

**OFFICIAL TRANSCRIPT**

**BACHELOR OF ENGINEERING – UNIVERSITY OF MUMBAI**

(Four-Year Program)

IN

**ELECTRONICS AND TELECOMMUNICATION ENGINEERING**

**B.E. EXAMINATION**

Name : MHATRE SARTHAK RAVINDRA PRATIDNYA  
Period of Study : 2017-2021

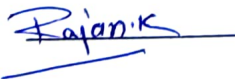
Some guidelines that may help you in evaluating the transcripts:

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)

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

Issued on 13/01/2022

Checked by







Principal  
**PRINCIPAL**

Yadavrao Tasgaonkar Institute of Engg. & Tech.  
Dr. N. Y. Tasgaonkar Technical Education Campus  
Chandhai, Bhivpuri Road Rly. Station, Karjat

# FIRST YEAR ENGINEERING

## SEMESTER I

NAME: MHATRE SARTHAK RAVINDRA PRATIDNYA  
Examination Seat No. 6033429

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	E	B	D	4	6	24
		1	--	C	C	1	7	7
FEC102	Applied Physics-I	3	P	O	E	3	5	15
		0.5	--	O	O	0.5	10	5.0
FEC103	Applied Chemistry -I	3	P	C	E	3	5	15
		0.5	--	O	O	0.5	10	5.0
FEC104	Engineering Mechanics	5	P	B	E	5	5	25
		1	O	O	O	1	10	10
FEC105	Basic Electrical & Electronics Engineering	4	P	D	P	4	4	16
		1	O	B	A	1	9	9
FEC106	Environmental studies	2	E	O	D	2	6	12
FEL101	Basic Workshop Practice-I	2	--	O	O	2	10	20
<b>TOTAL</b>		<b>27</b>				<b>27</b>		<b>163.00</b>

REMARK: SUCCESSFUL SGPI: 6.04

CGPI: \_\_\_\_\_

## SEMESTER II

NAME: MHATRE SARTHAK RAVINDRA PRATIDNYA  
Examination Seat No. 82205298

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			
FEC201	Applied Mathematics-II	4	E	B	D	4	6	24
		1	--	A	A	1	9	9
FEC202	Applied Physics-II	3	E	O	D	3	6	18
		0.5	--	B	B	0.5	8	4.0
FEC203	Applied Chemistry -II	3	P	B	E	3	5	15
		0.5	--	A	A	0.5	9	4.5
FEC204	Engineering Drawing	3	D	O	C	3	7	21
		2	D	A	C	2	7	14
FEC205	Structured Programming Approach	4	P	C	P	4	4	16
		1	B	C	C	1	7	7
FEC206	Communication Skills	2	E	B	D	2	6	12
		1	--	C	C	1	7	7.0
FEL201	Basic Workshop Practice -II	2	--	A	A	2	9	18
<b>TOTAL</b>		<b>27</b>				<b>27</b>		<b>169.50</b>

REMARK: SUCCESSFUL SGPI: 6.28

CGPI: \_\_\_\_\_

**NOTE:**

IA - Internal Assessment  
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Chandhai, Bhipuri Road Rly. Station, Karjat

**SECOND YEAR ENGINEERING****SEMESTER III**

NAME: MHATRE SARTHAK RAVINDRA PRATIDNYA

Examination Seat No. 34002Passed 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			
ECC301	APPLIED MATHEMATICA-III	4	E	O	D	4	6	24
		1	--	C	C	1	7	7
ECC303	DIGITAL SYSTEM DESIGN	4	P	O	E	4	5	20
ECC305	ELECTRICAL INSTRUMENTATION AND CONTROL	4	D	D	D	4	6	24
		1	--	O	O	1	10	10
ECC302	ELECTRONIC DEVICES AND CIRCUIT-I	4	P	B	E	4	5	20
ECC304	CIRCUIT THEORY AND NETWORKS	4	P	O	D	4	6	24
		1	--	O	O	1	10	10
ECL301	ELECTRONIC DEVICES AND CIRCUIT-I LABORATORY	1	O	O	O	1	10	10
ECL302	DIGITAL SYSTEM DESIGN LABORATORY	1	O	O	O	1	10	10
ECL303	OOP USING JAVA LABORATORY	1	O	O	O	1	10	10
<b>TOTAL</b>		26				26		169

