



# KALAHANDI UNIVERSITY

MANIKYA VIHAR, BHAWANIPATNA, KALAHANDI (ODISHA)

KU/00279

## GRADE SHEET-CUM-PROVISIONAL CERTIFICATE

(Three Year Degree Course Under CBCS)

Name of the Institution : KALAHANDI UNIVERSITY, BHAWANIPATNA

This is to certify that

ISHA PANJWANI

Roll No./Regd. No. 2001MAT006 has passed the BACHELOR OF SCIENCE Examination 2023

with Core

MATHEMATICS

securing the following Grade :

Examination / Papers	Credit	Grade	Letter Grade	Examination / Papers	Credit	Grade	Letter Grade
<b>SEMESTER - I : CREDIT = 22</b>	<b>2020, REGULAR</b>			<b>SEMESTER - II : CREDIT = 22</b>	<b>2021, REGULAR</b>		
CORE-1 : Calculus	06	10	O	CORE-3 : Real Analysis	06	10	O
CORE-2 : Discrete Mathematics	06	10	O	CORE-4 : Differential Equations	06	10	O
<b>Ability Enhancement Compulsory Course</b>				<b>Ability Enhancement Compulsory Course</b>			
AECC-1 : Environmental Studies	04	08	A	AECC-2 : English	04	09	A+
<b>Generic Elective (CHEMISTRY)</b>				<b>Generic Elective (CHEMISTRY)</b>			
GE-1 : Atomic Structure, Bonding, General Organic Chemistry & Aliphatic Hydrocarbons	06	09	A+	GE-2 : Chemical Energetics, Equilibria & Functional Organic Chemistry	06	10	O
<b>SEMESTER - III : CREDIT = 28</b>	<b>2021, REGULAR</b>			<b>SEMESTER - IV : CREDIT = 28</b>	<b>2022, REGULAR</b>		
CORE-5 : Theory of Real Functions	06	10	O	CORE-8 : Numerical Methods and Scientific Computing	06	10	O
CORE-6 : Group Theory-I	06	08	A	CORE-9 : Topology of Metric space	06	08	A
CORE-7 : Partial Differential Equations and Systems of Ordinary Differential Equations	06	07	B+	CORE-10 : Ring Theory	06	07	B+
<b>Skill Enhancement Course</b>				<b>Skill Enhancement Course</b>			
SEC-1 : Quantitative & Logical Thinking	04	10	O	SEC-2 : Communicative English	04	07	B+
<b>Generic Elective (PHYSICS)</b>				<b>Generic Elective (PHYSICS)</b>			
GE-3 : Mechanics and Properties of Matter, Oscillation and Waves, Thermal Physics, Electricity and Magnetism and Electronics	06	07	B+	GE-4 : Optics, Special Theory of Relativity, Atomic Physics, Quantum Mechanics and Nuclear Physics	06	07	B+
<b>SEMESTER - V : CREDIT = 24</b>	<b>2022, REGULAR</b>			<b>SEMESTER - VI : CREDIT = 24</b>	<b>2023, REGULAR</b>		
CORE-11 : Multivariable Calculus	06	09	A+	CORE-13 : Complex Analysis	06	09	A+
CORE-12 : Linear Algebra	06	07	B+	CORE-14 : Group Theory-II	06	08	A
<b>Discipline Specific Elective</b>				<b>Discipline Specific Elective</b>			
DSE-1 : Linear Programming	06	08	A	DSE-3 : Differential Geometry	06	09	A+
DSE-2 : Probability and Statistics	06	07	B+	DSE-4 : Project Work	06	10	O

SEMESTER	I	II	III	IV	V	VI
SGPA	09.36	09.82	08.29	07.86	07.75	09.00

Total Course Credit : 148		
CGPA : 08.62	Grade : A+	% : 81.2

Result : PASS ( FIRST CLASS HONOURS WITH DISTINCTION )

Result published on : 02 / 07 / 2023 No: 972

AADHAR : 450692500660

VERIFYING OFFICER



CONTROLLER OF EXAMINATIONS



**I. GRADING SYSTEM & PASSING CRITERIA IN ANY COURSE COMPONENT**

Percentage of Mark	Grade Points	Letter Grade	Performance
90 - 100	10	'O'	Outstanding
80 - 89	9	'A+'	Excellent
70 - 79	8	'A'	Very Good
60 - 69	7	'B+'	Good
50 - 59	6	'B'	Above Average
45 - 49	5	'C'	Fair
40 - 44	4	'D'	Pass
Below 40	0	'F'	Fail
00	0	'ABS'	Absent
00	0	'M'	Malpractice

**II. CALCULATION OF SGPA & CGPA**

**SEMESTER GRADE POINT AVERAGE (SGPA) (S<sub>n</sub>)** =  $\frac{\text{CREDIT INDEX for each semester}}{\Sigma \text{CREDIT}}$

**CUMULATIVE GRADE POINT AVERAGE (CGPA)** =  $\frac{\text{CREDIT INDEX of all semesters upto 6<sup>th</sup> sem}}{\Sigma \text{CREDIT}}$

CREDIT POINT = credit x grade point for each course item.

CREDIT INDEX =  $\Sigma$ CREDIT POINT of course items in each Semester.

**GRADE POINT AVERAGE** =  $\frac{\text{CREDIT INDEX}}{\Sigma \text{CREDIT}}$

**III. AWARDED DISTINCTION**

**Distinction** is awarded on the basis of the **overall CGPA** (i.e., overall CGPA  $\geq$  5.5 (B) in first attempt).

**IV. CONVERSION OF CGPA IN TERMS OF LETTER GRADE, CLASSIFICATION OF RESULTS AND EQUIVALENT PERCENTAGE OF MARKS.**

CGPA	Letter Grade	Classification for Hons.	Classification for Pass	Percentage Conversion
9.50 – 10.00	'O'	First Class (Honours)	Pass	Percentage of Marks = (CGPA – 0.5) x 10
8.50 – 9.49	'A+'			
7.50 – 8.49	'A'			
6.50 – 7.49	'B+'	Second Class (Honours)		
5.50 – 6.49	'B'			
4.50 – 5.49	'C'			
4.00 – 4.49	'D'	Fail		
Below 4.0	'F'			

**NB : THE MEDIUM OF INSTRUCTION OF THE INSTITUTION IS ENGLISH.**