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# **CHEMISTRY LECTURER**

DEPARTMENT OF CHEMISTRY

KIPS GIRLS COLLEGE

JOHAR TOWN

LAHORE

# **SAAD RIAZ**

S/O MUHAMMAD RIAZ AKHTAR

Curriculum

Vitae



**DOMICILE**

**PUNJAB**

**DATE OF BIRTH**

**30TH OCTOBER 1982**

**NATIONAL IDENTITY CARD NUMBER**

**37405-3428492-9**

**RELIGIOUS CONVICTION**

**ISLAM**

**MARITAL STATUS MARRIED**

http://www.ssw.com.au/ssw/Standards/Rules/Images/ImIcon.jpg

RESUME

…ability to motivate students and share a love of learning fosters a successful classroom environment.

…seeking a quality environment where my knowledge and experience can be Shared and Enriched, looking for an opportunity where I Can improve my skills and my performance and abilities.

...I would welcome becoming part of ‘the village that raises the child’ in your district.

...exceptionally energetic and enthusiastic teacher...projects a charisma that captures the imagination of students...demonstrated excellent classroom management skill...

…able to work on own initiative as well as a part of a team.

...deeply involved in learning about the educational state-of-the-art, investigating research and designing instructional materials...I look forward to the time when teacher will bring her love of children, enthusiasm, initiative and intelligence into her own classroom.

…not want to become famous businessman, not want to become higher qualified officer, not want to become successful only I want to become a true human being.



**M.Sc. RESEARCH PROJECT(S)**

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| **PHYSICAL RESEARCH PROJECTS** |
| * + **To find out the lambda max of KMnO4 and K2Cr2O7** |
| * + **To study the refractive index of a binary liquid mixture** |
| * + **To study the adsorption of an organic compound on charcoal** |
| * + **To determine the rate constant of the hydrolysis of methyl acetate in the presence of H+ ions** |
| * + **To determine the degree of dissociation and dissociation constant of acetic acid by conductance measurement** |
| * + **Determination of molar volume of the given liquids and investigation of solvent-solvent interactions from the density measurements of their mixtures** |
| * + **Determination of the degree hydrolysis (β) hydrolysis constant (Kh) and dissociation constant (Ka) for acetic acid from the hydrolysis of sodium acetate in aqueous solutions by means of conductometer** |
| * + **Determination of the specific angle of rotation of sucrose by using polarimeter and investigate the dependence of angle of rotation on the concentration of the optically active substance** |
| * + **Determination of the specific rate constant for the saponification of methyl acetate by means of conductometer** |
| * + **Determine the heat of solution of oxalic acid by solubility method using van’t Hoff’s equation** |
| * + **Determination of the specific rate constant for the saponification of methyl acetate by means of conductometer** |
| **INORGANIC RESEARCH PROJECTS** |
| * + **Estimation of different metals (Fe, Ni, Cr, Cu, Mg, Mn, Zn etc) by different methods** |
| * + **Preparation of Nitrogenous Fertilizer (e.g. calcium nitrate, urea, ammonium nitrate, anhydrous ammonium nitrate etc.) and Phosphate Fertilizer (calcium phosphate) by different methods like Haber-Bosch process etc.** |
| **ORGANIC RESEARCH PROJECTS** |
| * + **Preparation of benzeneazonaphthol from acetanilide** |
| * + **Isolation and estimation of flavonoids** |
| * + **Extraction, separation, purification and identification of natural products not visible to human eye** |
| * + **Preparation of benzil and its conversion to bemzilic acid** |
| * + **Preparation of *N*-phenysydnone from *N*-phenylglycine** |
| * + **Preparation of Benzopinacolone from Benzophenone** |
| * + **Extraction of caffeine from tea by solvent extraction** |
| * + **Benzoylation of glucose by means of benzoyl chloride** |
| * + **Reduction of benzophenone by sodium borohydride** |
| * + **Preparation of benzophenone oxime by beckmann rearrangement** |
| * + **Diels alder reaction between anthracene and maleic anhydride** |
| * + **Friedel Craft Acylation of naphthalene by acetic acid chloride and aluminum chloride** |
| * + **Preparation of chalcone and bischalcone by Claisen Schmidt Condensation reaction** |
| * + **Preparation of 3–(2`–hydroxylphenyl)isocoumarin form homophthalic acid through 4–chloro–3–methoxy-isocoumarin synthesis** |
| * + **O–Alkylation of phenol derivatives by dry method by means of isobutyl bromide** |
| * + **C–Acylation of phenol derivatives by CarboxlyicAcid Anhydride** |

