



SHREE L. R. TIWARI COLLEGE OF ENGINEERING

Approved by AICTE & DTE, Maharashtra State & Affiliated to University of Mumbai, NAAC Accredited, NBA Accredited program,
ISO 9001:2015 Certified | DTE Code No: 3423, Recognized under Section 2(f) of the UGC Act 1956, Minority Status (Hindi Linguistic)

Criteria 2- Teaching- Learning and Evaluation

Key Indicator- 2.5. Evaluation Process and Reforms

SOP of grievance related to examination, Correspondence with University, Resolution of Grievance.

Dr. Deven Shah

Principal
Principal

Shree L. R. Tiwari College of Engineering
Kanakiya Park, Mira Road (E.)





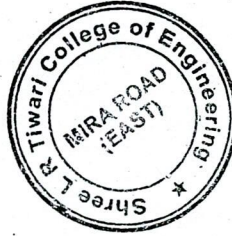
Shree Rahul Education Society's (Regd.)

SHREE L. R. TIWARI COLLEGE OF ENGINEERING

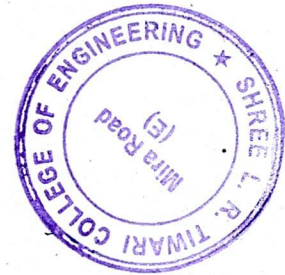
(Approved by AICTE & DTE, Maharashtra State & Affiliated to University of Mumbai)
NAAC Accredited, NBA Accredited Program, ISO 9001:2015 Certified | DTE Code No. : 3423
Minority Status (Hindi Linguistic)

4. If a student still finds any discrepancy he can download and duly fill a form provided by Mumbai University and submit it to University of Mumbai students' Grievances and Redressal committee.
5. To entertain and consider the grievances of the students. The committee may hear the students in person by giving opportunities of hearing.
6. If the UGRC feels it necessary to verify the grievances personally it may authorize any members of the UGRC or any other authorized persons to visit the concerned establishment and find out the authenticity of the grievances.
7. The Member Secretary communicates a copy of Order/Decision/Resolution to the student as well as the institution whose grievances were mentioned in the Agenda.

Mrs. Zainab Mizwan
Incharge of Examination



Dr. Deven Shah
Principal



Principal
Shree L. R. Tiwari College of Engineering
Kanakiya Park, Mira Road (E.)



SHREE L. R. TIWARI COLLEGE OF ENGINEERING

(Approved by AICTE & DTE, Govt. of Maharashtra State & Affiliated to
University of Mumbai) ISO 9001 : 2008 Certified • DTE Code No. 3423

Ref. No. : SLRTCE/2737/2018-19

Date : 03/06/2019

Date: 3rd June 2019

To,

The Exam Controller

SLRTCE, Mira road (E)

Subject: Grievance regarding Wireless Network Question Paper.

Respected Sir/Madam,

I would like to bring to your notice that the question paper of the exam held on 28th May 2019 (2:30 to 5:30 pm) for the subject "Wireless network" Question paper code 71079 had several questions are out of syllabus and some of the questions are from old syllabus. Questions are listed below:

Q.1 a) The channel data rate is 270.833kbps in GSM standard that is 40% of theoretical maximum data rate that can be supported in a 200khz channel bandwidth. Calculate the corresponding theoretical S/N required. (4M)

Q. 2 a) Write in detail working of reverse link CDMA System

In an IS-95 system calculate the processing gain in dB if the baseband data rate is 9.6 kbps, 4.8kbps, 2.4 kbps and 1.2 kbps in rate set 1. If the error correction codes increase the data rate to 19.2 kbps, recalculate the processing gain. Comment on the results obtained. (10M)

Q. 5 b) Explain in detail the working of forward link CDMA system with neat diagram. (10M)

Q. 6 d) A 5/1 of GSM Architecture (5M)

I request you to consider this Grievance for the student's perspective.

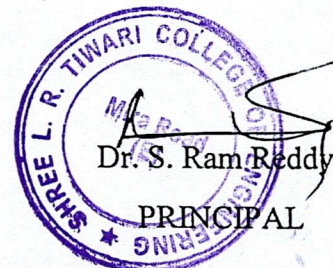
Enclosure:

1. Student's Signature
2. WN Question paper
3. WN Syllabus

Thanking You,


Ms. Deepali Patil

HOD (IT)




Principal

Shree L. R. Tiwari College of Engineering
Kanakiya Park, Mira Road (E.)

Roll No.

Student Name

Sign.

19MC46370

Rudra Vikas Aditya

[Signature]

19MC46371

Sapna Bali

[Signature]

19MC46372

Ankit Tiwari

[Signature]

19MC46373

Dipish Pandi

Anita

19MC46374

Anita Durey

[Signature]

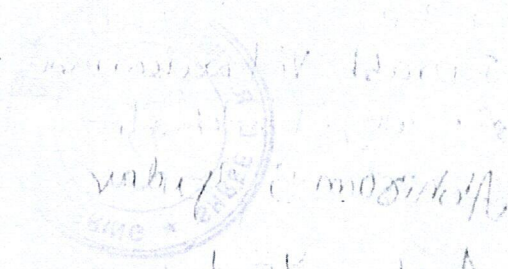
19MC46375

Simran Sharma



[Signature]
Principal

Shree L. R. Tiwari College of Engineering
Kanakiya Park, Mira Road (E.)



TEST
Subject: Wireless Wlwrk.

Student Name

Sign

| Roll No | Student Name | Sign |
|---------|--------------------|------------------|
| 01 | Akshay Damodaran | <u>Akshay</u> |
| 02 | Shruti Badarpura | <u>Shruti</u> |
| 03 | Baig Shajee | <u>Baig</u> |
| 04 | Sumeetha Bathe | <u>Sumeetha</u> |
| 05 | Chandesh Chokh | <u>Chandesh</u> |
| 06 | Nikhil Chauvasio | <u>Nikhil</u> |
| 07 | Jayesh Chandhary | <u>Jayesh</u> |
| 08 | Avinash chourasiya | <u>Avinash</u> |
| 09 | Ishank Dautkar | <u>Ishank</u> |
| 10 | Siddhi Desai | <u>Siddhi</u> |
| 11 | SUNDARIN DUBEY | <u>Sundaram</u> |
| 12 | Siddharth Gaglani | <u>Siddharth</u> |
| 13 | Rudul Gorkan | <u>Rudul</u> |
| 14 | Narun Ghal | <u>Narun</u> |
| 15 | ANIKET. GUPTA. | <u>Aniket</u> |
| 16 | Jyoti Halemani | <u>Jyoti</u> |
| 18 | Shreya Jagtap | <u>Shreya</u> |
| 19 | Abhishek V. Jan | <u>Abhishek</u> |
| 0 | Pratik R. Jaiswal | <u>Pratik</u> |
| 2 | Karan Jha | <u>Karan</u> |
| | Karan Jha | <u>Karan</u> |



- 24] Aditi Kumar
 25] Sunil Kumawat
 26] Dhruv Lotlikar
 27] Manya Mukul
 28] SADAF MIRZA
 29] PRATIKSHIT MISHRA
 30] ADITYA PANDEY
 31] Shivansh Pandey
 32] Shreyash Pandey
 33] Dilip Parmar
 34] Tejas Patel
 37] Ashika Poojari
 38] Anisha Poojary
 39] Namrata Poswal
 40] Satish Prajapat
 41] Pintu Prasad
 42] Akash Rai

Aditi Kumar
 Sunil Kumawat
 Lotlikar

Mirza
 Sadaf
 Pratikshit

Aditya

Shivansh

Pandey

Dilip

Tejas

Ashika

Anisha

Namrata

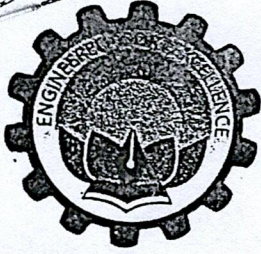
Satish
 Pintu

Rai



Principal
 Shree L. R. Tiwari College of Engineering
 Kanakiya Park, Mira Road (E.)





SHREE L. R. TIWARI COLLEGE OF ENGINEERING

(Approved by AICTE & DTE, Govt. of Maharashtra State & Affiliated to
University of Mumbai) ISO 9001 : 2008 Certified • DTE Code No. 3423

Ref. No. : SLR/CE/EXAM/1989/2019

Date : 06/06/2019

To,

I/c. Director
Board of examination and evaluation
Mahatma Phule bhavan, Examination house,
Vidyanagari nagari, University of Mumbai,
Kalina, Mumbai.

Sub: Out of syllabus questions in the University Paper of Electronics & Telecommunication
Branch (T.E SEM VI (CBCGS)), May 2019 Examinations.

Respected Sir,

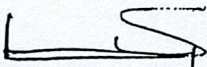
I kindly inform you that in the subject of Antenna & Radio Wave Propagation Q.P.No. 88943
dated on 22nd May 2019 & Radar Engineering, Q.P.No. 88946 dated on 03rd June 2019,
Electronics & Telecommunication branch, Sem VI (CBCGS) found out of syllabus questions.

So I request you to consider attached students signature sheet and students application mentioning
Question Numbers with allotted marks.

Kindly consider and revert back immediately so that assessment can be done on time.

Thanking You.

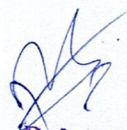
Yours faithfully,


Dr. S. Ram Reddy
Principal



- Encl. : 1) Photocopy of Student's Signature Sheet.
2) Photocopy of Student's Application.
3) Question Paper Copy.

HCCMSS
16


Principal
Shree L. R. Tiwari College of Engineering
Kanakiya Park, Mira Road (E.)



6th June, 2019

To,
The Controller of Examinations,
Shree. L.R. Tiwari College of Engineering,
Mira Road (East),
Thane-401107.

Subject: Out of syllabus questions in the Antenna & Radio Wave Propagation paper

Dear sir,

This is to inform you that the Radar Engineering (Course code: ECC 603) 2019 (Date: ^{22nd May '19} ~~2nd June~~,
Time: 2:30 p.m. to 5:30 p.m.) question paper (Q.P.Code: 88943 & Scheme: CBCGS) contained questions which were not a part of the Revised 2016 Choice Based syllabus of the Mumbai University, introduced in the academic year 2016-17 and brought into action from the academic year 2017-18.


The following is the list of the out of syllabus questions that appeared in the paper:

| Question | Marks |
|---|-------|
| Q.4(b). Design a 10-element binomial array with a spacing of $\lambda/2$ between the elements. Determine amplitude distribution of all elements, also calculate the half-power beamwidth (in degrees) and the maximum directivity (in dB) | 10 |
| Total | 10 |

Thus, in total questions worth 10 marks were out of syllabus.

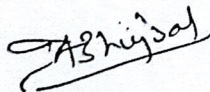
We, the students of second year EXTC (Div: A & B) studying at Shree. L.R. Tiwari College of Engineering request you to kindly look into the matter and do the needful. A sheet with a list of students acknowledging this letter and the other necessary documents are attached along with. We hope the students will be fairly compensated for the same.

Thanking you in anticipation.

From, 
The students.

TE-EXTC (A&B)

Shree. L.R. Tiwari, College of Engineering.

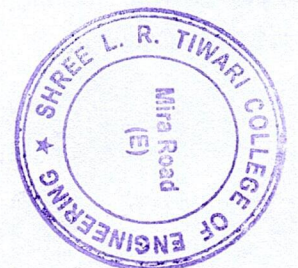



Principal

Shree L.R. Tiwari College of Engineering
Kanakiya Park, Mira Road (E.)

Subject Incharge

Mrs. Madhuri Kadam



- NB
1. Question No. 1 is Compulsory.
 2. Attempt any 3 questions out of remaining 5.
 3. Assume suitable data if necessary.
 4. Figures to the right indicate the maximum marks.

Q.1 a) A lossless resonant half-wavelength dipole antenna, with input impedance of 73 ohms, is connected to a transmission line whose characteristic impedance is 50 ohms. Assuming that the pattern of the antenna is given approximately by $U = B_0 \sin^3 \theta$, find the maximum absolute gain of this antenna. 05

b) List salient features of Microstrip antenna. 05

c) Draw current distribution and radiation pattern of 0.1λ , 0.5λ , λ and 3λ simple dipole antenna. 05

d) What is grating lobe in broadside and end-fire array antenna, how it can be minimized in both. 05

Q2 a) What is the significance of beamwidth of antenna? If HPBW of directional antenna in E-plane and H-plane is 30° and 45° respectively, calculate directivity and gain of the same antenna. (Assume radiation efficiency = 55%) 10

b) With neat sketch explain parabolic reflector antenna. List feed mechanism used. 10

Q.3 a) Derive expressions of radiation resistance of half wavelength dipole antenna. Why, actual length of half wavelength dipole antenna is lies between 0.47λ to 0.48λ instead of 0.5λ . 10

b) With neat diagram derive important parameters of helical antenna in axial mode. What is the effect of change in length and circumference of the same on the radiation pattern? 10

Q.4 a) What is pattern multiplication of array antenna, if two isotropic point sources of array are $\lambda/4$ distance apart and if they fed with equal amplitude and $\pi/2$ phase, draw radiation pattern of the same. 10

b) Design 10-element binomial array with a spacing of $\lambda/2$ between the elements. Determine amplitude distribution of all elements; also calculate the half-power beamwidth (in degrees) and the maximum directivity (in dB). 10

Q.5 a) Design rectangular microstrip antenna for 2.4 GHz frequency application using Rogers RT/Duroid 5880 substrate with thickness of 1.6 mm. 10

b) Describe formation of ionized layer in the ionosphere and describe their importance in radio communication. Define critical frequency. 10

Q.6 Write short notes on (any four)

a) Polarization measurements. 05

b) Ground wave propagation. 05

c) Phased (Scanning) Array. 05

d) Log-periodic antenna. 05

e) Horn antenna. 05

Principal

Shree L. R. Tiwari College of Engineering
Kanakiya Park, Mira Road (E.)



