



Centurion
UNIVERSITY

Shaping Lives... Empowering Communities...

**CENTURION UNIVERSITY OF
TECHNOLOGY AND MANAGEMENT, ODISHA**

(Estd. Vide Odisha Act 4 of 2010 & u/s 2 (f) of UGC Act, 1956)

Provisional Certificate

This is to Certify that

SHADAB ALAM

bearing Registration Number

160301190001

Of

School of Engineering and Technology

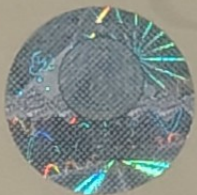
*has successfully completed the prescribed requirements for the
award of*

Bachelor of Technology

in

Mining Engineering

in the year 2019-20



Dated : 3rd August, 2020

Deputy Director
(Examinations)

CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT, ODISHA



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SHADAB ALAM

having fulfilled the academic requirements successfully

during the academic year 2019-20

has this day been admitted by the

Governing Body

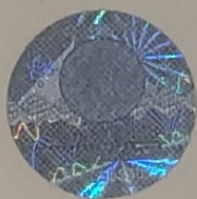
to the Degree of

Bachelor of Technology

in

Mining Engineering

Given under the seal of the University



Vice Chancellor

Dated: 5th October, 2020



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ACADEMIC TRANSCRIPT



Regd. No.: 160301190001

Name: SHADAB ALAM

Batch: 2016-20

Aadhaar No.: 6125 5070 5402

SCHOOL OF ENGINEERING AND TECHNOLOGY

Programme: BACHELOR OF TECHNOLOGY

Branch: MINING ENGINEERING

1st Semester

Sl.No.	Subject Code	Subject Name	Credit	Grade
1	FCBS0102	DIFFERENTIAL EQUATIONS	3	B
2	FCEN0109	ENGINEERING MECHANICS	3	C
3	FCBS0101	ENVIRONMENTAL SCIENCE	3	B
4	FCBS0405	BASIC MECHANICS & PROPERTIES OF MATTER	4	B
5	FCHU0405	FOUNDATIONS OF ENGLISH COMMUNICATION	2	B

Total Credit: 15 SGPA: 6.80
CGPA: 6.80

2nd Semester

Sl.No.	Subject Code	Subject Name	Credit	Grade
1	FCEN0105	BASIC ELECTRICAL ENGINEERING	3	C
2	FCBS0103	LINEAR ALGEBRA & VECTOR CALCULUS	3	B
3	FCEN0111	EARTH SYSTEM SCIENCE	3	B
4	FCEN0112	INTRODUCTION TO MINING	3	B
5	FCEN0401	BASIC FLUID MECHANICS	5	A
6	FCBS0404	ELECTRICITY & MAGNETISM	4	B
7	FCHU0201	COMMUNICATIVE PRACTICE LAB-I	2	E
8	FCEN0206	BASIC ELECTRICAL ENGINEERING LAB.	2	E

Total Credit: 25 SGPA: 7.40
CGPA: 7.17

3rd Semester

Sl.No.	Subject Code	Subject Name	Credit	Grade
1	FCBS0105	COMPLEX ANALYSIS	3	D
2	FCEN0113	MINE DEVELOPMENT	3	E
3	CCMN0103	MINE ENVIRONMENTAL ENGINEERING	3	B
4	FCEN0114	MINE SURVEYING-I	3	C
5	CCMN0104	SURFACE MINING	3	E
6	CCMN0105	UNDERGROUND COAL MINING	3	A
7	FCMG0104	PRODUCTION & OPERATION MANAGEMENT	2	A
8	FCEN0214	MINING SURVEYING	2	O
9	FCHU0202	COMMUNICATIVE PRACTICE LAB-II	2	A

Total Credit: 24 SGPA: 7.66
CGPA: 7.35

4th Semester

Sl.No.	Subject Code	Subject Name	Credit	Grade
1	CCMN0112	DRILLING & BLASTING	3	A
2	CCMN0109	MINE LEGISLATION & SAFETY-I	3	C
3	CCMN0111	MINE SYSTEM ENGINEERING	3	B
4	CCMN0101	MINERALOGY PETROLOGY & STRATIGRAPHY	3	O
5	CCMN0107	MINING MACHINERY-I	3	E
6	CCMN0106	UNDERGROUND METAL MINING	3	B
7	FCHU1211	CREATIVE WRITING	2	E
8	FCMG1201	DISASTER MANAGEMENT	2	E
9	CCMN0201	MINERALOGY PETROLOGY LAB.	2	E

