



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)

5.1.2 Capacity building and skills enhancement initiatives taken by the institution include the following

1. Soft skills, 2. Language and communication skills, 3. Life skills (Yoga, physical fitness, health and hygiene), 4. ICT/computing skills

4. ICT/computing skills					
Sr. No.	Name of the capacity development and skills enhancement program	Date of implementation (DD-MM-YYYY)	Number of students enrolled	Name of the agencies/consultants involved with contact details (if any)	Year
1	IOT	5/10/2018	54	ATS Learning Solution	2018-19
2	DRONA AVIATION	5/4/2019	40	Student Alliance	
3	Robotics	9/4/2019	22	Mr. suresh pal, ATS Learning solution	
4	Python	18/03/19	43	IIT-B, FOSSEE	
5	Air Pollution and Control (Mech)	2018-2019	41	Dr. S. S. Bhusnoor, K. J. Somaiya College of Engineering	
6	Environmental Impact Assesment (Civil)	2018-2019	75	Mr. Rajan Diwdkar	



06

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

2018-19

3



Shree Rahul Education Society's (Regd.)

## SHREE L. R. TIWARI COLLEGE OF ENGINEERING

Kanakia 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: slrtce@rahuleducation.com | Website: www.slrtce.in

Date: 04/10/2018

### NOTICE

All the students are hereby informed that IoT seminar is scheduled on 5<sup>th</sup> October 2018 all are requested to gather at 10:30 am in seminar hall it is organized by ATS Learning, Attendance is compulsory.

HOD

MR. ABHIJIT SOMNATHE



PRINCIPAL

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



Shree Rahul Education Society's (Regd.)

# SHREE L. R. TIWARI COLLEGE OF ENGINEERING

Kanakia 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: slrtce@rahuleducation.com | Website: www.slrtce.in

Academic Year- 2018-2019

Workshop Topic:- IOT

Department: - Electronics Engineering

Date:- 5/10/18

Sr. No.	Name		Sign
1	MAMTA	KUNHIRAMAN	<u>MAMTA</u>
2	PAL	BANDANA	<u>Bandana</u>
3	Pandya	Aakash	<u>Pandya</u>
4	Saha	Dushyant	<u>Dushyant</u>
5	Sawant	Siddhi	<u>Sawant</u>
6	SHINDE	GAYATRI	<u>Gayatri</u>
7	De	Manjul	<u>Manjul</u>
8	Chowdhary	Prakash	<u>Prakash</u>
9	DESAI	SHRIKAR	<u>Shrikar</u>
10	DESAI	OMKAR	<u>Omkar</u>
11	MAURYA	ANKIT	<u>Ankit</u>
12	Singh	Devang	<u>Devang</u>
13	Gowda	Archana	<u>Archana</u>
14	PANDEY	SARVESH	<u>Sarvesh</u>
15	Patel	Virat	<u>V. Patel</u>
16	Dalvi	Sagar	<u>Sagar</u>
17	Govekar	Shivani	<u>Shivani</u>
18	Deshmukh	Sujeet	<u>Sujeet</u>
19	Pandey	Prashant	<u>Prashant</u>



mg.

mg.

PRINCIPAL

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



Shree Rahul Education Society's (Regd.)

# 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.: 022-65295732 / 022-65142376 | Email: slrtce@rahuleducation.com | Website: www.slrtce.in

Academic Year- 2018-2019

Workshop Topic:- IOT

Department: - Electronics Engineering

Date:- 09/10/18

Sr. No.	Name		Sign
1	MAMTA	KUNHIRAMAN	<del>Mamta</del>
2	PAL	BANDANA	Bandana
3	Pandya	Aakash	Pandya
4	Saha	Dushyant	Dushyant
5	Sawant	Siddhi	Sawant
6	SHINDE	GAYATRI	Gayatri
7	De	Manjul	Manjul
8	Chowdhary	Prakash	Prakash
9	DESAI	SHRIKAR	Shrikar
10	DESAI	OMKAR	Omkar
11	MAURYA	ANKIT	Ankit
12	Singh	Devang	Devang
13	Gowda	Archana	Archana
14	PANDEY	SARVESH	Sarvesh
15	Patel	Virat	Virat
16	Dalvi	Sagar	Sagar
17	Govekar	Shivani	Shivani
18	Deshmukh	Sujeet	Sujeet
19	Pandey	Prashant	Prashant



mg

B.

**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

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.: 022-65295732 / 022-65142376 | Email: slrtce@rahuleducation.com | Website: www.slrtce.in

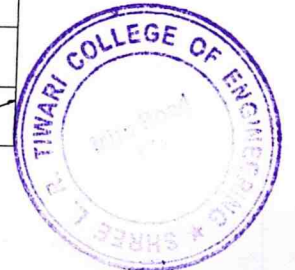
Academic Year- 2018-2019

Workshop Topic:- **IOT**

Department: - Electronics Engineering

Date:- 10/10/18

Sr. No.	Name		Sign
1	MAMTA	KUNHIRAMAN	
2	PAL	BANDANA	
3	Pandya	Aakash	
4	Saha	Dushyant	
5	Sawant	Siddhi	
6	SHINDE	GAYATRI	
7	De	Manjul	
8	Chowdhary	Prakash	
9	DESAI	SHRIKAR	
10	DESAI	OMKAR	
11	MAURYA	ANKIT	
12	Singh	Devang	
13	Gowda	Archana	
✓ 14	PANDEY	SARVESH	
15	Patel	Virat	
✓ 16	Dalvi	Sagar	
✓ 17	Govekar	Shivani	
✓ 18	Deshmukh	Sujeet	
✓ 19	Pandey	Prashant	



mq

PRINCIPAL

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

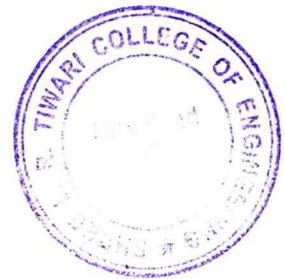
## IOT WORKSHOP

**Date:** 05/10/2018

**Venue:** Lab 410, SLRTCE.

With the motto of imparting advance education and preparing the students, towards being better professionals, SLRTCE organised an "IOT-Internet of Things Workshop certified by Microsoft" for the EXTC and ETRX Department. Students showed great interest and participated for the 3-Day workshop. The instructor, Prof.Anshu Kumar was very enthusiastic and dedicated towards his teaching methodology. He was very clear with the concepts and provided real-life examples for better understanding. The workshop began with the introduction towards the flourishing field of IOT. The first half of the session began with installing and configuring the Raspberry Pi Models. The second half was much more interactive as the basics of Python (a computing language required to study IOT) was explained with a practical training approach. With individual attention to each student and helping them to troubleshoot their errors themselves, concepts were made more clear and understandable. The entire session ended with an opportunity given to students to publically express and revise what they learned in the session.

**Technical Head,  
Shama Mohammad.**



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

## IOT WORKSHOP

**Date:** 09/10/2018

**Venue:** Lab 410, SLRTCE.

With an amazing end to the first session and curiosity to learn more, the second session started enthusiastically. It began with the teams configuring their Raspberry Pi Models themselves and setting up the environment to execute various devices with their models. Hardware implementation using software was at the mainframe in this session. A brief explanation by the Trainer- Mr. Anshu Kumar, about each and every program executed, made students capable of writing the further programs on their own. Various sensors such as IR Sensor, Temperature Sensor, Ultrasonic Sensor, etc. were executed using Raspberry Pi. With complete hands-on practical session, students enjoyed executing various devices and obtaining the desired outputs. Concept of working in teams, inculcated the qualities of "Team Work" within the students. The session ended peacefully with feedback taken from students regarding the session.

**Technical Head,  
Shama Mohammad.**



**PRINCIPAL**

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

## IOT WORKSHOP

**Date:** 10/10/2018

**Venue:** Lab 410, SLRTCE.

"The mind that opens to a new idea, never returns to its original size"; and so was the workshop of IOT for SLRTCE students to get into the depth of knowledge regarding the most trending field of IOT. The third-day workshop was a sum up of various topics related to IOT, WEB SERVERS and CYBER SECURITY. The session started with a quick revision, followed by, configuring the Raspberry Pi Models for executing various devices and controlling them from remote servers. Students were given the opportunity to experience the real-time application of "blinking of a bulb" controlled by programming the Raspberry Pi with a Relay. By configuring the Raspberry Pi with a Temperature Sensor and connecting it with a Web Server, one could actually monitor the Temperature of the area from a remote access. The stupendous second half of the session was the most favourite part of the entire 3-Day workshop as it focused about the most interesting topic of CYBER SECUIRTY. The persuasive quality of the trainer- Mr. Anshu Kumar, made the session even more interesting and interactive. Sharing his own experiences regarding the Ethical Hacking, enabled the students to differentiate between the Pros and Cons of being a Hacker. Being a very meticulous personality, the trainer was very keen at explaining the various procedures to Secure Data over Internet and also taught the basics of Ethical Hacking. Doubts were clarified regarding all the topics covered within the 3-Day Workshop. A Group picture with the Trainer, Faculty Co-ordinators and students marked the end of the IOT Workshop.

**Technical Head,  
Shama Mohammad.**



**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**  
Kanakia 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: slrtce@rahuleducation.com | Website: www.slrtce.in

**DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION**

Ref.No: SLRTCE/EXTC/WS/19/39

Date: 18<sup>th</sup> March 2019

TO,  
The Principal,  
SLRTCE, Mira Road (East),  
Mumbai - 401107.

**Subject: Permission for conducting a workshop on "Drones and Aviation with programming" on 4<sup>th</sup> and 5<sup>th</sup> April 2019**

Respected Sir,

I, Prof. Zainab Mizwan, Head of Department of Electronics And Telecommunication, SLRTCE, would like to take your permission on behalf of the department for conducting a **Two days' workshop** on "Drones and Aviation with programming". We are conducting this workshop keeping in mind the objective to motivate and enhance capabilities of students and provide guidance about latest technologies in IT industry.