6th June, 2019

To,
The Controller of Examinations.
Shree. L.R. Tiwari College of Engineering,
Mira Road(East),
Thane-401107.

Subject: Out of syllabus questions in the Radar Engineering paper

Dear sir,

This is to inform you that the Radar Engineering (Course code: ECCDLO 6022) 2019 (Date: 3rd June, Time: 2:30 p.m. to 5:30 p.m.) question paper (Q.P.Code: 88946 & Scheme: CBCGS) contained questions which were not a part of the Revised 2016 Choice Based syllabus of the Mumbai University, introduced in the academic year 2016-17 and brought into action from the academic year 2017-18.

The following is the list of the out of syllabus questions that appeared in the paper:

| Question | Marks |
|--|-------|
| Q.1(b). Explain frequency agility and diversity technique ? | 5 |
| Q.2(a). Explain Doppler filter bank along with merits and demerits? | 10 |
| Q.2(b). What do you mean by radar cross section? Explain RCS of sphere. | 10 |
| Q.3(b). Give importance of match filter of radar and discuss them in detail. | 10 |
| Q.4(a). Discuss in brief radar resolution cell, land and sea. | 10 |
| Q.5(b). Compare low power and high power radar transmitter along with their application. | 10 |
| Q.6(a). Explain method of integration of radar pulse to improve its detection. Define integration improvement factor. How does it effect radar equation. | 10 |
| Total | 75 |

Thus, in total questions worth 75 marks were out of syllabus.

We, the students of second year EXTC (Div: A & B) studying at Shree. L.R. Tiwari College of Engineering request you to kindly look into the matter and do the needful. A sheet with a list of students acknowledging this letter and the other necessary documents are attached along with. We hope the students will be fairly compensated for the same.

Thanking you in anticipation.

From,

The students.

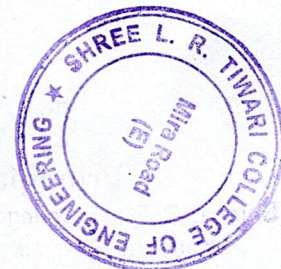
TE-EXTC (A&B)

Shree. L.R. Tiwari, College of Engineering.

Swati
Dr. Swati Khandare
Subject Incharge.

Principal
Principal

Shree L. R. Tiwari College of Engineering
Kanakiya Park, Mira Road (E.)



6th June, 2019

To,
The Controller of Examinations,
Shree. L.R. Tiwari College of Engineering,
Mira Road(East),
Thane-401107.

Subject: Out of syllabus questions in the Radar Engineering paper

Dear sir,

This is to inform you that the Radar Engineering (Course code: ECCDLO 6022) 2019 (Date: 3rd June, Time: 2:30 p.m. to 5:30 p.m.) question paper (Q.P.Code: 88946 & Scheme: CBCGS) contained questions which were not a part of the Revised 2016 Choice Based syllabus of the Mumbai University, introduced in the academic year 2016-17 and brought into action from the academic year 2017-18.

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| Question | Marks |
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| Q.5(b). Compare low power and high power radar transmitter along with their application. | 10 |
| Q.6(a). Explain method of integration of radar pulse to improve its detection. Define integration improvement factor. How does it effect radar equation. | 10 |
| Total | 75 |

Thus, in total questions worth 75 marks were out of syllabus.

We, the students of second year EXTC (Div: A & B) studying at Shree. L.R. Tiwari College of Engineering request you to kindly look into the matter and do the needful. A sheet with a list of students acknowledging this letter and the other necessary documents are attached along with. We hope the students will be fairly compensated for the same.

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From,

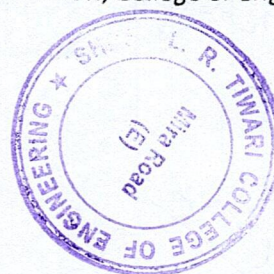
The students.

TE-EXTC (A&B)

Shree. L.R. Tiwari, College of Engineering.

Swati
Dr. Swati Khandare
Subject Incharge

Principal
Principal
Shree L. R. Tiwari College of Engineering
Kanakiya Park, Mira (E.)




Time: 3 Hrs

Total Marks: 80

- N.B. : (1) Question no 1 is compulsory
(2) Attempt any 3 question out of remaining.
(2) Figures to the right indicate full marks.
(3) Assume suitable data wherever necessary and indicate the same.

- Q1
a. Compare CW Radar with Frequency Modulated Radar. [5]
b. Explain Frequency Agility and Diversity Technique. [5]
c. Explain factors which governs pulse repetition frequency. [5]
d. Explain radar range equation. [5]
- Q2
a Explain Doppler Filter banks along with its merits and demerits. [10]
b What do you mean by Radar Cross Section? Explain RCS of Sphere. [10]
- Q3
a Draw and explain 'Delay Line Canceller' along with its frequency response. [10]
b Give importance of Match filter of Radar and discuss them in detail. [10]
- Q4
a Discuss in brief Radar Resolution Cell, land and Sea Clutter. [10]
b With the help of detailed block diagram explain Conical Scanning used in Radar Systems. [10]
- Q5
a Draw and explain Travelling Wave Tube Amplifier used in Radar Transmitter. [10]
b Compare low power and High Power Radar Transmitter along with their applications. [10]
- Q6
a Explain methods of Integration of Radar Pulses to improve its detection. Define Integration Improvement Factor. How does it affect Radar Equation. [10]
b Draw block diagram of MTI Radar and explain each block in detail. [10]

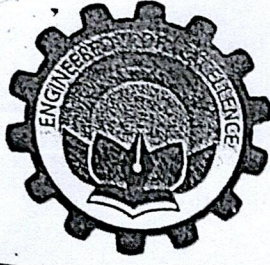
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Principal

Shree L. R. Tiwari College of Engineering
Kanakiya Park, Mira Road (E.)

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SHREE L. R. TIWARI COLLEGE OF ENGINEERING

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University of Mumbai) ISO 9001 : 2008 Certified • DTE Code No. 3423

Ref. No. : SLR/CE/EXAM/1988/2019

Date : 06/06/2019

To,

I/c. Director
Board of examination and evaluation
Mahatma Phule bhavan, Examination house,
Vidyanagari nagari, University of Mumbai,
Kalina, Mumbai.

Sub: Out of syllabus questions in the University Paper of Information Technology Branch
(T.E SEM VI (CBCGS)), May 2019 Examinations.

Respected Sir,

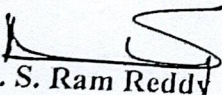
I kindly inform you that in the subject of Wireless Network, Q.P.No. 71079 on dated
28th May 2019, Information Technology branch, Sem VI (CBCGS) found out of syllabus
questions.

So I request you to consider attached students signature sheet and subject teacher's application
mentioning Question Numebers with marks allotted.

Kindly consider and revert back immidiately so that assessment can be done on time.

Thanking You.

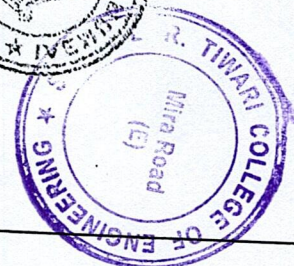
Yours faithfully,



Dr. S. Ram Reddy
Principal

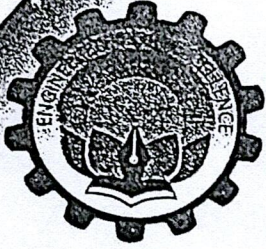
- Encl. : 1) Photocopy of IT HOD letter.
2) Photocopy of Student's Signature Sheet.
3) Syllabus Copy.
4) Question Paper Copy.

Principal

Shree L. R. Tiwari College of Engineering
Kanakiya Park, Mira Road (E.)



06/06/19
ACC(MSS)




SHREE L. R. TIWARI COLLEGE OF ENGINEERING

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University of Mumbai) ISO 9001 : 2008 Certified • DTE Code No. 3423

Ref. No. : SLRTCE/2737/2018-19

Date : 03/06/2019

Date: 3rd June 2019

To,

The Exam Controller

SLRTCE, Mira road (E)

Subject: Grievance regarding Wireless Network Question Paper.

Respected Sir/Madam,

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Q.1 a) The channel data rate is 270.833kbps in GSM standard that is 40% of theoretical maximum data rate that can be supported in a 200khz channel bandwidth. Calculate the corresponding theoretical S/N required. (4M)

Q. 2 a) Write in detail working of reverse link CDMA System
In an IS-95 system calculate the processing gain in dB if the baseband data rate is 9.6 kbps, 4.8kbps, 2.4 kbps and 1.2 kbps in rate set 1. If the error correction codes increase the data rate to 19.2 kbps, recalculate the processing gain. Comment on the results obtained. (10M)

Q. 5 b) Explain in detail the working of forward link CDMA system with neat diagram. (10M)

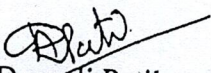
Q. 6 d) A 5/1 of GSM Architecture (5M)

I request you to consider this Grievance for the student's perspective.

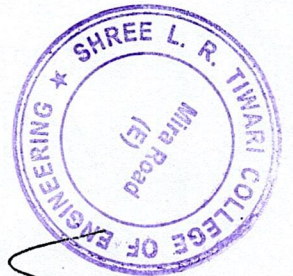
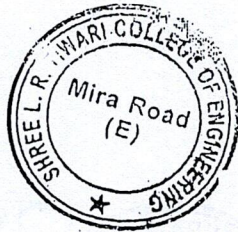
Enclosure:

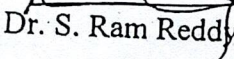
1. Student's Signature
2. WN Question paper
3. WN Syllabus

Thanking You,


Ms. Deepali Patil

HOD (IT)




Dr. S. Ram Reddy
PRINCIPAL

-Kanakia Park, Mira Road (E), Thane - 401 107, Maharashtra
Phone: 022-2812 0144 / 45 / 42

Principal

Shree L. R. Tiwari College of Engineering
Kanakia Park, Mira Road (E.)

10/11/20

TE-IT

Subject: Wireless Wwks.

Student's signature sheet for part of syllabus questions

Student Name

Sign

- 01
- 02
- 03
- 04
- 05
- 06
- 07
- 08
- 09
- 0
- 1
- 2
- 3

Akshay Damodaran
Sharib Badarpura

Akshay

Baig Shahzor

Baig

Sumeegh Bathe

S

Chandis Chouk

Chouk

Nikhil Chaurasia

Chaurasia

Jayesh Chondhary

Nikhil

Avinash chourasiya

Jayesh

Ishank Darekar

Avinash

Siddhi Desai

Ishank

SUNDARAM DUBEY

Siddhi

Siddharth Gaglani

Sundaram

Rahul Gorekar

Gaglani

Naren Goyal

Gorekar

ANIKET. GUPTA.

Naren

Jyoti Halemani

Aniket

Shreya Jagtap

Jyoti

Abhishek V. Jain

Shreya

Pratik R. Jaiswal

Abhishek

Kamra Jha

Pratik

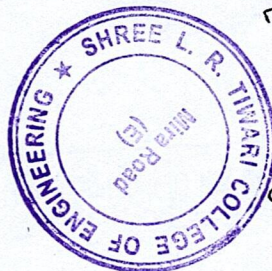
Koran Jha

Kamra

Namasteer Jorhi

Koran

Namasteer



Principal

TEIT - SEM VI

406

Subject: Wireless Networks
Students' signature sheet for put of syllabus questions

- Roll No : 19MC46341
- 19MC46342
- 19MC46343
- 19MC46344
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- 19MC46363
- 19MC46364
- 19MC46365
- 19MC46366
- 19MC46367
- 19MC46368

Student Name

Manoj N. Raut

Saylee P Raut

Omkar V. Solvke

HARSHANI K SARVAHA

MOHIT VSAWANJ

Shakib Shaikh

Pradeep sharma

Sandeep Sharma

Tejprakash Sharma

Haranjit Singh

Raj Singh

Rinky Singh

Fishabh Singh

Rishi Singh

Siddharth Singh

Solanji Mahendru Singh

PUNJI SOLANKI

Vibhangi Srivastava
Mangesh Tiwari

Nandini Gadgil

Krishna Vishwakarma

Rahul Vishwakarma

Saurabh Vishwakarma

Aarav Wankhede

Ashisam S. Yadav

Ajit Yadav

Om Prakash Yadav

Sign
Manoj N. Raut

Saylee P Raut

Omkar V. Solvke

HARSHANI K SARVAHA

MOHIT VSAWANJ

Shakib Shaikh

Pradeep sharma

Sandeep Sharma

Tejprakash Sharma

Haranjit Singh

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Rishi Singh

Siddharth Singh

Solanji Mahendru Singh

PUNJI SOLANKI

Vibhangi Srivastava

Mangesh Tiwari

Nandini Gadgil

Krishna Vishwakarma

Rahul Vishwakarma

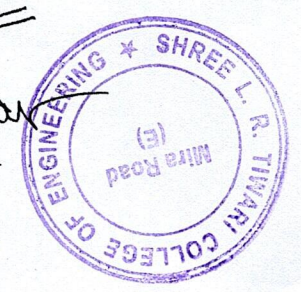
Saurabh Vishwakarma

Aarav Wankhede

Ashisam S. Yadav

Ajit Yadav

Om Prakash Yadav



Principal

MO.

