



भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ), धनबाद
INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES), DHANBAD
धनबाद / DHANBAD - 826004

अस्थायी प्रमाण-पत्र
PROVISIONAL CERTIFICATE

क्रमांक /No.2018/ **4160**

दिनांक /Dated **14-07-2018**

प्रमाणित किया जाता है कि श्री/श्रीमती/कु0 This is to certify that Mr./Mrs./Ms.

SHOKRULLAH HAQSHANAS

प्रवेश संख्या /Admission No..... **2013BE0043** ने इस संस्थान की अंतिम /has passed the final

BACHELOR OF ENGINEERING - MINING ENGINEERING

परीक्षा में उत्तीर्णता प्राप्त की जो / Examination of this Institute held in **APRIL 2018**

में संचालित की गई। उन्होंने / He/She has obtained **6.72** ओ.जी.पी.ए. प्राप्त किया जो अधिकतम 10.00 था

एवं इन्होंने / OGPA out of a maximum of 10.00 and was placed in **SECOND CLASS**

श्रेणी प्राप्त की / Class .

जाँचकर्ता/Checked by

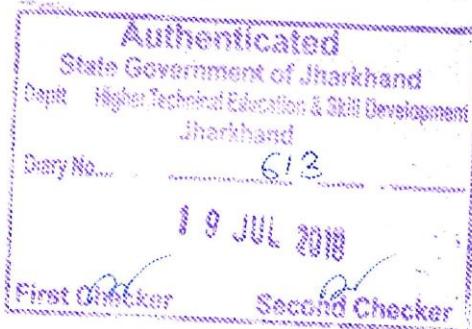
[Signature]



[Signature]
संयुक्त कुलसचिव (परीक्षा एवं शैक्षणिक)
Joint Registrar (Examination & Academic)
Joint Registrar (Exam & Academic)

Indian Institute of Technology

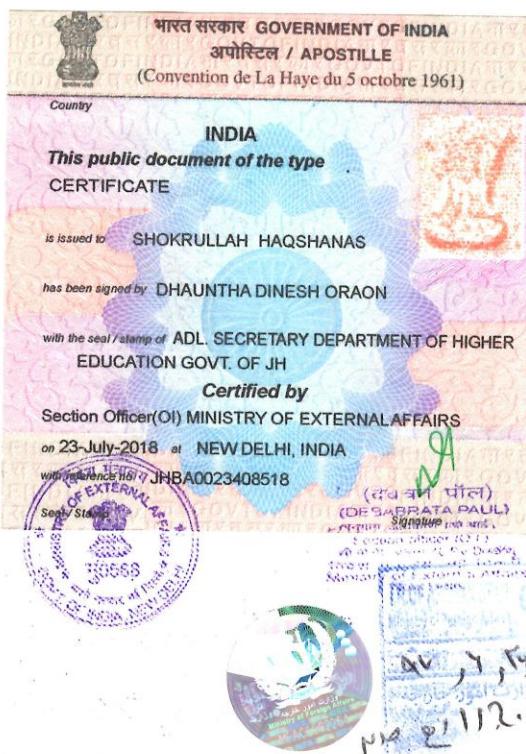
दिग्गी प्राप्त करने के लिए सभी आवृत्तियों को पूरा कर दुका है, यह प्रमाण पत्र अस्थायी रूप से जारी किया जाता है। इसकी भाव्यता खार्ड डिग्गी प्राप्त करने तक की है।
He/She has fulfilled all the requirements for award of degree and this certificate is issued in lieu of degree certificate and valid till the issue of degree certificate.