Below are the tentative details of the event: -

**Event name: Two days' workshop on Drones And Aviation with programming**

**Organized by: Department of Electronics And Telecommunication.**

**Speaker: Mrs. Neha Fakhri and Mr. Umar Rais**

Details of speaker: Co-founder of iLearnopedia (India)

Venue: 410 lab

Date: 4<sup>th</sup> & 5<sup>th</sup> April 2019

Time: 10:00 AM onwards

Fees: 1000/-

Honorarium of Speaker:

Expenses: 250/-

Participants: TE students

Kindly give us the permission to conduct the workshop and suggest some improvements if you feel there are any shortcomings of this proposal.

Thanking you,

Yours sincerely

HOD

Department of Electronics And Telecommunication

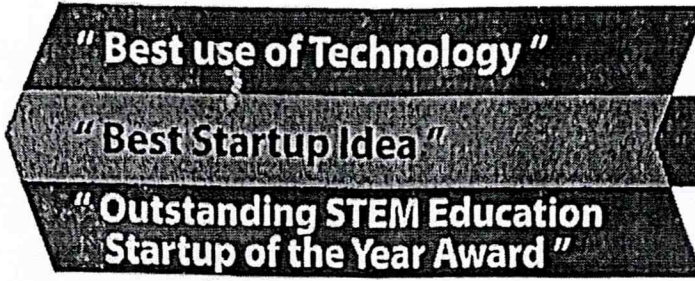
Received  
Heads



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

Mr. Kamjan Naik  
(Co-founder - iLearnopedia)

Mr. Umar Rais  
(Co-founder - iLearnopedia)



Global Outreach  
Educational Award

Awarded by  
Hon. Chief Minister  
Maharashtra

Indo Global Education  
Excellence Award

World Record Holder in STEM Education

# GOLDEN BOOK OF WORLD RECORDS



Student Alliance iLearnopedia (India) is a profound STEM education institute.

- It has been awarded with Outstanding Start-up of the year 2018 by Indo Global Chamber of Commerce and Industries.
- Best use of Technology by Global Outreach Awards 2019.
- Student Alliance iLearnopedia was also awarded by the Hon. Chief minister of Maharashtra, Mr. Devendra Fadnavis for the Best Start-up Idea.
- Mr. Awab Habib Fakhri (Age-28) is the mentor of this Start-up Institute. Mrs. Neha Awab Fakhri (Age-28), Mr. Umar Moiz Rais (Age-22), Mr. Ramjan Rasoolsaheb Naik (Age-22), are the co-founders of this institute. Mr. Tabish Shaikh, Mr. Farooq Kapadia, Mr. Emad Kazi, Mr. Mustak Naik, Mrs. Nikita Gawade, are in core team of iLearnopedia.

Recently iLearnopedia has made a World Record in STEM education on 25th January 2019. Student Alliance iLearnopedia made a World record to train 6627 students by 204 trainers in 5 different states (Maharashtra, Rajasthan, Karnataka, Telangana, Uttar Pradesh) in just one day (4 hours). 37 Schools participated in this event, 2209 projects were made. The training was completely sponsored by Student Alliance iLearnopedia. It was the Largest STEM and Robotics Workshop (on multiple location) ever held in just one day.

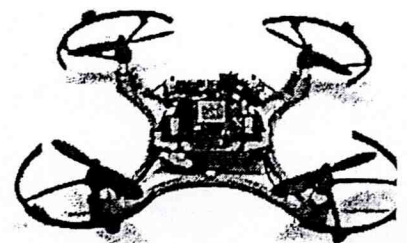


## (2 in 1) Workshop + Championship of Drones and Aviation

Now Student Alliance iLearnopedia is planning to have a Drone championship Event along with a workshop training program for students of engineering and Diploma.

The flow of the event is decided as follows:

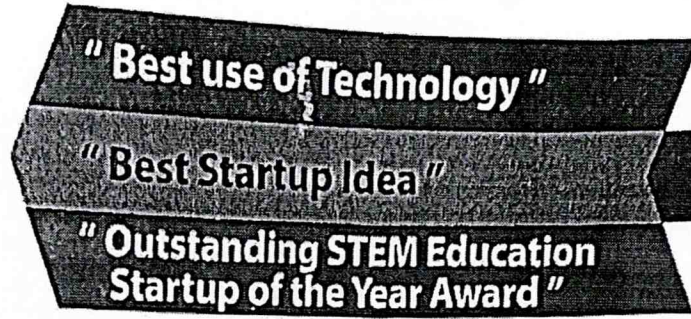
1. Students can register for the workshop training and championship in the College itself.



+91 90224 77293 | +91 88989 41669 | +91 82685 74189

B2, New White House, Buddh Colony, Kurla(W).

Amravati Bangalore Mumbai Pune  
PRINCIPAL  
Shree L. R. Tiwari College of Engineering  
Kanakiya Park, Mira Road (E).



Global Outreach Educational Award

Awarded by Hon. Chief Minister Maharashtra

Indo Global Education Excellence Award

2. After Registration, workshop will be conducted in their respective colleges in which they will learn all the basics of aviation and the programming of a programmable drones

3. They will be given hands on experience and training to fly the drone

4. After the workshop, a Championship will be held in which top 3 groups will be felicitated and the winner will be awarded with:

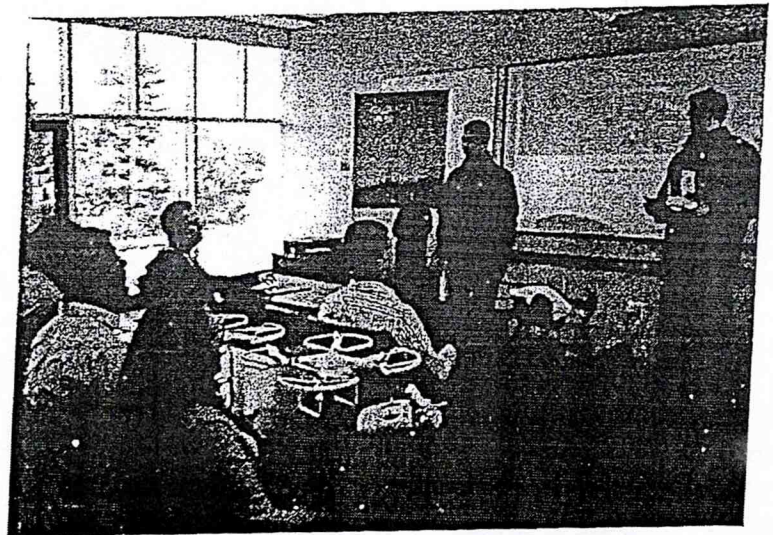
- Drone Pilot certificate from Drona Aviation's
- Medal of winner
- Trophy of Championship
- A chance to do internship in Drona Aviation's Technical Department for mini project & final year project.

### Itinerary of the Programmable Drone Championship.

Stage 1:

2 Days Workshop:

1. Introduction of Drones
2. Application of Drones
3. Types of Drones
4. Dynamics and Aerial
5. Stability and Control
6. Motors
7. Propellers
8. Battery
9. Building Instructions
10. Flying instructions
11. Construction of Drone
12. Programming of Drone
13. Certificate of Participation issued from Drona Aviation for All



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



+91 90224 77293 | +91 88989 41669 | +91 82685 74189



B2, New White House, Buddh Colony, Kurla(W).



Amravati



Bangalore



Mumbai



Pune



"Best use of Technology"

"Best Startup Idea"

"Outstanding STEM Education Startup of the Year Award"

Global Outreach Educational Award

Awarded by  
Hon. Chief Minister  
Maharashtra

Indo Global Education  
Excellence Award

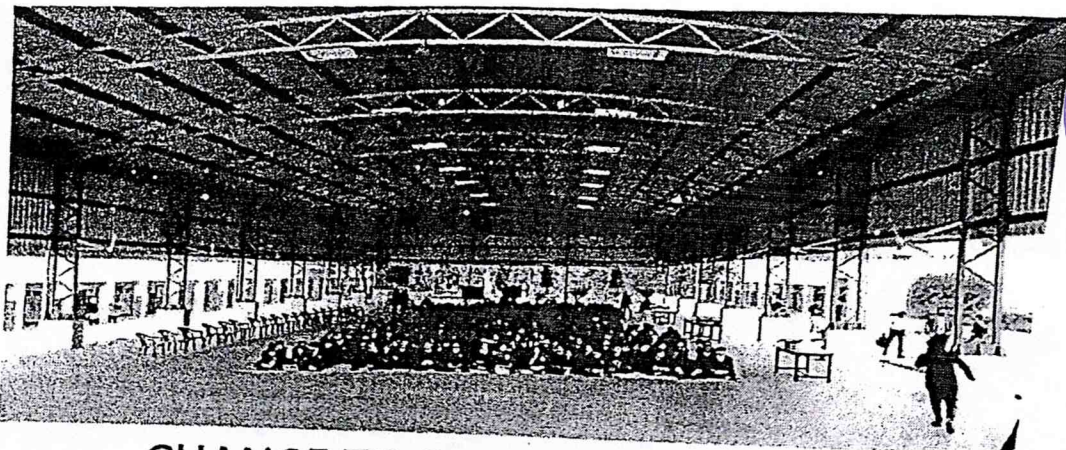
Stage 2:

2 Days Championship:

1. Problem Statement Hackathon for which 24 hours will be given
2. Take off (Predefined Altitude)
3. Flight (Predefined Distance)
4. Landing (Predefined Spot)
5. Best Top 5 groups will be selected and awarded with **Certificates of Excellence issued from Drona Aviation**
6. Winning team will be awarded with **Certificate of Pilot issued from Drona Aviation, Medal and a Trophy of Championship**
7. All the group members of top 3 winning teams will be given a chance to do **1 Year Internship** for mini project or final year project in **Technical Section of Drona Aviation** based on interview selection.



Registration Fee : Just Rs.1200 / Per Student

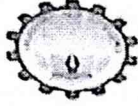


CHANCE TO BE A DRONE PILOT!!!