Student Name

1MC46370
 9MC46371
 9MC46372
 7MC46373
 1MC46374
 MC46375

Padan Vikas Aditya
 Sapne Bal
 Ankit Tiwari
 Dipish Parthi
 Anita Davey
 Simran Sharma

Stg

Kyadur

Do

Ankit

Do

Anita

Sharma

Principal
 Shree L. R Tiwari College of Engineering
 Kanakiya Park, Mira Road (E.)



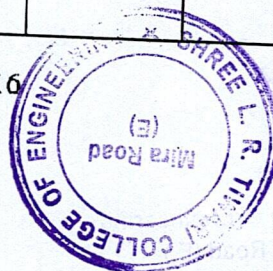
Detailed syllabus:

| Sr. No. | Module | Detailed Content | Hours | CO Mapping |
|---------|--|---|-------|---------------------------------|
| 0 | Prerequisite | Modulation and Demodulation Techniques, PSTN | 02 | |
| I | Fundamentals Wireless Communication | Fundamentals of Wireless Communication, Advantages, limitations and application, wireless media, Infrared Modulation Techniques, DSSS and FHSS, Frequency Spectrum: Radio and Infrared; Wireless generations: 1G: Cellular, 2G: Mobile Radio, 3G: UMTS- Security related Encryption Algorithm, 4G | 07 | CO1 |
| II | Evolution of Wireless Technologies | Multiple Access Technique: TDMA, FDMA, CSMA, CDMA Wireless Technologies: GSM, GPRS, EDGE, CDMA, LTE, UMTS | 10 | CO1 CO2 |
| III | Types of Wireless Networks | Ad-hoc: MANET & VANET, Application, Advantage and limitations; Wireless Sensor Network: Application, advantages and limitations | 09 | CO1 CO3 |
| IV | Emerging Wireless Technologies and standards | WLL, WLAN- 802.11 (Wi-Fi), WPAN- 802.15.1/3/4 (Bluetooth, Zigbee), WMAN-802.16a (Wi-max), Wi-max and LTE /3GPP comparison, Mi-fi, Ly-fi, | 10 | CO1 CO2 CO4 |
| V | Wireless Network Design Considerations | Wireless technology, Cisco Unified Wireless Network, Designing Wireless Networks with Lightweight Access Points and Wireless LAN Controllers | 07 | CO1 CO2 CO3 CO4 CO5 |
| VI | Wireless Network Security | The need, attacks, security services, WEP, Mobile IP, VPN (PPTP, L2TP, IPsec), Network Layer Security, Transport Layer Security, Email Security: PGP, S/MIME, Internet Firewalls for Trusted System | 07 | CO1 CO2 CO3 CO6 |

University of Mumbai, B.E. (Information Technology), Rev 2016

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Kanakiya Park, Mira Road (E.)



Text Books:

1. Cellular Communications: A Comprehensive and Practical Guide, Nishith Tripathi, Jeffery H Reed, Wiley
2. Wireless Mobile Internet Security, 2nd Edition, Man, Young Rhee, Wiley- IEEE press
3. Designing for Cisco Internetwork Solutions (DESIGN), 2nd Edition, CCDA, Diane Teare, Cisco Press.

References:

1. Introduction to Digital mobile communication, 2nd Edition, Yoshihiko Akaiwa
2. "Wireless Communications and networks", William Stallings, Pearson / Prentice Hall
3. Wireless communication and networking, Vijay Garg

Assessment:


Internal Assessment for 20 marks:

Consisting of Two Compulsory Class Tests

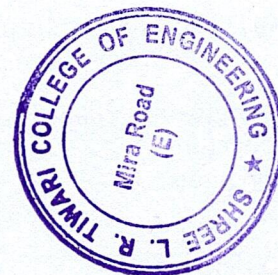
Approximately 40% to 50% of syllabus content must be covered in First test and remaining 40% to 50% of syllabus contents must be covered in second test.

End Semester Examination: Some guidelines for setting the question papers are as:

- Weightage of each module in end semester examination is expected to be/will be proportional to number of respective lecture hours mentioned in the syllabus.
- Question paper will comprise of total six questions, each carrying 20 marks.
- Q.1 will be compulsory and should cover maximum contents of the syllabus.
- Remaining question will be mixed in nature (for example if Q.2 has part (a) from module 3 then part (b) will be from any other module. (Randomly selected from all the modules.)
- Total four questions need to be solved.


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Kanakiya Park, Mira Road (E.)



(3 Hours)

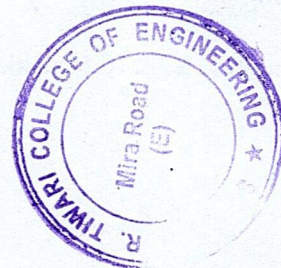
(80 marks)

Note: Question No.1 is compulsory
Answer any three questions out of any remaining five questions
Figures in right indicate marks
Diagrams to be drawn neatly & should be legible

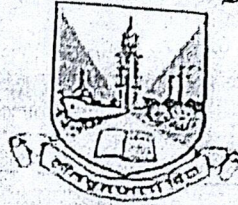
- Q1 a) The channel data rate is 270.833kbps in GSM standard that is 40% of theoretical maximum data rate that can be supported in a 200kHz channel bandwidth. Calculate the corresponding theoretical S/N required. [4]
- b) Write in brief about WLAN technology and discuss about Hidden exposed terminal problem in WLAN. [4]
- c) Explain frequency reuse concept with neat diagram and state the mechanism to calculate frequency re-use distance q . [4]
- d) Write about the GSM logical channel hierarchy in detail. [4]
- e) Discuss about UMTS 3G security with neat flow diagram. [4]
- Q2.a) Write in detail the working of Reverse link CDMA system. In an IS-95 system calculate the processing gain in dB if the baseband data rate is 9.6kbps, 4.8kbps, 2.4kbps & 1.2 kbps in rate set 1. If the error correction codes increase the data rate to 19.2kbps, recalculate the processing gain. Comment on the results obtained. [10]
- Q2.b) Explain with neat diagram about DSSS technique in detail with types of spread spectrum. [10]
- Q3. a) Explain the working of WEP protocol in detail with neat diagram. [10]
- Q3. b) Write in detail about the need of internet firewalls for trusted system in wireless networks. [10]
- Q4. a) Draw and explain the GPRS architecture in detail with neat diagram. [10]
- Q4. b) Discuss and compare between MANET & VANET architecture with its applications. [10]
- Q5. a) A mobile communication system is allocated RF spectrum of 25 MHz and uses RF channel bandwidth of 25 KHz so that a total number of 1000 voice channels can be supported in the system.
- i) If the cell service area is divide into 20 cells with a frequency reuse factor of A, calculate the system capacity.
- ii) The cell size is reduced to the extent that the service area is now covered with 100 cells. Compute the system capacity while keeping the frequency reuse factor as 4.
- Q5. b) Explain in detail the working of forward link CDMA system with neat diagram. [10]
- Q6. Write in detail on any four of the following: [20]
- a) UMTS Architecture
 - b) wireless sensor network architecture
 - c) Bluetooth architecture
 - d) A 5/1 of GSM architecture
 - e) WPAN 802.15.1 standard

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Principal



University of Mumbai



24 June, 2019

DBOEE/ICF/2019-20/100

To,
Shri. Subhash Athvale
General Secretary, MUCTA,
Yashwant Bhavan, First Floor,
Pandurang Budhkar Marg,
Behind Deepak Cinema,
Lower Parel, Mumbai - 400013

Ref :- Your letter no. 11/2019, dated 31/05/2019.


Sub :- Grievance regarding "Wireless Network" question paper.

Sir,

With reference to above subject, the same was discussed by the Board of Studies (IT Engineering) at its meeting held on 12/06/2019 wherein it was resolved as under :-

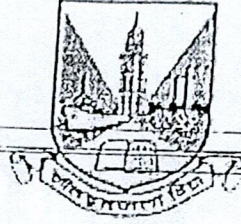
- 1) All questions asked are part of syllabus.
- 2) No need to give extra marks to students.
- 3) Orientation programs are for discussion and lab and outline of syllabus and never discuss question papers. Hence based on orientation program, question is out of syllabus is not correct way to interpret it.

This is for your information.


(Dr. Vinod P. Patil)
Director
Board of Examinations & Evaluation

SHOT ON REDMI NOTE5 PRO
MI DUAL CAMERA

University of Mumbai



Manuscripts Unit.
Examinations Section

No. EX/ECC/2019-20/ 494

CIRCULAR :-

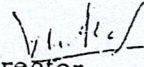
It is hereby informed to all the concerned regarding query received from students in the subject of Antenna & Radio Wave Propagation at T. E. (Electronic & Telecommunication) (Sem VI) (CBCGS), (R- 2016) (QP Code - 67906) Examination held on 22nd May, 2019. The said representation was sent to the subject chairman for his remark/opinion in the matter. The subject chairman has given his opinion/remark as under :-

" The question has appeared for 10 marks and we observed that Binomial distribution is not from the syllabus. Therefore, we as the subject paper setter and chairman suggest that 'students who have attempted question 4 (b), may be considered for 10 marks. "

In view of the above, CAP, CCF, Result, Revaluation section & other concerned section's are hereby requested to take necessary action accordingly in the matter.

Mumbai – 400 098.

14th June, 2019


Director,

Board of Examinations and Evaluation

Copy to information to :-

1. The Director CCF, The Deputy Registrar, CAP/Revaluation/Results, Examinations Section, Vidyanagari Campus, Mumbai – 400 098, for information and necessary action.
2. The Principal of concerned Engineering Colleges for necessary action.



Shree Lal Education Society's (Regd.)
SHREE L. R. TIWARI COLLEGE OF ENGINEERING
Kanaki Park, Near Commissioner's Bungalow, Mira Road (East), Thane 401107, Maharashtra
(Approved by AICTE, Govt. of Maharashtra & Affiliated to University of Mumbai)
Tel. No.: 022-65295732 / 022-65142376 | Email: sltce@rahuleducation.com | Website: www.sltce.in

Exam related Grievance form

Name of Student: Abhishek S. Pandey

Branch: Mechanical

Sem: 3rd

Exam: Nov-Dec 2018/May-June 2019

Query:

In Production Process in Internal Assessment, I got
8 marks instead of 18 marks.

Sheet 1

Page 14

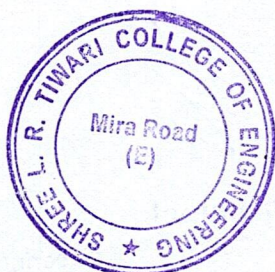
Action taken:

Document related to Term test 1 & 2 are attached
& rectify corrected

Prof. Swapna Patil
Exam Coordinator

Dr. Lahu Teli
Incharge of Examination

Dr. S. Ram Reddy
Principal



Principal
Shree L. R. Tiwari College of Engineering
Kanakiya Park, Mira Road (E.)

To;

The Exam Incharge,
SLRTCE, Mira Road.

Sub:- Incorrect Entry of Term Test Marks.

Respected Sir,

I Durgeshkumar Pal, Currently Working as Assistant Professor in Department of Mechanical Engineering, hereby brings to your notice that I have mistakenly entered the wrong marks for the student named PANDEY ABHISHEK SURYAPRAKASH seat no 18DC63703. Details of the marks are attached with the attendance sheet.

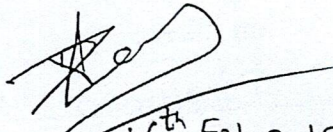
Please consider the marks mentioned below.

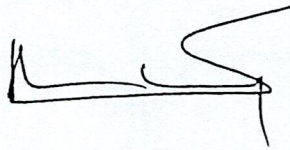
| Term Test 1 | Term Test 2 | Average |
|-------------|-------------|---------|
| 16 | 20 | 18 |

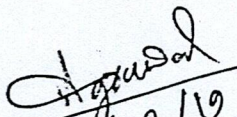
With sincere apologies, I request you to kindly consider the correction in the interest of future of the student.

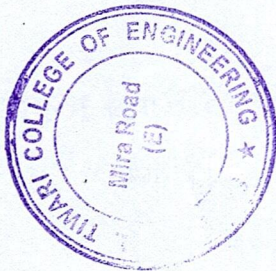
Thanking you.


Yours Hopefully


16th Feb 2019
Durgeshkumar Pal




16/02/19
Vikash Agrawal
(H.O.D. Mechanical)




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Kanakpura Park, Mira Road (E.)



