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

# STUDENTS EVALUATION

### Students' Evaluation of Undergraduate Courses taught in the year 2013-14

Name of the Teacher: Dr. Khan Muhammad

Designation: Assistant Professor Department of Mining Engineering

S. No.	Criteria	2010-11*	2011-12*	2012-13*	2013-14**
1	The teacher comes well prepared for the class	3.66	4.63	5.16	4.48
2	The instructor provides guidance and leadership in student activities	3.83	3.95	5.34	4.37
3	The instructor has completed the whole course	4.40	5.12	5.40	4.97
4	The instructor communicates the subject matter effectively	3.45	4.09	5.16	4.23

\*Based on data provided by QEC: 0= Strongly Disagree 2= Somewhat Agree 4=Agree 6=Strongly Agree \*\*Projected as average of previous 3 years QEC evaluation data

ال الم Certified By:

**Prof. Dr. Noor Mohammad** Chairman, Department of Mining Engineering UET Peshawar

> CHAIRMAN Deptt: of Mining Engg: University of Engg: & Tech: Peshawar

# PEERS EVALUATION

# applicant Name: Dr. Klan Muhammad Department: Mining Engg PEER EVALUATION PROFORMA(PEP)

# (for use in FEP)

# To be filled by the PEER Evaluation Committee Comprising three senior faculty members of the Department nominated by the Chairman

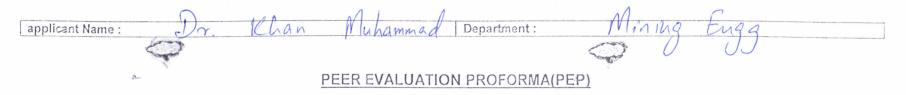
Instructions:

- $\checkmark$  Marks  $\checkmark$  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

Question No.	Description	Strongly Agree	Agree	Somewhat Agree	Disagree
1	The course folder indicates good quality course				
2	The instructor has developed new course/updated course				
3	The instructor contribute towards departmental development	N.			- Car
4	The instructor contributes toward knowledge development in his field	V.			
5	Quality of presentation is excellent in seminars/ workshop/conference etc. with respect to subject contents, organization and communication	V			

Chairman of Universi Peshawai

Date 2013-14



(for use in FEP)

# To be filled by the PEER Evaluation Committee Comprising three senior faculty members of the Department nominated by the Chairman

Instructions:

- ✓ Marks (✓) 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

Question No.	Description	Strongly Agree	Agree	Somewhat Agree	Disagree
1	The course folder indicates good quality course		V		
2	The instructor has developed new course/updated course	V			
3	The instructor contribute towards departmental development	~			
4	The instructor contributes toward knowledge development in his field	V			
5	Quality of presentation is excellent in seminars/ workshop/conference etc. with respect to subject contents: organization and communication	~			

Chairman of the Department CHAIRMAN Engg: Deptt: of Mining Engg: & Tech University of Fugg: & Tech

Date: 2013-14

### Mu Khan Minin hamma Department : applicant Name :

# PEER EVALUATION PROFORMA(PEP)

# (for use in FEP)

# To be filled by the PEER Evaluation Committee Comprising three senior faculty members of the Department nominated by the Chairman

Instructions:

Date :

- $\checkmark$  Marks  $\checkmark$ ) 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

Question No.	Description	Strongly Agree	Agree	Somewhat Agree	Disagree
1	The course folder indicates good quality course	V			
2	The instructor has developed new course/updated course				
3	The instructor contribute towards departmental development				
4	The instructor contributes toward knowledge development in his field	V/			
5	Quality of presentation is excellent in seminars/ workshop/conference etc. with respect to subject contents, organization and communication	$\checkmark$			

Chairman of the Department Deptt: of Mining Englis University of Engg: & Teelis

Peshawar

# TEACHING



# DEPARTMENT OF MINING ENGINEERING UNIVERSITY OF ENGINEERING AND TECHNOLOGY PESHAWAR

Phone: (091) 9216501 Email: chair\_min@nwfpuet.edu.pk

October 28, 2014

Ref. #: 19161min.

