### *NAUMAN ALI*

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| Father’s Name | **Dr. Taj Ali** |
| Date of Birth | 05th May, 1975 |
| Domicile | Lakki Marwat (Khyber Pakhtunkhwa) |
| Nationality | Pakistani |
| N.I.C. No. | 17301-1275000-3 |

**EDUCATIONAL QUALIFICATION:**

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| Exam | **Year** | **Board/University** | **Subject** |
| S.S.C. | 1992 | B.I.S.E. Peshawar | Science |
| F.Sc. | 1994 | B.I.S.E. Peshawar  Islamia College Peshawar | Pre-medical |
| B.Sc. | 1998 | University of Peshawar  Islamia College Peshawar | Chem, Maths, Physics |
| M.Sc. | 2000 | Department of Chemistry  University of Peshawar | Chemistry  (Inorganic) |
| M.Phil. | 2005 | Department of Chemistry  University of Peshawar | Chemistry  (Inorganic) |
| Ph.D | 2010 | Department of Polymer Science and Engineering  Kyungpook National University | Polymer  (Self-assembly) |

* ***M.Phil. Research Topic*:**

Influence of structural changes of diamine ligands on biological activity of complexes.

* Ph.D. Research topic: Korea Research Foundation (KRF-2007521-D00125).

Morphology control of PS-b-P4VP by solvent mixture systems and functionalization with gold and Disperse Red 1

* Teaching Experience:

Working as Assistant professor in institute of chemical science

University of Peshawar 16th Feb 2010 to date.

