:*

* Looking at this company's portfolio I know I will get ample opportunity to constantly challenge myself and moreover I would get to work with the best
* I feel I would be able to utilize my skills and talent in a senior capacity. Because this is a well-established organization with boarder prospects to growth.
* No job is secure in private sector, it is your work that company have to decide your future.

*Why I would be better than some-one else:*

* I am very much self-motivated and Target driven candidate. I have the right qualities and adequate experience which is required for this job that's why I will be the better than anyone else.
* I am self-motivated, hardworking, disciplined, punctual and Target driven candidate. From last 14 years. I can prove myself as a best candidate if i am selected.
* Everyone has the desired qualification but what made me different is my hard-work, patience, desire of keen learning etc.
* I am hard worker and fully confidential of my work. I have self-motivated from successful activities

##### **Courses Studied**

##### *M.Sc Level*

##### *Fuel chemistry, organic chemistry, Inorganic chemistry, physical chemistry, Environmental chemistry, petroleum chemistry, Advance fuel analysis instrumental techniques, and coal conversion technologies.*

##### *M.Phil Level*

##### *Interpretive spectroscopy, Advance physical chemistry, Petrochemical Processes-I, Aquatic chemistry of Environmental, Applied polymer chemistry, Special topics in fuel chemistry, Special topics in Analytical chemistry, Special topics in pharmaceutical chemistry.*

##### *Ph.D Level*

##### *Atmospheric pollution, Special topics in Organic, Voltametric Techniques, Quantum, chemistry, Recent Topics in Physical chemistry & Molecular spectroscopy.*

##### **Working Experience**

1. **Chemist, in the project entitled “Analysis of Industrial Effluents of and its Effect on Drinking water, Soil and Plants” Institute of Chemical Sciences, University of Peshawar, Peshawar, KPK, Pakistan, 05th January 2006 ----05th July 2007. (01 year, 06 months)**

**Job Responsibilities:**

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* Sampling of water from various sites of industrial effluents.
* Physic-chemical Analysis of water samples including chemical and instrumental analyses
* Handling of lab chemicals, apparatuses and operation of sophisticated lab instruments.
* Interpretation of Spectra including Uv-visible, FTIR, GC-MS, Rancimat instrument for pH-metry, conductometry etc.
* Reporting of results in written form.

1. **Internee Institute of Chemical Sciences, University of Peshawar, Peshawar, KPK, Pakistan, 06th December 2007----7th December 2008. (One year)**

**Job Responsibilities:**

\* Teaching chemistry courses i.e. General fuel, petroleum, coal, bio-fuels, industrial, metallurgy techniques and analytical chemistry.

\* Experimental work i.e. demonstrated/conducted chemical and instrumental practicals to B.S and M.Sc Studentsrelated to fuel, applied, analytical, organic, inorganic and physical chemistry

\* Practical experience of organizing laboratory chemicals, apparatus and routine instruments.

1. **Teaching Assistant Institute of Chemical Sciences, University of Peshawar, Peshawar, KPK, Pakistan, 1st January 2009 ----13thApril 2011. (02 years, 03 months and 13 days)**

**Job Responsibilities:**

* Teaching chemistry courses i.e. General fuel, petroleum, coal conversion technologies, Characterization of fuels by advance instrumental techniques, environmental and applied chemistry.
* Experimental work i.e. demonstrated/conducted chemical and instrumental practicals to B.S and M.Sc Studentsincluding characterization and analysis of fuels like coal, coke crude oil and petrochemicals like gasoline, diesel fuel oil, kerosene oil and lubricants etc. special practicals regarding physicochemical and compositional evaluation of general fuels. Environmental chemistry prcticals of water, soil and gas analysis.
* Worked as Member of sports, refreshment, students affairs and examinations conduct committee
* Worked as Tutor of students group discussions on the various issues of the world
* Worked as Instructor of chemical education class.

1. **Lecturer (Regular) Higher Education Department, Government Degree College Landi-kotal Khyber Agency, FATA, Government of Khyber Pakhtunkhwa, Pakistan, 14th April 2011 ---- till date. (05 years, 03 months and 08 days)**
2. **Job Responsibilities:**

* Teaching chemistry courses i.e. Fundamentals of chemistry, Essentials of general chemistry, organic, inorganic, biochemistry, environmental, analytical and applied chemistry
* Experimental work i.e. demonstrated/conducted chemical and instrumental practicals to F.Sc and B.Sc Studentsfor involved qualitative and quantitative analysis including volumetric, gravimetric, conductometric, pH-metric, optical, photometric and spectrometric analysis, separation and purification techniques, detection & characterization techniques of analytical grade chemicals, water, soil and air samples.
* Worked as Member of admission, purchase, scholarship and security fund committee.
* Working as Organizer of seminars on various titles beneficial to students.
* Working as Deputy Chief Proctor.
* Working as Assistant controller of examinations.