# 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 Fall 2009 to Fall 2013 semesters:

Year	ar Semesters & Courses		
	Courses	Semester	
· 2009	Fall 2009		
, 2009	MinE 311 Geostatistical Ore Reserve Estimation (Theory)	5 <sup>th</sup>	
	MinE 311 L Geostatistical Ore Reserve Estimation (Lab.)	5 <sup>th</sup>	
	Spring 2010		
	MinE 306 Mine Economics and Management (Theory)	6 <sup>th</sup>	
2010	MinE 106 L Computer Applications (Lab.)	2 <sup>nd</sup> S	
2010	Fall 2010	-	
	MinE 311 Geostatistical Ore Reserve Estimation (Theory)	5 <sup>th</sup>	
	MinE 311 L Geostatistical Ore Reserve Estimation (Lab.)	5 <sup>th</sup>	
	Spring 2011		
	MinE 306 Mine Economics and Management (Theory)	6 <sup>th</sup>	
2011	Fall 2011		
	MinE 311 Geostatistical Ore Reserve Estimation (Theory)	5 <sup>th</sup>	
	MInE 311 L Geostatistical Ore Reserve Estimation (Lab.)	5 <sup>th</sup>	
	Spring 2012		
2012	MinE 306 Mine Economics and Management (Theory)	6 <sup>th</sup>	
2012	Fall 2012		
	MinE 306 Mine Economics and Management (Theory)	5 <sup>th</sup>	
	Spring 2013		
	MinE 311 Geostatistical Ore Reserve Estimation (Theory)	5 <sup>th</sup>	
2013	MinE 311 L Geostatistical Ore Reserve Estimation (Lab.)	5 <sup>th</sup>	
2015	Fall 2013		
	MinE 311 Geostatistical Ore Reserve Estimation (Theory)	6 <sup>th</sup>	
	MinE 311 L Geostatistical Ore Reserve Estimation (Lab.)	6 <sup>th</sup>	

Salwah\_\_\_\_\_ Safi dr Rehman

Semester Coordinator Department of Mining Engineering

Prof. Dr. Noor Muhammad

Chairman Department of Mining Engineering

Copy:

Office Record



# Department of Mining Engineering

# University of Engineering and Technology Peshawar

Phone: (+92-91) 9216501 Email: chair\_min@nwfpuet.edu.pk

Ref. #: 1914/11/n

Date: 3-8/10/14

# To Whom it May Concern

This is to certify that Dr. Khan Muhammad Assistant Professor Dept of Mining Engineering taught the following postgraduate courses to MSc Mining Engineering students from spring 2010 to fall 2013.

	Spring 2010
	MinE 5540 Operations Research
	fall 2010
2010	MinE 5535 Computer Application in Mining and Advance Programming
	Spring 2011
	Mine 5511 Loss Control and Safety in Mining
	Fall 2011
2011	MinE 5535 Computer Application in Mining and Advance Programming
	spring 12
	Nil
	Fall 2012
2012	MinE 5512 Technical Report Writing and Research Methodology
	Spring 2013
	Nil
	Fall 2013
2013	MinE 5535 Computer Application in Mining and Advance Programming
	2011

28/1/14

Prof. Dr. Noor Mohammad Chairman

Cc: Office record

# RESEARCH



# GOVERNMENT OF KHYBER PAKHTUNKHWA DIRECTORATE OF SCIENCE & TECHNOLOGY TF 250, 3<sup>rd</sup> floor, Deans Trade Centre, Saddar Canti, Peshawar

Phone # 091-9212881-713 Fax # 091-9212583

No. Dirtt/S&T/KP/PRS/Pilot Study/2012-13/



- Dr. Khan Muhammad, Department of Mining, UET Peshawar.
   Engr. Amad Ullah,
  - Department of Chemical, UET Peshawar.
- Engr. Naveed Ahmad.
   Department of Mechanical, UET Peshawar.

Subject: Award of Pilot Research Study

Your research proposal titled "Up gradation, Utilization and Value addition for indigenous coal resources of KP" dated Nil has been approved by the competent authority after thorough evaluation by the relevant field experts with a total approved cost of Rs. 3.00 million.

You are therefore requested to attend this office for fulfilling the necessary official requirements and signing of contract agreement at the earliest, please.

Deputy Director (PRS)

Copy to:

- PS to Vice Chancellor, UET, Peshawar.
- PA to Director S&T, DoSTKP Peshawar

Deputy Director (PRS)



1.

BOARD OF ADVANCED STUDIES AND RESEARCH UNIVERSITY OF ENGINEERING AND TECHNOLOGY, PESHAWAR. Telephone: (091) 9216791



はたいとなるというが、したの目標ではない。

Secretary No.229\_/BOASAR/UET

Dated, 26.3.2013

# NOTIFICATION

In pursuance of the decision made by the BOASAR in its 21<sup>st</sup> meeting, the Vtee Chancellor is pleased to approve the topic of research and research supervisor under plan-A in respect of the following MSc student of the Department of Mining Engineering, UET with effect from 17.3.2013.