**PUBLICATIONS:**

|  |  |  |
| --- | --- | --- |
|  | **Paper title journal name** | **year** |
|  | Synthesis of Potent Chitosan Beads a Suitable alternative for Textile dye reduction in sunlight"  Adnan Khan, Syed Jamal Shah; Karishma Mehmood, Awais Awais, Nauman Ali, Hamayun Khan, Journal of **Materials Science: Materials in Electronics** | **Accepted**  **2018** |
|  | Enhanced photodegradation of methylene blue with alkaline and transition-metal ferrite nanophotocatalysts under direct sun light irradiation. Nauman Ali Amir Zada Muhammad Zahid Ahmed Ismail Misbha Rafiq Aaisha Riaz Adnan Khan J Chin Chem Soc. 1–7. | 2018 |
|  | [Chitosan-coated cotton cloth supported copper nanoparticles for toxic dye reduction](javascript:void(0))  N Ali, T Kamal, M Ul-Islam, A Khan, SJ Shah, A Zada  International journal of biological macromolecules 111, 832-838 | 2018 |
|  | [Spectrophotometric methods for the determination of urea in real samples using silver nanoparticles by standard addition and 2nd order derivative methods](javascript:void(0))  N Ali, M Ismail, A Khan, H Khan, S Haider, T Kamal  Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 189, 110-115 | 2018 |
|  | [SYNTHESIS OF SCHIFF BASES DERIVED FROM 2-HYDROXY-1-NAPHTH- ALDEHYDE AND THEIR TIN(II) COMPLEXES FOR ANTIMICRIBIAL AND ANTIOXIDAN...](javascript:void(0))  NAKMB Neelofar, Nauman Ali\*, Adnan Khan, Salma Amir  Bull. Chem. Soc. Ethiop 31 (3), 445-456 | 2017 |
|  | [Preparation of crosslinked chitosan magnetic membrane for cations sorption from aqueous solution](javascript:void(0))  A Khan, S Begum, N Ali, S Khan, S Hussain, MDPT Sotomayor  Water Science and Technology 75 (9), 2034-2046 | 2017 |
|  | [Transport of Zn (II) by TDDA-Polypropylene Supported Liquid Membranes and Recovery from Waste Discharge Liquor of Galvanizing Plant of Zn (II)](javascript:void(0))  H Ur Rehman, G Akhtar, H Ur Rashid, N Ali, I Ahmad, S Ur Rehman, ...  Journal of Chemistry 2017 | 2017 |
|  | [Removal of toxic metals with activated carbon prepared from Salvadora persica](javascript:void(0))  NA Fazal Wahid, Imdad Ullah Mohammadzai \*, Adnan Khan, Ziarat Shah, Waseem **Nauman Ali**  Arabian Journal of Chemistry 10, S2205–S2212 | 2017 |
|  | [Polymer nanocomposite membranes for antifouling nanofiltration](https://scholar.google.com.pk/citations?view_op=view_citation&hl=en&user=VijkEsoAAAAJ&citation_for_view=VijkEsoAAAAJ:4DMP91E08xMC)  Tahseen Kamal, **Nauman Ali**, Abbas Ali Naseem  Recent Patents on Nanotechnology | **2016** |
|  | [Photocatalytic degradation of bromophenol blue in aqueous medium using chitosan conjugated magnetic nanoparticles](https://scholar.google.com.pk/citations?view_op=view_citation&hl=en&user=VijkEsoAAAAJ&citation_for_view=VijkEsoAAAAJ:Wp0gIr-vW9MC)  H Khan, AK Khalil, A Khan, K Saeed, **N Ali**  Korean Journal of Chemical Engineering 33 (10), 2802-2807. | **2016** |
|  | [Removal of Chromium (VI) from Industrial Effluents Through Supported Liquid Membrane Using Trioctylphosphine Oxide as a Carrier](https://scholar.google.com.pk/citations?view_op=view_citation&hl=en&user=VijkEsoAAAAJ&citation_for_view=VijkEsoAAAAJ:M3ejUd6NZC8C)  R Nawaz, K Ali, **N Ali**, A Khaliq  Journal of the Brazilian Chemical Society 27 (1), 209-220 | **2016** |
|  | [Synthesis and evaluation of antioxidant and antimicrobial activities of Schiff base tin (II) complexes](https://scholar.google.com.pk/citations?view_op=view_citation&hl=en&user=VijkEsoAAAAJ&citation_for_view=VijkEsoAAAAJ:mVmsd5A6BfQC)  Neelofar, **Nauman Ali,** Shabir Ahmad, Naser M AbdEl-Salam, Riaz Ullah  Tropical Journal of Pharmaceutical Research 15 (12), 2693-2700 | **2016** |
|  | [Synthesis, Pyrolytic and Antibacterial study of 3-[(E)-(2-phenylhydrazinylidene) methyl] pyridine (PHMP) and its transition metal complexes](https://scholar.google.com.pk/citations?view_op=view_citation&hl=en&user=VijkEsoAAAAJ&cstart=20&pagesize=80&citation_for_view=VijkEsoAAAAJ:Y0pCki6q_DkC)  S Rehman, A Faiz, R Nawaz, **N Ali**  Synthesis and Reactivity in Inorganic, Metal-Organic, and Nano-Metal. | **2016** |
|  | [Selective removal of zinc using tri-ethanolamine-based supported liquid membrane](https://scholar.google.com.pk/citations?view_op=view_citation&hl=en&user=VijkEsoAAAAJ&citation_for_view=VijkEsoAAAAJ:kNdYIx-mwKoC)  K Ali, R Nawaz**, N Ali,** A Khaliq, R Ullah  Desalination and Water Treatment, 1-12 | **2015** |
|  | [Single-step modification of chitosan for toxic cations remediation from aqueous solution](https://scholar.google.com.pk/citations?view_op=view_citation&hl=en&user=VijkEsoAAAAJ&citation_for_view=VijkEsoAAAAJ:MXK_kJrjxJIC)  A Khan, F Wahid, **N Ali**, S Badshah, C Airoldi  Desalination and Water Treatment 56 (4), 1099-1109 | **2015** |
|  | [Removal of toxic metals with activated carbon prepared from Salvadora persica](https://scholar.google.com.pk/citations?view_op=view_citation&hl=en&user=VijkEsoAAAAJ&citation_for_view=VijkEsoAAAAJ:WF5omc3nYNoC)  F Wahid, IU Mohammadzai, A Khan, Z Shah, W Hassan, **N Ali** Arabian Journal of Chemistry | **2013** |
