

## Sumaira Kanwal

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Moughal Pura Lahore ,Pakistan  
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Email:sumairakanawal@yahoo.com

### PROFESSIONAL PROFILE

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- Accomplished career demonstrating consistent success as a researcher and educator at the higher education levels. Outstanding track record in assuring student success.
- Effective communicator with excellent planning, organizational, and negotiation strengths as well as the ability to lead, reach consensus, establish goals, and attain results.

### EDUCATION

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- **Ph.D Environmental Sciences** (*in progress, course work has been completed*) 2012-2015  
College of Earth and Environmental Sciences  
University of the Punjab, Lahore
- **M. Phil (Environmental Science)** **CGPA 3.70**  
College of Earth and Environmental Sciences  
University of the Punjab, Lahore (2011)
- **M.Sc. (Coal Technology)** (1<sup>st</sup> position University Gold Medal) **CGPA 3.69**  
Center for Coal Technology,  
University of the Punjab, Lahore (2008)
- **B.Sc. (Botany,Zoology and Chemistry)** **2<sup>nd</sup> Div**  
Govt. Queen Mary College, Lahore (2006)
- **B.Ed** **1<sup>st</sup> Div**  
Allama Iqbal Open University(2009)
- **Intermediate (Science)** **1<sup>st</sup> Div**  
Govt. Queen Mary College, Lahore (2003)
- **Matric (Science)** (1<sup>st</sup> position in School) **1<sup>st</sup> Div**  
Govt. A.V. Girls High School Batapur, Lahore (2001)

### ACADEMIC & PROFESSIONAL EXPERIENCE

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- **Research Scholar** **April 2009 To September 2011**  
Center for Coal Technology,  
University of the Punjab, Lahore.
- **Lecturer** **October 2011 To Date**  
Center for coal Technology,  
University of the Punjab, Lahore

## PUBLICATIONS

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- Nawaz.S, Kanwal.S, Rahim.U,Sheikh.N,Shahzad.K, **Impact of Coal and Rice Husk Ash on Clinker Chemistry**, Journal of Pakistan Institute of Chemical Engineers,Vol 40,No1(2012) pg 69-78
- Nawaz.S, Shahzad.K ,Sheikh.N, Kanwal.S, **Effects of Moisture and Coal Blending on Hardgrove Grindability Index of Pakistani Coals**, International Journal of Coal Preparation and Utilization,Vol 33, ISS 4(2013)
- Nawaz.S, Kanwal.S, **Identification of Macerals in Lakhra and Chamalang Coal**, Energy sources part A energy environment and utilization.
- A.Wahab,S.Nawaz, S. Kanwal, **Desulfurization and Demineralization of Lakhra Coal by Caustic Leaching**, Energy Sources Part A: Recovery,Utilization, and Environmental Effects.Volume 37:pg(1219-1223) ISSN1556-7036(2015)

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## WORKSHOPS AND SEMINARS

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- Workshop on "Research Management" conducted by Higher Education Commission Quality Enhancement Cell & Institute of Quality and Technology Management.
- 4<sup>th</sup> Symposium on Engineering
- Workshop on Integrated Management System conducted by Asian Productivity Organization.
- Workshop on Communication Skills conducted by Higher Education Commission and Learning Innovation Division.
- World Environment Day Seminar.
- International Conference on Engineering Sciences(ICES) Institute of Chemical Engineering & Technology University of the Punjab

## Research Supervision

Supervised and Supervising various thesis of the Post-graduate students .

Post Graduate Supervision

Sr.No	Title of Thesis
1	Effect of Biomass on Coking Characteristics of Indigenous Non-Coking Coal
2	Upgradation of lakhra coal by froth flotation using oleic acid as collector
3	Effect of torrefaction on biomass and coal blends
4	Comparative study of agglomeration on Chamalang coal by using edible castor and non-edible cotton oil
5	Effect of agglomeration on mainwali coal by using palm oil