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Kanakiya Park, Mira Road, District Thane, Maharashtra
(Approved by AICTE, Govt. of Maharashtra & Affiliated to University of Mumbai)
All the candidates will receive a hard copy of their marks on the date mentioned below

DEPARTMENT OF MECHANICAL ENGINEERING

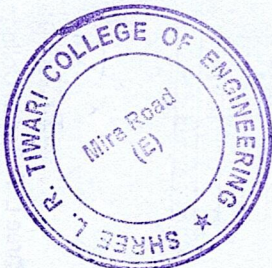
MECHANICAL ENGINEERING - I

Academic Year: 2018-19

CLASS: BE (SEM I)

SUBJECT: Production

| Roll No. | Name of Student | Marks out of 30 |
|----------|----------------------------------|-----------------|
| 1 | RAJESH SHIRDIKAR | 14 |
| 2 | ANNAJI KHAMARJI DADUJI SHIRDIKAR | 04 |
| 3 | BANDU KHAMARJI SHIRDIKAR | 04 |
| 4 | SHILPA A. J. SHIRDIKAR | 13 |
| 5 | SHARADKAR SANJAY SHIRDIKAR | 13 |
| 6 | CHANDHAR BIRESH MAHARAJ | 19 |
| 7 | CHANDHAR KISHORJI MAHARAJ | 13 |
| 8 | CHANDASAMA VIKRANT PRAYAG | 12 |
| 9 | DAKYE NITESH SHIRDIKAR | 12 |
| 10 | DEVIKA KUPESH KIRJI | 19 |
| 11 | DILAWADKAR NITESH GAJANAN | 16 |
| 12 | DUBBY PRATIK RAJENDRANASAD | 14 |
| 13 | GAUTAM SHIVANI SANTOSH | 15 |
| 14 | GUPTA ASHISHKUMAR RAJKUMAR | 10 |
| 15 | GUPTA KUNAL DINESH | 11 |
| 16 | GUPTA SAHIL HASANILAL | 10 |
| 17 | GUPTA SHUBHAM KUMAR SHIVPRASAD | 06 |
| 18 | HANDE HIRSHIKESH DALASAMJI | 08 |
| 19 | JAINYAL SHIVANI AJAY | 20 |
| 20 | JHA MILIND KANIKESH | 12 |
| 21 | KANNAOLIYA PRASHANT CHAMPANILAL | 05 |
| 22 | KANOLIA DINESH RAMKUMAR | 05 |
| 23 | KUAN SOHIL LALIT | 00 |
| 24 | KHUTAL RAHUL KASHINATH | 20 |
| 25 | KULKARNI ADARSH SANJAY | 04 |
| 26 | KULKARNI SIDDHARTH HEMANT | 13 |
| 27 | KUNDALA ANKIT HARIBHAI | 14 |
| 28 | MALIK MOHAMMAD WAISAL | 11 |
| 29 | MUATKE ARASHIYA VIKAS | 09 |
| 30 | MISHRA NISHUL HARSHESH | 17 |
| 31 | MISTRY UDAYSHI KIJAN | 13 |
| 32 | MOHAMMAD NASIM AHMED USMAN | 13 |
| 33 | MUSTAWALLA MUHAMMAD SHAMIR | 09 |
| 34 | NAIK MANISH SANJAY | 14 |
| 35 | OZA SURABH RAJESH | 19 |
| 36 | OZA RAHUL KANAIYALAL | 14 |
| 37 | PALAMUTKUMAR LALIT HARSHAD | 16 |
| 38 | PALONI RAMDIPANI | 07 |
| 39 | PANDEY ANURAG K. KURYSAPURKAMANI | 14 |
| 40 | | 6 |



(Signature)
Principal

(Signature)
Date & Sign of Subject Incharge



SHREE L. R. TIWARI COLLEGE OF ENGINEERING

Shree Balaji Education Society's (1964)
Kanaki Park, Near Comptons Road, Mira Road (East), Thane 401107, Maharashtra
(Approved by AICTE, Govt. of Maharashtra & Affiliated to University of Mumbai)
Tel. Nos. 872-6828833, 822-6812328 | Email: shree@shreeeducation.com | Website: www.shree.edu

ATTENDANCE SHEET FOR TERM TEST-I

Academic Year: 2018-2019

DEPARTMENT OF MECHANICAL ENGINEERING

CLASS: SEM I MECH (U)

DATE: 21-09-2018

BLOCK NO: 5061

SUBJECT: PP-I

TIME: 10:30 am - 11:30 am SEM III

| Roll No. | Name of Students | Signature |
|----------|-----------------------------------|-------------|
| 1 | RAJESH SHRINIVASAN | [Signature] |
| 2 | ANSARI MOHAMMED AAOJIB SUKURULLAH | [Signature] |
| 3 | RANE MOHIL MILIND | [Signature] |
| 4 | BILLAVA JEEVAN KRISHNA | [Signature] |
| 5 | CHARAIKAR SAMARTH SUSHIR | [Signature] |
| 6 | CHOUDEKAR DINESH MAHARAJ | [Signature] |
| 7 | CHOUDEKAR NHD FAIZAN SIKANDER | [Signature] |
| 8 | CHUDASAMA VIVEK PRAVIN | [Signature] |
| 9 | DARVE NITISH SHRIDHAR | [Signature] |
| 10 | DESHIA RUPESH KIRIT | [Signature] |
| 11 | DHAWADEKAR NITESH GAJANAN | [Signature] |
| 12 | DUBEY PRATIK RAJENDRAPRASAD | [Signature] |
| 13 | GAUTAM SHIVAM SANTOSH | [Signature] |
| 14 | GUPTA ASHISHKUMAR RAJKUMAR | [Signature] |
| 15 | GUPTA ROHIT DINESH | [Signature] |
| 16 | GUPTA SACHIN BASANTLAL | [Signature] |
| 17 | GUPTA SHUBHAM KUMAR SHIVPRASAD | [Signature] |
| 18 | HANDE HRUSHIKESH BALASAJIB | [Signature] |
| 19 | JAIWAL SHIVAM AJAY | [Signature] |
| 20 | JHA MILIND KAMLESH | [Signature] |
| 21 | KANAKAUNIYA PRASHANT CHAMPANLAL | [Signature] |
| 22 | KANOJA DIPESH RAMKUMAR | [Signature] |
| 23 | KHAN SOMER LAIK | [Signature] |
| 24 | KHUTAL RAHUL KASHINATH | [Signature] |
| 25 | KULKARNI ATHARVA SANJAY | [Signature] |
| 26 | KULSHRESTH SIDDHARTH HEMANT | [Signature] |
| 27 | KUNDALA ANKIT BABURAJ | [Signature] |
| 28 | MALIK MOHD. ASIF QAISAR | [Signature] |
| 29 | MHATRE ARADHYA VIVEK | [Signature] |
| 30 | MISHRA NIRHIL HARIKESH | [Signature] |
| 31 | MISTRY URVESH KETAN | [Signature] |
| 32 | MOHD. NASIM AHMED USAID | [Signature] |
| 33 | MOPIWALLA HUSSAIN SHABBIR | [Signature] |
| 34 | NAIK MANISH SANJAY | [Signature] |
| 35 | OZA CHIRAG RAJENDRA | [Signature] |
| 36 | OZA RAHUL KANAIYALAL | [Signature] |
| 37 | PAL AMITKUMAR LALTPRASAD | [Signature] |
| 38 | PAL OM KAMDHANI | [Signature] |
| 39 | PANDEY ABHIRAM SURYAPRAKASH | [Signature] |

| | |
|----------------------------|----|
| Total no of students | 39 |
| Number of students present | 39 |
| Number of students absent | 00 |

[Signature]
21/09
Senior Supervisor

[Circular Stamp: SHREE L. R. TIWARI COLLEGE OF ENGINEERING, Mira Road (E)]
Name and signature of supervisor

[Signature]
21/09/2018
(MS. SAUMIYA S. NAIR)

[Signature]
Principal
Shree L. R. Tiwari College of Engineering
Kanakiya Park, Mira Road (E.)



Shree Lal Education Society's (Regd.)
SHREE L. R. TIWARI COLLEGE OF ENGINEERING

Kanaki Park, Near Cankarimam's Bungalow, Mira Road (East), Thane 401107, Maharashtra
(Approved by AICTE, Govt. of Maharashtra & Affiliated to University of Mumbai)
Tel. No.: 022-45195731 / 022-45142374 | Email: shree@shreeeducation.com | Website: www.shree.edu

DEPARTMENT OF MECHANICAL ENGINEERING

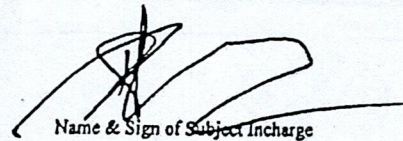
MARKSHEET SHEET FOR TERM TEST - II

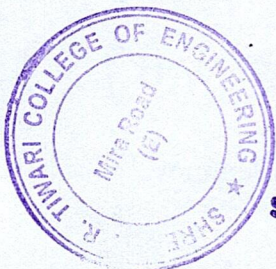
Academic Year: 2018-19

SUBJECT: Production Process I CLASS: SE MECH (B)

SEM: III

| Roll No. | Name of Students | Marks out of 20 |
|----------|-----------------------------------|-----------------|
| 1 | RAJESH SHRINIVASAN | 19 |
| 2 | ANSARI MOHAMMED AAQUIB SUKURULLAH | 13 |
| 3 | BANE MOHIL MILIND | 19 |
| 4 | BILLAVA JEEVAN KRISHNA | 20 |
| 5 | CHARAIKAR SAMARTH SUDHIR | 20 |
| 6 | CHOUDHARY DINESH MANARAM | 19 |
| 7 | CHOUDHARY MHD.FAIZAN SIKANDER | 17 |
| 8 | CHUDASAMA VIVEK PRAVIN | 16 |
| 9 | DARVE NITISH SHRIDHAR | 20 |
| 10 | DEDHIA RUPESH KIRTI | 20 |
| 11 | DHAWADEKAR NITESH GAJANAN | 15 |
| 12 | DUBEY PRATIK RAJENDRAPRASAD | 17 |
| 13 | GAUTAM SHIVAM SANTOSH | 18 |
| 14 | GUPTA ASHISHKUMAR RAJKUMAR | 17 |
| 15 | GUPTA ROHIT DINESH | 16 |
| 16 | GUPTA SACHIN BASANTLAL | 08 |
| 17 | GUPTA SHUBHAM KUMAR SHIVPRASAD | 20 |
| 18 | HANDE HRISHIKESH BALASAHEB | 16 |
| 19 | JAISWAL SHIVAM AJAY | 17 |
| 20 | JHA MILIND KAMLESH | 19 |
| 21 | KANNAUJIYA PRASHANT CHAMPAKLAL | 18 |
| 22 | KANOJIA DIPESH RAMKUMAR | 20 |
| 23 | KHAN SOHEB LAIK | 14 |
| 24 | KHUTAL RAHUL KASHINATH | 20 |
| 25 | KULKARNI ATHARVA SANJAY | 20 |
| 26 | KULSHRESTH SIDDHARTH HEMANT | 20 |
| 27 | KUNDALA ANKIT BABURAJ | 18 |
| 28 | MALIK MOHD.ASIF QAISAR | 17 |
| 29 | MHATRE ARADHYA VIVEK | 20 |
| 30 | MISHRA NIKHIL HARIKESH | 18 |
| 31 | MISTRY URVESH KETAN | 18 |
| 32 | MOHD.NASIM AHMED USAID | 17 |
| 33 | MOTIWALLA HUSSAIN SHABBIR | 19 |
| 34 | NAIK MANISH SANJAY | 16 |
| 35 | OZA CHIRAG RAJENDRA | 18 |
| 36 | OZA RAHUL KANAIYALAL | 11 |
| 37 | PAL AMITKUMAR LALTAPRASAD | 17 |
| 38 | PAL OM RAMDHANI | 20 |
| 39 | PANDEY ABHISHEK SURYAPRAKASH | 20 |


Name & Sign of Subject Incharge




Principal

Shree L. R. Tiwari College of Engineering
Kanakiya Park, Mira Road (E)



SHREE L. R. TIWARI COLLEGE OF ENGINEERING

Kanakiya Park, Near Commissioner's Bungalow, Mira Road (East), Thane 401107, Maharashtra
 (Approved by AICTE, Govt. of Maharashtra & Affiliated to University of Mumbai)
 Tel. No.: 022-45295732 / 022-45143376 | Email: shree@rahuleducation.com | Website: www.shree.lk

ATTENDANCE SHEET FOR TERM TEST - II
 Academic Year: 2018-2019

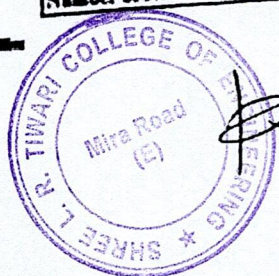
SUBJECT: PP-I
 TIME: 3:30 to 4:30

DEPARTMENT OF MECHANICAL ENGINEERING
 CLASS: SE MECH (B)
 SEM: III

DATE: 15/10/18
 BLOCK NO:

| Roll No. | Name of Students | Signature |
|----------|-----------------------------------|-------------|
| 1 | RAJESH SHRINIVASAN | [Signature] |
| 2 | ANSARI MOHAMMED AAQUIB SUKURULLAH | [Signature] |
| 3 | BANE MOHIL MILIND | [Signature] |
| 4 | BILLAVA JEEVAN KRISHNA | [Signature] |
| 5 | CHARAIKAR SAMARTH SUDHIR | [Signature] |
| 6 | CHOUDHARY DINESH MANARAM | [Signature] |
| 7 | CHOUDHARY MIHD FAIZAN SIKANDER | [Signature] |
| 8 | CHUDASAMA VIVEK PRAVIN | [Signature] |
| 9 | DARVE NITISH SHRIDHAR | [Signature] |
| 10 | DEDHIA RUPESH KIRIT | [Signature] |
| 11 | DHAWADEKAR NITESH GAJANAN | [Signature] |
| 12 | DUBEY PRATIK RAJENDRAPRASAD | [Signature] |
| 13 | GAUTAM SHIVAM SANTOSH | [Signature] |
| 14 | GUPTA ASHISHKUMAR RAJKUMAR | [Signature] |
| 15 | GUPTA ROHIT DINESH | [Signature] |
| 16 | GUPTA SACHIN BASANTLAL | [Signature] |
| 17 | GUPTA SHUBHAM KUMAR SHIVPRASAD | [Signature] |
| 18 | HANDE IRISHIKESH BALASAHEB | [Signature] |
| 19 | JAIWAL SHIVAM AJAY | [Signature] |
| 20 | JHA MILIND KAMLESH | [Signature] |
| 21 | KANNAUJIYA PRASHANT CHAMPKALAL | [Signature] |
| 22 | KANOJIA DIPESH RAMKUMAR | [Signature] |
| 23 | KHAN SOHIB LAIK | [Signature] |
| 24 | KHUTAL RAHUL KASHINATH | [Signature] |
| 25 | KULKARNI ATHARVA SANJAY | [Signature] |
| 26 | KULSHRESTH SIDDIHARTI HEMANT | [Signature] |
| 27 | KUNDALA ANKIT BABURAJ | [Signature] |
| 28 | MALIK MOHD ASIF QAISAR | [Signature] |
| 29 | MHATRE ARADHYA VIVEK | [Signature] |
| 30 | MISHRA NIKHIL HARIKESH | [Signature] |
| 31 | MISTRY URVESH KETAN | [Signature] |
| 32 | MOHD NASIM AHMED USAID | [Signature] |
| 33 | MOTIWALLA HUSSAIN SHABBIR | [Signature] |
| 34 | NAIK MANISH SANJAY | [Signature] |
| 35 | OZA CHIRAG RAHENDRA | [Signature] |
| 36 | OZA RAHIL KAN MIYALAL | [Signature] |
| 37 | PAL AMITK MAR LALTAPRASAD | [Signature] |
| 38 | PAL OM RAMOHANI | [Signature] |
| 39 | PANDEY ANISHK SURYAPRAKASH | [Signature] |

| | |
|----------------------------|----|
| Total no of students | 39 |
| Number of students present | 39 |
| Number of students absent | 00 |



[Signature]
 Head Supervisor

[Signature]
 Signature of supervisor
 Abhijeet Kishor Rane

Scanned by CamScanner

[Signature]
 Principal
 Shree L. R. Tiwari College of Engineering
 Kanakiya Park, Mira Road (E.)