Total Teaching Experience: 10 years, 03 months and 04 days

1. **Assistant Professor (Regular) Higher Education Department, Government Degree College Landi-kotal Khyber Agency, FATA, Government of Khyber Pakhtunkhwa, Pakistan, Ist Jan 2017 ---- till date. (03 months and 14 days)**

**Job Responsibilities:**

Similar Responsibilities As Above

Total Teaching/Research Experience: 11 years, 01)

Principal, Prime Education System, Peshawar. (Regular Evening

shift), 01 April 2008--- date. (09 years and 01 month)

Principal, Prime Education System, Peshawar. (Regular Evening

shift), 01 April 2008--- date. (09 years and 01 mont

##### **Skills Developed**

My previous jobs were found to be the excellent learning opportunities and I developed my skills and experience in numerous different ways.

I have developed skills including: teaching, presentation, communication, analysis of various oil/coal/gas/water/soil physic-chemical characteristics, formulating/blending lubricating oil with performance enhancing additives, supervision, monitoring, writing research paper, organizing seminars, operation and results analysis of routine lab instruments including FTIR, GC-MS, Uv-visible spectrophotometer, TGA, DSC analyzer, Rancimat apparatus, ORSAT apparatus, handling of lab apparatuses, interpersonal skills etc.

# *RESEARCH EXPERIENCE*

Worked as Research Scholar on the projects entitled as

* Influence of some commercial antioxidants on oxidative stability of Shell Lubricating oi (M.Sc)
* Influence of Crude Methanolic Extracts of Rice husk and Saw dust as Antioxidants on Thermo-oxidative Stability of Base Lubricating Oil (Ph.D)

Total Research Experience 12 years.

# *THESIS*

Thesis Writing and Organization experience in M.SC and Ph.D under the headings

* Influence of some commercial antioxidants on oxidative stability of Shell Lubricating oil (M.Sc)
* Influence of Crude Methanolic Extracts of Rice husk and Saw dust as Antioxidants on Thermo-oxidative Stability of Base Lubricating Oil (Ph.D)

# *TEACHING*

* Teaching Fuel Chemistry & Environmental Chemistry.
* Taught Applied, general (inter level) organic, inorganic and physical Chemistry (bachelor level)

# *PUBLICATIONS*

1. Imtiaz Ahmad, M. Shakirullah, M. Ishaq, M. Arsala Khan, **Jan Ullah**, (2011) "Influence of some antioxidants on the oxidative stability of Rimula D lubricating oil", Industrial Lubrication and Tribology, Vol. 63 Iss: 4, pp.234 - 238 , (Impact Factor 1.27, Five Years Impact Factor 1.28, based on JCR 2013).
2. Imtiaz Ahmad, **Jan Ullah**, M. Ishaq, Hizbullah Khan, Razia Khan, Waqas Ahmad, and KashifGul "Oxidative Stability of the Plain and Additized Mineral Base Oil Samples Monitored through Gas Chromatography–Mass Spectrometry, 2015, 29 (10), pp 6522–6528 (ISI Impact Factor 2.8, Five Year Impact Factor 2.8)
3. Imtiaz Ahmad, \**Jan Ullah**, Muhammad Ishaq, Hizbullah Khan, KashifGul, SaminaSiddiquic and Waqas Ahmad "Monitoring of oxidation behavior in mineral base oil additized with biomass derived antioxidants using FT-IR spectroscopy", RSC Adv., 2015,5, 101089-101100 (IF 3.8, Five year IF 3.9).
4. Imtiaz Ahmad, **Jan Ullah**, M. Ishaq, Hizbullah Khan, Razia Khan, Waqas Ahmad, KashifGul "Characterizing Antioxidant Potential of Alcoholic Extracts of Rice Husk and Saw Dust for Oxidative Stability of Base Lubricating Oil Using Physico-chemical Properties, Waste and Biomass Valorization, 1-11, 2015. (IF 1.05, Five year IF 1.55).

# *TRAINING*

* Participated in In-Service Training on Chromatography and Statistics, organized by National Centre of Excellence in Analytical Chemistry, University of Jamshoro under the auspices of National Core Group in Chemistry, Higher Education Commission, Islamabad held December 24, 2004-Jan 8, 2005.
* Participated in Training on troubleshooting in Gas Chromatography organized by P.C.S.I.R Laboratories, Lahore under the auspices of Ministry of Science and Technology, Government of Pakistan from June 10-14, 2009.
* Attended Apprenticeship offered by Hydrocarbon Development Institute Peshawar Chapter in 2008.
* Remained as Active participant of In-service Training Program at HETTA (Higher Education Teacher”s Training Academy) Compulsory for Promotion, organized by Higher Education Department Govt. of Khyber Pakhtunkhwa from 04 March 2016 to 14 May 2016.

# *INSTRUMENT USAGE PROFICIENCY*

* Operated different instruments in the Chemistry Department, University of Peshawar, like pH meter, UV visible spectrometer, Polarimeter, TDS meter, Spectronic-21, Kinematics viscometer, Bomb Calorimeter, Bomb Autoclave, Flash Point determination apparatus& ORSAT apparatus,H1 and C13 NMR, IR, FTIR, GC-MS, Distillation Apparatus, Pour point Determination Apparatus, TGDT Analyzer, DSC instrument etc.

