

- 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



PRINCIPAL

THADOMAL SHAHANI ENGINEERING COLLEGE
ADV. NARI GURSAHANI MARG, 37TH ROAD,
(OFF LINKING ROAD), TPS III,
BANDRA WEST, MUMBAI - 400 050

OFFICIAL TRANSCRIPT

BACHELOR OF ENGINEERING – UNIVERSITY OF MUMBAI

(Four-Year Program)

IN

ELECTRONICS & TELECOMMUNICATION ENGINEERING

B.E. EXAMINATION

JAIN SHREY SANDEEP SHRUTI

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 & *O.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)
- 8.

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. 13104705 Passed in DECEMBER 2017 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	P	O	D	4	6	24
		1	--	O	O	1	10	10
FEC102	APPLIED PHYSICS - I	3	P	C	E	3	5	15
		0.5	--	O	O	0.5	10	5.0
FEC103	APPLIED CHEMISTRY - I	3	P	D	P	3	4	12
		0.5	--	O	O	0.5	10	5.0
FEC104	ENGINEERING MECHANICS	5	C	O	B	5	8	40
		1	O	A	O	1	10	10
FEC105	BASIC ELECTRICAL ENGINEERING	4	P	D	P	4	4	16
		1	A	A	A	1	9	9
FEC106	ENVIRONMENTAL STUDIES (EVS)	2	E	B	D	2	6	12
FEL101	BASIC WORKSHOP & PRACTICE - I	2	--	O	O	2	10	20
	TOTAL	27				27	--	178.00

REMARK: SUCCESSFUL

SGPI: 6.59

CGPI: -

NOTE:


IA - Internal Assessment
 TW - Term Work
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 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%

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PRINCIPAL
Thadomal Shahani Engineering College
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FIRST YEAR ENGINEERING

SEMESTER II

Examination Seat No. 13204463 Passed in MAY 2018 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	E	A	D	4	6	24
		1	--	A	A	1	9	9
FEC202	APPLIED PHYSICS - II	3	E	O	D	3	6	18
		0.5	--	O	O	0.5	10	5.0
FEC203	APPLIED CHEMISTRY - II	3	D	O	C	3	7	21
		0.5	--	O	O	0.5	10	5.0
FEC204	ENGINEERING DRAWING	3	D	C	D	3	6	18
		2	O	O	O	2	10	20
FEC205	STRUCTURED PROGRAMMING APPROACH	4	C	B	C	4	7	28
		1	O	B	O	1	10	10
FEC206	COMMUNICATION SKILLS	2	C	D	C	2	7	14
		1	--	C	C	1	7	7.0
FEL201	BASIC WORKSHOP PRACTICE - II	2	--	O	O	2	10	20
	TOTAL	27				27	--	199.00

REMARK: SUCCESSFUL

SGPI: 7.37

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%

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PRINCIPAL
Thadomal Shahani Engineering College
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SECOND YEAR ENGINEERING

SEMESTER III

Examination Seat No. 183023 Passed in DECEMBER 2018 Examination

COURSE CODE	SUBJECTS	COURSE CREDITS	GRADE			CREDIT EARNED (C)	GRADE POINT (G)	C X G
			ESE/PR/OR	IA / TW	OVERALL			
ECC301	Applied Mathematics - III	4	D	C	D	4	6	24
		1	--	O	O	1	10	10
ECC302	Electronic Devices And Circuits I	4	C	A	C	4	7	28
ECC303	Digital System Design	4	O	C	O	4	10	40
ECC304	Circuit Theory And Networks	4	C	O	B	4	8	32
		1	--	O	O	1	10	10
ECC305	Electronic Instrumentation And Control	4	B	B	B	4	8	32
		1	--	O	O	1	10	10
ECL301	Electronic Devices And Circuits I Laboratory	1	O	A	A	1	9	9
ECL302	Digital System Design Laboratory	1	O	O	O	1	10	10
ECL303	OOP Using JAVA Laboratory	1	O	O	O	1	10	10
	TOTAL	26				26		215

REMARK: SUCCESSFUL

SGPI: 8.27

CGPI: 7.4

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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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PRINCIPAL
Thadomal Shahani Engineering College
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SECOND YEAR ENGINEERING

SEMESTER IV

Examination Seat No. 183023 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			
ECC401	Applied Mathematics - IV	4	C	C	C	4	7	28
		1	--	O	O	1	10	10
ECC402	Electronic Devices And Circuits II	4	B	C	B	4	8	32
ECC403	Linear Integrated Circuits	4	O	C	A	4	9	36
ECC404	Signals & Systems	4	D	A	C	4	7	28
		1	--	A	A	1	9	9
ECC405	Principles Of Communication Engineering	4	C	O	B	4	8	32
ECL401	Electronic Devices And Circuits II Laboratory	1	B	O	A	1	9	9
ECL402	Linear Integrated Circuits Laboratory	1	O	O	O	1	10	10
ECL403	Principles Of Communication Engineering Laboratory	1	O	O	O	1	10	10
	TOTAL	25				25		204

REMARK: SUCCESSFUL

SGPI: 8.16

CGPI: 7.58

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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. R. S. III.
 Bandra (W), Mumbai- 400 050