Abhishek . S. Pandey
SE - B,
Mechanical,
9619069389.

To,
The Exam Incharge,
SLRTCE,
Mira Road.

Subject's Internal Assessment Mark.

Respected Sir,

I Abhishek . S. Pandey, SE . B. Mechanical.
Sir, in Production Process I subject, I got Internal
Assesment I got 8 marks instead of 18 marks.

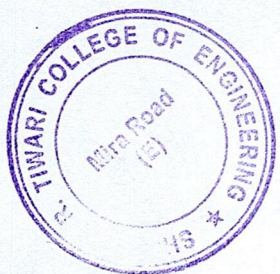
So, Sir kindly look into the same &
bring out a Amenable solution.

Yours faithfully,

X . S. Pandey.

Abhishek . S. Pandey.

Shree L. R. T. Engineering
Kanakiya Park, Mira (E.)





Exam related Grievance form

Name of Student: SINGH SHASHANKI. ABHAY SUNITA

Branch: ELECTRONICS AND TELECOMMUNICATION

Sem: M.E SEM I

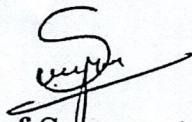
Exam: Nov-Dec 20__ / May-June 2018

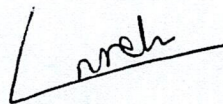
Query:

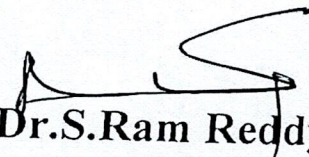
RESULT SHOWN AS ABSENT IN RESEARCH
METHODOLOGY EXAM FOR M.E MAY-JUNE-18

Action taken:

Send application & attendensheet of (RM)
M.E (EXTC) Students. to University


Prof. Swapna Patil
Exam Coordinator


Dr. Lahu Teji
Incharge of Examination


Dr. S. Ram Reddy
Principal




Principal
Shree L. R. Tiwari College of Engineering
Kanakiya Park, Mira Road (E.)

To,

Examination Section,
Mumbai University.

Subject:- Marked as Absent in Research Methodology
paper of M.E Sem II

Respected Sir/Madam,

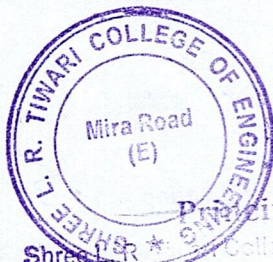
We the students of Shree L.R. Tiwari
College of Engineering, Mira Road are been
marked as absent in "Research Methodology"
paper of "Electronics and Telecommunication
Engineering" in ^{M.E} Sem II which exam was conducted
in 25th May 2018.

Below are the details of us.

| <u>Seat No.</u> | <u>Name of Candidate</u> | |
|-----------------|----------------------------------|-----------|
| 1700 | GHARAT ANJALI SANJAY SUNITA | Jehnat |
| 1701 | NAIK SNEHAL MANGESH VASANTI | Savit |
| 1702 | SINGH SHASHANKI ABHAY SUNITA | Shashanki |
| 1703 | TANDEL HELINA DINESH HEMLATTABEN | #Poj |

Please look for the changes and do the
needfull.

Thanking You.



Principal
Shree L.R. Tiwari College of Engineering
Kanakiya Park, Mira Road (E.)

OFFICE REGISTER FOR THE EXAMINATION OF M.E. (ELECTRONICS AND TELECOMMUNICATION ENGINEERING) (SEM-II) (CBCGS), HELD IN MAY 2018

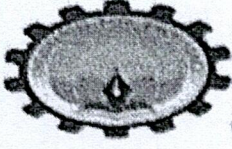
21 AUGUST 2018

Page: 34

SEAT NO NAME OF CANDIDATE REGN NO COLLEGE CENTRE: 161 L.R.TIWARI

| Subjects | 01: MODERN DIGITAL COMMUNICATION, 02: WIRELESS ADHOC AND SENSOR NETWORKS, 03: RF AND MICROWAVE ENGINEERING, 05: NETWORK AND CYBER SECURITY, 13: RESEARCH METHODOLOGY, | 17: LABORATORY-III (WIRELESS ADHOC AND SENSOR NETWORKS), 18: LABORATORY-IV (RF AND MICROWAVE ENGINEERING), | TH: THEORY, IN: INTERNAL ASSESSMENT, TW: TERM WORK, FO: PRACTICAL ORAL, | MAX/MIN | RESULT | REMARKS |
|---------------|---|--|---|-------------------------|-------------------------|-------------|
| TH 80/36 | 01 IN 100/45 80/36 20/9 | 02 TH 100/45 80/36 20/9 | 03 IN 100/45 80/36 20/9 | 05 TH 100/45 80/36 20/9 | 13 IN 100/45 80/36 20/9 | 17 FO 50/22 |
| TW 25/11 | 18 FO 50/22 | CR4 | CR4 | CR4 | CR4 | CR1 |
| 1703 / TANDEL | HELINA DINESH HEMLATTABEN | 175001574 | 890 L.R. TIWARI ENGG | | | |
| 050E | 018E | 073E | 047E | 020E | 067E | |
| C*G-CG C | O | B 4*8-32 D | O | C 4*7-28 B | C 4*7-28 B | |
| 021E | 021E | 042E | 042E | 056E | 019E | 075E |
| C*G-CG O | O | O 1*10=10 | O 1*10=10 | O 1*10=10 | O 1*10=10 | O 1*10=10 |
| al:384/600 | SGPA: /21= | | | | | |

29; e: O.5042, O.5043; *O.5045; EX: EXMP. CARRIED; /: FEMALE; AA: ABSENT; ADC: ADMN. CANCELLED; +: MARKS CARRIED; O.5050; RR: RESERVED; RV: PROVISIONAL E: EXEMPTION; IF HUNDRED GRADES / MARKS IN PERCENTAGE; GRADE POINTS : O ; 80 ; 10; A ; 75-79.99 ; 9.; B; 70-74.99; 8.; C ; 60-69.99 ; 7; 5-59.99 ; 6.; E ; 50-54.99 ; 5.; P ; 45-49.99 ; 4; F(FAIL); 45.00 AND BELOW; 1;



Shree Bahad Education Society's (Regd.)
SHREE L. R. TIWARI
COLLEGE OF ENGINEERING

(Approved by AICTE & DTE, Maharashtra State & Affiliated to University of Mumbai)
NAAC Accredited, NBA Accredited Program, ISO 9001:2015 Certified (DTE Code No. 3023)
Minority Status (Hindi Language)

Department of Information Technology

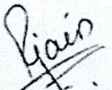
Date: 18/03/2023

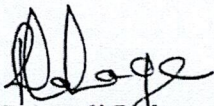
NOTICE

All the students of SE, TE, BE are informed that Open House will be conducted on Monday 20/03/2023 from 12.45 pm to 3.45 in respective classrooms.

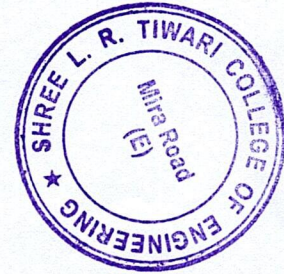
The Marks of Internal Assessment -1 will be shown . Please remain present for the Open House .

Please note that if you are unable to attend, your marks will not be shown again.


Mrs. Reera Kothari
Academic Coordinator


Dr. Roopali Lolage
HOD IT


Principal
Shree L. R. Tiwari College of Engineering
Kanakiya Park, Mira Road (E)
Kanakiya Park, Mira Road (E)
Shree L. R. Tiwari College of Engineering
Principal





Shree Rahul Education Society's (Regd.)
SHREE L. R. TIWARI
COLLEGE OF ENGINEERING

(Approved by AICTE & DTE, Maharashtra State & Affiliated to University of Mumbai)
 NAAC Accredited, NBA Accredited Program, ISO 9001:2015 Certified | DTE Code No. : 3423
 Minority Status (Hindi Lingulstle)

MARKSHEET SHEET FOR INTERNAL ASSESSMENT-I

Academic Year : 2022-23

SUB: **AT**

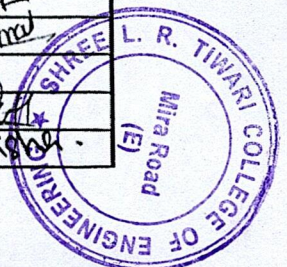
BRANCH: IT

SEM:IV

| Roll No. | Name of the Student | Marks out of 20 |
|----------|--------------------------------|----------------------|
| 1 | ALYANI AHAD ABID | 18 <i>Al. Abid</i> |
| 2 | ATTAR MOHAMMED ZAKI EJAZ AHMED | 10 <i>Attar</i> |
| 3 | AWALE VISHWAJEET BAPURAO | 08 <i>Awale</i> |
| 4 | AZMI MOHD UMER IFTEKHAR | 12 |
| 5 | BHANSALI TANMAY SANJAY | 16 <i>Tanmay</i> |
| 6 | DALVI OMKAR VILAS | 19 <i>Omkar</i> |
| 7 | DAVE ANIKET JITENDRA | 15 |
| 8 | DEY RAHUL BANMALI | 03 <i>Rahul</i> |
| 9 | DUBEY ANSHU PRAMODKUMAR | 08 |
| 10 | DUBEY PIYUSH SANJAY | 10 |
| 11 | DWIVEDI DHATRI BHOLENDRA | 16 <i>Dhatri</i> |
| 12 | GUPTA ANKIT KUMAR ASHOKKUMAR | 11 <i>Ankit</i> |
| 13 | GUPTA ANKITKUMAR UMASHANKAR | 19 <i>Ankit</i> |
| 14 | GUPTA BHAGWANDAS HARISHCHANDRA | 14 <i>Bhagwandas</i> |
| 15 | GUPTA JIKESH KRUSHNA | 10 <i>Jikesh</i> |
| 16 | GUPTA MANISH PAPPU | 15 <i>Manish</i> |
| 17 | GUPTA NANDINI GAURISHANKAR | 17 |
| 18 | JAISWAL SHIVANK BRIJESH | 09 <i>Brijesh</i> |
| 19 | JAVKAR HARSH SANTOSH | 18 <i>Harsh</i> |
| 20 | JHA GOPAL MANOJ | 18 <i>Gopal</i> |
| 21 | KHAN ISMAIL BILAL AHAMAD | 12 <i>Ismail</i> |
| 22 | KHAN MOHD ZAID MOHD AZAM | 20 <i>Zaid</i> |
| 23 | KHAN RAZA WARSI FAIZ WARSI | 10 |
| 24 | KHANVILKAR DEEP NARAYAN | 19 |
| 25 | KULKARNI PADMAJ VENKATESH | 17 <i>Padma</i> |
| 26 | LIMBACHIYA HARSH SHIRISH | 15 |
| 27 | MANSURI SABA ASLAM | 18 |
| 28 | MISHRA HIMANSHU BHUPENDRA | ←AB→ |
| 29 | MISHRA SUMIT SANJAY | 16 <i>Sumit</i> |
| 30 | MOHITE SAHIL NITIN | 16 <i>Sahil</i> |
| 31 | NISHAD ANJALI ASHOKKUMAR | 16 <i>Anjali</i> |
| 32 | PAL YASH ANIL | 15 <i>Yash</i> |
| 33 | PANDEY HEMANT KARAN | 08 <i>Hemant</i> |
| 34 | PANDEY KOMAL SHIESHNARYAN | 08 <i>Komal</i> |
| 35 | PANDEY SACHIIN PHOOLCHAND | 20 |
| 36 | PATIL KARTIK VIVEK | 02 <i>Kartik</i> |
| 37 | PATRA ANISHA ANANDA | 13 <i>Anisha</i> |

Principal

Shree L. R. Tiwari College of Engineering
 Kanakya Park, Mira Road (E.)





