

Six (6) years Progress and Contribution of Dr. Khan Muhammad  
Assistant Professor (TTS) Department of Mining Engineering  
UET Peshawar Pakistan from the year 2010 to 2015.

2015

## STUDENT EVALUATION

## NWFP University of Engineering and Technology

Course and Teacher Evaluation, Fall 2015

Name     Dr. Khan Muhammad  
Course    Geostatistical Ore Reserve Estimation

Department: Mining Engineering  
Campus       Peshawar

### Course


Question	A	B	C	D	E	WA
1. Information about the course (that is, textbooks and weekly lecture schedule) is provided at the beginning of semester.	4	1	0	0	0	4.8
2. In-class activities (for example, lectures and discussions) have helped me learn the course material.	3	2	0	0	0	4.6
3. Feedback on assignments, quizzes , projects, midterm exam and class presentations has helped me in learning the course.	3	2	0	0	0	4.6
4. The course material (for example, books, course notes and web) is useful in learning.	3	2	0	0	0	4.6
5. The course has increased my interest in the subject.	3	2	0	0	0	4.6
6. Classrooms are satisfactory (for example, in term of space, furniture and lighting).	2	3	0	0	0	4.4
<b>Total</b>	18	12	0	0	0	4.6

### Teacher

Question	A	B	C	D	E	WA
1. The teacher encourages students to ask questions and participate in class discussions.	4	1	0	0	0	4.8
2. The teacher explains the course contents and concepts clearly.	5	0	0	0	0	5.0
3. The teacher comes well prepared for the class.	3	1	0	0	1	4.0
4. How closely does the teacher follow the time table?	4	1	0	0	0	4.8
5. What percentage of classes has been taught by the assigned teacher himself/herself?	4	1	0	0	0	4.8
6. The teacher is fair to students in grading.	3	1	0	1	0	4.2
7. The teacher has completed the course (according to weekly lecture schedule).	4	1	0	0	0	4.8
8. The teacher arrives and leaves on time.	5	0	0	0	0	5.0
<b>Total</b>	32	6	0	1	1	4.7

### Question Graph

Course

  
 Head of Quality Enhancement Cell  
 N.W.F.P. University of Engineering & Technology,  
 Peshawar, Pakistan



**Students' Evaluation of Undergraduate Courses taught in the year 2015**

Name of the Teacher: Dr. Khan Muhammad

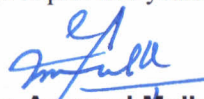
Designation: Assistant professor, Department of Mining Engineering UET Peshawar

Criteria		2010*			2011*		2012*		2014*			2015**
Teacher	The teacher encourages students to ask questions and participate in class discussions.	3.39	3.38	2.80	3.80	3.44	4.70	4.20	3.80	4.60	4.80	3.54
	The teacher explains the course contents and concepts clearly.	3.22	3.00	2.40	3.93	2.89	4.50	4.10	3.40	4.40	4.80	3.33
	The teacher comes well prepared for the class.	3.28	2.88	3.00	4.27	2.78	4.60	4.00	3.80	4.40	4.80	3.44
	How closely does the teacher follow the time table?	3.83	3.38	4.50	4.53	4.44	4.70	4.70	3.80	4.20	4.20	3.84
	What percentage of classes has been taught by the assigned teacher himself/herself?	3.83	3.50	4.50	4.60	4.00	4.70	4.70	4.00	4.40	4.40	3.88
	The teacher is fair to students in grading.	3.67	3.63	3.10	4.20	4.33	4.70	3.80	3.40	4.40	4.20	3.58
	The teacher has completed the course (according to weekly lecture schedule).	3.56	3.25	4.20	4.53	4.67	4.70	4.30	4.00	4.40	4.40	3.82
	The teacher arrives in and leaves the class on time	3.78	3.13	4.70	4.33	4.00	4.70	4.40	3.70	4.20	4.40	3.76
Course	Information about the course (that is, objectives, textbooks, and weekly lecture schedule) is provided at the beginning of semester.	3.61	3.75	3.50	4.33	3.56	4.60	4.30	3.60	4.20	4.40	3.62
	In-class activities (for example, lectures and discussions) have helped me learn the course	3.17	3.75	3.40	4.27	3.22	4.40	3.60	3.60	4.40	4.60	3.49
	Feedback on assignments, quizzes, projects, midterm exam, and class presentations has helped me in learning the course.	3.28	3.50	3.40	4.13	3.67	4.50	3.80	3.60	4.40	4.40	3.52
	The course material (for example, books, course notes, and web) is useful in learning.	3.00	3.88	3.10	4.00	2.78	4.40	3.70	3.50	4.20	4.40	3.36
	The course has increased my interest in the subject.	3.00	3.88	3.10	3.80	3.22	4.40	3.70	3.70	3.40	4.20	3.31
	Classrooms are satisfactory (for example, in terms of space, furniture, and lighting).	2.11	2.38	3.20	2.93	3.11	4.00	3.70	3.20	4.00	4.00	2.97
<b>Final score for 2015</b>												<b>3.53</b>

\*Based on data provided by QEC: 0= Strongly Disagree 2= Somewhat Agree 4=Agree 6=Strongly Agree

\*\*Projected as average of previous years data available from the UET Quality Enhancement Cell (QEC)

Certified By:

  
**Engr. Aman-ul-Mulk** 10.11.17  
 Chairman, Department of Mining Engineering UET Peshawar

## PEERS EVALUATION

Applicant: Dr. Khan Muhammad Asstt Prof. (on TTS)

Department: Mining Engineering, UET Peshawar

### PEER EVALUATION PROFORMA (PEP)

Year: 2015

To be filled by PEER Evaluation committee comprising three senior faculty members of the department nominated by the Chairman.