After that his authentication
work of the Petitioner is undertaken and Technical Education Dept
is made for Higher Institute
is associated in AFGHANISTAN



W.B. 51111 Evans
Car 1-11





भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यालय), धनबाद
INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES), DHANBAD
धनबाद / DHANBAD-826004, भारत / INDIA

समेकित ग्रेड कार्ड / CONSOLIDATED GRADE CARD

IITDHN 2017/ 5577

Name: SHOKRULLAH HAQSHANAS
Admission No: 2013BE0043

1 SEMESTER EXAMINATION		2014-15	MONSOON	CARRY1
SUBJECT	CR. HRS.	CR. PTS.	GRADE	
MATHEMATICS I	7	49	B	
CHEMISTRY	6	42	B	
MANUFACTURING PROCESS	6	48	B+	
ELECTRONICS ENGINEERING	6	30	C	
COMPUTER PROGRAMMING (S)	6	42	B	
DISASTER MANAGEMENT & ENERGY RESOURCES (S)	6	42	B	
ENGLISH FOR SCIENCE & TECHNOLOGY	6	30	C	
CHEMISTRY (P)	1.5	10.5	B	
ELECTRONICS ENGINEERING (P)	1.5	7.5	C	
COMPUTER PROGRAMMING (P)	2	20	A+	
Result: PASS		48	521	GPA: 6.69

3 SEMESTER EXAMINATION		2015-16	MONSOON	REGULAR
SUBJECT	CR. HRS.	CR. PTS.	GRADE	
METHODS OF APPLIED MATHEMATICS - I	7	35	C	
MINERALOGY, PETROLOGY AND STRATIGRAPHY	6	48	B+	
MINERALOGY AND PETROLOGY PRACTICAL	2	18	A	
GANDHIAN STUDIES	6	48	B+	
DRILLING AND BLASTING	6	30	C	
MINE SURVEYING - I	6	48	B+	
INTRODUCTION TO MINING (S)	4	28	B	
MINE SURVEYING - I PRACTICAL	2	16	B+	
MINING EXCURSIONS	4	40	A+	
MINING PROJECT	2	16	B+	
MECHANICAL ENGINEERING - I	7	49	B	
MECHANICAL ENGINEERING - I PRACTICAL	1.5	10.5	B	
Result: PASS		53.5	386.5	GPA: 7.22

5 SEMESTER EXAMINATION		2016-17	MONSOON	REGULAR
SUBJECT	CR. HRS.	CR. PTS.	GRADE	
ROCK MECHANICS	6	30	C	
SURFACE MINING	7	35	C	
UNDERGROUND COAL MINING	6	24	D	
UNDERGROUND METAL MINING	6	42	B	
ROCK MECHANICS PRACTICAL	2	14	B	
MINING EXCURSIONS	4	40	A+	
MINING PROJECTS	4	20	C	
MINE ELECTRICAL ENGINEERING (S)	7	56	B+	
Result: PASS		42	261	GPA: 6.21

7 SEMESTER EXAMINATION		2017-18	SUMMER	REGULAR
SUBJECT	CR. HRS.	CR. PTS.	GRADE	
MINE ENVIRONMENTAL ENGINEERING	7	35	C	
MINE LEGISLATION AND SAFETY - I	7	63	A	
COMPUTER AIDED MINE PLANNING (S)	3	21	B	
MINE ENVIRONMENTAL ENGINEERING PRACTICAL	2	10	C	
MINING EXCURSIONS	4	40	A+	
PROJECT AND SEMINAR	6	35	C+	
ROCK EXCAVATION ENGINEERING	6	42	B	
MINING MACHINERY - II	6	30	C	
Result: PASS		41	277	GPA: 6.76

RESULT: PASS

CUMM_HRS: 393

DATE:13 JUL 2018

VERIFIED



Course: BACHELOR OF ENGINEERING
Branch: MINING ENGINEERING

2 SEMESTER EXAMINATION		2014-15	SUMMER	SPECIAL
SUBJECT	CR. HRS.	CR. PTS.	GRADE	
MATHEMATICS II	7	49	B	
PHYSICS	6	24	D	
ENGINEERING GRAPHICS	6	30	C	
ELECTRICAL TECHNOLOGY	7	35	C	
ENGINEERING MECHANICS	7	56	B+	
EARTH SYSTEM SCIENCE	6	60	A+	
VALUE EDUCATION, HUMAN RIGHTS AND LEGISLATIVE	6	48	B+	
CO-CURRICULAR ACTIVITIES	3	27	A	
PHYSICS (P)	1.5	10.5	B	
ELECTRICAL TECHNOLOGY (P)	1.5	12	B+	
Result: PASS		51	351.5	GPA: 6.89