Shree Rahul Education Society's (Regd.)
SHREE L. R. TIWARI
COLLEGE OF ENGINEERING

(Approved by AICTE & DTE, Maharashtra State & Affiliated to University of Mumbai)
 NAAC Accredited, NBA Accredited Program, ISO 9001:2015 Certified | DTE Code No. : 3423
 Minority Status (Hindi Linguistic)

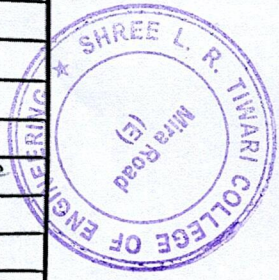
MARKSHEET SHEET FOR INTERNAL ASSESSMENT-I

Academic Year : 2022-23

SUB: COA BRANCH: IT SEM:IV

| Roll No. | Name of the Student | Marks out of 20 |
|----------|--------------------------------|-----------------|
| 1 | ALYANI AHAD ABID | 10 |
| 2 | ATTAR MOHAMMED ZAKI EJAZ AHMED | 08 |
| 3 | AWALE VISHWAJEET BAPURAO | 09 |
| 4 | AZMI MOHD UMER IFTEKHAR | 08 |
| 5 | BHANSALI TANMAY SANJAY | 11 |
| 6 | DALVI OMKAR VILAS | 15 |
| 7 | DAVE ANIKET JITENDRA | 11 |
| 8 | DEY RAHUL BANMALI | 02 |
| 9 | DUBEY ANSHU PRAMODKUMAR | 09 |
| 10 | DUBEY PIYUSH SANJAY | 08 |
| 11 | DWIVEDI DHATRI BHOLENDRA | 11 |
| 12 | GUPTA ANKIT KUMAR ASHOKKUMAR | 09 |
| 13 | GUPTA ANKITKUMAR UMASHANKAR | 13 |
| 14 | GUPTA BHAGWANDAS HARISHCHANDRA | 08 |
| 15 | GUPTA JIKESH KRUSHNA | 02 |
| 16 | GUPTA MANISH PAPPU | 11 |
| 17 | GUPTA NANDINI GAURISHANKAR | 09 |
| 18 | JAIWAL SHIVANK BRIJESH | 09 |
| 19 | JAVKAR HARSH SANTOSH | 11 |
| 20 | JHA GOPAL MANOJ | 16 |
| 21 | KHAN ISMAIL BILAL AHAMAD | 05 |
| 22 | KHAN MOHD ZAID MOHD AZAM | 17 |
| 23 | KHAN RAZA WARSI FAIZ WARSI | 08 |
| 24 | KHANVILKAR DEEP NARAYAN | 17 |
| 25 | KULKARNI PADMAJ VENKATESH | 12 |
| 26 | LIMBACHIYA HARSH SHIRISH | 14 |
| 27 | MANSURI SABA ASLAM | 10 |
| 28 | MISHRA HIMANSHU BHUPENDRA | < AB > |
| 29 | MISHRA SUMIT SANJAY | < AB > |
| 30 | MOHITE SAHIL NITIN | 14 |
| 31 | NISHAD ANJALI ASHOKKUMAR | 16 |
| 32 | PAL YASH ANIL | 08 |
| 33 | PANDEY HEMANT KARAN | 08 |
| 34 | PANDEY KOMAL SHESHNARYAN | 04 |
| 35 | PANDEY SACHIIN PHOOLCHAND | 12 |
| 36 | PATIL KARTIK VIVEK | 06 |
| 37 | PATRA ANISHA ANANDA | 09 |

Principal





Grievance Redressal Cell Minutes of the Meeting

Minutes of the 7th Meeting of the, Students' Grievances Redressal Committee, (Shree L R Tiwari College of Engineering) of the academic year 2019-2020, scheduled was held on 07th October 2019, at 2.30 p.m., in the Board room of the college.

The meeting of the Students' Grievances Redressal Committee started at 2.30 p.m. under the Chairmanship Dr. Ram Reddy (Principal).

The following members were present:

1. Dr. Ram Reddy (Convenor)
2. Dr. Vinayak Shinde
3. Prof. Shruti Patil
4. Prof. Neelam Phadnis
5. Mr. Santosh Hubale (Office Superintendent)

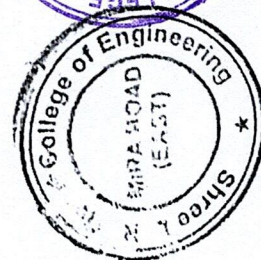
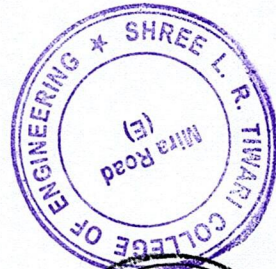
Initially the Convenor welcomed all the members. Afterwards the business of the meeting started by taking up the agenda for consideration.

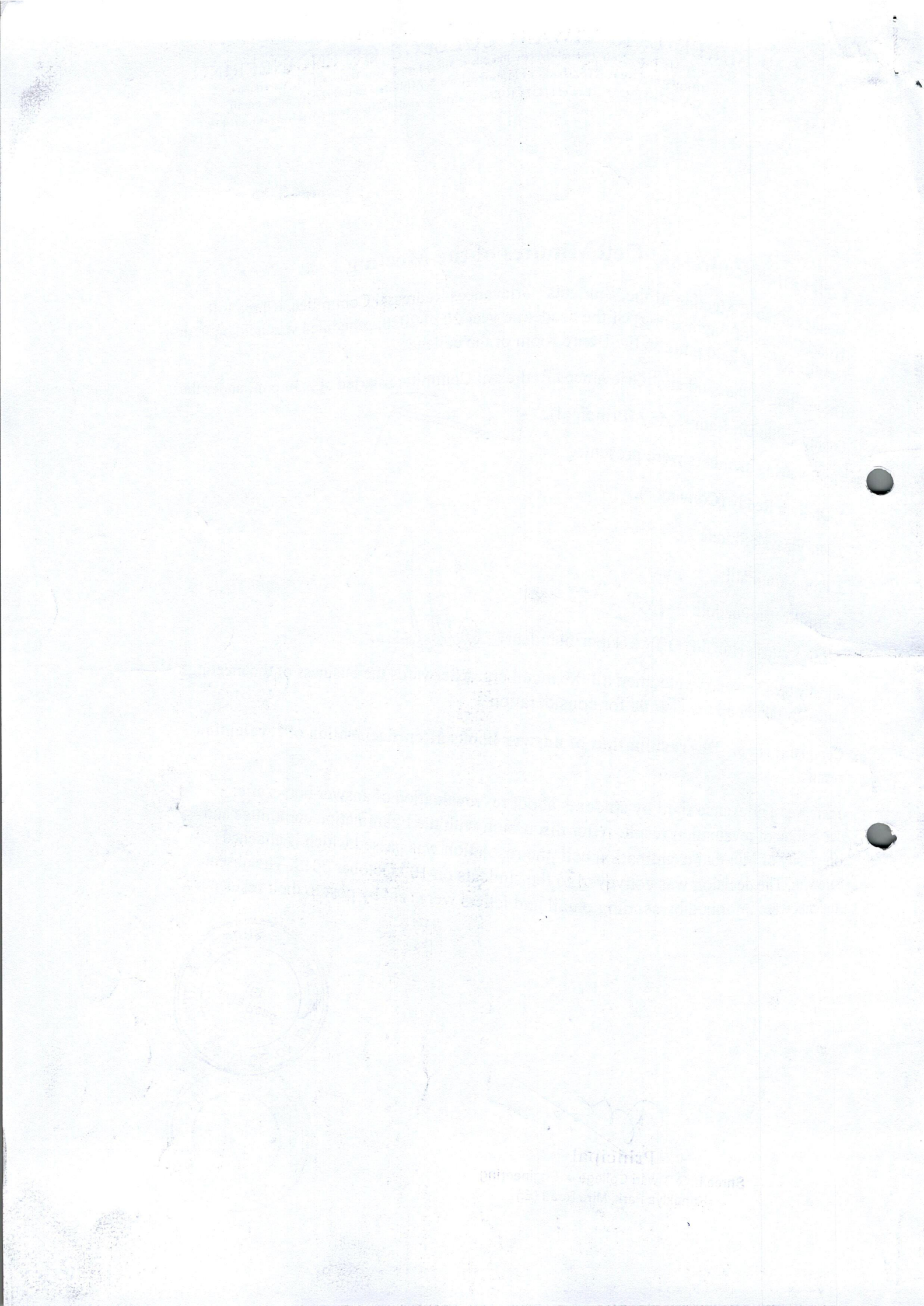
Complaint No 6. Re- revaluation of answer books after declaration of revaluation result .

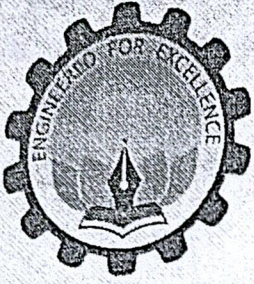
There was a grievance filed by students about re- revaluation of answer books after declaration of revaluation result. After discussion with the Examination committee and University of Mumbai examination cell, the resolution was passed which is attached herewith. The decision was conveyed to the students on 10th October 2019. The absent students were informed by sending email and letters were sent by post to their residence.


Principal

Shree L. R. Tiwari College of Engineering
Kanakia Park, Mira Road (E.)







SHREE L. R. TIWARI COLLEGE OF ENGINEERING

(Approved by AICTE & DTE, Govt. of Maharashtra State & Affiliated to
University of Mumbai) ISO 9001 : 2008 Certified • DTE Code No. 3423

Ref. No. : SLRTE/CGRC/2019-2019

Date : 10/10/2019

College Grievance Redressal Cell

Sub: Resolution of the grievance filed on 27/09/2019.

This is to inform you that Shree L.R Tiwari College of Engineering is approved by AICTE, recognized by DTE, Maharashtra and affiliated to University of Mumbai. The college has binding to follow Maharashtra University Act 2016, Rules, Regulations, Statutes, Ordinances, Circulars and Directions of the University of Mumbai or any other regulations for the time being in force.

The College Grievance Redressal Cell (CGRC) has dealt with the grievance filed on the basis of the provisions of the Act, Rules, Regulations, Statutes, Ordinances, Circulars and Directions of the University of Mumbai and on the basis of natural justice, equity and good conscience.

Regarding your grievance

Date of Grievance Received: 27/09/2019

Nature of Grievance: Request for Re-valuation of answer-books after declaration of revaluation result.

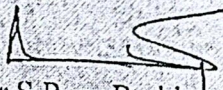
Date of Student Grievance heard: 05/10/2019


Date of Meeting conducted: 07/10/2019

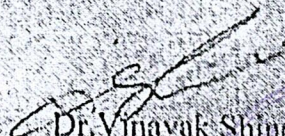
Reference Circular: VCD/1 of 2016 (University of Mumbai)

Resolution: Students' request for re-valuation cannot be fulfilled.

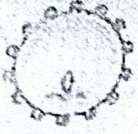
The student grievance was heard by the CGRC. After thorough discussion it was resolved that as per the university circular VCD/1 of 2016 regarding rules and procedures for providing photocopies of assessed answer-books to the examinee and process of Revaluation of answer-books, Sr.No 39 & 44 as defined, the answer-books already revaluated shall not be moderated or further re-valuation unless so directed by the Vice Chancellor in exceptional cases. Students' request for re-valuation cannot be fulfilled.


Dr. S Ram Reddy
(Chairperson)


Mrs. Shruti Patil
(Member Secretary)


Dr. Vinayak Shinde
(Member)





Shree Rahul Education Society's (Regd.)
SHREE L. R. TIWARI COLLEGE OF ENGINEERING
Kanaki Park, Near Commissioner's Bungalow, Mira Road (East), Thane 401107, Maharashtra
(Approved by AICTE, Govt. of Maharashtra & Affiliated to University of Mumbai)
NAAC Accredited | ISO 9001:2015 Certified
Tel. No.: 022-28120144 | 022-28120145 | Email: slrtee@rahuleducation.com | Website: www.slrtee.in

Ref No. SLRTEE/CGRC/2019-20/19

Date: 10/10/2019

To,

Mr. Sushant Andhale

Seat No-19MC64587,

Department of Mechanical Engineering,


Shree L.R Tiwari College of Engineering,

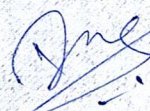
Sub: Resolution of the grievance filed on 27/09/2019.

Dear Student,

This is to inform you that as per the grievance application filed with College CGRC, after hearing of the grievance a meeting was conducted on 07/10/2019 and resolution was passed. You may find enclosed the resolution passed regarding the same.

Shree L.R Tiwari College of Engineering
Grievance Redressal Committee
(Shree L.R Tiwari College of Engineering)

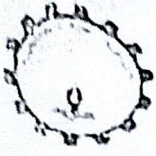

Shrutí Patil
(Member Secretary)


Principal

Shree L. R. Tiwari College of Engineering
Kanakiya Park, Mira Road (E.)







SHREE L. R. TIWARI COLLEGE OF ENGINEERING

Shree Rahul Education Society's (Regd.)
Kanakiya Park, Near Commissioner's Bungalow, Mira Road (East), Thane 401107, Maharashtra
(Approved by AICTE, GOVT. of Maharashtra & Affiliated to University of Mumbai)
NAAC Accredited | ISO 9001:2015 Certified
Tel. No.: 022-28120144 / 022-28120145 | Email: slrtee@rahuleducation.com | Website: www.slrtee.in

Ref No. SLRTEE/L&RC/2019-20/2

Date: 04/10/2019

To,

Mr. Sushant Andhale

Seat No-19MC64587,

Mechanical Department,

Shree L.R Tiwari College of Engineering.