**Instructions:**

- Please Mark (✓) in the relevant column.
- Do not use pencil.
- Submit PEP in a sealed envelope to the Chairman of the department.
- The chairman should forward the PEPs to the applicant for incorporation in FEP, Part A.

S. No.	Description	Strongly Agree	Agree	Somewhat Agree	Disagree
1	The course folder indicates a good quality course	✓			
2	The instructor has developed new course/updating the course	✓			
3	The instructor contributes towards departmental development	✓			
4	The instructor is contributing towards knowledge development in his field	✓			
5	Quality of presentation is excellent in seminars/ workshop/conferences etc. with respect to subject contents, organization and communication		✓		

Signature:   
Member Peer Evaluation Committee

Counter signature:   
Chairman of the Department

19.10.17

Applicant: Dr. Khan Muhammad Asstt Prof. (on TTS)

Department: Mining Engineering, UET Peshawar

### PEER EVALUATION PROFORMA (PEP)

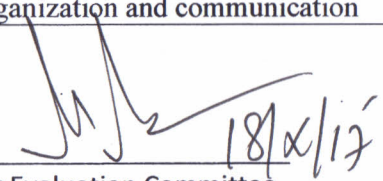
Year: 2015

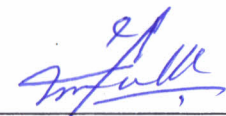
To be filled by PEER Evaluation committee comprising three senior faculty members of the department nominated by the Chairman.

**Instructions:**

- Please Mark (✓) in the relevant column.
- Do not use pencil.
- Submit PEP in a sealed envelope to the Chairman of the department.
- The chairman should forward the PEPs to the applicant for incorporation in FEP, Part A.

S. No.	Description	Strongly Agree	Agree	Somewhat Agree	Disagree
1	The course folder indicates a good quality course	✓			
2	The instructor has developed new course/updating the course	✓			
3	The instructor contributes towards departmental development	✓			
4	The instructor is contributing towards knowledge development in his field	✓			
5	Quality of presentation is excellent in seminars/ workshop/conferences etc. with respect to subject contents, organization and communication	✓			

Signature:  18/10/17  
Member Peer Evaluation Committee

Counter signature:   
Chairman of the Department 20.10.17



Applicant: Dr. Khan Muhammad Asstt Prof. (on TTS)

Department: Mining Engineering, UET Peshawar

### PEER EVALUATION PROFORMA (PEP)


Year: 2015

To be filled by PEER Evaluation committee comprising three senior faculty members of the department nominated by the Chairman.

**Instructions:**

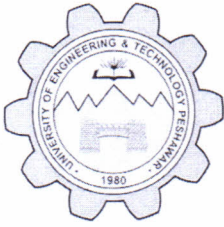
- Please Mark (✓) in the relevant column.
- Do not use pencil.
- Submit PEP in a sealed envelope to the Chairman of the department.
- The chairman should forward the PEPs to the applicant for incorporation in FEP, Part A.

S. No.	Description	Strongly Agree	Agree	Somewhat Agree	Disagree
1	The course folder indicates a good quality course	✓			
2	The instructor has developed new course/updating the course	✓			
3	The instructor contributes towards departmental development		✓		
4	The instructor is contributing towards knowledge development in his field	✓			
5	Quality of presentation is excellent in seminars/ workshop/conferences etc. with respect to subject contents, organization and communication		✓		

Signature:   
Member Peer Evaluation Committee

Counter signature:   
Chairman of the Department 28/10/15

TEACHING



**DEPARTMENT OF MINING ENGINEERING  
UNIVERSITY OF ENGINEERING & TECHNOLOGY  
PESHAWAR**

Chairman

Phone: (091) 9222219

Email: chair\_min@nwfpuet.edu.pk


October 31/2017

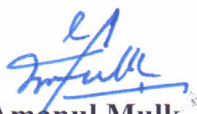
Ref. #: 1232/Min

**To Whom It May Concern**

This is to certify that *Dr. Khan Muhammad*, Assistant Professor at Department of Mining Engineering taught the following undergraduate courses to B.Sc. Engineering students during **Spring-2014 to Fall-2015**.

Year	Semesters	Courses	Semester
2014	Spring 2014	Mine Economics and Management	6 <sup>th</sup> Semester
	Fall 2014	Geostatistical Ore Reserve Estimation (Th)	5 <sup>th</sup> Semester
		Geostatistical Ore Reserve Estimation (Lab)	5 <sup>th</sup> Semester
2015	Spring 2015	Mine Economics and Management	6 <sup>th</sup> Semester
		Coal Technology	6 <sup>th</sup> Semester
	Fall 2015	Geostatistical Ore Reserve Estimation (Th)	5 <sup>th</sup> Semester
		Geostatistical Ore Reserve Estimation (Lab)	5 <sup>th</sup> Semester

  
**Engr. Talat Bilal**  
Semester Coordinator  
Department of Mining Engineering

  
**Engr. Amanul Mulk**  
Chairman  
Department of Mining Engineering

Copy:  
Office Record



DEPARTMENT OF MINING ENGINEERING  
UNIVERSITY OF ENGINEERING AND TECHNOLOGY (UET)  
PESHAWAR, PAKISTAN

Phone:091-9222219

D.No. 1229/Min.

Date: 31 October 2017

To Whom it May Concern

This is to certify that Dr. Khan Muhammad, Assistant Professor, Department of Mining Engineering taught the following postgraduate courses in 2014-15.

