MCKV INSTITUTE OF ENGINEERING

243, G.T. ROAD (NORTH) LILUAH, HOWRAH-711204, WEST BENGAL, INDIA

(An Autonomous Institution Affiliated to Maulana Abul Kalam Azad University of Technology)

PROVISIONAL GRADE CARD

For the : SECOND YEAR SECOND SEMESTER B.TECH. IN COMPUTER SCIENCE AND ENGINEERING EXAMINATION OF 2024-2025	
NAME : SOUVIK SAMANTA	ROLL NO. : 11600223115
REGISTRATION NO : 231160110118 OF 2023-2024	

Subject Code	Subjects Offered	Letter Grade	Points	Credit	Credit Points
BS-M404	Numerical Methods	O	10	2	20
PC-CS401	Computer Organization	O	10	3	30
PC-CS402	Operating System	O	10	3	30
PC-CS403	Design and Analysis of Algorithm	E	9	3	27
PC-CS404	Discrete Mathematics	O	10	3	30
BS-M494	Numerical Methods Lab	O	10	1	10
PC-CS491	Computer Organization Lab	O	10	1.5	15
PC-CS492	Operating System Lab	O	10	1.5	15
PC-CS493	Design and Analysis of Algorithm Lab	O	10	1.5	15
*- MC472	Constitution of India	O	10	0	0
			Total	**19.5**	**192**

SGPA SEM3   : 9.29
SGPA SEM4   : 9.85
YGPA 2   : 9.56
*- Audit Course.
Semester Result : P

Please report of any discrepancy to college within 7 days.

Controller of Examination

Howrah
16-07-2025

In our B.Tech, B.E. Under Graduate Degree Courses and Post graduate Degree Courses, the grade point average is awarded in each semester, in each year and in final Degree.

1. The table below shows the Letter Grades and their corresponding classification and percentage points

Classification	Letter Grade	Score on 100 Percentage Points	Points
Outstanding	O	100 to 90	10
Excellent	E	89 to 80	9
Very Good	A	79 to 70	8
Good	B	69 to 60	7
Fair	C	59 to 50	6
Below Average	D	49 to 40	5
Failed	F	Below 40	2
Incomplete	I	---	2

2. The method of calculation of Grade Point Average is as follows

SGPA (Semester Grade Point Average) $= \dfrac{\text{Credit Index}}{\Sigma\ \text{Credits}}$

YGPA (Yearly Grade Point Average) $= \dfrac{\text{Credit Index Odd Semester + Credit Index Even Semester}}{\Sigma\ \text{Credits Odd Semester} + \Sigma\ \text{Credits Even Semester}}$

3. For final Degree Grade Point average, the calculation is as under

DGPA (Degree Grade Point Average) $= \dfrac{\text{YGPA 1 + YGPA2 + 1.5* YGPA3 + 1.5* YGPA4}}{5}$
(4 years Degree Course Pass Out General students)

DGPA (Degree Grade Point Average) $= \dfrac{\text{YGPA2 + 1.5* YGPA3 + 1.5* YGPA4}}{4}$
(For Pass out Lateral Entry Student)

DGPA (Degree Grade Point Average) $= \dfrac{\text{YGPA 1 + YGPA2 + YGPA3}}{3}$
(3 Years Degree Course Pass Out Student)

DGPA (Degree Grade Point Average) $= \dfrac{\text{YGPA 1 + YGPA2}}{2}$
(2 Years Degree Course Pass Out Student)

DGPA (Degree Grade Point Average) $=$ YGPA 1
(I Year Degree Course Pass Out Studen)

4. CUMULATIVE GRADE POINT AVERAGE (CGPA)

$$CGPA = \dfrac{\sum_{k=1}^{k=n} \text{Credit Index of } k^{th}\ \text{Semester}}{\sum_{k=1}^{k=n} \text{Credit of } k^{th}\ \text{Semester}}$$

Where
n = 4 for 2 Years Programme
n = 6 for 3 Years Programme
n = 8 for 4 Years Programme
n = 10 for 5 Years Programme

5. No Class / Percentage is awarded

X	**: Ineligible for Promotion**
XP	**: Eligible for Promotion with Backlogs**
P	**: Passed and Promoted**