|  | [Antibacterial and Thermal Study of Selected Transition Metal Complexes of N-[(E)-pyridin-3-ylmethylidene] quinolin-3-amine (PMQA)](https://scholar.google.com.pk/citations?view_op=view_citation&hl=en&user=VijkEsoAAAAJ&citation_for_view=VijkEsoAAAAJ:W7OEmFMy1HYC)  Saeed-ur-Rehman, A Faiz, R Nawaz, **N Ali**  Synthesis and Reactivity in Inorganic, Metal-Organic, and Nano-Metal ... | **2013** |
|  | [Synthesis, Pyrolytic and Antibacterial study of 3-[(E)-(2-phenylhydrazinylidene) methyl] pyridine (PHMP) and its transition metal complexes](https://scholar.google.com.pk/citations?view_op=view_citation&hl=en&user=VijkEsoAAAAJ&citation_for_view=VijkEsoAAAAJ:Y0pCki6q_DkC)  S Rehman, A Faiz, R Nawaz, **N Ali**  Synthesis and Reactivity in Inorganic, Metal-Organic, and Nano-Metal Chemistry | **2013** |
|  | [Development of Direct Reversed-Phase High Performance Liquid Chromatographic Method for Quantitative Determination of Gabapentin in Pharmaceutical Dosage](https://scholar.google.com.pk/citations?view_op=view_citation&hl=en&user=VijkEsoAAAAJ&citation_for_view=VijkEsoAAAAJ:IjCSPb-OGe4C)  W Hassan, B Zaman, S Rahman, AU Rahman, **N Ali**, IU Mohammadzai  J. Chem. Soc. Pak 34 (6), 1477-1481 | **2012** |
|  | [Characterization of Coal Samples from Dasal-I Coal Mine](https://scholar.google.com.pk/citations?view_op=view_citation&hl=en&user=VijkEsoAAAAJ&citation_for_view=VijkEsoAAAAJ:YsMSGLbcyi4C)  F Wahid, IU Mohammadzai, **N Ali**, MT Shah, H Khan  Journal of the Chemical Society of Pakistan 34 (5) | **2012** |
|  | [Mn (VII) ions transport by triethanolamine cyclohexanone based supported liquid membrane and recovery of Mn (II) ions from discharged zinc carbon dry battery cell](https://scholar.google.com.pk/citations?view_op=view_citation&hl=en&user=VijkEsoAAAAJ&citation_for_view=VijkEsoAAAAJ:u-x6o8ySG0sC)  S ur Rehman, G Akhtar, MA Chaudry, N Bukhari, **N Ali**  Journal of membrane science 366 (1), 125-131 | **2011** |
|  | [Effects of the reducing agents on morphologies of gold nanoparticles in poly (styrene-b-4-vinylpyridine) micelles](https://scholar.google.com.pk/citations?view_op=view_citation&hl=en&user=VijkEsoAAAAJ&citation_for_view=VijkEsoAAAAJ:UeHWp8X0CEIC)  **N Ali**, DH Kim, LS Park, IK Kang, KB Yoon, G Kwak, SY Park International Journal of Modern Physics B 24 (15n16), 3197-3202 | **2010** |
|  | [Characterization of poly (butylene terephthalate) electrspun nanofibres containing titanium oxide](https://scholar.google.com.pk/citations?view_op=view_citation&hl=en&user=VijkEsoAAAAJ&citation_for_view=VijkEsoAAAAJ:d1gkVwhDpl0C)  K Saeed, SY Park, **N Ali**  Iran Polym J 18 (8), 671-677 | **2009** |
|  | [Fluorescence Emission of Disperse Red 1 in PS-b-P4VP Micelles Controlled by a Toluene/Ethanol Solvent Mixture](https://scholar.google.com.pk/citations?view_op=view_citation&hl=en&user=VijkEsoAAAAJ&citation_for_view=VijkEsoAAAAJ:2osOgNQ5qMEC)  **N Ali**, SY Park  Langmuir 25 (23), 13426-13431 | **2009** |
|  | [Structures of the cylindrical and vesicular micelles of an P4VP-longer asymmetric PS-b-P4VP](https://scholar.google.com.pk/citations?view_op=view_citation&hl=en&user=VijkEsoAAAAJ&citation_for_view=VijkEsoAAAAJ:qjMakFHDy7sC)  **N Ali**, WH Sul, DY Lee, DH Kim, SY Park  Macromolecular Research 17 (8), 553-556 | **2009** |
|  | [Transition Metal Complexes of Some Biologically Active Ligands; Synthesis Characterization and Bioactivities](https://scholar.google.com.pk/citations?view_op=view_citation&hl=en&user=VijkEsoAAAAJ&citation_for_view=VijkEsoAAAAJ:KlAtU1dfN6UC)  Saeed-Ur-Rehman, **N Ali**, M Nisar  JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN 31 (3), 383-390 | 2009 |
|  | [Micellar Structures of Poly (styrene-b-4-vinylpyridine) s in THF/Toluene Mixtures and Their Functionalization with Gold](https://scholar.google.com.pk/citations?view_op=view_citation&hl=en&user=VijkEsoAAAAJ&citation_for_view=VijkEsoAAAAJ:u5HHmVD_uO8C)  **N Ali**, SY Park  Langmuir 24 (17), 9279-9285 | **2008** |
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|  | [Characterization and evaluation of Thur coal for different mineral contents](https://scholar.google.com.pk/citations?view_op=view_citation&hl=en&user=VijkEsoAAAAJ&citation_for_view=VijkEsoAAAAJ:9yKSN-GCB0IC)  K Saeed, M Ishaq, I Ahmad, M Shakirullah, SY Park, H Khan, **N Ali**  Journal of the Chemical Society of Pakistan 28 (3), 207-210 | **2006** |
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| 28. | [Complexes of 1, 2-diimidazoloethane with transition and representative metals](https://scholar.google.com.pk/citations?view_op=view_citation&hl=en&user=VijkEsoAAAAJ&citation_for_view=VijkEsoAAAAJ:_FxGoFyzp5QC)  SU Rehman, S Pervez, SA Khan, J Shah, S Khattak, **N Ali**, M Arshad  JOURNAL-CHEMICAL SOCIETY OF PAKISTAN 25 (2), 147-152 | **2003** |