Year	Semester	Course No. and Title
2014	Spring 2014	Nil
	Fall 2014	MinE 5520 "Coal Preparation"
2015	Spring 2015	MinE 5535 "Computer Application in Mining and Advanced Programming"
	Fall 2015	MinE 5520 "Coal Preparation"

**Dr. Salim Raza**  
Postgraduate Advisor,  
Department of Mining Engineering

**Chairman**  
Department of Mining Engineering

c.c.

1. Office record





DEPARTMENT OF MINING ENGINEERING  
UNIVERSITY OF ENGINEERING AND TECHNOLOGY (UET)  
PESHAWAR, PAKISTAN

Phone:091-9222219

D.No. 1229/Min.

Date: 31 October 2017

To Whom it May Concern

This is to certify that Dr. Khan Muhammad, Assistant Professor, Department of Mining Engineering taught the following postgraduate courses in 2014-15.

Year	Semester	Course No. and Title
2014	Spring 2014	Nil
	Fall 2014	MinE 5520 "Coal Preparation"
2015	Spring 2015	MinE 5535 "Computer Application in Mining and Advanced Programming"
	Fall 2015	MinE 5520 "Coal Preparation"

**Dr. Salim Raza**  
Postgraduate Advisor,  
Department of Mining Engineering

**Chairman**  
Department of Mining Engineering

c.c.

1. Office record

RESEARCH

## Modeling shotcrete mix design using artificial neural network

Khan Muhammad<sup>\*</sup>, Noor Mohammad<sup>a</sup> and Fazal Rehman<sup>b</sup>

Department of Mining Engineering, University of Engineering & Technology, Peshawar, KP, Pakistan

(Received October 25, 2012, Revised August 31, 2014, Accepted November 25, 2014)

**Abstract.** "Mortar or concrete pneumatically projected at high velocity onto a surface" is called Shotcrete. Models that predict shotcrete design parameters (e.g. compressive strength, slump etc) from any mixing proportions of admixtures could save considerable experimentation time consumed during trial and error based procedures. Artificial Neural Network (ANN) has been widely used for similar purposes; however, such models have been rarely applied on shotcrete design. In this study 19 samples of shotcrete test panels with varying quantities of water, steel fibers and silica fume were used to determine their slump, cost and compressive strength at different ages. A number of 3-layer Back propagation Neural Network (BPNN) models of different network architectures were used to train the network using 15 samples, while 4 samples were randomly chosen to validate the model. The predicted compressive strength from linear regression lacked accuracy with  $R^2$  value of 0.36. Whereas, outputs from 3-5-3 ANN architecture gave higher correlations of  $R^2 = 0.99, 0.95$  and  $0.98$  for compressive strength, cost and slump parameters of the training data and corresponding  $R^2$  values of  $0.99, 0.99$  and  $0.90$  for the validation dataset. Sensitivity analysis of output variables using ANN can unfold the nonlinear cause and effect relationship for otherwise obscure ANN model.

**Keywords:** ANN; shotcrete design; admixtures; sensitivity analysis

### 1. Introduction

Shotcrete is preferred support for underground and surface mining/civil structures compared to conventional rock bolting and mesh supported systems for its ease in plastering, high productivity, lower underground maintenance requirements, lesser labor requirements, and cost effectiveness (Leung *et al.* 2005, Leung *et al.* 2006, Hoek 2007). Environmental and engineering factors encourage the use of industrial waste or by-products e.g. slag, silica fume, and fibers as admixtures in shotcrete which improve various shotcrete properties. Silica fume increases the density (Rasa *et al.* 2009) adhesion and cohesion properties (Maimberg 1993) of shotcrete which results in lesser rebound during shotcrete layering and greater compressive strength. Addition of steel fibers prevent cracks formation due to different shrinkage rates in a shotcrete layer (Leung *et al.* 2006). It makes shotcrete highly resistant to impact energy released during blasting, seismic activity and similar destabilizing factors in underground environment (Banthia *et al.* 1999). Appropriate

<sup>\*</sup>Corresponding author, Assistant Professor, E-mail: [khan.m@uetpeshawar.edu.pk](mailto:khan.m@uetpeshawar.edu.pk)

<sup>a</sup>Professor, Head of Department, Ph.D. E-mail: [chair\\_min@nwfpuet.edu.pk](mailto:chair_min@nwfpuet.edu.pk)

<sup>b</sup>Postgraduate Student, Department of Mining Engineering UET Peshawar

UNIVERSITY OF ENGINEERING & TECHNOLOGY, PESHAWAR



DEPUTY DIRECTOR ACCOUNTS

The Deputy Director,  
Directorate of Science & Technology,  
Peshawar.

Ph. No:091-9216796-98  
Extension:3224  
Fax:091 - 9216663  
No 358 /SA/Account  
Dated 17 /06/2015

Subject:- Acknowledgement  
Dear Sir,

It is to certify that three No. cheques pertaining to DOST projects has been received as per detail below:

Project Titled	Installment	Amount (Rs.)	Cheque No.	Date
Pilot Implementation of Electricity Theft Solution with Secure Billing Framework under the supervision of Dr. Gul Muhammad Khan Deptt: of Electrical	3 <sup>rd</sup>	1,000,000	1107680	26-05-2015
Building insulation a step to energy efficient construction under the supervision of Dr. Amjad Naseer Deptt: of Civil	2 <sup>nd</sup>	90,000	1145814	25-05-2015
Development of plant for indigenous Coal Resources of KPK up gradation, utilization and value addition	Additional grant	200,000	1145815	25-05-2015

Yours Sincerely,

Deputy Director Accounts

Copy for information to:

1. Dr. Gul Muhammad Khan, Supervisor of DOST project Deptt: of Electrical Engg:.
2. Dr. Amjad Naseer, Supervisor of DOST project Deptt: of Civil Engg:.
- ✓ 3. Dr. Khan Muhammad, Supervisor of DOST project Deptt: of Mining Engg:.





