



# Somaiya Vidyavihar

**K J Somaiya College of Engineering**  
(A Self-financed Autonomous College Affiliated to University of Mumbai)

Ref: KJSCE/TS4764/2019-20

Date: 24.07.2019

## TRANSCRIPT

This is to certify that **Mr. Vora Shranik Piyush Nimisha** was a bonafide student of this college from the academic year 2015-16 to 2018-19. He has passed Bachelor of Technology (Information Technology) degree examination of the UNIVERSITY OF MUMBAI (Credit Based Grade System), held in May-2019 with a CGPI of 8.6.

Details of the Course are as under:

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

SEMESTER-I		FIRST YEAR (2015-2016)		SEAT NO .11514060	
		(December 2015)			
COURSE CODE	COURSE TITLE	Course Credits	Credit Earned (C)	Grade Points (G)	C X G
USHC101	Applied Mathematics - I	4	4	10	40
		1	1	10	10
USHC102	Applied Physics - I	3	3	9	27
USHC103	Applied Chemistry - I	3	3	8	24
USHC104	Engineering Graphics	4	4	6	24
USHC105	Basic Electrical & Electronics Engineering	4	4	9	36
USHC106	Communication Skills	3	3	10	30
USHL101	Applied Science I Laboratory	1	1	9	9
USHL102	Engineering Graphics Laboratory	1	1	9	9
USHL103	Basic Electrical & Electronics Engineering Laboratory	1	1	10	10
USHW101	Workshop Practice I	1	1	8	8
TOTAL		26	26	-	227

SGPI : 8.73

SEMESTER-II		(May 2016)		SEAT NO. 21514060	
COURSE CODE	COURSE TITLE	Course Credits	Credit Earned (C)	Grade Points (G)	C X G
USHC201	Applied Mathematics - II	4	4	10	40
		1	1	10	10
USHC202	Applied Physics - II	3	3	9	27
USHC203	Applied Chemistry - II	3	3	9	27
USHC107	Engineering Mechanics	4	4	8	32
USHC108	Fundamentals Of Computer Programming	4	4	8	32
USHC109	Fundamentals Of Computer Programming	3	3	7	21
USHL201	Environmental Studies (E V S)	1	1	9	9
USHL201	Applied Science II Laboratory	1	1	9	9
USHL106	Engineering Mechanics Laboratory	1	1	10	10
USHL106	Fundamentals Of Computer Programming Lab.	1	1	8	8
USHW201	Workshop Practice II	1	1	8	8
TOTAL		26	26	-	225

Exposure Course Successfully Completed :- SPORTS (USHX155)

SGPI : 8.65

YPI : 8.69



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**Vora Shranik Piyush Nimisha**

SEMESTER-III		SECOND YEAR (2016-2017)		SEAT NO.31514060	
		(December 2016)			
COURSE CODE	COURSE TITLE	Course Credits	Credit Earned (C)	Grade Points (G)	C X G
UITC301	Applied Mathematics - III	3	3	9	27
		1	1	7	7
UITC302	Database Management System	3	3	9	27
UITC303	Data Structure	3	3	7	21
UITC304	Digital Logic Design And Applications	3	3	9	27
UITC305	Theory Of Computers	3	3	8	24
		1	1	9	9
UITL301	Database Management System Laboratory	1	1	9	9
UITL302	Data Structure Laboratory	1	1	10	10
UITL303	Digital Logic Design And Applications Laboratory	1	1	9	9
UITL304	Programming Laboratory – I	3	3	9	27
TOTAL		23	23	--	197

**Audit Course Successfully Completed :- VECTOR MECHANICS (UMEA301)**

**SGPI : 8.57**

SEMESTER-IV		(May 2017)		SEAT NO. 41514060	
COURSE CODE	COURSE TITLE	Course Credits	Credit Earned (C)	Grade Points (G)	C X G
UITC401	Applied Mathematics - IV	3	3	8	24
		1	1	8	8
UITC402	Data Communication And Networking	3	3	7	21
UITC403	Analysis Of Algorithms	3	3	7	21
		1	1	9	9
UITC404	Computer Organization & Architecture	3	3	9	27
		1	1	9	9
UITC405	Web Programming – I	3	3	9	27
UITC406	Professional Communication Skills	2	2	9	18
UITL401	Data Communication And Networking Laboratory	1	1	8	8
UITL402	Web Programming – I Laboratory	1	1	8	8
UITL403	Programming Laboratory – II	2	2	9	18
TOTAL		24	24	--	198