**Ph.D/M.Phil Student supervised**

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| **Ph.D. Scholar Name** | **THESIS TITLE** | **STATUS** |
| **NEELOFAR** | **SYNTHESIS OF 2-HYDROXY-1- NAPHTHALDEHYDE DERIVED SCHIFF BASES AND THEIR METAL COMPLEXES FOR BIOLOGICAL ACTIVITIES** | **COMPLETED** |
| HANIF UR REHMAN | EXTRACTION OF PRECIOUS METALS FROM ORES | IN PROGRESS |
| AWAIS | PHOTOCATALYTIC DEGRADATION OF CONGO RED BY Cu (0) NANOPARTICLES IN COTTON COATED CHITOSAN | IN PROGRESS |

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| **M.PHIL Scholar Name** | **THESIS TITLE** | **STATUS** |
| **AWAIS** | **PHOTOCATALYTIC DEGRADATION OF DISPERSE BLUE 1 DYE USING PVC/MWCNT/FERRITES NANOCOMPSITES** | **COMPLETED** |
| **SYED RIFFAT JAMAL** | **SYNTHESIS AND CHARACTERIZATION OF NEWLY PREPARED CELLULOSE ACETATE/MWCNT/MAGNETITE NANOCOMPOSITES** | **COMPLETED** |
| **MUHAMMAD ISMAIL** | **PREPARATION OF SILVER NANOPARTICLE FOR SPECTROPHOTMETRIC DETERMINATION OF UREA** | **COMPLETED** |
| **ASMA GUL** | **PREPARATION OF BIODEGRADABLE POLYMER FROM BACTRIAL ISOLATES AND ITS BLENDS WITH POLYETHYLENE** | **COMPLETED** |
| **ZAINI ALI** | **RECOVERY OF TUNGSTEN FROM FILAMENTS OF USED LIGHTENING LAMPS THROUGH POLY INCULSION MEMBRANE** | **COMPLETED** |
| **BUSHRA GUL** | **SYNTHESIS OF ZINC NAPROXEN BASED SILVER OXIDE NANO DRUG DELIVERY SYSTEM AND ITS EVALUATION IN ANTI INFLAMMATORY AND ANALGESIC ACTIVITIES** | **COMPLETED** |
| **SUMBAL AZEEM** | **REMOVAL OF ARSENITES FROM INDUSTRIAL EFFLUENTS USING TRIDODECYLAMINE SUPPORTED LIQUID MEMBRANE** | **COMPLETED** |
| SAMEERA SHAH | SELECTIVE SEPARATION OF TUNGSTEN FROM MODEL AND INDUSTRIAL EFFLUENTS THROUGH SUPPORTED LIQUID MEMBRANE | **Thesis submitted** |
| AISHA RIAZ | EFFECT OF ALKALINE EARTH AND TRANSITION METAL FERRITES NANOPARTICLES ON PHOTOCATALYTIC DEGRADATION OF METHYLENE BLUE AND THYMOL BLUE DYE | **Thesis submitted** |
| MISBAH RAFIQ | EFFECT OF TRANSITION METAL BISMUTH OXIDE NANOPARTICLES ON PHOTO-CATALYTIC DEGRADATION OF METHYLENE BLUE AND THYMOL BLUE DYE | **Thesis submitted** |
| FARYAL NASEEB | PHOTOCATALYTIC DEGRADATION OF DYE BY URANIUM WITH TRANSITION METALS | IN PROGRESS |
| SALEEM ULLAH | SELF HEALING POLYMER HYDROGELS | IN PROGRESS |

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| **M.PHIL CO-SUPERVISED** | **THESIS TITLE** | **STATUS** |
| MUHAMMAD YASIR | DEVELOPMENT OF METHOD FOR THE DETERMINATION OF PARACETAMOL ON HIGH PERFORMANCE LIQUID CHROMATOGRAPHY | **COMPLETED** |
| NAZIR AHMAD | SYNTHESIS OF 1,3-DI (1H-IMIDAZOL-1-YL) ACETONE, ITS COMPLEXES AND ANTIMICROBIAL ACTIVITIES | **COMPLETED** |
| SADAF NAZ | THERMAL STUDY OF 1, 3-DI (1H-IMIDAZOL-1-YL) ACETONE AND ITS TRANSITION METAL COMPLEXES | **COMPLETED** |