THIRD YEAR ENGINEERING

SEMESTER V

Examination Seat No. 183023 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			
ECC501	Microprocessor & Peripherals Interfacing	4	O	B	O	4	10	40
ECC502	Digital Communication	4	B	O	B	4	8	32
ECC503	Electromagnetic Engineering	4	O	C	A	4	9	36
		1	--	O	O	1	10	10
ECC504	Discrete Time Signal Processing	4	A	C	B	4	8	32
ECCDLO014	Data Compression And Encryption	4	B	O	A	4	9	36
ECL501	Microprocessor & Peripherals Interfacing Lab	1	O	B	A	1	9	9
ECL502	Digital Communication Lab	1	C	A	B	1	8	8
ECL503	Business Communication & Ethics Lab	2	--	O	O	2	10	20
ECL504	Open Source Technology For Communication Lab	1	O	O	O	1	10	10
ECLDLO014	Data Compression And Encryption	1	--	O	O	1	10	10
	TOTAL	27				27		243

REMARK: SUCCESSFUL

SGPI: 9

CGPI: 7.87

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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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PRINCIPAL
 Thadomal Shahani Engineering College
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THIRD YEAR ENGINEERING

SEMESTER VI

Examination Seat No. 183023 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			
ECC601	Microcontrollers & Applications	4	O	O	O	4	10	40
ECC602	Computer Communication Networks	4	A	B	B	4	8	32
ECC603	Antenna & Radio Wave Propagation	4	A	A	A	4	9	36
ECC604	Image Processing And Machine Vision	4	O	O	O	4	10	40
ECCDLO6023	Database Management System	4	O	O	O	4	10	40
ECL601	Microcontrollers & Applications Lab	1	O	O	O	1	10	10
ECL602	Computer Communication Networks Lab	1	O	O	O	1	10	10
ECL603	Antenna & Radio Wave Propagation Lab	1	O	O	O	1	10	10
ECL604	Image Processing And Machine Vision Lab	1	O	O	O	1	10	10
ECLDLO6023	Database Management System	1	--	O	O	1	10	10
TOTAL		25				25		238

REMARK: SUCCESSFUL

SGPI: 9.52

CGPI: 8.13

NOTE:

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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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PRINCIPAL
 Thadomal Shahani Engineering College
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FOURTH YEAR ENGINEERING

SEMESTER VII

Examination Seat No. 10270841 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			
ECC701	MICROWAVE ENGINEERING	4	O	O	O	4	10	40
		1	O	O	O	1	10	10
ECC701	MOBILE COMMUNICATION SYSTEM	4	O	O	O	4	10	40
		1	B	C	C	1	7	7
ECC701	OPTICAL COMMUNICATION	4	O	O	O	4	10	40
		1	O	O	O	1	10	10
ECDLO7031	DEPT. LEVEL OPT-3 NEURAL NETWORKS AND FUZZY LOGIC	4	O	O	O	4	10	40
		1	O	O	O	1	10	10
ILO7015	INST. LEVEL OPT-1 OPERATION RESEARCH	3	B	O	A	3	9	27
ECL704	PROJECT - 1	3	O	O	O	3	10	30
	TOTAL	26				26	--	254

REMARK: SUCCESSFUL

SGPI: 9.77

CGPI:

NOTE:


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ESE - End Semester Examination
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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%

Checked by Registrar, TSEC




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

FOURTH YEAR ENGINEERING

SEMESTER VIII

Examination Seat No. 10281809 Passed in JUNE 2021 Examination

COURSE CODE	SUBJECTS		Maximum Marks	Minimum Marks	Marks Obtained	CREDIT (C)	GRADE	GRADE POINT (G)	C X G
ECC801	RF DESIGN	ESE	80	32	69		---		
		IA	20	8	17		---		
		TOTAL	100		86	4.00	O	10	40.00
ECC802	WIRELESS NETWORKS	ESE	80	32	73		---		
		IA	20	8	19		---		
		TOTAL	100		92	4.00	O	10	40.00
ECCDLO8043	SATELLITE COMMUNICATION	ESE	80	32	64		---		
		IA	20	8	18		---		
		TOTAL	100		82	4.00	O	10	40.00
ILO8021	PROJECT MANAGEMENT	ESE	80	32	70		---		
		IA	20	8	18		---		
		TOTAL	100		88	3.00	O	10	30.00
ECL801	RF DESIGN LAB	TW	25	10	21		---		
		OR/PR	25	10	20		---		
		TOTAL	50		41	1.00	O	10	10.00
ECL802	WIRELESS NETWORKS LAB	TW	25	10	21		---		
		OR/PR	25	10	20		---		
		TOTAL	50		41	1.00	O	10	10.00
ECLDLO8043	SATELLITE COMMUNICATION LAB	TW	25	10	20		---		
		OR/PR	25	10	20		---		
		TOTAL	50		40	1.00	O	10	10.00
ECL803	PROJECT-2	TW	100	40	96		---		
		OR/PR	50	20	47		---		
		TOTAL	150		143	6.00	O	10	60.00
	GRAND TOTAL		700		613	24.00			240.00

REMARK: SUCCESSFUL

SGPI: 10

CGPI: 8.56

NOTE:

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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%

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