	Name	Engr. Saad Saleem
	Date of Reng.	Spring 2011
	Title	Blast design for optimized fragmentation, incorporating milling efficiency.
r.	Supervisor	Dr. Khan Muhammad
	Total cost	Rs. 30.000/-

Detail of expected expenditure

S.No.	Items	Costs (Rs)		
1. Books/Literature 30,000/-		30,000/-		
Measurement of blast Fragmentation:Proceedings of the Fagblst-5 Workshop Edited by John A.Franklin, T.Katsabanis Published January 1 <sup>st</sup> by Taylor &				
Francis-32 pages.				
Total Rs.30,000/-				

Name

# Engr. Muhammad Ali

Base Metal of River Kabul.

Prof. Dr. M.Mansoor Khan

Exploration & Exploration of Alluvial Gold & other

Date of Reng.

Spring 2011

Title

Supervisor

Total cost

Rs. 30,000/-

	S.No.	Items	Unit price of the	No of equipment	Total price (Rupees)	] .
			equipment (Rupees)	-	(Rupees)	
	1.	Plastic tubs plastic pans for gold panning	1000.0	4.0	4000.00	
1	2.	Flask (400ml)	150.00	25.0	3750.00	
	3.	Beaker (1Ltr)	200.00	5.0	1000.00	]
	4.	Beaker (250ml)	90.00	15.0	1350.0	
	5.	Funnel	75.00	2.0	150.00	
	6.	Sampling cloth bags	30.00	25.0	750.00 .	
	7.	Gloves box	400.00	1.0	400.0	
	8.	Nitric acid (500ml)	100.00	5.0	500.00	
-	9.	Filter paper	50.00	10.0	500.00	
	10.	Magnifying glass	100.00	2.0	200.0	
	11.	Graduated cylinder (500ml)	400.00	5.0	2000.00	
-	12.	Graduated cylinder(100ml)	180.00	5.0	900.00	18
-	13.	Plastic bag small	200.00	2.0	400.00	
-	14.	Twisters	50.00	2.0	100.00	]
	15.	Mercury	18000kg	0.5	9000.0	]
	-	Tot	al amount of pro-	cessing equipment	Rs.25000/-	

Literature Sample analysis

Rs.2500 Rs. 2500 「日本に、「日本」の大学のないので、

and the second second second second

Total amount Rs. 30,000/-

.

Name

3.

Engr. Akram Shah

Date of Regn.

Spring 2009

Title

Optimization of blast design to Minimize back break for Dewan Cement Limestone Quarry using artificial neural networks.

Supervisor Total cost

Dr. Khan Muhammad Rs. 30,000/-

	Detail of expected	lexpenditure
S.No.	Items	Costs (Rs)
1.	Books/Literature	18000/-
Rock bla	asting and explosive engineering	g by per anders person, intelligent
	in Geotech Engg. Samui Sitaran	
2.	Software	12000/-
Split-De	esktop Academic license for 1 ye	car.
	Total Rs.	30,000/-
		and account of a company of a c

PROF. DR. SAHAR NOOR

SECRETARY BOASAR

No. 4030-99 /28/BOASAR.

1. The Chairman, Department of Mining Engineering, UET with the request to kindly intimate the students concerned.

Supervisors of the student concerned, Department of Mining Engineering, UET.

3. The Director, Postgraduate Studies, UET, Peshawar

4. The Controller of Examination

- 5. The Quality Enhancement Cell (QEC)
- 6. The Additional Director Finance, UET with the request to kindly release the mentioned amount in favour of the students concerned.
- 7. The Resident Deputy Director (Audit)
- 8. Director, Campus Management Solution
- 9. P.S to the Vice chancellor
- 10. P.S to the Dean, Faculty of Engineering

ROF DR. SAHAR NOOR

State States The second

SECRETARY BOASAR

Journal of Engineering & Applied Science



# UNIVERSITY OF ENGINEERING & TECHNOLOGY, PESHAWAR.

Chief Editor

No: - 1311/JEAS

Date: - 04/11/2013

Engr.Tahir Usman M.Sc. Scholor, Department of Minnig Engineering, UET Peshawar.