**Audit Course Successfully Completed :- THE FUTURE OF INTERNET (UITA401)**



**SGPI : 8.25**

**YPI : 8.4**





Vora Shranik Piyush Nimisha

SEMESTER-V		THIRD YEAR (2017-2018) (December 2017)		SEAT NO.51514060	
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	8	24
UITC504	Computer Graphics	3	3	10	30
UITC505	Operating Systems	3	3	9	27
UITL 501	Operating Systems Laboratory	1	1	8	8
UITL 502	Object Oriented Software Engineering Lab	1	1	10	10
UITL 503	Advanced Databases Laboratory	1	1	9	9
UITL 504	Computer Graphics Laboratory	1	1	7	7
UITL 505	Web Programming – II Laboratory	3	3	9	27
TOTAL		22	22	—	190

Audit Course Successfully Completed :- SMART SKILLS FOR ENGINEERS (UEXA502)

SGPI : 8.64

SEMESTER-VI		(May 2018)		SEAT NO.61514060	
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	9	27
UITC603	Data Mining	3	3	9	27
UITC604	Development Frame Works	3	3	9	27
UITE602	E-commerce And E-business	3	3	8	24
UITI607	Business Analytics	3	3	7	21
UITL601	Information And Network Security Lab.	1	1	8	8
UITL602	Microcontroller & Embedded Systems Laboratory	1	1	9	9
UITL603	Data Mining Laboratory	1	1	10	10
UITL604	Development Frame Works Laboratory	1	1	10	10
UITEL602	E-commerce And E-business Laboratory	1	1	8	8
TOTAL		23	23	—	189

SGPI : 8.22

YPI : 8.42







Vora Shranik Piyush Nimisha

SEMESTER-VII		FINAL YEAR (2018-2019)		SEAT NO. 71514060	
		(December 2018)			
Course Code	Course Title	Course Credits	Credit Earned (C)	Grade Points (G)	C X G
UITC701	Software Testing And Quality Assurance	3	3	9	27
UITC702	Artificial Intelligence	3	3	7	21
UITC703	Modeling And Simulation	3	3	7	21
UITC704	Big Data Analytics	3	3	8	24
UITE703	Search Engine Optimization	3	3	10	30
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	10	10
UITL704	Big Data Analytics Laboratory	1	1	9	9
UITL707	Search Engine Optimization Laboratory	1	1	9	9
UITP701	Project- A	4	4	7	28
TOTAL		24	24	--	198

SGPI : 8.25

SEMESTER-VIII		(May 2019)		SEAT NO. 81514060	
Course Code	Course Title	Course Credits	Credit Earned (C)	Grade Points (G)	C X G
UITC801	Software Project Management	3	3	10	30
UITC802	Cloud Computing	3	3	9	27
UITC803	Soft Computing	3	3	9	27
UITE801	Digital Marketing	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
UITL804	Digital Marketing Laboratory	1	1	9	9
UITP801	Project- B	8	8	10	80
TOTAL		24	24	--	227

SGPI : 9.46

YPI : 8.85

Cumulative Grade Performance Index (CGPI): 8.6



*[Signature]*  
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Kan/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

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

$C_i$  = 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

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

$C_j$  = 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

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

$C_j$  = 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

$$\% \text{ Marks} = (SGPI \text{ or } YPI \text{ or } CGPI - 0.75) \times 10$$

Conversion from SGPI/YPI/CGPI to % marks

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

$$\% \text{ Marks} = (SGPI \text{ or } YPI \text{ or } CGPI \times 7.4) + 16$$

