جامعة عالية
Aliah University

(A State University established by an Act XXVII of 2007 of the West Bengal Legislature)

Office of the Controller of Examinations

TRANSCRIPT

Ref. EX/TRNS/AU/2023/026

Date : 16.10.2023

Official Transcript of Academic Records

Bachelor of Technology in Computer Science and Engineering

Name: **Sahil Sartaj**	Roll No. CSE174021 Year of Admission: 2017
Department: **Computer Science and Engineering**	Registration No. 0475 of 2017-2018 Year of Passing: 2021

Course Code	Course Title	Course Type	M(%)	C	G	Course Code	Course Title	Course Type	M(%)	C	G
	Semester- I						**Semester- II**				
ME101	Engineering Mechanics	Core	55	4	B+	CSE102	Introduction to Computing	Core	62	4	B+
ECE101	Basic Electrical & Electronics-I	Core	68	4	A	EE102	Basic Electrical & Electronics- II	Core	65	4	A
MA133	Mathematics-I	Core	38	4	C	MA134	Engineering Mathematics-II	Core	61	4	B+
PH151	Engineering Physics	Core	49	4	B	CH152	Engineering Chemistry	Core	53	4	B
CE191	Engineering Drawing	Core	69	4	A	CSE192	Computing Lab	Core	91	2	Ex
ECE191	Basic Electrical & Electronics Lab-I	Core	70	2	A	EE192	Basic Electrical & Electronics Lab- II	Core	70	2	A
PH161	Engineering Physics Lab	Core	70	2	A	ME192	Basic Workshop Practice	Core	88	2	Ex
AI131	Elementary Arabic & Islamic Studies	Compulsory	60	4	B+	CH162	Engineering Chemistry Lab	Core	88	2	Ex
						EN132	Common English	Compulsory	66	4	A
SGPA : 6.50					**CGPA : 6.50**	**SGPA : 7.33**					**CGPA : 6.92**
	Semester- III						**Semester- IV**				
CSE201	Data Structures & Algorithms	Core	78	3	A+	CSE202	Formal Language & Automata Theory	Core	78	4	A+
ECE231	Digital Logic	Core	76	3	A+	CSE204	Computer Organization & Architecture	Core	90	3	Ex
ECE233	Electronic Devices & Circuits	Core	90	3	Ex	CSE206	Object Oriented Programming Systems	Core	85	3	Ex
EE231	Circuit Theory & Networks	Core	72	3	A	ECE238	Communication Systems	Core	81	4	A+
MA237	Discrete Mathematics	Core	95	3	O	MA238	Probability & Statistics	Core	93	4	Ex
CSE291	Data Structure Lab	Core	91	2	O	CSE292	Algorithms Lab	Core	87	2	Ex
ECE293	Electronic Devices & Circuits Lab	Core	78	2	A+	CSE294	Computer Hardware Design Lab	Core	90	2	Ex
ECE295	Digital Logic Lab	Core	85	2	Ex	CSE296	Object Oriented Programming System Lab	Core	95	2	O
EE291	Signals & Networks Lab	Core	85	2	Ex	ECE298	Communication Engineering Lab	Core	80	2	Ex
						HN292	English for Technical Writing & Presentation	Core	63	1	B+
						ES232	Environmental Studies	Compulsory	67	4	A
SGPA : 9.00					**CGPA : 7.59**	**SGPA : 9.06**					**CGPA : 7.99**
	Semester- V						**Semester- VI**				
CSE301	Operating System	Core	89	3	Ex	CSE302	Computer Networks	Core	67	3	A
CSE303	Database Management System	Core	95	3	O	CSE304	Compiler Design	Core	91	3	Ex
CSE305	Software Engineering	Core	90	3	Ex	CSE306	Computer Graphics	Core	90	3	Ex
ECE331	Microprocessors and Microcontrollers	Core	89	3	Ex	CSE308	Artificial Intelligence and Soft Computing	Core	52	3	B
MA331	Numerical Methods and Optimization Techniques	Core	97	3	O	CSE310	Design and Analysis of Algorithms	Core	89	3	Ex
MA333	Graph Theory	Core	69	4	A	CSE312(D)	Elective-I (Theory of Computation)	Core	92	3	Ex
CSE391	Operating System Lab	Core	91	2	Ex	CSE392	Computer Networks Lab	Core	85	2	Ex
CSE393	Database Management Lab	Core	95	2	O	CSE394	Compiler Design Lab	Core	97	2	O
ECE391	Microprocessor Lab	Core	95	2	O	CSE396	Computer Graphics Lab	Core	86	2	Ex
MA391	Numerical Analysis Lab	Core	90	2	Ex	CSE398	Artificial Intelligence and Soft Computing Lab	Core	65	2	A
EN381	Group Discussion	Core	65	1	A	CSE382	Seminar	Core	95	1	O
SGPA : 9.32					**CGPA : 8.29**	**SGPA : 8.74**					**CGPA : 8.37**
	Semester- VII						**Semester- VIII**				
CSE401	High Performance Computer Architecture	Core	85	3	Ex	CSE402	Network Security	Core	76	3	A+
CSE403C	Elective-II (Pattern Recognition and Image Processing)	Core	81	3	A+	CSE404N	Elective-IV (Grid and Cloud Computing)	Core	85	3	Ex
CSE405A	Elective-III (Data Warehousing and Data Mining)	Core	73	3	A	CSE406E	Elective-V (CAD for VLSI)	Core	92	3	Ex
MS431	Management in Industry	Core	70	3	A	CSE492	Network Security Lab	Core	85	2	Ex
CSE491	System Administration Lab	Core	86	2	Ex	CSE494	Comprehensive Viva-Voce	Core	92	2	Ex
CSE493C	Elective-II Lab (Pattern Recognition and Image Processing Lab)	Core	90	2	Ex	CSE482	Project-II	Core	92	7	Ex
CSE481	Project-I	Core	90	2	Ex						
CSE483	Practical Training	Core	90	1	Ex						
EN491	Soft Skills	Core	86	1	Ex						
SGPA : 8.75					**CGPA : 8.41**	**SGPA : 9.35**					**CGPA : 8.51**