# SUBJECT: - ACCEPTANCE OF RESEARCH PUBLICATION

Dear Sir,

I am pleased to inform you that on the approval and recommendations of the referees your article (Ref. # JEAS/12/009), titled "Modeling Blasting Cost at Deewan Cement Qrarry Hattar Using Multivariate Regression" by Tahir Usman and Khan Muhammad is accepted for publication in the Journal of Engineering and Applied Sciences (JEAS), University of Engineering & Technology Peshawar, Vol: 32 No. (1), January-June, 2013.

Thank you.

**Dr. Afzal Khan** Editor (JEAS) chiefeditor@nwfpuet.edu.pk

# DEPARTMENT OF MINING ENGINEERING UNIVERSITY OF ENGINEERING AND TECHNOLOGY PESHAWAR

Min 6146

# Doud 30/4/13

# **Minutes of Meeting**

The 1<sup>st</sup> Research Evaluation Committee (REC) meeting in respect of PhD Scholar Engr. Muhammad Tahir was held on: 27-03-2013 at 10 AM in reference library, Department of Mining Engineering, University of Engineering and Technology, Peshawar. The following attended the meeting

- 1. Prof. Dr. Noor Mohammad Supervisor/ REC Convener
- 2. Prof. Dr. Mohammad Ali Shah,

3. Prof. Dr. Taj Ali Khan,

REC member REC member REC member

4. Dr. Khan Muhammad,

Dr. Shahab Khanzada, Pavement Engineer, National Highway Authority Islamabad, could not attend the meeting due to his preoccupation.

The meeting started with the recitation from Holy Quran by Engr. Muhammad Tahir. Engr. Muhammad Tahir presented his PhD proposal titled "Failure Criteria for the Design and Stability Analysis of Tunnels in the Rock mass Environment of Khyber Pakhtunkhwa using Numerical Modeling" to the REC members.

The REC member deliberated on various aspects of the PhD proposal. After detailed deliberations the committee approved the proposal with the following recommendations:

- A brief introductory data regarding different tunnel excavations completed
   / in progress with special reference to Pakistan may be included in the literature review.
- The list of symbols and abbreviations should be included in the research proposal.
- The literature review within the proposal should be made more concise, explicitly defining the Research Question.
- The scholar should concentrate more on the objectives of the research particularly input parameters of tunnel design.



 After careful scrutiny backed by evidences, it should be mentioned that prior to this study nobody has conducted such type of research in Pakistan.
 The meeting ended with a vote of thanks to and from the chair.

30/4

Prof. Dr. Noor Mohammad Chairman / Supervisor/Convener REC

cc.

1) Dean Faculty of Engineering, UET Peshawar

2) Director Postgraduate studies, UET Peshawar

3) Secretary BOASAR, UET Peshawar

4) REC members

5) PS. to Vice-Chancellor, UET Peshawar

6) PS. Director Finance, UET Peshawar



1

# PROFESSIONAL DEVELOPMENT



Dr. Khan Muhammad

# Introduction to Geology - 3D Block Modelling

SUBEESSSEDLEN ENDER

Signature of Manager: Name: May Weakner Title: Office Manager

Instructor's Name: Christian Maskrey Date: 16/08/2013

EVELOPERS OF MINING SOFTWARE SOLUTIONS

# **PROFESSIONAL CONTRIBUTIONS**



# Introduction to MineSight for Geology – 3D Block modeling (4-day)

### Course Description:

This course is a basic introduction to MineSight for geology users. It introduces MineSight 3D, MSTorque drillhole and blasthole manager, and the programs and procedures accessed by MineSight Compass, all with an emphasis on geology and 3D block models. By the end of this course you will know how to navigate the MineSight 3D and MineSight Compass interfaces, initialize projects, perform CAD functions (creating and editing points, polylines, polygons etc.), design drillholes, import geological assay, and geotechnical drillhole data, composite data, display drillholes and drillhole data in 3D, outline geological units in sections and in 3D, interpolate data to create block models, visualize data in 3D-block models, perform basic data statistics and reserves calculations, and plot sections and plan views.