# *LANGUAGES*

* English, Urdu, Pushto (Vernacular). English is the Medium of Instruction in the University of Peshawar.

# *ADMINISTRATIVE EXPERIENCE*

* Worked as Assistant Warden in KHYBER HOSTEL, Govt. Degree College Landikotal.
* Member Departmental Works Committee, Sports & Games Committee, Local Purchase Committee, Entertainment & Social Activities and SAT.

# *CONFERENCES ATTENDED*

* Second National Conference on Fuel and the Environment held at Peshawar University Summer Campus, Bara Galli, July 01-05, 2010.
* 4thConference on Recent Trends in Indigenous Chemical Analysis and Data Presentation Skills, Bara Galli, july 01-04 2008.

# *COMPUTER LITERACY*

##### Proficiency in spreadsheets (MS- Excel), word Processor (MS-Word), Internet surfing and Windows.

# *PAPERS PRESENTED IN CONFERENCES*

1. **Jan Ullah** “Monitoring Oxidation Levels in Plain and Additized Mineral Base oil Samples using FTIR ”. Presented at 2nd National Conference on Fuel and the Environment July 20-24, 2009 held at Peshawar University Summer Campus, Bara Galli.
2. **Jan Ullah**“Characterizing Antioxidant Potential of Alcoholic Extracts of Rice Husk and Saw Dust For Oxidative Stability of Base Lubricating Oil Using Physico-chemical Properties” Presented at Ist Symposium Recent Trends in Chemical Analysis and Data Presentation Skills July 07-04, 2010 held at Peshawar University Summer Campus, Bara Galli.

# *POSTERS PRESENTATION*

1. **Jan Ullah**, "Influence of some antioxidants on the oxidative stability of Rimula D lubricating oil” Presented at 3rd Annual spring poster presentation on dated 05-03, 2011 held at Institute of Chemical Sciences, University of Peshawar, Pakistan.
2. **Jan Ullah** " Thermo-analytical Monitoring of Oxidative Stability of Plain and Additized Mineral Base oil Samples at Low and High Temperatures” Presented at 4thAnnual spring poster presentation 2012on dated 05-03, 2012 held at Institute of Chemical Sciences, University of Peshawar, Pakistan.

# Papers Submitted in HEC Recognized Journals

1. **Characterizing Oxidative Stability of Mineral Base Oil in the Presence and Absence of Bio Mass Derived Alcoholic Extracts as Antioxidants Using Conductometry**

Imtiaz Ahmad\*1, Jan Ullah1, M. Ishaq1, Hizbullah Khan2, RaziaKhan1, Waqas Ahmad1

and Kashif Gu1l

1. **Oxidative Stability of Plain and Additized Mineral Base Oil Samples at Low Temperature monitored through GC-MS**

Imtiaz Ahmad\*1, Jan Ullah1, M. Ishaq1, Hizbullah Khan2, Razia Khan1, Waqas Ahmad1

and Kashif Gu1l

1. **Study on Oxidative Stability of Mineral Base Oil at Low and High Temperatures. Evaluation of Antioxidant character of MeOH Extracts from Biomass**

Imtiaz Ahmad\*1, Jan Ullah1, M. Ishaq1, Hizbullah Khan2, Razia Khan1, Waqas Ahmad1

and Kashif Gu1l

4 **Thermo-analytical Monitoring of Oxidative Stability of Plain and Additized Mineral Base oil Samples at Low and High Temperatures**

Imtiaz Ahmad\*1, Jan Ullah1, M. Ishaq1, Hizbullah Khan2, Razia Khan1, Waqas Ahmad1and Kashif Gu1l

### Hobbies and Interests

##### Book reading, Net Surfing and sometime play cricket or badminton

##### Personal Details

**Domicile:** Landikotal

* **Date of Birth:** 19-03-1982  **Nationality:**  Pakistani

# *ACADEMICS*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Degree | Year | Marks/CGPA | Institution | Board/University |
| *Ph.D* | *2015* | *3.7* | *Institute of Chemical Sciences* | *PeshawarUniversity* |
| *M.Sc* | *2006* | *778/1200* | *Institute of Chemical Sciences* | *PeshawarUniversity* |
| *B.Sc* | *2002* | *335/550* | *Govt. Degree College, Landikotal* | *PeshawarUniversity* |
| *F.Sc* | *2000* | *578/1100* | *Govt. Degree College, Landikotal* | *B.I.S.E. Peshawar* |
| *S.S.C* | *1998* | *563/850* | *G.H.S. Landikotal, Khyber Agency* | *B.I.S.E. Peshawar* |

**Professional Qualification**

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| Degree | Year | Marks/CGPA | Institution | Board/University |
| ***B.Ed*** | *2005* | *558/900* | *Allama Iqbal Open University Islamabad* | ***Allama Iqbal Open University Islamabad*** |
| *M.Ed* | *2009* | *760/1200* | *Allama Iqbal Open University Islamabad* | ***Allama Iqbal Open University Islamabad*** |