Total Credit: 24 SGPA: 8.12
CGPA: 7.56

5th Semester

Sl.No.	Subject Code	Subject Name	Credit	Grade
1	CCMN0113	ROCK MECHANICS	3	A
2	DEMN0110	MINE SAFETY ENGINEERING	3	B
3	DEMN0115	MINE SURVEYING-II	3	E
4	DEMN0116	MINE VENTILATION	3	A
5	CCMN0203	ROCK MECHANICS LAB.	2	O
6	DEET0801	INTERNSHIP-I	2	E
7	DEMN0201	MINING EXCURSIONS-I	3	E
8	DEMN0203	MINE SURVEYING-II LAB.	2	O
9	DEMN0204	MINE VENTILATION LAB.	2	O
10	FCHU1208	PERSONALITY DEVELOPMENT	2	E

Total Credit: 25 SGPA: 8.76

CGPA: 7.83

6th Semester

Sl.No.	Subject Code	Subject Name	Credit	Grade
1	CCMN0102	GEOLOGY FOR MINING ENGINEERS	3	O
2	CCMN0108	MINING MACHINERY-II	3	A
3	DEMN0101	MINE ELECTRICAL ENGINEERING	3	A
4	DEMN0106	ENVIRONMENTAL ASPECTS OF MINING	2	B
5	DEMN0108	INDUSTRIAL MANAGEMENT	3	A
6	CCMN0202	GEOLOGY FOR MINING ENGINEERS LAB.	2	O
7	DEMN0202	MINING EXCURSIONS-II	3	E
8	FCHU1207	CAREER COMMUNICATION	2	E

Total Credit: 21 SGPA: 8.61

CGPA: 7.95

7th Semester

Sl.No.	Subject Code	Subject Name	Credit	Grade
1	CCMN0110	MINE LEGISLATION & SAFETY-II	3	A
2	DEMN0102	ADVANCED DRILLING & BLASTING	3	B
3	DEMN0103	SURFACE MINE PLANNING & DESIGN	3	E
4	DEMN0114	ADVANCED MINE VENTILATION	3	E
5	DEMN0117	FUEL TECHNOLOGY & MINERAL PROCESSING	3	A
6	DEET0802	INTERNSHIP-II	2	E
7	DEMN0205	FUEL TECHNOLOGY & MINERAL PROCESSING LAB.	2	O
8	FCHU1210	PROFESSIONAL ETIQUETTE	2	O

Total Credit: 21 SGPA: 8.61

CGPA: 8.04

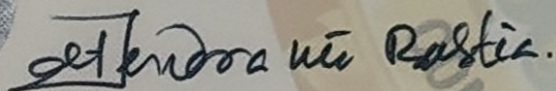
8th Semester

Sl.No.	Subject Code	Subject Name	Credit	Grade
1	DEMN0104	APPLIED ROCK MECHANICS & NUMERICAL MODELLING	3	E
2	DEMN0105	UNDERGROUND MINE PLANNING & MINE ECONOMICS	3	O
3	DEMN0107	ADVANCED UNDERGROUND MINING	3	B
4	DEMN0109	MINERAL ECONOMICS	3	E
5	DEMN0113	OPEN PIT SLOPE ANALYSIS & DESIGN	3	E
6	DEET0300	PROJECT	6	E
7	DEET0800	INTERNSHIP	4	O
8	DEMN0206	SURFACE MINING LAYOUT & DESIGN	2	E

Total Credit: 27 SGPA: 9.03

CGPA: 8.19

Culture, Sports and Responsibility : C



Checked by

Dy. Director (EQA)


 Director (EQA)
Note : 1. O = 10 (≥ 90), E = 9 (80-89), A = 8 (70-79), B = 7 (60-69), C = 6 (50-59), D = 5 (40-49), F = 2 (< 40)

2. Percentage of Marks = CGPA x 10