

Biju Patnaik University of Technology, Odisha

Rourkela

Reg. No.: 2007346023

Sl. No. D11190728987



On recommendation of the Board of Management,

hereby confers the degree of

Master of Technology

in
ENVIRONMENTAL SCIENCE AND ENGINEERING

on
MUKESH BEHERA
of

Adarsha College of Engineering, Angul

on having successfully completed the prescribed requirements

in the academic year 2021-22

Given at Rourkela on this day under the seal of the University.



Date: **13 FEB 2024**



Amrita K. Patra
Vice-Chancellor



PROVISIONAL CERTIFICATE

MUKESH BEHERA

Registration Number : 1721346129

of

ADARSHA COLLEGE OF ENGINEERING, ANGUL

has successfully completed the prescribed requirements
for the award of

Bachelor of Technology

in

MINING ENGINEERING

in the academic year 2019-20

The Medium of Instruction is English.

Date : 18 Aug 2020

Principal
Adarsha College of Engg.
Angul

Director, Examinations



**BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ODISHA
ROURKELA**



PROVISIONAL GRADE SHEET

Regd. No. : **1721346129**
Name : **MUKESH BEHERA**
Course/ Branch : **B.Tech.(MINING ENGINEERING)**
College : **ADARSHA COLLEGE OF ENGINEERING, ANGUL**



Semester: SE 3

| Subject Code | Subjects Registered | Credit | Grade |
|--------------|-------------------------|--------|-------|
| PEK3E001 | ENGINEERING ECONOMICS | 3 | A |
| PMN3I001 | MINE DEVELOPMENT | 4 | A |
| PMN3I101 | MINE SURVEY - I | 4 | E |
| PMN3I102 | FUNDAMENTALS OF GEOLOGY | 4 | E |
| PMN3I103 | MECHANICS OF SOLID | 4 | E |
| PMN3I104 | MINERAL PROCESSING | 4 | A |

Semester: SE 4

| Subject Code | Subjects Registered | Credit | Grade |
|--------------|----------------------------|--------|-------|
| PMA4E001 | APPLIED MATHEMATICS-III | 3 | C |
| PMN4I101 | MINE SURVEYING - II | 4 | A |
| PMN4I102 | FLUID MECHANICS | 4 | E |
| PMN4I103 | MINING GEOLOGY | 4 | O |
| PMN4I104 | MINE MACHINERY | 4 | E |
| PMN4I201 | SKILL PROJECT AND HANDS ON | 3 | O |
| POB4E003 | ORGANIZATIONAL BEHAVIOR | 3 | B |

SGPA(SE3): 8.52

SGPA(SE4): 8.52

Promotional Status: Pass

CGPA(SE4): 8.52

Equivalent Percentage of Mark=(CGPA-0.50)X10

Equivalent Percentage:- 80.20

The Medium of Instruction is English.

Director, Examinations

Date of Publication :18-08-2020

**Principal
Adarsha College of Engg.
Angul**



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Semester: SE 5

| Subject Code | Subjects Registered | Credit | Grade |
|--------------|---------------------------------|--------|-------|
| PMN5H001 | ENVIRONMENTAL ASPECTS OF MINING | 4 | B |
| PMN5I101 | ROCK MECHANICS - I | 4 | E |
| PMN5I102 | SURFACE MINING | 4 | A |
| PMN5I103 | U/G COAL MINING | 4 | B |
| PMN5I201 | ADVANCE LAB - I | 4 | O |
| PMN5J001 | MATERIAL HANDLING SYSTEMS | 4 | B |

Semester: SE 6

| Subject Code | Subjects Registered | Credit | Grade |
|--------------|--|--------|-------|
| PCG6C001 | GREEN TECHNOLOGIES | 4 | C |
| PEN6E101 | BUSINESS COMMUNICATION & SKILL FOR INTERVIEW | 3 | O |
| PMN6H301 | INDUSTRIAL LECTURE # | 1 | O |
| PMN6I101 | U/G METAL MINING | 4 | C |
| PMN6I102 | MINE LEGISLATION AND SAFETY | 4 | B |
| PMN6J001 | MINE CLIMATE AND VENTILATION | 4 | B |
| PMN6J003 | MINE PLANNING AND DESIGN | 4 | A |

SGPA(SE5): 8.00

SGPA(SE6): 7.33

Promotional Status: Pass

CGPA(SE6): 8.09

Equivalent Percentage of Mark=(CGPA-0.50)X10

Equivalent Percentage:- 75.90

The Medium of Instruction is English.

Date of Publication :18-08-2020

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College : ADARSHA COLLEGE OF ENGINEERING, ANGUL



Semester: SE 7

| Subject Code | Subjects Registered | Credit | Grade |
|--------------|---|--------|-------|
| PCP7H009 | INTELLECTUAL PROPERTY RIGHTS (IPR) | 3 | A |
| PCP7H012 | MARKETING MANAGEMENT | 3 | E |
| PMN7J001 | MINE ENVIRONMENTAL ENGINEERING AND RESCUE | 3 | B |
| PMN7J003 | MINERAL ECONOMICS | 3 | E |
| PMN7N201 | SEMINAR | 2 | O |
| PMN7N202 | MINOR PROJECT | 4 | O |

Semester: SE 8

| Subject Code | Subjects Registered | Credit | Grade |
|--------------|------------------------------|--------|-------|
| PCP8H001 | ENTREPRENEURSHIP DEVELOPMENT | 3 | B |
| PMN8J002 | ECO FRIENDLY MINING | 3 | E |
| PMN8N201 | SEMINAR | 2 | O |
| PMN8N202 | MAJOR PROJECT | 7 | O |

SGPA(SE7): 8.83

SGPA(SE8): 9.20

Promotional Status: Pass

CGPA(SE8): 8.33

Equivalent Percentage of Mark=(CGPA-0.50)X10

Equivalent Percentage:- 78.30

The Medium of Instruction is English.

Date of Publication :18-08-2020

Director, Examinations

Principal
Adarsha College of Engg
Angul



MUKESH BEHERA