REMARK: SUCCESSFUL SGPI: 6.5

CGPI: \_\_\_\_\_

**SEMESTER IV**

NAME: MHATRE SARTHAK RAVINDRA PRATIDNYA

Examination Seat No. 44002Passed in NOVEMBER 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 MATHEMATICA-IV	4	E	O	D	4	6	24
		1	--	O	O	1	10	10
ECC402	ELECTRONIC DEVICES AND CIRCUIT-II	4	E	E	E	4	5	20
ECC403	LINEAR INTEGRATED CIRCUITS	4	P	D	P	4	4	16
ECC404	SIGNAL AND SYSTEMS	4	P	D	P	4	4	16
		1	--	O	O	1	10	10
ECC405	PRINCIPALS OF COMMUNICATION ENGINEERING	4	P	O	E	4	5	20
ECL401	ELECTRICAL DEVICES AND CIRCUIT-II LABORATORY	1	B	O	A	1	9	9
ECL402	LINEAR INTEGRATED CIRCUITS LABORATORY	1	O	O	O	1	10	10
ECL403	PRINCIPALS OF COMMUNICATION ENGINEERING LABORATORY	1	O	O	O	1	10	10
<b>TOTAL</b>		25				25		145

REMARK: SUCCESSFUL SGPI: 5.8

CGPI: \_\_\_\_\_

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 Chandhai, Bhivpuri Road Rly. Station, Karjat

**THIRD YEAR ENGINEERING****SEMESTER V**

NAME: MHATRE SARTHAK RAVINDRA PRATIDNYA

Examination Seat No. 54002Passed in NOVEMBER 2019 Examination

COURSE CODE	SUBJECTS	COURSE CREDIT	GRADE			CREDIT EARNED (C)	GRADE POINT (G)	C X G
			ESE/PR/OR	IA / TW	OVERALL			
ECC501	MICROPROCESSOR & PRINCIPAL INTERFACING	4	P	O	E	4	5	20
ECC503	DIGITAL COMMUNICATION	4	E	O	D	4	6	24
ECC502	ELECTROMAGNETIC ENGINEERING	4	E	B	D	4	6	24
		1	--	O	O	1	10	10
ECCDL501	TV & VIDEO ENGINEERING	4	C	B	C	4	7	28
ECL501	MICROPROCESSOR & PRINCIPAL INTERFACING LAB	1	O	O	O	1	10	10
ECL502	DIGITAL COMMUNICATION LAB	1	O	O	O	1	10	10
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
ECLDL501	TV & VIDEO ENGINEERING LAB	1	--	O	O	1	10	10
ECC504	DISCRETE TIME SIGNAL PROCESSING	4	P	O	E	4	5	20
<b>TOTAL</b>		<b>27</b>				<b>27</b>		<b>186</b>

REMARK: SUCCESSFUL SGPI: 6.89

CGPI: \_\_\_\_\_

**SEMESTER VI**

NAME: MHATRE SARTHAK RAVINDRA PRATIDNYA

Examination Seat No. 64002Passed in MAY 2020 Examination

COURSE CODE	SUBJECTS	COURSE CREDITS	GRADE			CREDIT EARNED (C)	GRADE POINT (G)	C X G
			ESE/PR/OR	IA / TW	OVERALL			
ECC601	MICROCONTROLLER & APPLICATIONS	4	B	O	A	4	9	36
ECC602	COMPUTER COMMUNICATION NETWORKS	4	B	O	A	4	9	36
ECC603	ANTENNA & RADIO WAVE PROPAGATION	4	B	O	A	4	9	36
ECC604	IMAGE PROCESSING & MACHINE VISION	4	B	O	A	4	9	36
ECCDL022	RADAR ENGINEERING	4	B	O	A	4	9	36
ECL601	MICROCONTROLLER & APPLICATIONS LAB	1	B	B	B	1	8	8
ECL602	COMPUTER COMMUNICATION NETWORKS LAB	1	B	B	B	1	8	8
ECL603	ANTENNA & RADIO WAVE PROPAGATION LAB	1	B	B	B	1	8	8
ECL604	IMAGE PROCESSING & MACHINE VISION LAB	1	B	B	B	1	8	8
ECLDL022	RADAR ENGINEERING	1	--	B	B	1	8	8
<b>TOTAL</b>		<b>25</b>				<b>25</b>		<b>220</b>