+91 90224 77293 | +91 88989 41669 | +91 82685 74189 B2, New White House, Buddh Colony, Kurla(W).

Amravati Bangalore Mumbai Pune 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**  
Kanakia 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: slrtce@rahuleducation.com | Website: www.slrtce.in

Ref. No: SLRTCE/EXTC/SEM/19/43  
Date: 3<sup>rd</sup> April 2019

### NOTICE

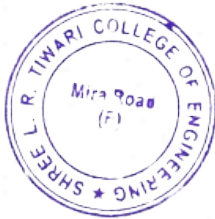
All the staff members and students of Third year Electronics and Telecommunication (T.E.EXTC) are hereby informed that workshop on "Drones and Aviation with programming" will be conducted on 4<sup>th</sup> and 5<sup>th</sup> April 2019 from 10:00 AM onwards in 410 lab.

Details of the Workshop are:

Date: 4<sup>th</sup> & 5<sup>th</sup> April 3, 2019

Time: 10:00 AM onwards

Venue: 410



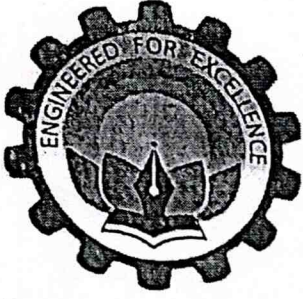
Mrs. Zainab Mizwan

H.O.D

Department of Electronics and Telecommunication

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. : SLRTCE/EXTC/ws/19/45

Date : 5/4/19

To,  
Mr. Ramjan Rasoolsaheb Naik  
Director & Co-founder  
Student Alliance iLearnopedia

## LETTER OF APPRECIATION

Dear Sir,

It gives me immense pleasure to express my profound appreciation to you on behalf of Shree L. R. Tiwari College of Engineering for the two days' workshop conducted by you on "Drones and Aviation with programming" for our third year students.

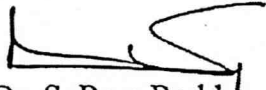
Your workshop was an inspiring and rewarding experience for all the participants. It was very well appreciated by our students and faculty members and will immensely benefit them in future.


We appreciate your gesture and hope to receive the same response and support from you in future.

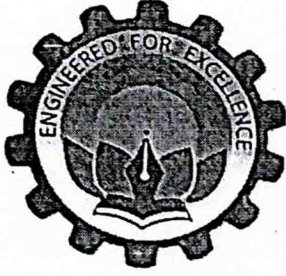
Thanking You,



Yours faithfully,

  
Dr. S. Ram Reddy  
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/EXT/MS/19/46

Date: 5/4/19

To,  
Mr. Nazim Shaikh  
Aircraft Maintenance Engineer (AME)  
Air India

## LETTER OF APPRECIATION

Dear Sir,

It gives me immense pleasure to express my profound appreciation to you on behalf of Shree L. R. Tiwari College of Engineering for the special session conducted by you on "Drones and Aviation with programming" for our third year students.


Your workshop was an inspiring and rewarding experience for all the participants. It was very well appreciated by our students and faculty members and will immensely benefit them in future.


We appreciate your gesture and hope to receive the same response and support from you in future.

Thanking You,

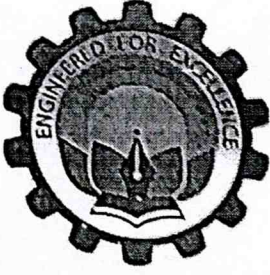


Yours faithfully,

  
Dr. S. Ram Reddy  
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. : SLRTEE/EXTC/NS/19/44

Date : 5/4/19

To,  
Mr. Awab Habib Fakih  
Mentor  
Student Alliance iLearnopedia

## LETTER OF APPRECIATION

Dear Sir,

It gives me immense pleasure to express my profound appreciation to you on behalf of Shree L. R. Tiwari College of Engineering for the two days' workshop conducted by you on "Drones and Aviation with programming" for our third year students.


Your workshop was an inspiring and rewarding experience for all the participants. It was very well appreciated by our students and faculty members and will immensely benefit them in future.


We appreciate your gesture and hope to receive the same response and support from you in future.

Thanking You,



Yours faithfully,

  
Dr. S. Ram Reddy  
Principal

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



## Narrative report of workshop

Title of the Workshop: Drone and Aviation with programming

Date/Duration: 4<sup>th</sup> and 5<sup>th</sup> April 2019

Venue: 411

Number of participants: 40

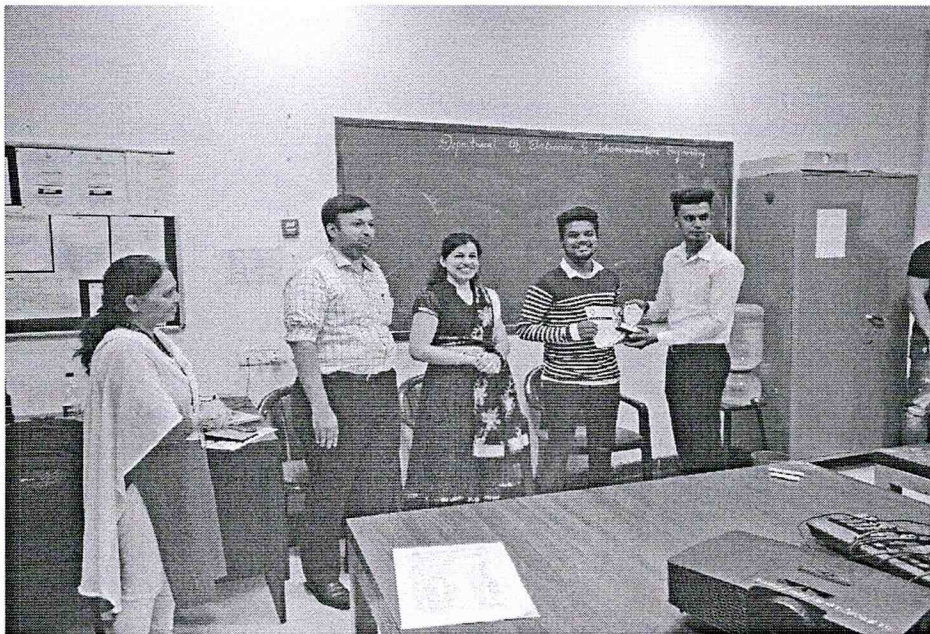
Objective:

Course Content:

2 days' workshop covered the following aspects of Drone:


1. Introduction of Drones
2. Application of Drones
3. Types of Drones
4. Dynamics and Aerial
5. Stability and control
6. Motors
7. Propellers
8. Battery
9. Building instructions
10. Flying instructions
11. Construction of Drone
12. Programming of Drone

Certificates of participation were allotted to the participants. Exam was conducted for the same, along with that the grade certificates were given to the students based on their performance.



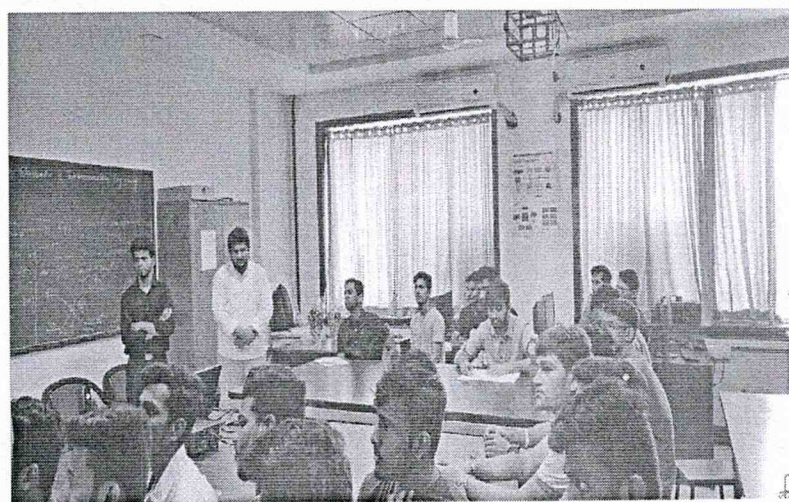
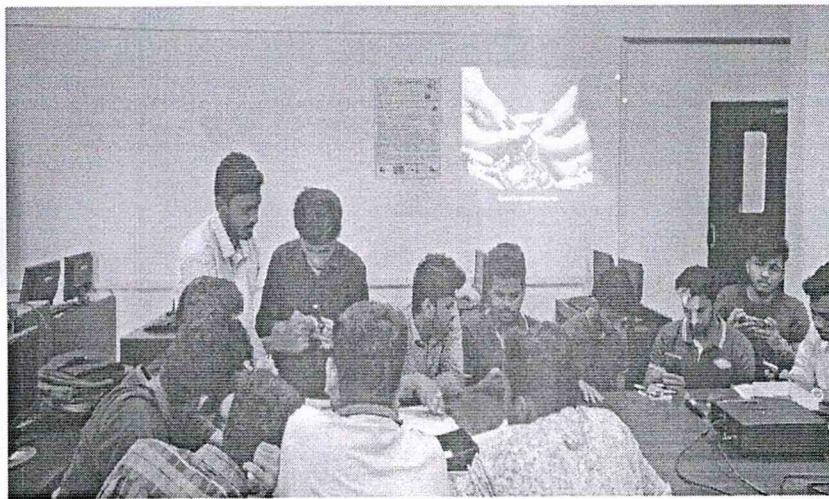
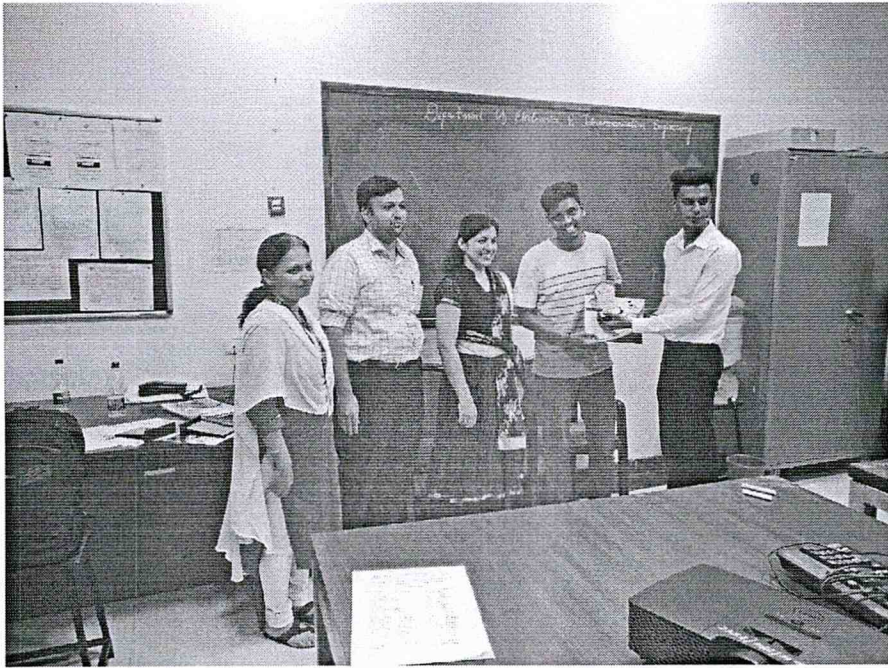
Workshop on Drone and Aviation with programming by Mr. Ramzan Naik