Total Credits Taken	Total Credits Cleared	CGPA	Overall % of Marks
193	193	8.51	79.3

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Checked & Verified

Controller of Examinations

See overleaf

System of Evaluation

1. <u>Letter Grade and Grade Point:</u>
   Letter Grade system and equivalent Percentage of Marks followed by the University in assessing student's performance in a Course is as follows:

Performance	Letter Grade	Numerical value	% of marks
Outstanding	O	10	95-100
Excellent	Ex	9.5	85-94
Very Good	A$^+$	8.5	75-84
Good	A	7.5	65-74
Fair	B$^+$	6.5	55-64
Average	B	5.5	45-54
Qualified	C	4.5	35-44
Fail	F	0	0-34

2. <u>SGPA (Semester Grade Point Average) & CGPA (Cumulative Grade Point Average):</u>
   i. SGPA, the performance of a student in a Semester, is the weighted average of grade points obtained in all courses taken in a Semester. It is calculated up to two decimal places on the basis of final grades as:

$$SGPA = \frac{\sum c_i g_i}{\sum c_i}$$

   ii. An up-to-date assessment from the time a student entered the University is obtained by calculating CGPA in the same manner as SGPA.

   iii. CGPA of 6.5 and above may be considered as First Class.

3. <u>For 5 - year Integrated M.A./M.Sc./MBA/MCA Programme:</u>
   i. Result up to first six Semesters is equivalent to the Bachelor degree with Honours. A student has the option to exit after completion of first six Semesters for the award of Bachelor degree with Honours.

   ii. Percentage of Marks for Honours is computed from marks obtained in Courses offered under that particular programme.

   iii. Result of the last four Semesters is equivalent to Master degree.

4. Compulsory Courses are not counted in calculation of SGPA, CGPA, and Percentage of Marks w.e.f. Session 2014-15 but students have to obtain pass marks individually.

5. Medium of instruction is English except Languages and Islamic Theology.

6. Abbreviations used: FM - Full Marks, MO - Marks Obtained, M - Marks, C - Credit, G - Grade.

Prepared by: Checked by: