

- Affiliated to University of Mumbai.
- Recognized by All India Council for Technical Education (AICTE), Government of India.
- Approved and Awarded 'A' Grade by the Directorate of Technical Education, Government of Maharashtra State



OFFICIAL TRANSCRIPT

BACHELOR OF ENGINEERING – UNIVERSITY OF MUMBAI

(Four-Year Program)

IN

INFORMATION TECHNOLOGY

B.E. EXAMINATION

MANIAR SARJAK ATUL MANISHA

Some guidelines that may help you in evaluating the transcripts:

1. The medium of instruction for all courses is ENGLISH
2. Periods are of one hour duration each.
3. The course work is prescribed by the University of Mumbai.
4. All examination papers are set and marks are awarded by the University of Mumbai.
5. + Sign indicates marks carried over.
6. #O.229, @O.5042/O.5043 & *0.5045 indicates University Ordinance to award grace marks to enable the student to pass / to get a class.
7. Letter grades and their equivalent grade point applicable for Engineering (Under Graduate)

Percentage of Marks Obtained	Letter Grade	Grade Point	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

Checked by Registrar, TSEC



PRINCIPAL
Thadomal Shahani Engineering College
P. G. Khar Marg, T. P. S. III.
Bandra (W), Mumbai- 400 050

FIRST YEAR ENGINEERING

SEMESTER I

Examination Seat No. 6014835 Passed in November 2018 Examination

COURSE CODE	SUBJECTS	COURSE CREDITS	GRADE			CREDIT EARNED (C)	GRADE POINT (G)	C X G
			ESE/PR/OR	IA / TW	OVERALL			
FEC101	APPLIED MATHEMATICS - I	4	O	O	O	4	10	40
		1	--	O	O	1	10	10
FEC102	APPLIED PHYSICS - I	3	A	O	O	3	10	30
		0.5	--	O	O	0.5	10	5
FEC103	APPLIED CHEMISTRY - I	3	D	C	D	3	6	18
		0.5	--	O	O	0.5	10	5
FEC104	ENGINEERING MECHANICS	5	O	C	A	5	9	45
		1	O	O	O	1	10	10
FEC105	BASIC ELECTRICAL ENGINEERING	4	A	O	O	4	10	40
		1	O	O	O	1	10	10
FEC106	ENVIRONMENTAL STUDIES (EVS)	2	D	O	D	2	6	12
FEL101	BASIC WORKSHOP AND PRACTICE - I	2	--	O	O	2	10	20
TOTAL		27				27	--	245

REMARK: Successful

SGPI: 9.07

CGPI: --

NOTE:


IA - Internal Assessment
TW - Term Work
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SGPI - Semester Grade Performance Index
CGPI - Cumulative Grade Performance Index

Conversion System to calculate CGPI for Engineering U.G. & P.G.

CGPI	EQUIVALENT PERCENTAGE MARKS
6.75	60%
7.25	65%
7.75	70%
8.25	75%

Checked by Registrar, TSEC




PRINCIPAL
Thadomal Shahani Engineering College
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FIRST YEAR ENGINEERING

SEMESTER II

Examination Seat No. 3100B79 Passed in May 2019 Examination

COURSE CODE	SUBJECTS	COURSE CREDITS	GRADE			CREDIT EARNED (C)	GRADE POINT (G)	C X G
			ESE/PR/OR	IA / TW	OVERALL			
FEC201	APPLIED MATHEMATICS – II	4	O	O	O	4	10	40
		1	--	O	O	1	10	10
FEC202	APPLIED PHYSICS – II	3	B	O	A	3	9	27
		0.5	--	O	O	0.5	10	5
FEC203	APPLIED CHEMISTRY – II	3	D	O	C	3	7	21
		0.5	--	O	O	0.5	10	5
FEC204	ENGINEERING DRAWING	3	B	O	A	3	9	27
		2	O	O	O	2	10	20
FEC205	STRUCTURED PROGRAMMING APPROACH	4	B	A	B	4	8	32
		1	O	O	O	1	10	10
FEC206	COMMUNICATION SKILLS	2	C	O	C	2	7	14
		1	--	A	A	1	9	9
FEL201	BASIC WORKSHOP AND PRACTICE - II	2	--	O	O	2	10	20
TOTAL		27				27	--	240

REMARK: Successful

SGPI: 8.89

CGPI: --

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Conversion System to calculate CGPI for Engineering U.G. & P.G.

CGPI	EQUIVALENT PERCENTAGE MARKS
6.75	60%
7.25	65%
7.75	70%
8.25	75%

Checked by Registrar, TSEC




PRINCIPAL
Thadomal Shahani Engineering College
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Bandra (W), Mumbai- 400 050

SECOND YEAR ENGINEERING

SEMESTER III

Examination Seat No. 191079 Passed in December 2019 Examination

COURSE CODE	SUBJECTS	COURSE CREDITS	GRADE			CREDIT EARNED (C)	GRADE POINT (G)	C X G
			ESE/PR/OR	IA / TW	OVERALL			
ITC301	APPLIED MATHEMATICS – III	5	O	O	O	5	10	50
ITC302	LOGIC DESIGN	4	B	O	B	4	8	32
ITC303	DATA STRUCTURES & ANALYSIS	4	B	B	B	4	8	32
ITC304	DATABASE MANAGEMENT SYSTEM	4	D	O	D	4	6	24
ITC305	PRINCIPLE OF COMMUNICATIONS	4	D	O	C	4	7	28
ITL301	DIGITAL DESIGN LAB	1	O	O	O	1	10	10
ITL302	DATA STRUCTURES LAB	1	O	O	O	1	10	10
ITL303	SQL LAB	1	O	O	O	1	10	10
ITL304	JAVA PROGRAMMING LAB	2	O	O	O	2	10	20
	TOTAL	26				26	--	216

REMARK: Successful

SGPI: 8.31

CGPI: 8.76

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CGPI – Cumulative Grade Performance Index

Conversion System to calculate CGPI for Engineering U.G. & P.G.

CGPI	EQUIVALENT PERCENTAGE MARKS
6.75	60%
7.25	65%
7.75	70%
8.25	75%

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SECOND YEAR ENGINEERING

SEMESTER IV

Examination Seat No. 191079 Passed in June 2020 Examination

COURSE CODE	SUBJECTS	COURSE CREDITS	GRADE			CREDIT EARNED (C)	GRADE POINT (G)	C X G
			ESE/PR/OR	IA / TW	OVERALL			
ITC401	APPLIED MATHEMATICS – IV	5	O	O	O	5	10	50
ITC402	COMPUTER NETWORKS	4	O	O	O	4	10	40
ITC403	OPERATING SYSTEMS	4	O	O	O	4	10	40
ITC404	COMPUTER ORGANIZATION AND ARCHITECTURE	4	O	O	O	4	10	40
ITC405	AUTOMATA THEORY	4	A	A	A	4	9	36
ITL401	NETWORKING LAB	1	O	O	O	1	10	10
ITL402	UNIX LAB	1	O	O	O	1	10	10
ITL403	MICROPROCESSOR PROGRAMMING LAB	1	O	O	O	1	10	10
ITL404	PYTHON LAB	2	O	O	O	2	10	20
	TOTAL	26				26	--	256

REMARK: Successful

SGPI: 9.85

CGPI: 9.03

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Conversion System to calculate CGPI for Engineering U.G. & P.G.

CGPI	EQUIVALENT PERCENTAGE MARKS
6.75	60%
7.25	65%
7.75	70%
8.25	75%

Checked by Registrar, TSEC




PRINCIPAL
Thadomal Shahani Engineering College
P. G. Khar Marg. T. P. S. III.
Bandra (W), Mumbai- 400 050

THIRD YEAR ENGINEERING

SEMESTER V

Examination Seat No. 191079

Passed in January 2021 Examination

COURSE CODE	SUBJECTS	COURSE CREDITS	GRADE			CREDIT EARNED (C)	GRADE POINT (G)	C X G
			ESE/PR/OR	IA / TW	OVERALL			
ITC501	MICROCONTROLLER AND EMBEDDED PROGRAMMING	4	O	O	O	4	10	40
ITC502	INTERNET PROGRAMMING	4	O	O	O	4	10	40
ITC503	ADVANCED DATA MANAGEMENT TECHNOLOGY	4	O	O	O	4	10	40
ITC504	CRYPTOGRAPHY & NETWORK SECURITY	4	O	O	O	4	10	40
ITDLO5011	ADVANCED DATA STRUCTURES & ANALYSIS OF ALGORITHMS	4	O	O	O	4	10	40
ITL501	INTERNET PROGRAMMING LAB	1	O	O	O	1	10	10
ITL502	SECURITY LAB	1	O	O	O	1	10	10
ITL503	OLAP LAB	1	O	O	O	1	10	10
ITL504	IOT (MINI PROJECT) LAB	1	O	O	O	1	10	10
ITL505	BUSINESS COMMUNICATION AND ETHICS	2	--	B	B	2	8	16
TOTAL		26				26	--	256

REMARK: Successful

SGPI: 9.85

CGPI: 9.19

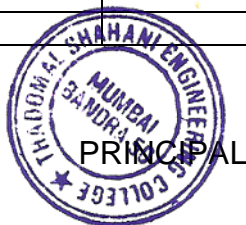
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Conversion System to calculate CGPI for Engineering U.G. & P.G.

CGPI	EQUIVALENT PERCENTAGE MARKS
6.75	60%
7.25	65%
7.75	70%
8.25	75%

Checked by Registrar, TSEC



PRINCIPAL
 Thadomal Shahani Engineering College
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 Bandra (W), Mumbai- 400 050

THIRD YEAR ENGINEERING

SEMESTER VI

Examination Seat No. 191079 Passed in June 2021 Examination

COURSE CODE	SUBJECTS	COURSE CREDITS	GRADE			CREDIT EARNED (C)	GRADE POINT (G)	C X G
			ESE/PR/OR	IA / TW	OVERALL			
ITC601	SOFTWARE ENGINEERING WITH PROJECT MANAGEMENT	4	O	O	A	4	10	40
ITC602	DATA MINING AND BUSINESS INTELLIGENCE	4	O	O	O	4	10	40
ITC603	CLOUD COMPUTING AND SERVICES	4	O	O	O	4	10	40
ITC604	WIRELESS NETWORKS	4	O	O	O	4	10	40
ITDLO6023	DIGITAL FORENSICS	4	O	O	O	4	10	40
ITL601	SOFTWARE DESIGN LAB	1	O	O	O	1	10	10
ITL602	BUSINESS INTELLIGENCE LAB	1	O	A	O	1	10	10
ITL603	CLOUD SERVICE DESIGN LAB	1	O	O	O	1	10	10
ITL604	SENSOR NETWORK LAB	1	O	O	O	1	10	10
ITM605	MINI-PROJECT	2	O	O	O	2	10	20
TOTAL		26				26	--	260

REMARK: Successful

SGPI: 10

CGPI: 9.32

NOTE:

IA - Internal Assessment
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 ESE - End Semester Examination
 OR - Oral
 PR - Practical
 SGPI - Semester Grade Performance Index
 CGPI - Cumulative Grade Performance Index

Conversion System to calculate CGPI for Engineering U.G. & P.G.

CGPI	EQUIVALENT PERCENTAGE MARKS
6.75	60%
7.25	65%
7.75	70%
8.25	75%

Checked by Registrar, TSEC



PRINCIPAL
 Thadomal Shahani Engineering College
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FOURTH YEAR ENGINEERING

SEMESTER VII

Examination Seat No. 12280007 Passed in November 2021 Examination

COURSE CODE	SUBJECTS	COURSE CREDITS	GRADE			CREDIT EARNED (C)	GRADE POINT (G)	C X G
			ESE/PR/OR	IA / TW	OVERALL			
ITC701	ENTERPRISE NETWORK DESIGN	4	O	O	A	4	10	40
ITC702	INFRASTRUCTURE SECURITY	4	O	O	O	4	10	40
ITC703	ARTIFICIAL INTELLIGENCE	4	O	O	O	4	10	40
ITDLO7035	SOFT COMPUTING	4	O	O	O	4	10	40
ILO7015	OPERATION RESEARCH	3	O	O	O	3	10	40
ITL701	NETWORK DESIGN LAB	1	O	O	O	1	10	10
ITL702	ADVANCE SECURITY LAB	1	O	B	A	1	9	9
ITL703	INTELLIGENCE SYSTEM LAB	1	A	O	O	1	10	10
ITL704	ANDROID APPS DEVELOPMENT LAB	1	O	O	O	1	10	10
ITM705	PROJECT - I	3	O	O	O	3	10	20
TOTAL		26				26	--	259

REMARK: Successful

SGPI: 9.96

CGPI:

NOTE:


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PR - Practical
SGPI - Semester Grade Performance Index
CGPI - Cumulative Grade Performance Index

Conversion System to calculate CGPI for Engineering U.G. & P.G.

CGPI	EQUIVALENT PERCENTAGE MARKS
6.75	60%
7.25	65%
7.75	70%
8.25	75%

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PRINCIPAL
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FOURTH YEAR ENGINEERING

SEMESTER VIII

Examination Seat No. 12280750 Passed in May 2022 Examination

COURSE CODE	COURSE TITLE		MAXIMUM MARKS	MINIMUM MARKS	MARKS OBTAINED	CREDITS (C)	GRADE	GRADE POINTS (G)	C X G
ITC801	BIG DATA ANALYTICS	ESE	80	32	57		--		
		IA	20	8	15		--		
		TOTAL	100		72	4	B	8	32
ITC802	INTERNET OF EVERYTHING	ESE	80	32	52		--		
		IA	20	8	14		--		
		TOTAL	100		66	4	C	7	28
ITDLO8041	USER INTERACTION DESIGN	ESE	80	32	49		--		
		IA	20	8	19		--		
		TOTAL	100		68	4	C	7	28
ILO8021	PROJECT MANAGEMENT	ESE	80	32	61		--		
		IA	20	8	18		--		
		TOTAL	100		79	3	A	9	27
ITL801	BIG DATA LAB	TW	25	10	16		--		
		OR	25	10	17		--		
		TOTAL	50		33	1	C	8	7
ITL802	INTERNET OF EVERYTHING LAB	TW	25	10	20		--		
		OR	25	10	21		--		
		TOTAL	50		41	1	O	10	10
ITL803	DEVOPS LAB	TW	25	10	22		--		
		OR/PR	25	10	22		--		
		TOTAL	50		44	1	O	10	10
ITL804	R PROGRAMMING LAB	TW	25	10	20		--		
		OR/PR	25	10	19		--		
		TOTAL	50		39	1	A	9	9
ITM805	PROJECT-II	TW	100	40	97		--		
		OR	50	20	47		--		
		TOTAL	150		144	8	O	10	80
	GRAND TOTAL		750		586	27			231

REMARK: Successful

SGPI: 8.56


CGPI: 9.30

Sem. I	CRED.: 27	SGPI: 9.07	Marks: 589 / 750	Sem. II	CRED.: 27	SGPI: 8.89	Marks: 600 / 750
Sem. III	CRED.: 26	SGPI: 8.31	Marks: 584 / 750	Sem. IV	CRED.: 26	SGPI: 9.85	Marks: 651 / 750
Sem. V	CRED.: 26	SGPI: 9.85	Marks: 682 / 750	Sem. VI	CRED.: 26	SGPI: 10.00	Marks: 661 / 750
Sem. VII	CRED.: 26	SGPI: 9.96	Marks: 703 / 775	Sem. VIII	CRED.: 27	SGPI: 8.56	Marks: 586 / 750

REMARK: **SUCCESSFUL** CGPI: **9.30** GRANT TOTAL: **5056 / 6025** PERCENTAGE: **83.92%**

Checked by Registrar, TSEC




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