DEPUTY DIRECTOR ACCOUNTS

Ph. No:091-9216796-98  
Extension:3224  
Fax:091 - 9216663  
No. 664/SA/Account  
Dated 16/08/2015

1. The Director Mechatronics UET, Hayatabad Peshawar
2. The Chairman Civil Engg: UET, Peshawar
3. The Director NIUIP UET, Hayatabad Peshawar
4. The Chairman Mining Engg: UET, Peshawar

Subject:- Sanction/Advance for M.Sc projects of students  
Dear Sir,

The Vice-Chancellor has been pleased to accord sanction/advance of Rs.120,000/- for the following research topics under plan-A in respect of M.Sc students as per detail below:

S.No.	Department/ Student Name	Research Tile	Supervisor	Total cost Rs.
1.	Engr. Muhammad Iqbal, Institute of Mechatronics Engineering	Hybrid Bridge Energy Harvester using Combined Piezoelectric and Electromagnetic Conversion	Dr. Syed Farid Ullah Khan	30,000
2.	Engr. Muhammad Tufail, Deptt: of Civil Engineering	Effect of Fire on Mechanical Properties of Concrete	Mr. Asadullah	30,000
3.	Engr. Shoaib Muhammad Khan, NIUIP	Sustainability of Solid Waste Management System in Urban Areas of Pakistan: Stakeholders perspective	Dr. M. Sagheer Aslam	30,000
4.	Engr. Naeem Abbas, Deptt: of Mining Engineering	Study of Optimization and Efficiency of Water only Cyclone	Dr. Khan Muhammad	30,000
		Total		120,000

1. Director Mechatronics	Rs.30,000/-
2. Chairman Civil Engg:	Rs.30,000/-
3. Director NIUIP	Rs.30,000/-
4. Chairman Mining Engg:	<u>Rs.30,000/-</u>
Total	<u>Rs.120,000/-</u>

The project works may be carried out subject to the observance of all codal formalities as per University rules in vogue.

The expenditure will be charged to "Research Fund" for the year 2015-16.

Yours Sincerely,

Deputy Director Accounts

Copy to:

1. The Secretary BOASAR UET, Peshawar for Information, please.
2. The R.D.D Audit, UET Peshawar for information, please.

*Handwritten notes and signatures:*  
Dt. Inform Khan  
R.D.D. Audit  
[Signature]



Chairman

DEPARTMENT OF CHEMICAL ENGINEERING  
UNIVERSITY OF ENGINEERING & TECHNOLOGY  
PESHAWAR, PAKISTAN

chaircheml@uetpeshawar.edu.pk

Phone No: 091-9218180, Fax No: 091-9218180

Ref. No. 1009/Chem

Date: 01/06/2015

The Dean,  
University of Engineering and Technology,  
Peshawar, Pakistan.

Subject: Permission to Visit Bestway Cement for Research Project

Dear Sir,

Reference to the application no 1006/Chem dated 28/05/2015 regarding the subject stated above and your comments for coordinating the visit to Bestway Cement Hattar, Haripur, the undersign discuss the matter with HODs of Mechanical, Mining and Electrical Engineering Departments. The following faculty members have been nominated by the HODs for the research collaboration visit.

- Prof. Muhammad Pervez Mechanical Engineering
- Dr. Afzal Khan Mechanical Engineering
- ✓ • Dr. Khan Muhammad Mining Engineering
- Dr. Saeed Gul Chemical Engineering
- Engr. Amir Muhammad Chemical Engineering
- Engr. Noman Khursheed Electrical Engineering

The visit has been scheduled on 02/06/2015. An approval in this regard is required; furthermore, transport will also be needed.

Best Regards

Dr. Saeed Gul  
Chairman

Copy to:

- Chairman, Mining Engineering
- Chairman, Mechanical Engineering
- Chairman, Electrical Engineering

Department of Chemical Engineering

CHAIRMAN  
Department of Chemical Engg.  
University of Engineering  
and Technology, Peshawar

P.O.BOX: 814.  
Peshawar, Pakistan

Tel:091-9216796-98(3025)  
Fax: 091-9218180

*For Dr. Khan Muhammad*  
*Amir*  
*1-6-15*



Ref: 2269/MIN

Date: 04-09-2015

**External Examiner:**

Prof. Dr. Muhammad Ali Shah,  
Chairman Department of Mining Engineering,  
Baluchistan University of Information Technology,  
Engineering and Management Sciences (BUIEMS) Quetta.

**Thesis Supervisor:**

Prof. Dr. M. Mansoor Khan  
Dean Qurtaba University  
Hayatabad Peshawar

**Internal Examiner:**

Dr. Khan Muhammad Assistant Professor  
Department of Mining Engineering  
UET Peshawar

**Subject:** Thesis Defense Examination in Respect of Engr. Muhammad Ali M. Sc.  
Student Department of Mining Engineering UET Peshawar.

Sir,

With reference to notification No. 83/F-05(A) vol-1/O-III/Acad dated 03-09-2015 the thesis defense examination of Engr. Muhammad Ali M. Sc. Student Department of Mining Engineering UET Peshawar has been scheduled on 07-09-2015.

Kindly make it convenient to attend the examination of the M.Sc. Thesis "Exploration and Exploitation of alluvial gold and other base metal of river Kabul" at 930am in the reference library of the Department of Mining Engineering UET Peshawar.

You are requested to kindly make it convenient to attend this examination. TA/DA will be paid as per university rules.

Dr. Khan Muhammad  
Postgraduate Advisor

Cc:

1. Dean of Engineering, UET Peshawar
2. Chairman Department of Mining Engineering UET Peshawar
3. Office Record

## PROFESSIONAL DEVELOPMENT





Certificate of Participation  
awarded to

**Dr. Khan Mohammad**

for attending

**“Workshop on Outcome Based Education & Assessment System of Accreditation”**

- *Self Assessment and preparation for WA verification*
- *Requirement of outcomes-based engineering program*
- *Preparation of accreditation*

(One CPD Credit Point)

Organized by

**University of Engineering & Technology, Peshawar**

In collaboration with

**Pakistan Engineering Council, Islamabad**

(October 29 – 30, 2015)

**Engr. Dr. Nasir Mahmood Khan**  
Additional Registrar  
Pakistan Engineering Council  
Islamabad- Pakistan

**Prof. Ir. Megat Johari Megat Mohd Noor**  
Associate Director (International Affairs)  
Engineering Accreditation Department (EAD),  
Board of Engineers Malaysia (BEM).

**Engr. Syed Imtiaz Hussain Gillani**  
Vice Chancellor  
University of Engineering & Technology,  
Peshawar, Pakistan



## PROFESSIONAL CONTRIBUTIONS



**INSPECTORATE OF MINES LABOUR WELFARE  
KHYBER PAKHTUNKHWA**

ATTACHED DEPARTMENT COMPLEX, KHYBER ROAD, PESHAWAR  
Phone: 091-9211404 Fax:091-9210815

No.

Dated:

2015

**OFFICE ORDER**

In pursuance of meeting with Secretary, Mineral Development Department Government of Khyber Pakhtunkhwa dated 19.02.2015 regarding designing of Model Coal Mine at Shahkot, the Competent Authority is pleased to constitute a committee, comprising of the following Officers:

1. Mr. Fazle Raziq, Chief Inspector of Mines as Chairman.
2. Mr. Fazal Hussain, Senior Inspector of Mines, H/Q Office, Peshawar
- ✓ 3. Dr. Khan Muhammad, Assistant Professor, Mining Engineering Deptt.
4. Engr. Jamil Khan, Project Manager, Model Coal Mines.
5. Muhammad Rafiq, Survey & Drawing Officer, H/Q Office, Peshawar

The committee should prepare an underground and surface plan of the proposed Model Coal Mine with all literal development to become a part of the revised PC-I, within 15-days positively for onward submission to the P&D Department for approval in the next PDWP meeting.

-Sd-  
DIRECTOR GENERAL  
Mines & Minerals  
Khyber Pakhtunkhwa, Peshawar

Encst:No.

815-17

Dated 23/02/2015

Copy is forwarded to:

1. PS to Secretary Mineral Development, Government of Khyber Pakhtunkhwa.
2. PA to Director General Mines & Minerals, Peshawar.
3. All members.

Engr. Fazal Hussain  
Senior Inspector of Mines  
H/Q Office, Peshawar.





GOVERNMENT OF KHYBER PAKHTUNKHWA  
DIRECTORATE GENERAL MINES & MINERALS  
ATTACHED DEPARTMENT NEAR JUDICIAL COMPLEX, KHYBER ROAD,  
PESHAWAR, CANTT.

Phone: 091-9210275, 9211140 Fax: 091-9210236

No. DGMM/DEM/Admn-2015/

6218-23

To,

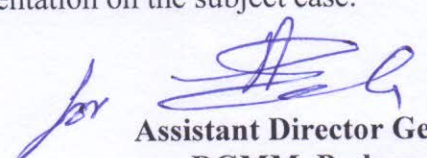
1. Chief of Section (Industries),  
P&D Department, Peshawar.
2. Chief Executive,  
FATA Dev: Authority, Peshawar.
3. Deputy Secretary Development-II,  
Finance Department, Peshawar.
4. The Director,  
Geological Survey of Pakistan.
5. Deputy Secretary (Admn),  
Mineral Development Department, Peshawar.
- ✓ 6. Chairman Mining Engineering Department,  
UET, Peshawar.

**SUBJECT: - Evaluation Of Consultancy Work In Respect Of PC-II Scheme "Regional Geochemical Exploration For Precious Metals In Southern Parts Of Khyber Pakhtunkhwa".**

Kindly refer to notification No. SPO/MDD/2-30/2011 dated 25-04-2015 where in the above members have been nominated for assessing the report on the subject case. The National Centre of Excellence in Geology University of Peshawar has submitted Final report as per 4(vi)d of the Terms of Reference (TOR) of the subject scheme.

In order to evaluate the above report, a meeting of the constituted Committee is to be held on 15-06-2015 at 11:00 AM in GIS Lab, Directorate General Mines & Minerals, near Judicial Complex, 5<sup>th</sup> -Khyber Road, Peshawar.

You are requested to make it convenient to participate in the meeting wherein the National Centre of Excellence in Geology will offer presentation on the subject case.

  
Assistant Director Geologist,  
DGMM, Peshawar.