4 SEMESTER EXAMINATION		2015-16	WINTER	REGULAR
SUBJECT	CR. HRS.	CR. PTS.	GRADE	
NUMERICAL AND STATISTICAL METHODS	7	49	B	
GEOLGY FOR MINING ENGINEERS	7	35	C	
GEOLGY FOR MINING ENGINEERS PRACTICAL	2	16	B+	
ENGLISH FOR PROFESSIONAL COMMUNICATION (S)	6	54	A	
MECHANICAL ENGINEERING -II	7	42	C+	
MECHANICAL ENGINEERING -II PRACTICAL	1.5	10.5	B	
COMPREHENSIVE VIVA-VOCE	4	20	C	
MINE DEVELOPMENT	6	30	C	
MINE SURVEYING - II	7	56	B+	
MINE SURVEYING - II PRACTICAL	2	16	B+	
MINING EXCURSIONS	4	40	A+	
MINING PROJECT	2	8	D	
CO-CURRICULAR ACTIVITIES	3	27	A	
Result: PASS		58.5	403.5	GPA: 6.90

6 SEMESTER EXAMINATION		2016-17	WINTER	REGULAR
SUBJECT	CR. HRS.	CR. PTS.	GRADE	
COMPREHENSIVE VIVA-VOCE	4	20	C	
MINE VENTILATION	7	28	D	
SURFACE MINE PLANNING & DESIGN	7	42	C+	
APPLIED ROCK MECHANICS & NUMERICAL MODELLING	7	42	C+	
MINE VENTILATION PRACTICAL	2	12	C+	
APPLIED ROCK MECHANICS & NUMERICAL MODELLING	2	16	B+	
MINE EXCURSIONS	4	40	A+	
MINING PROJECT	4	28	B	
SURVEY CAMP	6	48	B+	
MINING MACHINERY - I	6	36	C+	
Result: PASS		49	312	GPA: 6.37

8 SEMESTER EXAMINATION		2017-18	WINTER	REGULAR
SUBJECT	CR. HRS.	CR. PTS.	GRADE	
COMPREHENSIVE VIVA-VOCE	4	16	D	
VACATIONAL TRAINING	5	25	C	
MINE SYSTEM ENGINEERING	6	24	D	
ADVANCED UNDERGROUND MINING	7	56	B+	
MINE LEGISLATION & SAFETY - II	6	54	A	
MINING EXCURSIONS	4	40	A+	
PROJECT AND SEMINAR	6	30	C	
MAP PROJECTIONS & GIS	6	30	C	
INDUSTRIAL MANAGEMENT (S)	6	54	A	
Result: PASS		50	329	GPA: 6.58

CUMM_POINTS: 2641.5

OGPA: 6.72

CHECKED

JT.REGISTRAR(EXAM & ACAD)

(कृपया निचला पृष्ठ देखें / PLEASE SEE OVERLEAF)

EXPLANATION AND CALCULATION

Award of Grades

IIT (ISM) follows relative grading system for the students admitted from 2013-14 session. The relative grading is determined as follows:

The score of the topper in class (T) would be subtracted by 35 (i.e. minimum mark to pass) to find the range of marks (R). The range R would be divided by the number of grade admissible for the range to find the range of each grade (Q). If Q is a fractional number, the next higher integer will be considered, else the integral part is considered. If T be the top score, the range for the highest grade is limited by T to (T-Q+1) (inclusively). The range for the immediately lower grade is determined similarly by progressively subtracting Q from the next lower number, i.e. (T-Q) to (T-2Q+1).