**DEGREE-SEEKING EDUCATION**

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| **MASTER DEGREE – M.PHIL. (Chemistry – Organic Chemistry) 2009** | | |
| **3.6 CGPA QUAID–I–AZAM UNIVERSITY, ISLAMABAD** | | |
| **MAJOR SUBJECTS IN M.PHIL.** | | |
| * Modern Trends in Organic Chemistry | | |
| * Advance Stereochemistry | | |
| * Physico-Organic Chemistry & Reaction Mechanism | | |
| * Nuclear Magnetic Resonance in Organic Chemistry | | |
| * Chemistry of Glycosides | | |
| * Biosynthesis of Natural Products | | |
| * Advance Mass Spectrometry | | |
| * Organic Polymer Chemistry | | |
| * **M.PHIL. DISSERTATION (THESIS) TITLE** | | |
| Synthesis and Characterization of *N*-Aryl Sulfonylperhydro-1,3-Diazepine-2,4-Diones as Potential Hypoglycemic Agents (PHA’s) | | |
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| **MASTER DEGREE – M.Sc. (Chemistry) 2006** | | |
| **B Grade QUAID–I–AZAM UNIVERSITY, ISLAMABAD** | | |
| **MAJOR SUBJECTS IN M.Sc.** | | |
| * Stereochemistry | * Natural Products | * Biochemistry |
| * Retrosynthesis | * Reaction Mechanisms | * IR Spectroscopy |
| * Name Reactions | * Heterocyclics Compounds | * NMR Spectroscopy |
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| **BACHELOR DEGREE B.Sc.**  **2004** | | |
| **B Grade UNIVERSITY OF THE PUNJAB, LAHORE** | | |
| **MAJOR SUBJECTS IN B.Sc.** | | |
| * Chemistry | | |
| * Botany | | |
| * Zoology | | |
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| **F.Sc. (PRE-MEDICAL)** **2001** | | |
| **B Grade F.G. SIR SYED COLLEGE, THE MALL RWP CANTT / FEDERAL BOARD OF INTERMEDIATE ANDSECONDARY EDUCATION ISLAMABAD (FBISE - ISB)** | | |
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| **MATRIC (SCIENCE) 1998** | | |
| **A Grade SIDDIQ PUBLIC SCHOOL, 6TH ROAD, S/ TOWN, RWP. / BOARD OF INTERMEDIATE AND SECONDARY EDUCATION RAWALPINDI (BISE - RWP)** | | |