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



**Workshop on Drone and Aviation with programming by Mr. Ramzan Naik**



*[Handwritten signature]*

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

*[Handwritten signature]*



## Department of Electronics and Telecommunication

Workshop on "Drones and Aviation with programming"

Date: 4<sup>th</sup> and 5<sup>th</sup> April 2019

Venue: 410

Name of the participants for the two day workshop

Sr.No.	Name of the participants	04/04/19	05/04/19
✓1	Shivam Singh	Shivam Singh	Shivam Singh
✓2	Harikrishna Tank	Harikrishna Tank	Harikrishna Tank
✓3	Krutika Konkar	Krutika	Krutika
✓4	Prince Kumar	Prince	Prince
✓5	Kirti Singh	Kirti	Kirti
✓6	Rishikesh Jaiswar	Rishikesh	Rishikesh
✓7	Yash Palsamkar	Yash	Yash
✓8	Pravin Yadav	Pravin	AB
✓9	Lalit Shete	AB	AB
✓10	Pawan Gaikwad	AB	AB
✓11	Rajneesh Tiwari	Rajneesh	Rajneesh
✓12	Maaz Khan	Maaz	Maaz
✓13	Ankit Devadasan	Ankit	Ankit
✓14	Rajat Shinde	AB	AB
✓15	Omkar Sawant	Omkar	Omkar
✓16	Sanket Sawant	Sanket	Sanket
✓17	Kiran Rachawar	Kiran	Kiran
✓18	Aaqib Shaikh	Aaqib AB	AB
✓19	Imran Shaikh	Imran	Imran
✓20	Aquib Patel	Aquib	Aquib
✓21	Sanjana Bondre	Sanjana	Sanjana
✓22	Rohini Kale	RKale	RKale
✓23	Nikhat Mulani	Nikhat	Nikhat
✓24	Aishwarya Gawand	Aishwarya	Aishwarya
✓25	Shriya Shetty	Shriya	Shriya
✓26	Jay Gole	Jay	Jay
✓27	Diptej Kadam	Diptej	Diptej

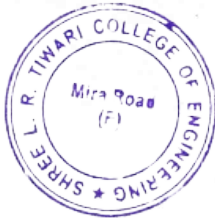


PRINCIPAL  
Shree L. R. Tiwari College of Engineering  
Kanakiya Park, Mira Road (E).



Shree Rahul Education Society's (Regd.)  
**SHREE L. R. TIWARI COLLEGE OF ENGINEERING**  
 Kanakia 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: slrtee@rahuleducation.com | Website: www.slrtee.in

✓28	Pranali More	<del>Pmore</del>	<del>Pmore</del>	✓
✓29	Niraj Lad	<del>DLT</del>	<del>DLT</del>	✓
✓30	Shubham Mistry	<del>Shubham</del>	<del>Shubham</del>	✓
✓31	Ashish Dhondge	<del>Ashish</del>	<del>Ashish</del>	✓
✓32	Hrushikesh Chavan	<del>Hrushikesh</del>	<del>Hrushikesh</del>	✓
✓33	Ketan Kadam	<del>KPK</del>	<del>KPK</del>	✓
✓34	Pratik Naik	<del>PNaik</del>	<del>PNaik</del>	✓
✓35	Trilok Jha	<del>Trilok</del>	— AB —	✓
✓36	Nileshchandra Yadav	<del>Nilesh</del>	— AB —	✓
✓37	Afzal Shaikh	— AB —	— AB —	✓
✓38	Siddharth Padelkar	<del>Padelkar</del>	<del>Padelkar</del>	✓
✓39	Aniket Pawar	<del>Aniket</del>	<del>Aniket</del>	✓
✓40	Unmesh Pandit	<del>Unmesh</del>	<del>Unmesh</del>	✓
✓41	Vijay Choudhari	<del>Vijay</del>	— AB —	✓



06

PRINCIPAL

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

*[Handwritten signature]*

*[Handwritten signature]*

## About SLRTCE

Shree L. R. Tiwari College of Engineering (ISO certified), established in the year 2010, was the first engineering college in Mira-Bhayandar, and since then has provided a sound platform, equipping students to stand on their own feet, visualize, grow and build a bright future in the ever-growing industry. The college offers 6 full-time UG courses leading to the degree of Bachelor of Engineering (B.E.) from the University of Mumbai and also offers Master of Engineering (M.E.) in Computer Engineering and Electronics & Telecommunication. All courses are approved by the All India Council for Technical Education (AICTE), New Delhi & Directorate of Technical Education (DTE), Maharashtra State.

## About the Bridge Course

To accomplish goal of Learning the Core Programming, Object Oriented Programming, software development, web application and windows application, and relation Data base management system and understand the data base connection methods.

## Details of Participants

Students of Third year and final year from Department of Mechanical Engineering, Shree. L. R. Tiwari College of Engineering

## Bridge Course Objectives

The student shall be able to enhance Holistic Development of students and to improve their employability skills.

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

## Large Course Outcomes

The student shall be able to

- To develop the Core Programming Object Oriented Programming, software development, web application and windows application and relation Data base management system and understand the data base connection methods.
- To develop student Knowledge in various robot structures and their work space.
- To develop students' skill in spatial transformation associated with rigid bodies motion

## Regards

**Dr.S. Ram Reddy**  
Principal  
SLRTCE

**Mr. Pravin Jangid**  
Audit Course Co-ordinator  
Assistant Professor  
SLRTCE  
[pravin.jangid@slrtce.in](mailto:pravin.jangid@slrtce.in)

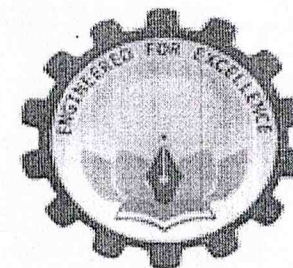
## Details of Speaker

**Mr. Suresh Pal**  
Subject Matter Expert  
ATS Learning Solution

## Contact Person

**Mr. Dhiraj Singh**  
Departmental  
Course Coordinator  
Assistant Professor  
SLRTCE  
[dhiraj.singh@slrtce.in](mailto:dhiraj.singh@slrtce.in)

**Mr. Vikash Agrawal**  
HOD, MECH  
SLRTCE  
[vikash.agrawal@slrtce.in](mailto:vikash.agrawal@slrtce.in)



**SHREE L. R. TIWARI**  
College of Engineering

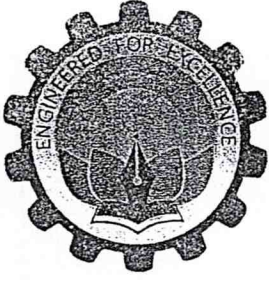
It gives us immense pleasure  
to announce that

**Shree Rahul Education Society's**  
(Regd.) s

**SHREE L. R. TIWARI**  
**COLLEGE OF ENGINEERING**  
(SLRTCE)

Kanakia Park, Mira Road (East),  
Thane - 401107, Maharashtra, India  
(Approved by AICTE & DTE, Maharashtra State  
Affiliated to University of Mumbai)  
DTE Code No. 3423  
Minority Status (Hindi Linguistic)  
Tel. No: 022-28120144/022-28120145 |  
Email: [slrtce@rahuleducation.com](mailto:slrtce@rahuleducation.com) |  
Website: [www.slrtce.in](http://www.slrtce.in)

**Department of Mechanical**  
**Engineering**  
**SLRTCE**  
**Organized**  
**Bridge Course**  
**On**  
**Robotics**  
**9<sup>th</sup> April to 11<sup>th</sup> April 2019**



# 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. : 2018-19/MECH/Training Seminar/03

Date : 11/04/2019

To,  
Mr. Suresh Pal  
Subject Matter Expert  
ATS Learning Solutions  
Delhi- 110024

## LETTER OF APPRECIATION

Dear Sir,

It gives me immense pleasure to express my profound appreciation to you on behalf of Shree L. R. Tiwari College of Engineering for the training conducted by you on "Robotics" for our students.

Your Seminar was an inspiring and rewarding experience for all the participants. It was very well appreciated by our students and faculty members and will immensely benefit them in future.

We appreciate your gesture and hope to receive the same response and support from you in future.

Thanking You,

*Received  
S. Pal*



Yours faithfully,

Dr. S. Ram Reddy  
Principal

PRINCIPAL

Shree L. R. Tiwari College of Engin  
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. : 2018-19/MECH/Training & Seminar/04

Date : 02/04/2019

To,  
Mr. Suresh Pal  
Subject Matter Expert  
ATS Learning Solutions  
Delhi- 110024

Respected Sir,

Greetings from SLRTCE!