### Day 1-AM

□ Introduction to MineSight for Geology-3DBM Course Flow

MineSight Overview

Project Overview

🗆 Initializing a MineSight 3D Project

Introduction to the MineSight 3D

Interface

Working with Geometry Objects and Elements

□ Working with Materials

### Day 1-PM

□ Working with Grid Sets and the Edit Grid

Working with Point Data

Working with Polyline Data

### Day 2-AM

□ Triangulating Data

Working with Surface Data

Designing Drillholes

Initializing a MineSight PCF and

MineSight Compass Project

Introduction to the MineSight Compass Interface

### Day 2-PM

Initializing an MSTorque Project

Introduction to the MSTorque Interface

- Setting Up an MSTorque Project
- Importing Data into MSTorque

### Day 3-AM

Validating Drillhole Data in MSTorque
 Generating drillhole reports in
 MSTorque
 Using MSTorque with MS3D and
 MSBasis

### Day 3-PM

- Displaying Drillholes in MineSight
- Working with Geologic Interpretation

□ Coding Drillhole Intervals

### Day 4-AM

Compositing Drillhole Data

□ Calculating Drillhole Data Statistics in MSDA

- Working with Surface Models
- Initializing the 3D Block Model
- □ Adding Topography to the Model

### Day 4-PM

- Interpolating the Model
- □ Displaying the Geologic Model View
- Calculating Model Statistics
- Reporting Model Resources
- Working with MultiRuns

Daily Timings: 9am to 4pm Tea Break: 11am to 1130am Lunch and Prayers Break: 1pm to 2pm



# MINUTES OF THE MEETING OF HEADS OF TEACHING DEPARTMENTS HELD ON 24-9-2013 IN THE UNIVERSITY CONFERENCE HALL

A meeting of the Chairmen Committee/Heads of Teaching Department was held on 24-9-2013 under the chairmanship of the Dean, Faculty of Engineering in the University Conference regarding Business Plan of the University.

The following attended the meeting:

- 1 Prof. Dr. Zahid Mahood, Dean, Faculty of Engineering
- Dr. Akhtar Nawaz Khan, Coordinator, Kohat Campus.
   Engr. Muhammad Amir,
- Department of Electrical Engineering.
- 4 Dr. M. Irfan Khattak Department of Electrical Engineering, Bannu Campus
- 5 Dr. Fayaz Ahmad, Coordinator Bannu Campus
- 6 Dr. Laiq Hassan, Chairman, Department of Computer System Engineering.
- 7 Dr. Saeed Gul, Chairman, Department of Chemical Engineering.
- 8 Prof. Dr. Sahar Noor,
  Department of Industrial Engineering.
  9 Arch. Shabir Qureshi,
- Chairman, Department of Architecture
- 10 Arch. Faisal Rehman, Department of Architecture.
- 11 Dr. Najeeb Gul, Director, Centre for Advanced Studies in Energy
- 12√Dr. Khan Muhammad, Department of Mining Engineering.
  13 Dr. Khan Shahzada,
- Department of Civil Engineering.
- 14 Prof. Dr. Iftikhar Hussain, Chairman, Department of Industrial Engineering.
- 15 Prof. Dr. Taj Ali Khan, Chairman, Department of Agricultural Engineering.
- 16 Mr. Nek Muhammad, Director Finance Treasurer.
- 17 Mr. Sami Ullah , Deputy Registrar (Acad Operation)
- 18 Mr. Bakhshish Khan, Deputy Director P&D
- 19 Mr. Momin Shah, Planning Officer P&D
- 20 Mr. Arshad Ali, Planning & Research Assistant, P&D

The following did not attend the meeting

2 | Page

- 1- Mr. Muhammad Sarwar Khan, Advisor Finance & Planning.
- 2- Chairman, Department of Electrical Engineering.
- 3- Chairman, Department of Basic Science & Islamiat
- 4- Chairman, Department of Civil Engineering.
- 5- Chairman, Department of Mechanical Engineering.
- ✓6- Chairman, Department of Mining Engineering.
  - 7- Director, Institute of Mechatronics Engineering.

### 1- PROVISION OF COPIES OF BUSINESS PLAN TO P & D SECTION.

i. All Departments have provided Hard Copies of their Business Plan to the Planning & Development Section except the following:

- a) Department of Electrical Engineering, Kohat Campus
- b) Institute of Mechatronics Engineering.
- c) Department of Electronics Engineering, Abbottabad Campus.

The above Departments are required to forward hard /soft copy of the Business Plan to the P & D Section.

Further, the following departments should also furnish hard / soft copy of the Business Plan to the P & D Section:

- a) Department of Computer Science & I.T
- b) Institute of Mechatronics Engineering.

To prepare a comprehensive Business Plan, the Focal Persons will look into and vet the Business Plan of the Departments to give it a final shape.