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| **EXPERIENCE(S)**   |  |  | | --- | --- | | **RESEARCH EXPERIENCE(S)** | | |  | **Research experience of 2 years in M.Phil. Thesis(ANTIDIABETIC DRUGS)** | |  | **Research experience of 1 year in M.Sc. Projects(MENTIONED)** | | **TEACHING EXPERIENCE(S)**   |  |  | | --- | --- | | **KIPS GIRLS COLLEGE, JOHAR TOWN,LAHORE** | | | LECTURER IN CHEMISTRY | **1ST May 2012 – Present** | | **MAIN RESPONSIBILITIES** | | | * Lectures/Seminar in HSSC-I Class (Board of Intermediate and Secondary Education Lahore) * Lectures/Seminar in HSSC-II Class (Board of Intermediate and Secondary Education Lahore) * Monitoring/Mentoring of SSC-I Class (Board of Intermediate and Secondary Education Lahore) * Monitoring/Mentoring of SSC-II Class (Board of Intermediate and Secondary Education Lahore) | |  |  |  | | --- | --- | | **KIPS ACADEMY, JOHAR TOWN CAMPUS, LAHORE** | | | LECTURER IN CHEMISTRY | **28THMay 2012 – present** | | **MAIN RESPONSIBILITIES** | | | * Lectures/Seminar in HSSC-I Class (Board of Intermediate and Secondary Education Lahore) * Lectures/Seminar in HSSC-II Class (Board of Intermediate and Secondary Education Lahore) * Lectures/Seminar in HSSC-I Class (Federal Board of Intermediate and Secondary Education Islamabad) * Lectures/Seminar in HSSC-II Class (Federal Board of Intermediate and Secondary Education Islamabad) * Monitoring/Mentoring of SSC-I Class (Board of Intermediate and Secondary Education Lahore) * Monitoring/Mentoring of SSC-II Class (Board of Intermediate and Secondary Education Lahore) * Monitoring/Mentoring of SSC-I Class (Federal Board of Intermediate and Secondary Education Islamabad) * Monitoring/Mentoring of SSC-II Class (Federal Board of Intermediate and Secondary Education Islamabad) | |  |  |  | | --- | --- | | **BEACONHOUSE SCHOOL SYSTEM, DEFENCE CAMPUS, Y-BLOCK DHA,LAHORE** | | | LECTURER IN CHEMISTRY | **17TH October 2012 – 10THOctober 2015** | | **MAIN RESPONSIBILITIES** | | | * Lectures/Seminar in O-Level Classes (Cambridge international Examinations, CiE) * Lectures/Seminar in A-Level Classes (Cambridge international Examinations, CiE) | |  |  |  | | --- | --- | | **QUAID-I-AZAM COLLEGE OF COMMERCE, SHADMAN,LAHORE** | | | LECTURER IN CHEMISTRY | **2ndOctober 2011 – 30thApril 2012** | | **MAIN RESPONSIBILITIES** | | | * Lectures/Seminar in HSSC-I Class (Board of Intermediate and Secondary Education Lahore) * Lectures/Seminar in HSSC-II Class (Board of Intermediate and Secondary Education Lahore) | | |  | | | **CADET COLLEGE RAWALPINDI, CHAKRI, RAWALPINDI** | | | LECTURER IN CHEMISTRY | **1st October 2008 – 30th September 2011** | | **MAIN RESPONSIBILITIES** | | | * Lectures/Seminars in SSC-I Classes (Federal Board of Intermediate and Secondary Education Islamabad) * Lectures/Seminars in SSC-II Classes (Federal Board of Intermediate and Secondary Education Islamabad) * Lectures/Seminar in HSSC-I Classes (Federal Board of Intermediate and Secondary Education Islamabad) * Lectures/Seminar in HSSC-II Classes (Federal Board of Intermediate and Secondary Education Islamabad) * Lectures/Seminar in O-Level Classes * Lectures/Seminar in A-Level Classes * Examination Cell In- Charge * House Master / House Chief * External and Internal Examiner | | | **SIDDEEQ PUBLIC SCHOOL, 6TH ROAD, RAWALPINDI** | | | LECTURER IN CHEMISTRY | **2nd February 2007 – 31st April 2008** | | **MAIN RESPONSIBILITIES** | | | * Lectures/Seminar in SSC-I Class (Board of Intermediate and Secondary Education Rawalpindi) * Lectures/Seminar in SSC-II Class (Board of Intermediate and Secondary Education Rawalpindi) | | | | | **13 years teaching experience (informal home tuitions including O and A Level, B.Sc., F.Sc., matriculation)** | | | **ACHIEVEMENT(S) AND DISTINCTION(S)**   |  |  | | --- | --- | |  | Achieved cent percent marks in mathematics (Board of Intermediate and Secondary Education Rawalpindi matriculation) | |  | Got the Government Benevolent Fund from B.Sc. to M.Phil. | |  | Topped the Organic Section in M.Sc. from Qauid-I-Azam University | |  | Got Student Distinction Scholarship in M.Phil. from Qauid-I-Azam University | |  | Class representative in M.Phil. from Qauid-I-Azam University | |  | Attended the workshop entitled “Student Behavioural and Evaluational Enhancement Workshop” under the supervision of Cadet College Rawalpindi | | |   **LANGUAGE(S)**   |  |  |  | | --- | --- | --- | |  | **Urdu** | Can speak and write | |  | **English** | Can speak and write |   **COMPUTER PROFICIENCY**   |  |  | | --- | --- | |  | Ms Office (MS Word, MS Excel, MS Access, MS Powerpoint) | |  | Chemistry Window Applications Like Chemdraw Ultra 12 | |  | Various Window Operating system like Windows XP, Windows Vista, Windows 7, Windows 8 | |  | * Various Window Applications | |  | Networking |   **PROFESSIONAL REFERENCE(S)**   |  |  | | --- | --- | |  | Will be provided on demand with due respect | |

CERTIFICATES AND OTHER CREDENTIALS WILL BE PROVIDED ON DEMANDS