We are planning to organize a training program on Energy Audit for Final Year students of Mechanical Engineering Department to bridge the gap between the Engineering Curriculum and Industry requirements, thus creating the best career prospects for our students.

With this intent we would like to invite you as a speaker and trainer for this event. Under your guidance students will get acquainted with the recent trends and methodology in current market scenario.

It will be our pleasure if you send your consent within two days so as to enable us to make necessary arrangements for the seminar. We would be deeply honored by your august presence at the event.

Thanking you.

*Received*  
*SSP*



Yours sincerely,

*[Signature]*  
Dr. S. Ram Reddy  
Principal

**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**  
Kanakia 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: slrtce@rahuleducation.com | Website: www.slrtce.in

**DEPARTMENT OF MECHANICAL ENGINEERING**

Ref.No.: 2018-19/ Seminar & Training/ Mech /07

Date: 02/04/ 2019

TO,  
The Principal,  
SLRTCE, Mira Road (East),  
Mumbai - 401107.

**Subject: Permission for conducting a training on "Robotics" on 9-11<sup>th</sup> April, 2019 (Tuesday to Thursday, Time: 9 AM to 5 PM)**

Respected Sir,

I, Prof. Vikash Agrawal, Head of Department of Mechanical Engineering, SLRTCE, would like to take your permission on behalf of the department for conducting a **24hours Training** on "Robotics". We are conducting this training keeping in mind the objective to motivate and enhance capabilities of students and provide guidance about latest technologies in industry.

Below are the tentative details of the event: -

**Event name: seminar on "Non-Destructive Testing"**

**Organized by:** Department of Mechanical Engineering

**Speaker/ Trainer:** Mr. Suresh Pal

**Details of speaker:** Subject Matter Expert, ATS Learning Solutions, Delhi-110024

**Venue:** Lab-304, SLRTCE.

**Date:** 9<sup>th</sup> to 11<sup>th</sup> April, 2019

**Time:** 9AM to 5PM

**Fees:** Students have paid only exam fee for Microsoft certification exam

**Honorarium of Speaker:** NIL

**Expenses:** Nill

**Participants:** Third Year and Final Year students with 2018 batch passed out student.

Kindly give us the permission to conduct the training and suggest some improvements if you feel there are any shortcomings of this proposal.

Thanking you,



*Agrawal*  
02/04/19  
Yours sincerely

HOD (Mechanical Engineering)

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





Shree Rahul Education Society's (Regd.)  
**SHREE L. R. TIWARI COLLEGE OF ENGINEERING**  
Kanakia 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: slrtce@rahuleducation.com | Website: www.slrtce.in

**DEPARTMENT OF MECHANICAL ENGINEERING**

Ref.No.: 2018-19/ Seminar & Training/ Mech /07  
Date: 02/04/ 2019

TO,  
The Principal,  
SLRTCE, Mira Road (East),  
Mumbai - 401107.

**Subject: Permission for conducting a training on "Robotics" on 9-11<sup>th</sup> April, 2019 (Tuesday to Thursday, Time: 9 AM to 5 PM)**

Respected Sir,

I, Prof. Vikash Agrawal, Head of Department of Mechanical Engineering, SLRTCE, would like to take your permission on behalf of the department for conducting a **24hours Training** on "Robotics". We are conducting this training keeping in mind the objective to motivate and enhance capabilities of students and provide guidance about latest technologies in industry.

Below are the tentative details of the event: -

**Event name: seminar on "Non-Destructive Testing"**

**Organized by:** Department of Mechanical Engineering

**Speaker/ Trainer:** Mr. Suresh Pal

**Details of speaker:** Subject Matter Expert, ATS Learning Solutions, Delhi-110024

**Venue:** Lab-304, SLRTCE.

**Date:** 9<sup>th</sup> to 11<sup>th</sup> April, 2019

**Time:** 9AM to 5PM

**Fees:** Students have paid only exam fee for Microsoft certification exam

**Honorarium of Speaker:** NIL

**Expenses:** Nill

**Participants:** Third Year and Final Year students with 2018 batch passed out student.

Kindly give us the permission to conduct the training and suggest some improvements if you feel there are any shortcomings of this proposal.

Thanking you,



*Agrawal*  
02/04/19  
Yours sincerely

HOD (Mechanical Engineering)


*[Signature]*  
PRINCIPAL  
Shree L. R. Tiwari College of Engineering  
Kanakia Park, Mira Road (E).

### Bridge Course: Robotics

<b>Course Code</b>	<b>Course Name: Robotics</b>
<b>RB01</b>	<b>Total Contact Hours :30</b>
	<b>Prerequisite:</b> 1. Programming in a high-level language and its use in solving engineering problems 2. Motion of rigid bodies and kinematics of mechanisms 3. Dynamics
<b>Course Objective</b>	
To enhance holistic development of students and improve their employability skills.	
<b>Course outcome:</b> Learner will be able	
1.	To develop the student's knowledge in various robot structures and their workspace.
2.	To develop student's skills in performing spatial transformations associated with rigid body motions.
3.	To develop student's skills in perform kinematics analysis of robot systems
4.	To provide the student with some knowledge and analysis skills associated with trajectory planning.
5	To provide the student with some knowledge and skills associated with robot control

Sr. No.	Module	Detail Contents	Hours
1	<b>Core programming</b>	Understand computer storage and data types, Understand computer decision structures, Identify the appropriate method for handling repetition, Understand error handling	4
2	<b>Object Oriented programming</b>	Understand the fundamentals of classes, Understand inheritance, Understand polymorphism, Understand encapsulation	8
3	<b>General Software Development</b>	Understand application life cycle management, Interpret application specifications, Understand algorithms and data structures	4
4	<b>Web Applications</b>	Understand web page development, Understand Microsoft ASP.NET web application development, Understand web hosting, Understand web services	6
5	<b>Understand Windows apps</b>	Understand Windows apps, Understand console-based applications, Understand Windows Services	4
6	<b>Relational database management systems</b>	Characteristics and capabilities of database products, database design, Entity Relationship Diagrams (ERDs), normalization concepts, Understand database query methods, Understand database connection methods	4



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

## REFERENCE

1. Robotics and Artificial Intelligence” by Michael Brady
2. Forbidden Gates: How Genetics, Robotics, Artificial Intelligence, Synthetic Biology, Nanotechnology, and Human Enhancement Herald, The Dawn of the Techno-Dimensional” by Thomas Horn.
3. “Computational Intelligence, Control and Computer Vision in Robotics and Automation” by Bidyadhar Subudhi
4. “Artificial Intelligence: A Beginner’s Guide (Beginner’s Guides)” by Blay Whitby



*Handwritten signature*

1

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

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: slrtce@rahuleducation.com | Website: www.slrtce.in

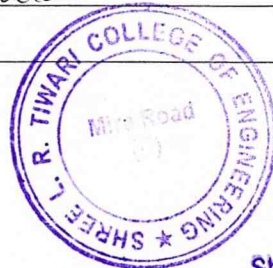
## DEPARTMENT OF MECHANICAL ENGINEERING Training on "Robotics"

### Attendance Sheet

Date: 09/04/2019

Time 8 am to 6 pm

Sr. No	Name of the student	Class	Signature
1	Shaoma Ravisanjan S	T.E Mech	Shaoma
2	Harshil Mehta	"	H Mehta
3	Milan P. Nalk	TE Mech	Milan
4	Soham J. Sanathra	"	Soham
5	Kushwaha Vinod Ram Karansingh	T.E (MECH)	Vinod
6	Sachin Kaudpal	T.E. (MECH)	Sachin
7	Kalpel. V. Nalawade	TE (MECH)	Kalpel
8	Chisag. Chawda	-	Chisag
9	Bhavesh. V. Nair	BE MECH	Bhavesh
10	Abhishck Pandey	BE MECH	Abhishck
11	Gyanendra Yadav	B.E-Mech	Gyanendra
12	Acharya Sahil	BE-Mech	Sahil
13	Pravin Kumar Yadav	B.E-MECH-A	Pravin
14	Rupesh Kumar Yadav	BE Mech-A	Rupesh
15	Solanki Jay	BE MECH A	Jay
16	Chinmay Mishra	BE mech	Chinmay
17	Ajay Gupta.	BE Mech	Ajay
18	Jay Panchal		Jay Panchal
19	Siddhesh Bagal	BE mech	Siddhesh
20	Dharmil Popori	BE MECH	Dharmil
21	Shubham Kale	BE MECH	Shubham
22	Veet Madhani	TE ME	Veet
22	Mamikant Yadav	TE ME	Mamikant



*(Signature)*

PRINCIPAL

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



Shree Rahul Education Society's (Regd.)

# SHREE L. R. TIWARI COLLEGE OF ENGINEERING

Kanakia 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: slrtce@rahuleducation.com | Website: www.slrtce.in

## DEPARTMENT OF MECHANICAL ENGINEERING

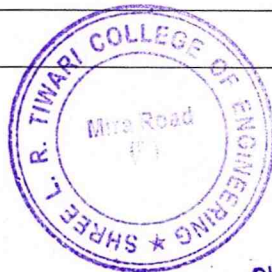
### Training on "Robotics"

#### Attendance Sheet

Date: 10/04/2019

Time 8 am to 6 pm

Sr. No	Name of the student	Class	Signature
1.	Sharna Pawarajan. S	T.E Mech	
2.	Harshil mehta	"	
3.	Milan P. Nalka	TE Mech	
4.	Sham. J. Sarathra	"	
5.	Kushwaha Vinod Ramkaransingh	T.E (MECH)	
6.	Sachin Kaudpal	T.E. (MECH)	
7.	Chirag Chouda	"	
8.	Kalpesh V. Nalawade	TE MECH	
9.	Bhawesh . V . Nair	BEMECH	
10.	Abhishhek Pandey	BE MECH	
11.	Gyanendra Yadav	B-E mech	
12.	Acharya Sahil	BE-mech	
13.	Solanki. Jay	BE-mech	
14.	chinnay Mishra	BE mech	
15.	Pravin Kumar Yadav.	BE MECH.	
16.	Rupesh Kumar Yadav	BE MECH	
17.	Dhanraj Bopari	BE MECH	
18.	Siddhesh Bagat	BE MECH	
19.	Jay. Ranchof		
20.	Shubham Kale	BEMECH	
21.	Veet Madhani	TE ME	
22.	Manikant Yadave	TE .ME	



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



Shree Rahul Education Society's (Regd.)