Endst: No. DGMM/DEM/Admn-2015/

Dated:- /06/2015

C.C to:-

- PA to Director General, Mines & Minerals, Peshawar & as per directive of Director General Mr. Zahoor Ahmad Nisar Senior Minerologist MTL being the Senior Competent Geologist will chair the meeting.
- Mr. Zahoor Ahmad Nisar, Senior Mineralogist, MTL to chair the meeting for evaluation of report as per directive of Director General.
- The Director, National Centre of Excellence in Geology, University Of Peshawar to arrange presentation on the subject case.

*Dr. Khan M  
Please discuss*

Assistant Director Geologist,  
DGMM, Peshawar



**MineSight® SOFTWARE EDUCATIONAL DONATION AGREEMENT**  
*University of Engineering and Technology Peshawar*  
Peshawar - Pakistan

KEY # P1129

Date: 13<sup>th</sup> of January 2015

“CONTRACTOR” includes Mintec, MineSight, MineSight Applications and present and future affiliates, parents and/or assigns.

**DEFINITIONS:**

“**Authorized Users**” means any student currently enrolled with *University of Engineering and Technology Peshawar* and attending courses as part of a degree program. *University of Engineering and Technology Peshawar* will notify CONTRACTOR of changes to the number of Authorized Users.

“**Educational Donation Agreement**” means this agreement between Contractor and *University of Engineering and Technology Peshawar* where Contractor donates for educational purposes only, a full, renewable, nonexclusive, and nontransferable version of MineSight software programs.

“**Key Person(s)**” means a department faculty member of *University of Engineering and Technology Peshawar*, designated and authorized by RECIPIENT to manage usage and receive and retain custody of MineSight programs and updates.

“**RECIPIENT**” means *University of Engineering and Technology Peshawar*, the educational institution that is party to this Educational Donation Agreement.

“**Local Network System**” means multiple, interactive user terminals connected to a single server owned, leased, or operated by RECIPIENT which is located at Department of Mining Engineering, University Road, 2 – Peshawar, Pakistan.

“**MineSight software or programs**” means the comprehensive mining exploration, planning and design software developed by Contractor and donated to *University of Engineering and Technology Peshawar* under the terms of this Educational Donation Agreement.

“**Network Key**” means the MineSight network key dongle provided to *University of Engineering and Technology Peshawar* that limits the number of Authorized Users of MineSight software.

“**Term**” means the period of one (1) year commencing on 13th of January 2015, and automatically renewing for additional one-year terms unless terminated as outlined below or at the discretion of Contractor.

**TERMS:** In exchange for the donation of MineSight software to RECIPIENT’s organization, Contractor has the following conditions:

- RECIPIENT’s Key Person will be the single point of contact for requests of MineSight software technical assistance and to receive MineSight software newsletters, announcements and bulletins.
- RECIPIENT’s Key Person or a designated faculty member will attend an initial MineSight training course and a minimum of one (1) additional MineSight training course per year. RECIPIENT’s Key Person or designated faculty member is encouraged to attend CONTRACTOR’s Annual Seminar and may request permission for attendance of RECIPIENT’s Authorized Users.
- RECIPIENT will notify CONTRACTOR in writing and within thirty (30) days of changing the location of a designated server or servers;
- RECIPIENT agrees to notify Contractor in writing, if RECIPIENT intends to use a competitive or other mine planning software while using MineSight software.
- RECIPIENT agrees that it will not disclose to third parties any of CONTRACTOR’s Proprietary Confidential Information.

**RECIPIENT** may:

- a. install the Network Key containing MineSight programs on a computer designated as the server or set of redundant servers;
- b. add additional license(s) to this Educational Donation Agreement after providing CONTRACTOR with a written request thirty (30) days prior to the required date;
- c. allow the Authorized Users access or use of MineSight software programs from the network on the designated server.

**CONTRACTOR will terminate this MineSight Software Educational Donation Agreement upon RECIPIENT's violation of any of the following:**

- a. Use MineSight software for revenue generating work on behalf of the university or for personal consulting projects.
- b. MineSight training of individuals that are not currently enrolled in a degree program with the RECIPIENT.
- c. Allow access to MineSight software by anyone who is not an Authorized User or at non-disclosed locations.
- d. Modify, translate, reverse engineer, decompile, disassemble, or create derivative works based on MineSight programs or the accompanying documentation.
- e. Sale or attempted resale of MineSight software programs to any third party under any circumstances.
- f. Transfer (including intra-institutional transfers) or grant of any rights in MineSight software or to the Network Key to any person not a party to this Educational Donation Agreement.
- g. Removal of any proprietary notices, labels, or marks on MineSight software and accompanying documentation. CONTRACTOR retains all rights, title and copyrights to MineSight programs, accompanying documentation. Unauthorized copying of MineSight software or the accompanying documentation, or failure to comply with the above restrictions will result in automatic termination of this Educational Donation Agreement and your right to use the Network Key.

**TERMINATION**

This Educational Donation Agreement will immediately terminate upon RECIPIENT's breach of any term contained herein. At the time of termination, RECIPIENT will stop use of and return all MineSight software programs to CONTRACTOR. The items to be returned to CONTRACTOR include, but are not limited to, all proprietary information including any documentation, media, hardware keys and all related materials. Within ten (10) days after the termination of this Educational Donation Agreement, RECIPIENT will certify to CONTRACTOR in writing that it has returned all items furnished to RECIPIENT under this Educational Donation Agreement.

**ACKNOWLEDGMENTS**

RECIPIENT acknowledges that this Educational Donation Agreement is the entire agreement between the RECIPIENT and CONTRACTOR relating to use of MineSight software license(s) and: (i) this Educational Donation Agreement supersedes all prior communications and representations with respect to MineSight software; and (ii) prevails over any conflicting or similar communications between the parties.