Sub: Intimation to attend meeting regarding grievance filed with CGRC.

Dear Student,

This is to inform you that as per the grievance application filed with College CGRC, you are requested to attend the meeting to be held on Saturday 5th October 2019 at 1.00 pm in board room of our college.

College Grievance Redressal Committee
(Shree L.R Tiwari College of Engineering)

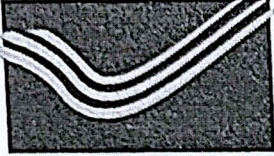
Mrs. Shruti Patil
(Member Secretary)

Principal

Shree L. R. Tiwari College of Engineering
Kanakiya Park, Mira Road (E.)

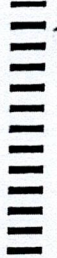


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Mrs Shrutti Patil

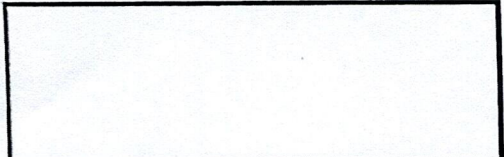
Shree L. R. Tiwari College of Engineering
Kanakiya Park, Mira Road (E).

Mira Rd.

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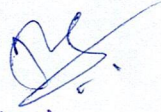
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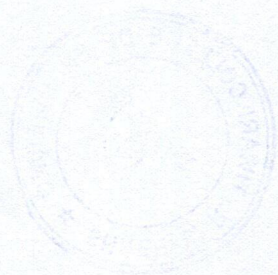


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Principal
Shree L. R. Tiwari College of Engineering
Kanakiya Park, Mira Road (E.)





Office of the Dean
Faculty of Education
University of the Philippines - Diliman

* अनावश्यक भाग खोडावा

* अनावश्यक भाग को काट दिया जाए

* Strike out if not relevant

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R.P.-54

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* Insured for Rupees

घेणाच्याचे नाव

पाने वाले का नाम

Addressed to

Mr. Abdul Ahad Shabir Saif

403-404, Mona Apt. near parkh

Nagar, Malad (East)

को/on Mumbai - 400097

दिनांक

वितरण टपाल कार्यालयाचा तारीख छाप

of रण डाकघर की तारीख - मोहर

Date stamp of office of delivery

स्वाक्षरी आणि नाव

Signature and Name

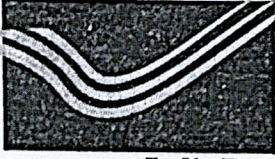
Principal

Shree L. R. Tiwari College of Engineering
Kanakiya Park, Mira Road (E.)



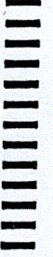
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Mrs. Shruati Patil
Shree L.R. Tiwari; College of Engineering
Kanakiya Park, Mira Rd. (East)

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Principal

Shree L. R. Tiwari College of Engineering
Kanakiya Park, Mira Road (E.)

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प्रेषणा-याचे नाव

पाने-वाले-का-नाम

Addressed to

Prashant S. Upadhyay

13-13 Veindavan Kumbh, Nagaur (E)

PIN-1401208

को/on

दिनांक

रोजी मिळाले

वितरण टपाल कार्यालयाचा तारीख छाप

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Signature and Name

Prashant



Principal

Shree L. R. Tiwari College of Engineering
Kanakia Park, Mira Road (E.)

11/17/1951
State College of Engineering
Kamryn, Carl, Miss Rowell



Department of Students' Development
Vidyapeeth Vidyarthi Bhavan,
'B' Road, Churchgate
Mumbai - 400 020
Tel. No. 2204 28 59

CIRCULAR

To,
The Principals/Directors
of the Affiliated Colleges/Recognized Institutions
of the University of Mumbai

Subject: Constitution of College Grievance Redressal Cell (CGRC)
as per महाराष्ट्र शासन राजपत्र असाधारण भाग चार ब, असाधारण क्रमांक ६७

Madam.

As per directives received from the University Authorities, I am directed to inform your goodself that as per महाराष्ट्र शासन राजपत्र असाधारण भाग चार ब, असाधारण क्रमांक ६७, dated February 27, 2019, each Affiliated College and Recognized Institution of the University of Mumbai has to constitute a **College Grievance Redressal Cell (CGRC)**. All grievances of students relating to College/Institution shall first be addressed to College Grievance Redressal Cell (CGRC) to be constituted at the level of College/Institution by following below given steps:

1. Affiliated College/Recognized Institution shall constitute College Grievance Redressal Cell (CGRC). The composition of CGRC shall be as follows:
 - a. Principal of the College or Head/Director of the Recognized Institution - **Chairperson**
 - b. One Senior Faculty Member Nominated by the Principal of the College or Head/Director of the Recognized Institution - **Member**
 - c. One Senior Faculty Member Nominated by the Principal of the College or Head/Director of the Recognized Institution - **Member Secretary**

The tenure of all the members of CGRC shall be of two years.

2. Affiliated College/Recognized Institution shall create a Portal on their website where student shall register their grievances online with necessary documents.
3. Affiliated College/Recognized Institution shall upload the information of functioning of CGRC on the portal.
4. Affiliated College/Recognized Institution shall give wide publicity to College Grievance Redressal Cell (CGRC) among all students, teachers, administrative staff and non-teaching staff of their College/Institution through various means like, Website, Prospectus, Notices, Electronic Gadgets, etc.
5. The concerned student of the Affiliated College/Recognized Institution shall register his/her complaint on the portal available on the website of his/her College/Institution.
6. The Member Secretary of CGRC shall maintain the documentation of the grievances of students who have registered their grievances on the portal of the College/Institution.



Member Secretary shall prepare the Agenda for the meeting of the College Grievance Redressal Cell (CGRC) in consultation with the Chairperson and shall communicate to all members prior to the meeting.

The committee shall resolve the grievance of the complainant student by giving an opportunity of hearing to all the concerned parties and following principles of natural justice.

The Member Secretary shall convene meeting of College Grievance Redressal Cell (CGRC) in consultation with the Chairperson in order to redress the grievances registered on portal within 15 days of its receiving.

10. The Member Secretary shall prepare Minutes and Action Taken Report for College Grievance Redressal Cell (CGRC).

11. The Member Secretary shall upload the Decisions/Resolutions/Minutes/Action Taken Report of CGRC on the portal.

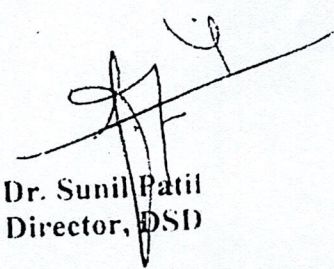
12. The Member Secretary shall communicate the Minutes and Action Taken Report of each meetings of CGRC for the information to the Director, Students' Development, University of Mumbai by an email on cgrc@mu.ac.in

13. The Member Secretary will prepare Annual Report regarding working of the CGRC and submit it to the Director, Students' Development, University of Mumbai by an email on cgrc@mu.ac.in

14. If the concerned student is not satisfied with the decision of the College Grievance Redressal Cell (CGRC) then he/she can appeal to University Grievance Redressal Cell (UGRC) which comes under Department of Students' Development within 30 days. The Member Secretary shall communicate this to all students who have registered their grievances on the portal. The student desire to appeal on the decision given by CGRC shall register his/her grievance/s on the portal available on the website of University of Mumbai, www.mu.ac.in with all supporting documents within 30 days.

15. The procedure and directives for functioning of College Grievance Redressal Cell (CGRC) are enclosed here for information and necessary action at your end.

Mumbai
May 14, 2019


Dr. Sunil Patil
I/c Director, DSD

University of Mumbai
DEPARTMENT OF STUDENTS' DEVELOPMENT

**PROCEDURE AND DIRECTIVES FOR FUNCTIONING OF
COLLEGE GRIEVANCE REDRESSAL CELL (CGRC)**

A. Role and Functions of CGRC

The CGRC shall exercise the following role and perform the following functions, namely-

- 1) To receive the applications of the students from the portal available on the website of College / Institute and process them further.
- 2) To attend all applications relating to the grievances of the students.
- 3) To entertain and consider the grievances of the students. It may hear the students in person by giving opportunities of hearing.
- 4) To hear all the concerned parties and settle grievances as early as possible.
- 5) To counsel the students whenever necessary to resolve their grievances.
- 6) To give advice to the students through correspondence.
- 7) The CGRC shall not discuss with any sub-judice grievances.
- 8) It shall make efforts to settle the disputes amicably.
- 9) To prepare and submit the recommendations relating to the redressal of grievances to the concerned.
- 10) To consider and submit recommendations and suggestion in respect of reforms in the working of various sections/units/departments/cells of the College/Institution relating to the redressal of grievances of students.
- 11) To prepare Minutes and Action Taken Report of the meeting of CGRC and submit it to the Director, Students' Development, University of Mumbai.
- 12) To prepare Annual Report regarding working of the CGRC and submit it to the Director, Students' Development, University of Mumbai.

B. Role of the Chairperson of CGRC

- 1) The Principal of Affiliated College or Head / Director of Recognized Institution shall be the Chairperson of CGRC. In absence of Principal / Head / Director, the Incharge of the College / Institution shall be the Chairperson of CGRC with prior permission of his/her Management/Higher Authorities.
- 2) The Chairperson shall finalize the date of meeting of CGRC in discussion with Member Secretary.
- 3) The Chairperson shall preside over the meeting of CGRC.

C. Role of the Member Secretary of CGRC

- 1) The Member Secretary shall be the Primary Officer of the CGRC. He shall be the custodian of all accounts and records, if any, placed at the disposal of the Cell.
- 2) The Member Secretary shall prepare the Agenda for a meeting of the CGRC in consultation with the Chairperson and shall communicate the Agenda with all necessary documents of students to all members prior to the meeting through an email.
- 3) The Member Secretary shall convene meetings of CGRC in consultation with the Chairperson in order to redress the grievances registered on portal within 15 days of its receiving.
- 4) He shall also attend the meetings and shall be responsible for maintaining a record of the minutes of the proceedings of the meetings.
- 5) He shall prepare Action Taken Report on the previous meeting of CGRC.
- 6) The Member Secretary shall upload the Decisions/Resolutions/Minutes/Action Taken Report of CGRC on the portal.

- 7) The Member Secretary shall communicate the Minutes and Action Taken Report of each meetings of CGRC for the information to the Director, Students' Development, University of Mumbai by an email on egrc@mu.ac.in
- 8) The Member Secretary shall prepare Annual Report regarding working of the CGRC and submit it to the Director, Students' Development, University of Mumbai by an email on egrc@mu.ac.in
- 9) The Member Secretary shall discharge such other duties and functions related to grievances of the students as the Chairperson and the Director, Students' Development assign to him from time to time.

D. Meetings of CGRC

- 1) The CGRC shall meet regularly as per the exigency in order to redress the grievances registered on portal within 15 days of its receiving. If there are no grievances, the CGRC shall meet once in every semester.
- 2) The Member Secretary may directed by the Chairperson to convene a meeting of the CGRC at the place, date and time to be fixed in consultation with him/her.
- 3) Every meeting of the CGRC shall be numbered serially.
- 4) The Notice of the meeting shall be issued by the Member Secretary well in advance, in consultation with the Chairperson and shall communicate to all members with its Agenda and necessary documents prior to the meeting through an email.
- 5) However, any non-receipt of notice by the members shall not invalidate the proceedings of the meeting.
- 6) In case of a meeting being called urgently the Notice and Agenda with necessary documents may be distributed to the members during the meeting. The procedure of any such meeting shall be such as the CGRC may determine.
- 7) In case the grievance is against any of the members of the CGRC, the concerned member shall abstain himself from the proceeding on such issue. However, the concerned student shall have choice to approach the (University Grievance Redressal Cell (UGRC) for the Redressal of his/her grievance.

E. Venue of the Meeting of CGRC

- 1) The Meeting of the CGRC shall be held in the premises of the College/Institution during the working days and working time of the College/Institution.
- 2) The Member Secretary shall communicate venue, date and time of meeting of CGRC to all members of CGRC and students who have registered their grievances prior to the meeting.

F. Quorum of the Meeting of CGRC

The Quorum for the meeting of CGRC shall be two, including Chairperson.

G. Decisions by Majority of the Meeting of CGRC

All matters of any meeting of the CGRC shall be decided by majority of the members present and voting and, in case of a tie, the person presiding shall have a second or casting vote.

H. Minutes

- 1) The draft Minutes of the meetings shall be prepared by the Member Secretary in consultation with the Chairperson and confirm it from all members within 7 days after the meeting.
- 2) The Minutes shall contain a record of the decisions taken and resolutions passed by the CGRC in the meeting and the discussions of the meeting shall not ordinarily form part of the Minutes.
- 3) The Member Secretary shall submit the confirmed minutes of the meeting of CGRC to the Director, Students' Development, University of Mumbai by an email on

Action Taken Report

- 1) After the confirmation of the minutes, the Member Secretary shall report to the CGRC the Action Taken Report on the resolutions or decisions or directions given in the previous meetings of the CGRC.
- 2) The Member Secretary shall submit Action Taken Report on the meeting of CGRC to Director, Students' Development, University of Mumbai by an email on cgrc@mu.ac.in

J. Attendance of Members

- 1) Member Secretary shall maintain the record of Attendance of each meeting of CGRC.
- 2) Every member shall sign the Attendance Sheet during every meeting.