# SHREE L. R. TIWARI COLLEGE OF ENGINEERING

Kanakia 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: slrtce@rahuleducation.com | Website: www.slrtce.in

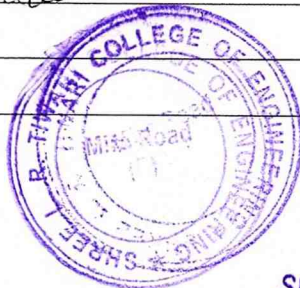
## DEPARTMENT OF MECHANICAL ENGINEERING Training on "Robotics"

### Attendance Sheet

Date: 11/04/2019

Time 8 am to 6 pm

Sr. No	Name of the student	Class	Signature
1.	Sharma Ravirajans	T.E Mech	
2.	Harshil Mehta	"	
3.	Milan Nark	TE Mech	
4.	Soham J. Janatra	-11-	
5.	Kushwaha Vinod Ramkaransingh	T.E(MECH)	
6.	Sachin Kandpal	TE.(MECH)	
7.	Chirag Chavda	-11-	
8.	Kalpekh. Nalawade	TE MECH	
9.	Bhavesh. V. Nair	BE MECH	
10.	Abhishik .A. Pansley	BE MECH	
11.	Gyanendra Yadav	BE mech	
12.	Acharya Sahil	BE-Mech	
13.	Pravin Kumar Yadav.	B.E.MECH-A.	
14.	Rupesh Kumar Yadav	BE MECH-A	
15.	Solanki. Jay	BE MECH-A	
16.	Chinmy mishra	B.E mech	
17.	Dharmendrapopari	BE MECH	
18.	Siddhesh Bagal	BE MECH	
19.	Jay. Panchar		
20.	Shubham Kale	BE MECH	
21.	Veet Madhani	TE ME	
22.	Manikant Yadav	TE ME	



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. : 2018-19/MECH/Training & Seminar/03

Date : 11/04/2019

To,  
Mr. Suresh Pal  
Subject Matter Expert  
ATS Learning Solutions  
Delhi- 110024

## LETTER OF APPRECIATION

Dear Sir,

It gives me immense pleasure to express my profound appreciation to you on behalf of Shree L. R. Tiwari College of Engineering for the training conducted by you on "Robotics" for our students.

Your Seminar was an inspiring and rewarding experience for all the participants. It was very well appreciated by our students and faculty members and will immensely benefit them in future.

We appreciate your gesture and hope to receive the same response and support from you in future.

Thanking You,

*Received  
S. Pal*



Yours faithfully,

Dr. S. Ram Reddy  
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

Kanakia 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: slrtce@rahuleducation.com | Website: www.slrtce.in

35

## Department of Mechanical Engineering

Academic Year 2018 - 2019

### Report for Bridge Course on "Robotics"

<b>Title</b>	Robotics
<b>Date</b>	9 <sup>th</sup> April to 11 <sup>th</sup> April 2019
<b>Number of participants</b>	23
<b>Objectives</b>	The student shall be able to enhance Holistic Development of students and to improve employability skills.
<b>Takeaways from the Session</b>	The bridge Course on "robotics" was conducted by the Department of Mechanical Engineering, SLRTCE. The course helps to understand how to accomplish the goal of Learning the Core Programming, Object Oriented Programming, software development, web application and windows application, and relation Database management system and understand the database connection methods.
<b>Outcomes</b>	<b>Students will be able to understand the</b> 1. To develop student Knowledge in various robot structures and their work space. 2. To develop students' skill in spatial transformation associated with rigid bodies motion.

Signature



PRINCIPAL

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



**Workshop**

on

**“Basic Programming Using Python”**

By

**Mr.Akshan Dhoke (FOSSEE,IITB)**

On

**18,19,20<sup>th</sup> March 2019**



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

*Handwritten signature*  
**HEAD, COMPUTER ENGG. DEPT.**  
Shree L. R. Tiwari College  
of Engineering  
Mira Road



Shree Rahul Education Society's (Regd.)

# SHREE L.R. TIWARI COLLEGE OF ENGINEERING

Kanakia Park, Mira Road(E),Thane-401107,Maharashtra.

(Approved by AICTE & DTE, Maharashtra State & Affiliated to University of Mumbai)

ISO 9001:2008 Certified. DTE Code No. 3423

Ref.No.: SLRTCE/CS/2018-19/ODD/WS-41

Date: 15<sup>th</sup> March, 2019

To,  
The Principal,  
SLRTCE, Mira Road(East),  
Mumbai - 401107.

**Subject: Request to grant permission for conducting Three Days Workshop on "Basic programming using python" in collaboration with FOSSEE IIT, Mumbai, on 18,19 and 20<sup>th</sup> March, 2019 (Time: 09.00am onwards)**

Respected Sir,

I, Dr. Vinayak D. Shinde, Head of Department of Computer Engineering, SLRTCE, would like to take your permission on behalf of the department for conducting three days' workshop on "Basic programming using python". Below are the details of the event: -

**Event name:** A Work shop on "Basic programming using python".

**Objectives of Work shop:**

1. To understand basic concepts in python.
2. To explore contents of files, directories and text processing with python
3. To develop program for data structure using built in functions in python.
4. To explore django web framework for developing python based web application.
5. To understand file handling and database handling.
6. To explore basics of two-way communication between client and server using python.

**Organized by:** Department of Computer Engineering

**Speaker:** Mr. Akshan Dhoke .

**Designation:** FOSSEE, IITB.

**Venue:** Lab No.312 (3<sup>rd</sup> floor Computer lab, SLRTCE).

**Date:** 18,19& 20<sup>th</sup> March, 2019 (Monday, Tuesday & Wednesday).

**Time:** 09.00am to 5.00pm.

**Fees:** Free for all.

**Total no of Student Registration expected:** 40.

**Honorarium of Speaker:** Nil.

**Expenses:** Nil.

**Participants:** T.E CS

Kindly give us the permission to conduct the workshop. Suggest some improvements if you feel there are any shortcomings of this proposal.

Thanking you.

Yours sincerely,

Dr. Vinayak D. Shinde  
Head of department(CS)



Approved by:

Dr. S.Ram Reddy  
Principal

15.3.2019

HEAD, COMPUTER ENGG. DEPT.  
Shree L. R. Tiwari College  
of Engineering  
Mira Road

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



Shree Rahul Education Society's (Regd.)

# SHREE L.R. TIWARI COLLEGE OF ENGINEERING

Kanakia Park, Mira Road(E),Thane-401107,Maharashtra.

(Approved by AICTE & DTE, Maharashtra State & Affiliated to University of Mumbai)

ISO 9001:2008 Certified. DTE Code No. 3423

## DEPARTMENT OF COMPUTER ENGINEERING

Ref.No.: SLRTCE/CS/2018-19/ODD/WS-42

Date: 15 March 2019

### NOTICE

**Attention to:** Third year students of department of Computer Engineering.

**Subject:** Three days' workshop on "Basic programming using python".

All the students are hereby informed that we are organizing two days' workshop on "Basic programming using python". The Moto of this workshop is to give detailed practical knowledge of basic python programming.

**Details of the event: -**

**Speaker:** Mr. Akshan Dhoke .

**Designation:** Instructor, FOSSEE, IITB.


**Venue:** Lab No. 312 (3<sup>rd</sup> Floor, SLRTCE).

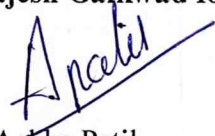
**Date:** 18<sup>th</sup>, 19<sup>th</sup> & 20<sup>th</sup> March 2019

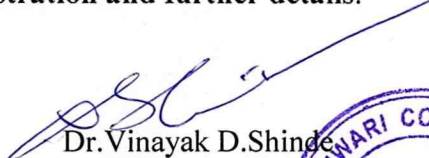
**Timing:** 9.00am to 05.00 pm.

**Fees:** Free for all.


All Interested students kindly contact to Prof. Rajesh Gaikwad for registration and further details.


  
Prof. Rajesh Gaikwad  
Event Coordinator, CS

  
Prof. Aasha Patil  
Event Coordinator, CS

  
Dr. Vinayak D. Shinde  
HOD, CS



  
HEAD, COMPUTER ENGG. DEPT.  
Shree L. R. Tiwari College  
of Engineering  
Mira Road

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



Rajesh Gaikwad &lt;rajesh.gaikwad@slrtce.in&gt;

**FOSSEE Workshop Details | 18-03-2019**

1 message

FOSSEE Workshops &lt;workshops@fossee.in&gt;

Wed, Mar 13, 2019 at 4:52 PM

To: rajesh.gaikwad@slrtce.in

Dear Sir/Madam,

We have created a course for your python workshop on yaksh portal.

The enrolment process will start from 2019-03-14 09:00:00

Please ask the participants to register and enroll in the course using the below-given details

**Course Name: Basic Programming Using Python, Shree L R Tiwari College of Engineering****Course Code: BBPY\_LRTCE18**

We will be using appear.in for communication on the day of the workshop

If you've any queries please revert to this mail.

Regards,

Akshen Doke

FOSSEE, IITB



*UP*  
HEAD, COMPUTER ENGG. DEPT.  
Shree L. R. Tiwari College  
of Engineering  
Mira Road

*SL*  
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

Kanakiya Park, Mira Road(E),Thane-401107,Maharashtra.

