TRANSCRIPT

This is to certify that **Ms. Nainani Chetna Ajay Manisha** was a bonafide student of this college from the academic year 2016-2017 to 2018-2019. She was admitted directly to Second Year Engg. (i.e. Sem.III) on the basis of passing Diploma Course and has passed **Bachelor of Technology (Information Technology)** Degree examination of the UNIVERSITY OF MUMBAI (Credit Based Grade System), held in **May 2019** with CGPI of **8.57**.

Details of the Course are as under:

Medium of Instruction :English, Duration of Course : 04 years, Duration of Lect./Pract. : 01 hr.

SEMESTER-III   SECOND YEAR (2016-2017) (December 2016)   SEAT NO.31624008

Course Code	Course Title	Course Credits	Credit Earned (C)	Grade Points (G)	C X G
UITC301	Applied Mathematics - III	3	3	8	24
		1	1	7	7
UITC302	Database Management System	3	3	9	27
UITC303	Data Structure	3	3	8	24
UITC304	Digital Logic Design And Applications	3	3	9	27
UITC305	Theory Of Computers	3	3	9	27
		1	1	9	9
UITL301	Database Management System Laboratory	1	1	9	9
UITL302	Data Structure Laboratory	1	1	9	9
UITL303	Digital Logic Design And Applications Laboratory	1	1	9	9
UITL304	Programming Laboratory – I	3	3	9	27
	TOTAL	**23**	**23**		**199**

Audit Course Successfully Completed: - BASICS OF MATHEMATICS (USHA308)

SGPI : 8.65

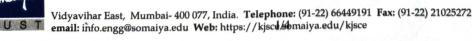### SEMESTER-IV   (May 2017)   SEAT NO. 41624008

Course Code	Course Title	Course Credits	Credit Earned (C)	Grade Points (G)	C X G
UITC401	Applied Mathematics - IV	3	3	9	27
		1	1	9	9
UITC402	Data Communication And Networking	3	3	7	21
UITC403	Analysis Of Algorithms	3	3	9	27
		1	1	9	9
UITC404	Computer Organization & Architecture	3	3	10	30
		1	1	9	9
UITC405	Web Programming – I	3	3	10	30
UITC406	Professional Communication Skills	2	2	9	18
UITL401	Data Communication And Networking Lab.	1	1	9	9
UITL402	Web Programming – I Laboratory	1	1	10	10
UITL403	Programming Laboratory – II	2	2	9	18
	TOTAL	**24**	**24**		**217**

Audit Course Successfully Completed :- BASICS OF WEB PROGRAMMING (UITA402)

SGPI: 9.04   **YPI : 8.85**

/ **Nainani Chetna Ajay Manisha**

SEMESTER-V	THIRD YEAR (2017-2018) (December 2017)				SEAT NO.51624008	
Course Code	Course Title	Course Credits	Credit Earned (C)	Grade Points (G)	C X G	
UITC501	Information Theory And Coding	3	3	9	27	
UITC502	Object Oriented Software Engineering	3	3	7	21	
UITC503	Advanced Databases	3	3	7	21	
UITC504	Computer Graphics	3	3	7	21	
UITC505	Operating Systems	3	3	7	21	
UITL 501	Operating Systems Laboratory	1	1	9	9	
UITL 502	Object Oriented Software Engineering Laboratory	1	1	9	9	
UITL 503	Advanced Databases Laboratory	1	1	10	10	
UITL 504	Computer Graphics Laboratory	1	1	10	10	
UITL 505	Web Programming – II Laboratory	3	3	10	30	
	TOTAL	**22**	**22**	**--**	**179**	

Audit Course Successfully Completed: - GERMAN (USHA515)

SGPI : 8.14

SEMESTER-VI	(May 2018)				SEAT NO.61624008	
Course Code	Course Title	Course Credits	Credit Earned (C)	Grade Points (G)	C X G	
UITC601	Information And Network Security	3	3	6	18	
UITC602	Microcontroller & Embedded Systems	3	3	8	24	
UITC603	Data Mining	3	3	8	24	
UITC604	Development Frame Works	3	3	9	27	
UITE605	Mobile Programming	3	3	10	30	
UITI603	Cyber Security Awareness	3	3	10	30	
UITL601	Information And Network Security Laboratory	1	1	8	8	
UITL602	Microcontroller & Embedded Systems Laboratory	1	1	9	9	
UITL603	Data Mining Laboratory	1	1	9	9	
UITL604	Development Frame Works Laboratory	1	1	10	10	
UITEL605	Mobile Programming Laboratory	1	1	9	9	
	TOTAL	**23**	**23**		**198**	