K. Appearance before CGRC

The complainant student may appear in person. If he/she is incapable to attend / represent his/her grievances, then his/her representative (preferably parents) other than legal practitioner may be authorized to present his/her case in any proceedings before the CGRC.

L. Language of Proceedings of Meetings of CGRC

Preferably Marathi language may be used in the proceedings of meetings of CGRC. The complainant student can request for any other language to the CGRC.

M. Nature of Applications to be Entertained by the CGRC

The grievances or common grievances of students related to College / Institution only shall be considered by the CGRC.

N. Registration of Grievances on the Portal

- 1) Any student desiring redressal of his grievance/s may register his/her grievance/s online on the portal available on website of his/her College/Institution.
- 2) The student shall fill all the information required for registration and upload the supporting documents.
- 3) The grievances with insufficient/incomplete information shall not be entertained by CGRC.

O. Disposal of Applications

- 1) On receipt of an Applications of Grievances of Students, the Member Secretary shall scrutinize the applications in consultation with Chairperson of the CGRC and prepare the Agenda of Meeting.
- 2) Non-accepted applications shall be communicated to the student in writing by Member Secretary.
- 3) The Member Secretary shall communicate the date, time and venue of the Meeting to the students who have registered their grievances on the portal before the meeting with the help of Administrative Staff of the Department / Institution.
- 4) The Member Secretary may request the applicant student to supply further information as may be necessary and also discuss the grievance personally with the applicant.
- 5) The Member Secretary may request all the parties related to grievance to give clarification in writing with necessary documents and send it to all members through an email along with the Agenda.
- 6) The Member Secretary shall present each complaint before the CGRC as per the Agenda with all necessary documents given by the students during the meeting.
- 7) The CGRC shall redress all the grievances as per the Agenda by giving an opportunity of hearing to all the concerned parties and by following principles of natural justice.

- 8) The Member Secretary shall communicate a copy of Order/Decision/Resolution to all the students whose grievances were mentioned in the Agenda.

P. Non-Entertainment of Application

- 1) No applications for redressal of grievances shall be entertained, if the CGRC is satisfied that-
 - a. The applicant has knowingly made false statement or furnished false information as regards to place of residence, educational qualifications, etc.
 - b. In an application, there is no prima facie case for considering it.
 - c. The Application is frivolous or fictitious.
 - d. The matter is sub-judice in any court of law.
 - e. If there is gross delay.
 - f. Having regard to all the circumstances of the case, it is otherwise not reasonable to consider the application.
- 2) In case of any false or frivolous complaint, the CGRC may recommend appropriate action against the complainant student.

Q. Processing of Applications

- 1) The Member Secretary shall prepare requisite number of sets of all the applications received online/personally from the students and documents of other parties on which complaint has been made and send it to all members of CGRC prior to the meeting through an email and handover its hardcopies to all members of CGRC at the time of meeting.
- 2) The CGRC shall consider the case on the basis of the noting prepared by the Member Secretary.
- 3) The CGRC shall deal with the case on the basis of the Provisions of the Act, Rules, Regulations, Statutes, Ordinances, Circulars and Directions of the University and on the basis of natural justice, equity and good conscience.
- 4) The CGRC shall hear the all the concerned parties related to the complaint in person / individually / collectively whatever the requirement of the case by following principles of natural justice.
- 5) Efforts shall be made to settle the grievances amicably after hearing all parties.
- 6) Efforts shall be made to settle the grievances within 15 days of its receiving.

R. Consideration of Applications

- 1) Each member of the CGRC shall study the applications/cases sent to them in advance.
- 2) Applications shall be discussed in the Meeting and further line of action shall be decided.
- 3) The concerned student/s or any other person or teaching staff or administrative staff or non-teaching staff or official who is concerned with the grievances of the student/s may be called during the meeting of the CGRC whenever necessary and they may be heard in person.
- 4) If the CGRC finds it necessary it may refer any matter to an expert and obtain his / her opinion.
- 5) After following all the procedures enumerated under sub-rules R. (1) to (4) above, the CGRC may formulate its recommendations on the Application.

S. Recommendations for Final Action

- 1) The Member Secretary shall communicate a copy of Order/Decision/Resolution to all the students whose grievances were mentioned in the Agenda.
- 2) The Chairman and Member Secretary shall see the implementation of resolutions/decisions made during the meeting of CGRC on top priority basis.

- 3) The Member Secretary shall upload the Decisions/Resolutions/Minutes/Action Taken Report of CGRC on the portal.
- 4) If the CGRC comes to the conclusion that any of the employees/officials is involved in misconduct, they can recommend departmental enquiry against him/her.

T. Pursuing the Matter

- 1) The Chairman and Member Secretary shall keep in touch with the concerned sections/units/departments/cells and see that the decision is implemented immediately.
- 2) After the decision is finally implemented the same shall be incorporated in the Action Taken Report and submit it to all the members of CGRC at the next meeting.
- 3) The Member Secretary shall upload the Decisions/Resolutions/Minutes/Action Taken Report of CGRC on the portal.

U. Appeal on the Decisions

- 1) The student may prefer an appeal on the decision given by CGRC to University Grievance Redressal Cell (UGRC) within 30 days from the receipt of the decision of the CGRC.
- 2) In such case the student shall apply again on the portal available on the website of University of Mumbai, www.mu.ac.in within 30 days from the receipt of the decision of the CGRC.

V. Miscellaneous

a) Staff of the CGRC

The Principal/Head/Director shall assign one Administrative Staff (Junior Clerk) and Peon for working of CGRC.

b) Publicity

The Chairperson and Member Secretary of CGRC shall give due publicity to the functioning of the CGRC through various modes of publicity like, Website, Prospectus, Notices, Electronic Gadgets, etc. for the information of the Students, Teaching Staff, Administrative Staff and Non-Teaching Staff.

c) Powers to give Directions

The Director, Students' Development, University of Mumbai may from time to time, issue directions to the CGRC to carry out its purposes effectively and the CGRC shall be bound to carry out such directions.

W. Annual Report

The Member Secretary shall prepare Annual Report as per the format given below regarding working of the CGRC and submit it to the Director, Students' Development, University of Mumbai by an email on cgrc@mu.ac.in

| | | |
|---|---|--|
| 1 | Full Name of the Affiliated College / Recognized Institution | |
| 2 | Abbreviated Name of the Affiliated College / Recognized Institution | |
| 3 | Address of the College / Institution | |
| 4 | District | |
| 5 | Landline No. of the College / Institution | |
| 6 | Email of the College / Institution | |

| | | |
|----|--|--|
| 7 | Name of the Principal / Head / Director | |
| 8 | Mobile No. of the Principal / Head / Director | |
| 9 | Landline No. of the Principal / Head / Director | |
| 10 | Email of the Principal / Head / Director | |
| 11 | Name of the Member Secretary | |
| 12 | Designation of the Member Secretary | |
| 13 | Mobile No. of the Member Secretary | |
| 14 | Landline No. of the Member Secretary (If any) | |
| 15 | Email of the Member Secretary | |
| 16 | No. of Applications Received on Portal | |
| 17 | No. of Scrutinized Applications | |
| 18 | No. of Applications Presented before the CGRC | |
| 19 | No. of Resolved Applications | |
| 20 | No. of Un-resolved Applications | |
| 21 | No. of Applications Referred to the Experts for an Opinion | |
| 22 | No. of Applications Sent to University Grievance Redressal Cell (UGRC) | |
| 23 | No. of Frivolous Applications | |
| 24 | No. of Pending Applications | |
| 25 | No. of the Meetings of CGRC Held | |
| 26 | No. of the Meetings Adjourned for Want of Quorum | |
| 27 | Average No. of Members of CGRC Present for the Meetings | |
| 28 | Total Annual Expenses of the Meetings, If Any, Incurred by the CGRC | |
| 29 | Any other Information | |

| | |
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| Date: | Place: |
|-------|--------|

Name and Signature of the
Member Secretary

Seal of the College /
Institution

Name and Signature of the
Chairperson with Seal

Application for Redressal of Grievance/s to CGRC

To,
The Chairman,
College Grievance Redressal Cell (CGRC),

Subject: Application for Redressal of Grievance/s

Respected Sir/Madam,

I/We am/are hereby forwarding my/our application for Redressal of Grievance/s. Kindly accept it and do the further processing. My/our personal details and particulars about my/our grievances are as follows-

| | | |
|----|--------------------------------------|---|
| 1 | First Name of the Student | |
| 2 | Middle Name of the Student | |
| 3 | Last Name of the Student | |
| 4 | Department | |
| 5 | Residential Address of the Student | |
| 6 | Permanent Address of the Student | |
| 7 | Email of the Student | |
| 8 | Mobile No. of the Student | |
| 9 | WhatsApp No. of the Student | |
| 10 | Landline No. of the Student (If Any) | |
| 11 | Faculty | Science and Technology (Science, Engineering, Pharmacy, Architecture) Commerce and Management (Commerce, Management) Humanities (Arts, Law) Inter-disciplinary Studies (Fine Art, Education, Physical Education, Performing Art) |
| 12 | Programme of Study | UG PG M.Phil. Ph.D. Diploma Other (Please Specify) |
| 13 | Class | Give all Options Available at Your College / Department |

| | | |
|---|---|---|
| | Level of Study | First Second Third Fourth Fifth |
| 15 | Semester | I II III IV V VI VII VIII IX X |
| 16 | Roll No. | |
| 17 | PRN No. | |
| 18 | P.G./Ph.D./M.Phil. Registration No. | |
| <i>(Add Student Profile, if more no. of Students Applying for Redressal of Grievance)</i> | | |
| 19 | Name of the Teacher/s / Officer/s / Staff / Section/s / Department/s against whom the Complaint is to be Lodged | |
| 20 | Nature of Grievance/s in which Redressal is Sought | Write Upload Word/PDF File |
| 21 | List of Supporting Documents Attached herewith | Upload Word/PDF File/s |

Declaration from the Student/s

I/We hereby declare that the above information furnished by me/us is true to the best of my/our knowledge. In case if it is turned false I/We am/are personally responsible for the punishment.

Date:

Place:

Signature of the Student/s
(Upload Digital Signature)

10/11/2019

SLRTCE Mail - Resolution of the grievance filed on 27/09/2019.



grievances slrtce <grievances@slrtce.in>

Resolution of the grievance filed on 27/09/2019.

1 message

Thu, Oct 10, 2019 at 4:45 PM

grievances slrtce <grievances@slrtce.in>
To: sushantandhale4@gmail.com

Sub: Resolution of the grievance filed on 27/09/2019.

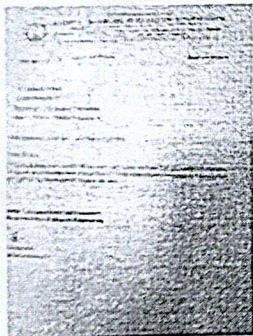
Dear Sushant,

This is to inform you that, with respect to the above subject, there was a meeting held on 05/10/2019 regarding hearing your grievance by college grievance redressal cell (CGRC). CGRC tried contacting you from 04/10/2019 till 10/10/2019. Your phone was ringing but call was not received by you and there was no call back from your side. The meeting of CGRC members was conducted on 07/10/2019 and resolution was passed. Copy of same is attached herewith and same has been sent by post.

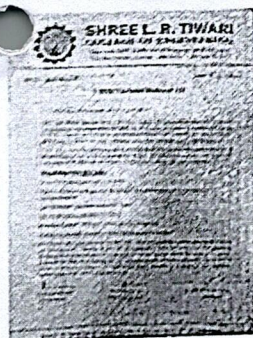
Regards,

College Grievance Redressal Cell
Shree L. R. Tiwari College of engineering,
Mira Road (east)
Mumbai-401107.

3 attachments



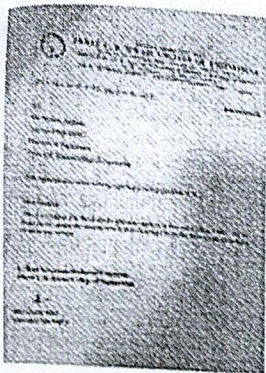
20191010_155157.jpg
3154K



20191010_155327 (1).jpg
3858K

20191010_155424.jpg
3283K

<Dial 1800 266 6868>



भारतीय डाक



India Post

RN110558750IN IVR:8277110558
RL MIRA ROAD S.O <401107>
Counter No:4.11/10/2019,10:35
To:ABDULAHAD SHAPIR SAIT,KONA APT
PIN:400097, Malad East SO
From:SHRUTI PATIL,KANAKIA PARK
Wt:15gms
Amt:25.00(Cash)
<Track on www.indiapost.gov.in>
<Dial 1800 266 6868>

भारतीय डाक



India Post

RN110558763IN IVR:8277110558
RL MIRA ROAD S.O <401107>
Counter No:4.11/10/2019,10:35
To:SHUSHANT S AN,RAVI JANGID COM
PIN:401107, Mira Road S.O
From:SHRUTI PATIL,KANAKIA PARK
Wt:15gms
Amt:25.00(Cash)
<Track on www.indiapost.gov.in>
<Dial 1800 266 6868>

भारतीय डाक



India Post

RN110558777IN IVR:8277110558
RL MIRA ROAD S.O <401107>
Counter No:4.11/10/2019,10:35
To:PRASHANT S UF,VREINDAVAN KUNJ
PIN:401208, Vasai East IE S.O
From:SHRUTI PATIL,KANAKIA PARK
Wt:15gms
Amt:25.00(Cash)
<Track on www.indiapost.gov.in>