RECIPIENT is responsible for the safekeeping and protection against loss of any MineSight software Network Key.

RECIPIENT will be responsible to correctly reference, in any written document that MineSight® is the registered trademark owned by CONTRACTOR, Inc.

CONTRACTOR

RECIPIENT

Executed By: Rudy Moctezuma

Executed by: 

By: Rudy Moctezuma

By: PROF. DR. NOOR MOHAMMAD

Title: Regional Client Relations Manager

Title: Chairman, Dept. of Mining Engg, UET Peshawar



No. 2298/MAN

Date: 30-9-2015

The Treasurer,  
UET Peshawar.

**Subject: Payment of 10% university share after completion of consultancy**

Sir,

With reference to NOC ref No: 14057/ESst-II/PF dated 26-8-2014 regarding private consultancy services by the undersigned to PMDC FATA DA North Waziristan Copper project for "resource estimation of Shinkai prospect-3 North Waziristan copper deposit" please accept the payment of Rs. 7310/- @ 10% consultancy fee to the university A/C No. UBL 125-9 receipt No. 394 dated 30-9-2015 after final report submission and successful completion of the consultancy.

Gross Consultancy Charges:	85,000/-
Income Tax:	<u>11,900/-</u>
Net consultancy charges:	73,100/-

Sir, NOC copy from the university, financial certificate from the client and agreement copy is enclosed for your convenience.

Sincerely,



**Dr. Khan Muhammad**  
Assistant Professor  
Dept of Mining Engineering and  
Consultant

Cc:

1. Dean of Engineering, UET Peshawar
2. The Registrar, UET Peshawar
3. Chairman Dept of Mining Engineering, UET Peshawar



PMDC-FATA MINERAL EXPLORATION OFFICE

Plot # 44, Sector B-1, Phase V, Hayatabad, Peshawar

Tele # 091-9219559

Exploration & Development of Copper in North Waziristan Agency FATA

Detail Of Total Payment Made to Consultant Dr.Khan Muhammad Against Consultancy & Software of Minesight

S.No	Bill No & Date	Software Charges (Rs.)	Consultancy Charges	Income Tax	Net Amount	Cheque No
1	1849 dated 19.08.2014	207,620	17,000	1,700	222,920	26347462
2	2239 dated 28.07.2015	5,180	68,000	10,200	62,980	33142508
	<b>Total</b>	<b>212,800</b>	<b>85,000</b>	<b>11,900</b>	<b>285,900</b>	

*M. Naeem*

Muhammad Naeem  
Asstt: Manager (F&A)

10.08.2015

/ Asstt: Manager (F&A)

PMDC-FATA Mineral Exploration Office  
Plot No 44 Sector B-1  
Phase-V Hayatabad Peshawar





# MINE SIGHT® LETTER OF INTENT

LETTER DATE: FEBRUARY 25, 2015  
SENT VIA E-MAIL

CLIENT: Dr. Khan Muhammad  
CLIENT LOCATION: Pakistan  
CLIENT CONTACT: Dr. Khan Muhammad  
EMAIL ADDRESS: [khan.m@nwfpuet.edu.pk](mailto:khan.m@nwfpuet.edu.pk)  
TELEPHONE NUMBER: 92 91 - 9216 - 7968 ext. 3031

PROPOSAL PREPARED BY: Armando Ramirez  
EMAIL ADDRESS: [Sales@mintec.com](mailto:Sales@mintec.com)  
CONTRACTOR\_\*: MineSight/UK  
PROPOSAL ID: PK2579-022415-1

Dear Dr. Khan Muhammad

Further to your request, this Letter of Intent is for the purpose of removing the component Torque from your MineSight® Cloud Survey plus license under key C023 and replacing with the component Basis Geostats, for the remaining 87 hours and 58 minutes left on your Cloud Survey plus license (as of today) or the hours at the time of replacement.

The license modification is provided to Dr. Khan Muhammad for the remaining 87 hours and 58 minutes or the hours at the time of replacement at no charge as a one-time replacement, no other products can be remove or add to your Cloud Survey Plus license under key C023. Additional products must be purchased for the time remaining.

Please acknowledge your agreement to this Letter of Intent by signing below and return to our office at your earliest convenience by either e-mail to [Sales@mintec.com](mailto:Sales@mintec.com) or fax (520) 325-2568.

Sincerely,

*Rudy Moctezuma*

Rudy Moctezuma  
Regional Client Relations Manager

Date: 5/3/2015

Dr. Khan Muhammad

3544 East Fort Lowell Road  
Tucson, Arizona 85716 USA

T: 520 795 3891

F: 520 325 2568

Email: [sales@mintec.com](mailto:sales@mintec.com) [www.minesight.com](http://www.minesight.com)

USA, Australia, Brazil, Canada, Chile, China, Mexico, Peru, South Africa, Thailand, United Kingdom

**UNIVERSITY OF ENGINEERING & TECHNOLOGY, PESHAWAR**

**NOTIFICATION**

No. 345 /4(17)Estt-V/Vol-III

Dated 2/16 /2015

In continuation of Notification No.46/4(17)Estt-V/Vol-III dated 16.01.2015, the Vice-Chancellor is pleased to constitute the Proctorial Board consisting of the following members for a period of one year at allowance @ Rs.700/- P.M. each with effect from 03.04.2015 to 02.04.2016.