(Prof. Dr. Zahid Mahmood) Dean, Faculty of Engineering, UET, Peshawar. e-mail address: khanshahzada@ nwfpuet.edu.pk

Dated: 29/11/2013

# **DEPARTMENT OF CIVIL ENGINEERING** University of Engineering & Technology Peshawar.

# **Chief Proctor**

No 151 /CE

- 1. All Heads of Teaching Departments, UET, Peshawar
- 2. The Coordinators Satellite Campuses UET, Peshawar
- 3. Dr Wajeeha Khalil, Department of CS & IT.
- 4. Dr. Muhammad Fahad, Department of Civil Engineering

5. Dr. Salman Saeed, Department of Civil Engineering

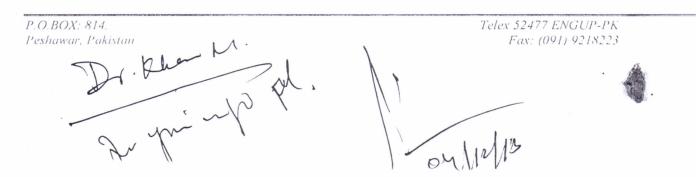
- 6. Dr. Nasir Ahmad, Department of Computer System Engineering
- 7. Dr. Muhammad Sadiq, Department of Mechanical Engineering
- 8. Dr. Ibrar Ali Shah (Mardan Campus)
- 9. Engr. Imran Khan Swati, Department of Chemical Engineering
- 10. Engr. Sajjad Ali (Mardan Campus)
- 11. Engr. Arsalan Khan, Department of Civil Engineering
- 12. Mr. Iqbal Uddin, Department of Basic Sciences
- 13. Engr. Zubair Ahmad Khan, Institute of Mechatronics Engineering
- 14. Engr. Sardar Muhammad Asghar, Works Department
- 15. Dr. Shahzad Khattak, Department of Agricultural Engineering
- 16. Engr. Fazli Yazdan, Department of Mechanical Engineering
- 17. Dr. Khan Muhammad, Department of Mining Engineering
- 18. Engr. Naveed Ul Hassan, Department of Chemical Engineering
- 19. Engr. Khurram Shiraz, Department of Agricultural Engineering
- 20. Miss Maria Tajik, Department of Basic Sciences
- 21. Engr. Asif Ali, Department of Computer System Engineering
- 22. Engr. Haleema Attaullah, Department of Civil Engineering



# Subject: Minutes of the 1st meeting of the Reception and Guidance Committee for Students

# Dear Sir,

Enclosed please find herewith a copy of the minutes of 1st meeting of the reception and guidance committee



1



# BOARD OF ADVANCED STUDIES AND RESEARCH UNIVERSITY OF ENGINEERING AND TECHNOLOGY,

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

Secretary

No2.3.9.../BOASAR/UET

Dated. 10.4.2013.

# NOTIFICATION

In pursuance of the decision of the Syndicate made in its 30<sup>th</sup> meeting held on 20.12.1992, Postgraduate Prospectus 2012-13 clause 1.3 and in continuation of this Office notification No. 136/BOASAR/UET dated. 20.4.2012, 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 15.3.2013.

ROF. DR.SAHAR NOOR SECRETARY BOASAR

No. 5094-6004F.36-E/BOASAR/UET

1. The Chairman, Department of Mining Engineering

- 2. The Director Finance
- 3. The Director Postgraduate Studies
- 4. The Director, Campus Management Solution
- 5. The Resident Deputy Director (Audit)

Dr. Khan Muhammad, Postgraduate Advisor, Dept. of Mining Engg.

7. The Superintendent Pay bills, Estt: Section

- 8. P.S to the Vice Chancellor
- 9. P.S to the Dean, Faculty of Engineering
- 10. P.S to the Registrar
- 11. Master file

JUSNO6 above

PROF. DR.SAHAR NOOR SECRETARY BOASAR



# onal University of Sciences & Technology



Islamabad, Pakistan

This is to certify that

International Symposium on has participated in the

"Innovations and Advances in Mineral Resource Exploration, Identification, **Extraction, Processing and Sustainable Mining Practices** "

held on 17<sup>th</sup>-19<sup>th</sup>June 2013 at

National University of Sciences & Technology, School of Civil & Environmental Engineering

H-12 Sector, Islamabad , Pakistan

**Prof Frederick Cawood** University of Witwatersrand, South Africa Head of School of Mining Engineering

Dr. M. Nasrullah Khan School of Civil & Environmental Engineering Principal NUST, Islamabad, Pakistan