REMARK: SUCCESSFULSGPI: 8.8

CGPI: \_\_\_\_\_

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*(Signature)*  
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**FINAL YEAR ENGINEERING****SEMESTER VII**

NAME: MHATRE SARTHAK RAVINDRA PRATIDNYA

Examination Seat No. 10273278Passed 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	C	O	C	4	7	28
		1	O	O	O	1	10	10
ECC702	MOBILE COMMUNICATION SYSTEM	4	A	O	A	4	9	36
		1	O	O	O	1	10	10
ECC703	OPTICAL COMMUNICATION	4	B	O	A	4	9	36
		1	O	O	O	1	10	10
ECDLO7033	DEPT. LEVEL OPT- III INTERNET COMMUNICATION ENGINEERING	4	A	O	O	4	10	40
		1	O	O	O	1	10	10
ILO7016	INST. LEVEL OPT-I CYBER SECURITY AND LAW	3	A	O	O	3	10	30
ECL704	PROJECT -I	3	O	O	O	3	10	30
<b>TOTAL</b>		<b>26</b>				<b>26</b>		<b>240</b>

REMARK: SUCCESSFULSGPI: 9.23

CGPI: \_\_\_\_\_

**SEMESTER VIII**

NAME: MHATRE SARTHAK RAVINDRA PRATIDNYA

Examination Seat No. 10284275Passed in JUNE 2021 Examination

COURSE CODE	COURSE TITLE		MAXIMUM MARKS	MINIMUM MARKS	MARKS OBTAINED	CREDITS (C)	GRADE	GRADE POINTS (G)	C X G
ECC801	RF DESIGN	ESE	80	32	57		--		
		IA	20	8	17		--		
		TOTAL	100		74	4.00	B	8	32
ECC802	WIRELESS NETWORKS	ESE	80	32	74		--		
		IA	20	8	18		--		
		TOTAL	100		92	4.00	O	10	40
ECCDLO8043	SATELLITE COMMUNICATIONS	ESE	80	32	65		--		
		IA	20	8	18		--		
		TOTAL	100		83	4.00	O	10	40
ILO8029	ENVIRONMENTAL MANAGEMENT	ESE	80	32	62		--		
		IA	20	8	18		--		
		TOTAL	100		80	3.00	O	10	30
ECL801	RF DESIGN LAB	TW	25	10	22		--		
		OR/PR	25	10	21		--		
		TOTAL	50		43	1.00	O	10	10
ECL802	WIRELESS NETWORKS LAB	TW	25	10	23		--		
		OR/PR	25	10	23		--		
		TOTAL	50		46	1.00	O	10	10
ECLDLO8043	SATELLITE COMMUNICATIONS LAB	TW	25	10	22		--		
		OR/PR	25	10	20		--		
		TOTAL	50		42	1.00	O	10	10
ECL803	PROJECT-II	TW	100	40	95		--		
		OR/PR	50	20	46		--		
		TOTAL	150		141	6.00	O	10	60
<b>GRAND TOTAL</b>			<b>700</b>		<b>601</b>	<b>24.00</b>			<b>232</b>

REMARK: SUCCESSFULSGPI: 9.67CGPI: 7.34**NOTE:**

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 Chandhai, Bhiwpuri Road Rly. Station, Karjat

**MHATRE SARTHAK RAVINDRA** is a brilliant and hardworking student, besides being involved in a wide range of extracurricular activities including sports. He bears a good moral, character and fine conduct.

We wish him all the very best for his future and assure you that he will be a definite asset to your institution.



A handwritten signature in blue ink, appearing to be "S. R. Mhatre".

Principal

**PRINCIPAL**

Yashwantrao Tasgaonkar Institute of Engg & Tech.  
Dr. N. Y. Tasgaonkar Technical Education Campus  
Chandhel, Bhivpuri Road Rly. Station, Karjat