1. Dr. Nasir Ahmad (Department of Computer System Engineering).
2. Dr. Muhammad Sadiq (Mechanical Engineering Deptt)
3. Engr. Rashid Nawaz (Department of Industrial Engineering)
4. Dr. Muhammad Fahad (Department of Civil Engineering)
5. Engr. Hamid Khan (Mechatronics Engineering Deptt.)
6. Mr. Iqbal Uddin (Basic Sciences & Islamiat Deptt.)
7. Engr. Gulzar Ahmad (Electrical Engineering Deptt.)
8. Engr. Zubair Ahmad (Mechatronics Engineering Deptt.)
9. Engr. Amad Ullah Khan (Chemical Engineering Deptt.)
10. Engr. Zuhaib Ali (Mechanical Engineering Deptt.)
11. Engr. Arsalan Khan (Civil Engineering Deptt.)
12. Engr. Mehmood Alam, (Agricultural Engineering Deptt.)
- ✓ 13. Dr. Khan Muhammad (Mining Engineering Deptt.)
14. Mr. Imran Rashid ((Department of CS& IT)
15. Engr. Imran Khan Swati (Chemical Engineering Deptt.)
16. Engr. Tayyaba Bibi (Department of Civil Engineering)
17. Engr. Faheem Ali (Electrical Engineering Department)

No. 8150-59 /Estt-III

Copy to:

1. The Dean, Faculty of Engineering
2. All Heads of Teaching Departments
3. The Chief Proctor, UET Peshawar
4. The Treasurer
5. The Manager, IT Centre
6. The Additional Director Budget
7. The Resident Deputy Director (Audit)
8. The Faculty concerned
9. Estt-I

*sd/2*  
Registrar

*For Dr. Khan Mohammed*  
*3-6-15*

  
Registrar

 University of Engineering  
& Technology, Peshawar



BOARD OF ADVANCED STUDIES AND RESEARCH  
UNIVERSITY OF ENGINEERING AND TECHNOLOGY,  
PESHAWAR.

boasar@nwfpuet.edu.pk  
Phone: 091-9216791

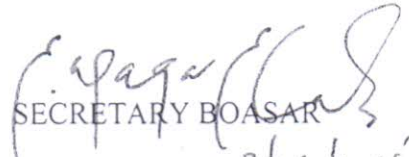
Secretary

No. 400 /BOASAR/UT

Dated 24. 4.2015.

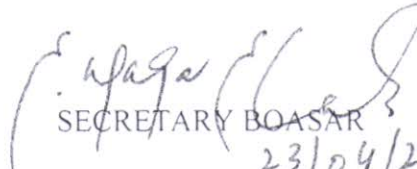
NOTIFICATION

In pursuance of the decision of the Syndicate made in its 30<sup>th</sup> meeting held on 20.12.1992, clause 1.3 of the Postgraduate Prospectus 2014-15 and in continuation of this Office notification No. 336/BOASAR/UT dated. 18.3.2014, the Vice Chancellor is pleased to extend the period of appointment of Dr. Khan Muhammad, Assistant Professor as Postgraduate Advisor for the Department of Mining Engineering, UET for another term of one year with effect from 15.3.2015.

  
SECRETARY BOASAR  
23/04/2015

No. 574-90 /36-E/BOASAR/UT

1. The Chairman, Department of Mining Engineering
2. The Director Finance
3. The Director Postgraduate Studies
4. The Director, Campus Management Solution
5. The Director Quality Enhancement Cell
6. The Resident Deputy Director (Audit)
- ✓ 7. Dr. Khan Muhammad, Postgraduate Advisor, Dept. of Mining Engg.
8. The Superintendent Pay bills, Estt: Section
9. P.S to the Vice Chancellor
10. P.S to the Dean, Faculty of Engineering
11. P.S to the Registrar
12. Master file

  
SECRETARY BOASAR  
23/04/2015





DEPARTMENT OF MINING ENGINEERING  
UNIVERSITY OF ENGINEERING AND TECHNOLOGY  
PESHAWAR, PAKISTAN

Chairman

Ref. No. 2302/Min

Dated: 02 / 10 / 2015

**Constitution of Departmental Scholarship/Loan Committee**

A departmental Scholarship committee is being constituted to look after the departmental scholarship/loan affairs. The committee is comprised of the following faculty/office assistant.

- |   |          |
|---|----------|
| 1. Dr. Khan Mohammad<br>(Assistant professor) | Convener |
| 2. Engr. Talat Bilal<br>(Lecturer)            | Member   |
| 3. Mr. Rafat Ali Khan<br>(Office Assistant)   | Member   |

Chairman

**Copy to.**

1. Dean, Faculty of Engineering, UET Peshawar
2. Concerned member
3. Office Copy

University of Engineering and Technology, Peshawar


No. 45/P&D/UET

Dated 18-11-2015

NOTIFICATION

On the recommendation of the Registrar, the Vice-Chancellor has been pleased to constitute the following Committee/Core Team to finalize the Business Plan of the University and tackle the same with the Higher Education Commission, Islamabad:-

- |                             |                  |
|-----------------------------|------------------|
| 1. Prof. Dr. Sahar Nooor    | Focal Person     |
| 2. Dr. Laiq Hasan           | Member           |
| 3. Dr. Najeeb Ullah (PCASE) | Member           |
| 4. Dr. Shahid Bashir        | Member           |
| 5. Dr. Khan Muhammad        | Member           |
| 6. Dr. Shahid Nawaz         | Member           |
| 7. MR. Sajid Faheem (PCASE) | Member           |
| 8. Mr. Momin Shah           | Member/Secretary |

  
Treasurer  
UET Peshawar

Copy to all concerned