(Approved by AICTE & DTE, Maharashtra State & Affiliated to University of Mumbai)

ISO 9001:2008 Certified. DTE Code No. 3423

## DEPARTMENT OF COMPUTER ENGINEERING

### Attendance sheet for "Basic programming using python" workshop

Sr. No	Name of Students	Year	Roll No.	Day-1 (18/3/2019)	
				Session -1	Session -2
1	BARAI YOGESHKUMAR SHIVAJI	T.E	2		
2	CHAUDHARI DINESH KISHORE	T.E	4		
3	CHOWDHARY YASH SANJAY	T.E	5		
4	DAVE MAHIMAN PRADEEP	T.E	6		
5	DUBEY AKHANDKUMAR	T.E	7		
6	DUBEY AMIT CHANDRIKA	T.E	8		
7	GUPTA AKSHATA LALIT KUMAR	T.E	10		
8	GUPTA SURAJ LALBAHADUR	T.E	11		
9	KAMTHE SHRUSHTI VILAS SUJATA	T.E	14		
10	KASHYAP AAKASH AWDHESH	T.E	15		
11	KATARA GAURAV UMAHANKAR	T.E	16		
12	KUSHWAHA SANDIPKUMAR	T.E	17		
13	LAD MADHURA MARUTI	T.E	18		
14	LODH VIVEK VAISHWANATH	T.E	19		
15	MADYE SONAL MADHUSUDAN	T.E	20		



HEAD, COMPUTER ENGG. DEPT.  
Shree L. R. Tiwari College  
of Engineering  
Mira Road

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

Kanakia Park, Mira Road(E),Thane-401107,Maharashtra.

(Approved by AICTE & DTE, Maharashtra State & Affiliated to University of Mumbai)

ISO 9001:2008 Certified. DTE Code No. 3423

16	MAURYA AMIT RAMPRASAD	T.E	22	<i>Amit</i>	
17	MISHRA ABHILASHA RAJEEV	T.E	23	<i>Abhilasha</i>	<i>Abhilasha</i>
18	MISHRA AVINASH SURENDRA	T.E	24	<i>Amishra</i>	<i>Amishra</i>
19	MISHRA HARSHIT RAVINDRA	T.E	25	<i>Harsh</i>	<i>Harsh</i>
20	MOURYA YOGESH KUMAR	T.E	26	<i>Yogesh</i>	<i>Yogesh</i>
21	NEGI PRITI BHIMSINGH	T.E	27	<i>Priti</i>	<i>Priti</i>
22	PANDEY PRAGATI BRIJESH	T.E	29	<i>Pragati</i>	<i>Pragati</i>
23	PANDEY SAURABH VAKILPRASAD	T.E	30	<i>Saurabh</i>	<i>Saurabh</i>
24	PATIL NIKHIL RAJESH POOJA	T.E	33	<i>Nikhil</i>	<i>Nikhil</i>
25	PAWAR AJINKYA ABHIMANYU	T.E	34	<i>Ajinkya</i>	<i>Ajinkya</i>
26	PILLAY PRAFUL PRASHANT	T.E	35	<i>Pillay</i>	<i>Pillay</i>
27	PRAJAPATI BHAVIK HIRALAL	T.E	37	<i>Bhavik</i>	<i>Bhavik</i>
28	RIZVI MARZIA NASIR TANVEER	T.E	40	<i>Marzia</i>	<i>Marzia</i>
29	SAW HARIOM BHAGIRATH	T.E	43	<i>Hariom</i>	<i>Hariom</i>
30	SAYYAD SAHIL SAYYADALI	T.E	45	<i>S</i>	<i>S</i>
31	SHAH MINESH KETAN	T.E	46	<i>Minesh</i>	<i>Minesh</i>
32	SINGH ANUJ MANOJ	T.E	51	<i>Anuj</i>	<i>Anuj</i>
33	SINGH ATUL NAGENDRA	T.E	52	<i>Atul</i>	<i>Atul</i>
34	SINGH SHIVANSH SANJAY	T.E	53	<i>Shivansh</i>	<i>Shivansh</i>
35	SINGH THAKUR DURGESHWAR	T.E	55	<i>Singh</i>	<i>Singh</i>
36	TIWARI AAKASH C.	T.E	57	<i>Aakash</i>	<i>Aakash</i>
37	UPADHYAY MEGHANK SURENDRA	T.E	59	<i>Meghank</i>	<i>Meghank</i>
38	VAISHYA SANTOSH RAJKUMAR	T.E	60	<i>Santosh</i>	<i>Santosh</i>



*SMP*  
HEAD, COMPUTER ENGG. DEPT.  
Shree L. R. Tiwari College  
of Engineering  
Mira Road

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



Shree Rahul Education Society's (Regd.)

# SHREE L.R. TIWARI COLLEGE OF ENGINEERING

Kanakia Park, Mira Road(E),Thane-401107,Maharashtra.

(Approved by AICTE & DTE, Maharashtra State & Affiliated to University of Mumbai)

ISO 9001:2008 Certified. DTE Code No. 3423

39	VORA DEEP SUNIL	T.E	61		
40	VYAS KARAN LALIT	T.E	62		
41	YADAV NITIN OMPRAKASH	T.E	64		
42	KADLAG SWAPNIL	T.E	65		
43	PHALKE SAGAR	T.E	66		

Prof. Aabha A. Patil

Event Coordinator  
Department of Computer Engineering

Dr. Vinayak D. Shinde

H.O.D.  
Department of Computer Engineering



HEAD, COMPUTER ENGG. DEPT.  
Shree L. R. Tiwari College  
of Engineering  
Mira Road

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



Shree Rahul Education Society's (Regd.)

# SHREE L.R. TIWARI COLLEGE OF ENGINEERING

Kanakia Park, Mira Road(E), Thane-401107, Maharashtra.

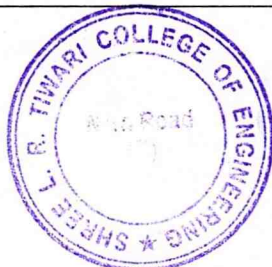
(Approved by AICTE & DTE, Maharashtra State & Affiliated to University of Mumbai)

ISO 9001:2008 Certified. DTE Code No. 3423

## DEPARTMENT OF COMPUTER ENGINEERING

### Attendance sheet for "Basic programming using python" workshop

Sr. No	Name of Students	Year	Roll No.	Day-3 (20/3/2019)	
				Session -1	Session -2
1	BARAI YOGESHKUMAR SHIVAJI	T.E	2		
2	CHAUDHARI DINESH KISHORE	T.E	4		
3	CHOWDHARY YASH SANJAY	T.E	5		
4	DAVE MAHIMAN PRADEEP	T.E	6		
5	DUBEY AKHANDKUMAR	T.E	7		
6	DUBEY AMIT CHANDRIKA	T.E	8		
7	GUPTA AKSHATA LALIT KUMAR	T.E	10		
8	GUPTA SURAJ LALBAHADUR	T.E	11		
9	KAMTHE SHRUSHTI VILAS SUJATA	T.E	14		
10	KASHYAP AAKASH AWDHESH	T.E	15		
11	KATARA GAURAV UMAHANKAR	T.E	16		
12	KUSHWAHA SANDIPKUMAR	T.E	17		
13	LAD MADHURA MARUTI	T.E	18		
14	LODH VIVEK VAISHWANATH	T.E	19		
15	MADYE SONAL MADHUSUDAN	T.E	20		



HEAD, COMPUTER ENGG. DEPT.  
Shree L. R. Tiwari College  
of Engineering  
Mira Road

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





Shree Rahul Education Society's (Regd.)

# SHREE L.R. TIWARI COLLEGE OF ENGINEERING

Kanakia Park, Mira Road(E), Thane-401107, Maharashtra.

(Approved by AICTE & DTE, Maharashtra State & Affiliated to University of Mumbai)

ISO 9001:2008 Certified. DTE Code No. 3423

16	MAURYA AMIT RAMPRASAD	T.E	22	<i>Amit</i>	<i>Amit</i>
17	MISHRA ABHILASHA RAJEEV	T.E	23	<i>Abhilasha</i>	<i>Abhilasha</i>
18	MISHRA AVINASH SURENDRA	T.E	24	<i>Avinash</i>	<i>Avinash</i>
19	MISHRA HARSHIT RAVINDRA	T.E	25	<i>Harsh</i>	<i>Harsh</i>
20	MOURYA YOGESH KUMAR	T.E	26	<i>Yogesh</i>	<i>Yogesh</i>
21	NEGI PRITI BHIMSINGH	T.E	27	<i>Priti</i>	<i>Priti</i>
22	PANDEY PRAGATI BRIJESH	T.E	29	<i>Pragati</i>	<i>Pragati</i>
23	PANDEY SAURABH VAKILPRASAD	T.E	30	<i>Saurabh</i>	<i>Saurabh</i>
24	PATIL NIKHIL RAJESH POOJA	T.E	33	<i>Nikhil</i>	<i>Nikhil</i>
25	PAWAR AJINKYA ABHIMANYU	T.E	34	<i>Ajinkya</i>	<i>Ajinkya</i>
26	PILLAY PRAFUL PRASHANT	T.E	35	<i>Pillay</i>	<i>Pillay</i>
27	PRAJAPATI BHAVIK HIRALAL	T.E	37	<i>Bh.P.</i>	<i>Bh.P.</i>
28	RIZVI MARZIA NASIR TANVEER	T.E	40	<i>Marzia</i>	<i>Marzia</i>
29	SAW HARIOM BHAGIRATH	T.E	43	<i>Haris</i>	<i>Haris</i>
30	SAYYAD SAHIL SAYYADALI	T.E	45	<i>Sahil</i>	<i>Sahil</i>
31	SHAH MINESH KETAN	T.E	46	<i>Minesh</i>	<i>Minesh</i>
32	SINGH ANUJ MANOJ	T.E	51	<i>Anuj</i>	<i>Anuj</i>
33	SINGH ATUL NAGENDRA	T.E	52	<i>Atul</i>	<i>Atul</i>
34	SINGH SHIVANSH SANJAY	T.E	53	<i>Shivansh</i>	<i>Shivansh</i>
35	SINGH THAKUR DURGESHWAR	T.E	55	<i>Thakur</i>	<i>Thakur</i>
36	TIWARI AAKASH C.	T.E	57	<i>Aakash</i>	<i>Aakash</i>
37	UPADHYAY MEGHANK SURENDRA	T.E	59	<i>Meghank</i>	<i>Meghank</i>
38	VAISHYA SANTOSH RAJKUMAR	T.E	60	<i>Santosh</i>	<i>Santosh</i>



MP  
HEAD, COMPUTER ENGG. DEPT.  
Shree L. R. Tiwari College  
of Engineering  
Mira Road

GS.