SGPI : 8.61   **YPI : 8.38**

/ **Nainani Chetna Ajay Manisha**

SEMESTER-VII	FINAL YEAR (2018-19) (December 2018)				SEAT NO.71624008
Course Code	Course Title	Course Credits	Credit Earned (C)	Grade Points (G)	C X G
UITC701	Software Testing And Quality Assurance	3	3	8	24
UITC702	Artificial Intelligence	3	3	7	21
UITC703	Modeling And Simulation	3	3	5	15
UITC704	Big Data Analytics	3	3	8	24
UITE705	Usability Engineering	3	3	9	27
UITL701	Software Testing And Quality Assurance Laboratory	1	1	10	10
UITL702	Artificial Intelligence Laboratory	1	1	9	9
UITL703	Modeling And Simulation Laboratory	1	1	9	9
UITL704	Big Data Analytics Laboratory	1	1	9	9
UITL709	Usability Engineering Laboratory	1	1	9	9
UITP701	Project- A	4	4	8	32
	TOTAL	24	24	--	189

SGPI : 7.88

SEMESTER-VIII	(May 2019)				SEAT NO.81624008
Course Code	Course Title	Course Credits	Credit Earned (C)	Grade Points (G)	C X G
UITC801	Software Project Management	3	3	9	27
UITC802	Cloud Computing	3	3	9	27
UITC803	Soft Computing	3	3	7	21
UITE804	Internet of Things	3	3	9	27
UITL801	Software Project Management Laboratory	1	1	10	10
UITL802	Cloud Computing Laboratory	1	1	9	9
UITL803	Soft Computing Laboratory	1	1	8	8
UITL807	Internet of Things Laboratory	1	1	9	9
UITP801	Project- B	8	8	10	80
	TOTAL	24	24	--	218

SGPI : 9.08   YPI : 8.48

Cumulative Grade Performance Index (CGPI): 8.57

Dean – Academic Program,
K.J.Somaiya College of Engineering,
Vidyavihar, Mumbai 400 077,
INDIA.

Kss/abk

Upon recommendations of University Grant Commission (UGC), the State Government and University of Mumbai has conferred Autonomous Status to college from Academic year 2014-15, whereby the College will award Degree on behalf of University of Mumbai.

UG grade table as per as per University of Mumbai absolute Credit Based Grading System (CBGS) up to and prior to the academic year 2013-14 is as given below

Percentage of Marks Obtained	Letter Grade	Grade Points	Performance
80.00 and above	O	10	Outstanding
75.00 – 79.99	A	9	Excellent
70.00 – 74.99	B	8	Very Good
60.00 – 69.99	C	7	Good
50.00 – 59.99	D	6	Fair
45.00 – 49.99	E	5	Average
40.00 – 44.99	P	4	Pass
Less than 40.00	F	0	Fail

From the academic year 2014-15 UG grade table has been revised as per Autonomous KJSCE absolute Credit Based Grading System (CBGS)

Letter Grade	Range Of %Marks Obtained	Grade Point
AP (OUTSTANDING)	95-100	10
AA	85-94.99	10
AB	75-84.99	9
BB	70-74.99	8
BC	60-69.99	7
CC	50-59.99	6
CD	45-49.99	5
DD	40-44.99	4
FF	<40	0
XX	ABSENT	

Semester Grade Performance Index (SGPI) for one semester

$$SGPI = \frac{\sum_{i=1}^{n} C_i x G_i}{\sum_{i=1}^{n} C_i}$$

C_i = Credit assigned to i^{th} course and G_i = Grade Points earned for i^{th} course of semester

Yearly Performance Index (YPI) for academic year

$$YPI = \frac{(C_j \times G_j) \text{of odd semester} + (C_j \times G_j) \text{of even semester}}{(C_j) \text{of odd semester} + (C_j) \text{of even semester}}$$

C_j = Credit assigned to j^{th} semester and G_j = Grade Points earned for j^{th} semester

Cumulative Grade Performance Index (CGPI) for semesters taken together

For those admitted to first year (FE) prior to July 2014

$$CGPI = \frac{\sum_{j=1}^{m} C_j x G_j}{\sum_{j=1}^{m} C_j}$$

C_j = Credit assigned to j^{th} semester and G_j = Grade Points earned for j^{th} semester

Cumulative Grade Performance Index (CGPI) for semesters taken together

For those admitted to first year (FY B. Tech) in July 2014 and onward

$$CGPI = \frac{\sum_{j=1}^{m} C_j x G_j}{\sum_{j=1}^{m} C_j}$$

C_j = Credit assigned to j^{th} semester and G_j = Grade Points earned for j^{th} semester

Conversion from SGPI/YPI/CGPI to % marks

For those admitted to first year (FE) prior to July 2014

% Marks = (SGPI or YPI or CGPI – 0.75) x 10

Conversion from SGPI/YPI/CGPI to % marks

For those admitted to first year (FY B. Tech) in July 2014 and onward

% Marks = (SGPI or YPI or CGPI x7.4) +16