For other students, grades are based on range of marks (absolute grade). The performance level, grade points and the grade symbols used are given below:

Grade	Performance Level	Grade Point	Range of marks (For absolute grading)
A+	Outstanding	10	91-100
A	Excellent	9	81-90
B+	Very Good	8	71-80
B	Good	7	61-70
C	Above Average	6	51-60
D	Average	5	41-50
F	Pass	4	35-40
	Fail	0	Below 35

First Checker

Credit Hours Checker

Credit for each subject is calculated giving double weightage to lecture hours, and single weightage to the sessional and practical (For example if a subject has a L.T.P. 3-1-0, its credit hours will be $3 \times 2 + 1 \times 1 + 0 = 7$, or if the subject has L.T.P. of 0-0-2, its credit hours will be $0 \times 1 + 0 \times 1 + 2 \times 1 = 2$). *NOTE: If the subject has L.T.P. of 0-0-0, its credit hours will be 0.*

Grade in each subject is awarded based on performance in sessional as well as the end-semester examination. For calculation of combined grade in a particular subject, 40% weightage is given to sessional and 60% weightage is given to the end-semester. For purely sessional subject, 100% weightage is given to the sessional. For practical subjects, 100% weightage is given to the practical.

GPA

The following formula shall be used for calculating the Grade Point Average (GPA) for a semester:

$$GPA = \frac{TCP}{TCH} = \frac{G_1 C_1 + G_2 C_2 + G_3 C_3 + \dots}{C_1 + C_2 + C_3 + \dots}$$

Where G_1, G_2 etc stand for the grade point in a specified Subject and C_1, C_2 etc. stand for credit hours of the respective subjects.

TCP stands for Total Credit obtained by the student.

TCH stands for Total Credit for the Semester.

GPA stand for Grade Point Average and will be calculated up to 2nd place of decimal.

CGPA/OGPA

The CGPA/OGPA (Cumulative/Overall Grade Point Average) for the whole programme is calculated on the basis of the Credit

obtained and Credit allotted to each semester as indicated below:

$$CGPA/OGPA = \frac{TCP_1 + TCP_2 + TCP_3 + \dots}{TCH_1 + TCH_2 + TCH_3 + \dots}$$

Where TCP_1, TCP_2 , etc. stand for Total Credit for the specified Semester and TCH_1, TCH_2 , etc. stand for Total Credit for the respective semester. Along with GPA of a semester, Cumulative/Overall Grade Point Average (CGPA/OGPA) is also shown in the Grade Card issued to students for Final Semester.

Requirement for Passing etc.

In order to clear a subject, a student must obtain pass marks in the End Semester Examination. For Practical and Purely Sessional Subjects, pass marks shall be 35 out of 100. For passing a semester, a student must pass in all the subjects and secure a GPA of at least 5.00. For passing a course an OGPA of at least 5.00 is required.

The OGPA 5 < 7 OGPA, will be equivalent to pass in Second class. The OGPA 7 < 9 OGPA will be equivalent to pass in First Class. The OGPA 9 > will be equivalent to pass in First Class with Distinction.

Equivalence of GPA/OGPA to percentage

For relative grading, the equivalent percentage of marks will be calculated as: $(CGPA/OGPA \times 0.5) \times 10$ and the minimum required equivalent percentage for the first class is 65% which is equivalent to OGPA of 7.

For absolute grading system based on range of marks, the GPA/OGPA $\times 10$ will be equal to percentage of marks scored.

Medium of Instruction

The medium of instruction at the institute is ENGLISH.

Honours

Honours is an additional credential, a student may earn in the respective discipline. Honours is not indicative of class. On successful accumulation of credits at the end of the programme this will be mentioned in the Degree Certificate.

Minor

Minor is an additional credential a student may earn worth of additional learning in a discipline other than his/her discipline of B.Tech degree. The requirements for a particular minor are met within the prescribed minimum time limit for the course. The grade card for minor subject is issued separately.

Other Abbreviations used

H	Honour Subject
F	Failed in Subject
FT	Failed in Theory
FS	Failed in Sessional
FP	Failed in Practical
AB	Absent in Examination
SP	Special Examination
R	Repeat Examination
NC	Semester Examination Not Cleared
ES	Early Special Examination
UM	Unfairmeans
INC	Incomplete

Embankment of the Islamic Republic of Afghanistan, Kabul, 2018

24/17/2018 (M.A.U/01) 1207

Ministry of Higher Education, Afghanistan

Ministry of Higher Education, Afghanistan