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



Shree Rahul Education Society's (Regd.)

# SHREE L.R. TIWARI COLLEGE OF ENGINEERING

Kanakia Park, Mira Road(E), Thane-401107, Maharashtra.

(Approved by AICTE & DTE, Maharashtra State & Affiliated to University of Mumbai)

ISO 9001:2008 Certified. DTE Code No. 3423

39	VORA DEEP SUNIL	T.E	61		
40	VYAS KARAN LALIT	T.E	62	AB	AB
41	YADAV NITIN OMPRAKASH	T.E	64		
42	KADLAG SWAPNIL	T.E	65		
43	PHALKE SAGAR	T.E	66		

Prof. Aabha A. Patil

Event Coordinator  
Department of Computer Engineering

Dr. Vinayak D. Shinde

H.O.D.  
Department of Computer Engineering



HEAD, COMPUTER ENGG. DEPT.  
Shree L. R. Tiwari College  
of Engineering  
Mira Road

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



Shree Rahul Education Society's (Regd.)

# SHREE L.R. TIWARI COLLEGE OF ENGINEERING

Kanakia Park, Mira Road(E), Thane-401107, Maharashtra.

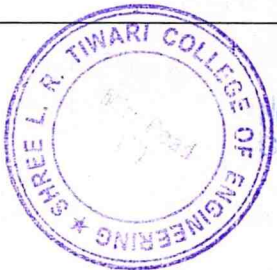
(Approved by AICTE & DTE, Maharashtra State & Affiliated to University of Mumbai)

ISO 9001:2008 Certified. DTE Code No. 3423

## DEPARTMENT OF COMPUTER ENGINEERING

### Attendance sheet for "Basic programming using python" workshop

Sr. No	Name of Students	Year	Roll No.	Day-2 (19/3/2019)	
				Session -1	Session -2
1	BARAI YOGESHKUMAR SHIVAJI	T.E	2		
2	CHAUDHARI DINESH KISHORE	T.E	4		
3	CHOWDHARY YASH SANJAY	T.E	5		
4	DAVE MAHIMAN PRADEEP	T.E	6		
5	DUBEY AKHANDKUMAR	T.E	7		
6	DUBEY AMIT CHANDRIKA	T.E	8		
7	GUPTA AKSHATA LALIT KUMAR	T.E	10		
8	GUPTA SURAJ LALBAHADUR	T.E	11		
9	KAMTHE SHRUSHTI VILAS SUJATA	T.E	14		
10	KASHYAP AAKASH AWDHESH	T.E	15		
11	KATARA GAURAV UMAHANKAR	T.E	16		
12	KUSHWAHA SANDIPKUMAR	T.E	17		
13	LAD MADHURA MARUTI	T.E	18		
14	LODH VIVEK VAISHWANATH	T.E	19		
15	MADYE SONAL MADHUSUDAN	T.E	20		



HEAD, COMPUTER ENGG. DEPT.  
Shree L. R. Tiwari College  
of Engineering  
Mira Road

PRINCIPAL

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



Shree Rahul Education Society's (Regd.)

# SHREE L.R. TIWARI COLLEGE OF ENGINEERING

Kanakia Park, Mira Road(E),Thane-401107,Maharashtra.

(Approved by AICTE & DTE, Maharashtra State & Affiliated to University of Mumbai)

ISO 9001:2008 Certified. DTE Code No. 3423

16	MAURYA AMIT RAMPRASAD	T.E	22	<i>Amit</i>	<i>Amit</i>
17	MISHRA ABHILASHA RAJEEV	T.E	23	<i>Abhilasha</i>	<i>Abhilasha</i>
18	MISHRA AVINASH SURENDRA	T.E	24	<i>Amishra</i>	<i>Amishra</i>
19	MISHRA HARSHIT RAVINDRA	T.E	25	<i>Harshir</i>	<i>Harshir</i>
20	MOURYA YOGESH KUMAR	T.E	26	<i>Yog</i>	<i>Yog</i>
21	NEGI PRITI BHIMSINGH	T.E	27	<i>Priti</i>	<i>Priti</i>
22	PANDEY PRAGATI BRIJESH	T.E	29	<i>Pragati</i>	<i>Pragati</i>
23	PANDEY SAURABH VAKILPRASAD	T.E	30	<i>Saurabh</i>	<i>Saurabh</i>
24	PATIL NIKHIL RAJESH POOJA	T.E	33	<i>N.Patil</i>	<i>N.Patil</i>
25	PAWAR AJINKYA ABHIMANYU	T.E	34	<i>Pawar</i>	<i>Pawar</i>
26	PILLAY PRAFUL PRASHANT	T.E	35	<i>Pillay</i>	<i>Pillay</i>
27	PRAJAPATI BHAVIK HIRALAL	T.E	37	<i>Bhp</i>	<i>Bhp</i>
28	RIZVI MARZIA NASIR TANVEER	T.E	40	<i>Maria</i>	<i>Maria</i>
29	SAW HARIOM BHAGIRATH	T.E	43	<i>Hario</i>	<i>Hario</i>
30	SAYYAD SAHIL SAYYADALI	T.E	45	<i>Sahil</i>	<i>S</i>
31	SHAH MINESH KETAN	T.E	46	<i>Minesh</i>	
32	SINGH ANUJ MANOJ	T.E	51	<i>Anuj</i>	<i>Anuj</i>
33	SINGH ATUL NAGENDRA	T.E	52	<i>Atul</i>	<i>Atul</i>
34	SINGH SHIVANSH SANJAY	T.E	53	<i>Shivansh</i>	<i>Shivansh</i>
35	SINGH THAKUR DURGESHWAR	T.E	55	<i>Dingro</i>	<i>Dingro</i>
36	TIWARI AAKASH C.	T.E	57	<i>Aakash</i>	<i>Aakash</i>
37	UPADHYAY MEGHANK SURENDRA	T.E	59	<i>Megha</i>	<i>Megha</i>
38	VAISHYA SANTOSH RAJKUMAR	T.E	60	<i>Santosh</i>	<i>Santosh</i>



HEAD, COMPUTER ENGG. DEPT.  
Shree L. R. Tiwari College  
of Engineering  
Mira Road

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



Shree Rahul Education Society's (Regd.)

# SHREE L.R. TIWARI COLLEGE OF ENGINEERING

Kanakia Park, Mira Road(E),Thane-401107,Maharashtra.

(Approved by AICTE & DTE, Maharashtra State & Affiliated to University of Mumbai)

ISO 9001:2008 Certified. DTE Code No. 3423

39	VORA DEEP SUNIL	T.E	61		
40	VYAS KARAN LALIT	T.E	62		
41	YADAV NITIN OMPRAKASH	T.E	64		
42	KADLAG SWAPNIL	T.E	65		
43	PHALKE SAGAR	T.E	66		

Prof.Aabha A.Patil

Event Coordinator  
Department of Computer Engineering

Dr.Vinayak D.Shinde

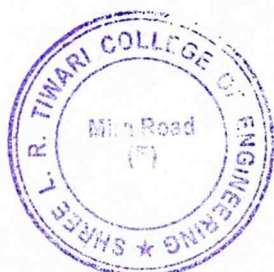
H.O.D.  
Department of Computer Engineering



HEAD, COMPUTER ENGG. DEPT.  
Shree L. R. Tiwari College  
of Engineering  
Mira Road

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

<b>Report on Workshop</b>	
<b>Particulars</b>	<b>Description</b>
<b>Activity:</b>	Technical
<b>Sub Activity:</b>	Workshop
<b>Activity level:</b>	Inter Department
<b>Title:</b>	Basic programming using Python
<b>Organized by:</b>	Department of Computer Engineering
<b>Venue:</b>	Lab No..312 ( 3rd floor ,SLRTCE)
<b>Date:</b>	18th,19th and 20th -March-2019
<b>Time:</b>	9.00pam -5.00pm
<b>Objective of event:</b>	The course is designed to provide Basic knowledge of Python. Python programming is intended for software engineers, system analysts, program managers and user support personnel who wish to learn the Python programming language.
<b>Expected Outcomes of event :</b>	Problem solving and programming capability
<b>Targeted Participants :</b>	T.E
<b>Total Participants:</b>	43
<b>Speaker:</b>	Mr. Akshan Dhoke (FOSSEE, IITB)
<b>List Of distinguished guest present during opening ceremony :</b>	Dr.Vinayak Shinde (H.O.D of department of computer engineering).
<b>List of distinguished guest present during closing ceremony:</b>	Dr.Vinayak Shinde (H.O.D of department of computer engineering)



*(Handwritten signature)*

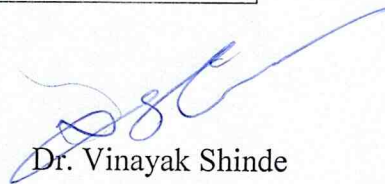
**PRINCIPAL**

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

<b>Content of the activity :</b>	<ul style="list-style-type: none"> <li>• Introduction</li> <li>• Conditional Statements, Looping, Control Statements.</li> <li>• String Manipulation</li> <li>• Collections (Lists, Tuples, Dictionaries)</li> <li>• Functions</li> <li>• Modules/Packages</li> <li>• Input-Output</li> <li>• Exception Handling</li> <li>• OOPs concept</li> <li>• Regular expressions</li> <li>• Database</li> <li>• GUI Programming</li> </ul>
<b>Methodology used:</b>	<ol style="list-style-type: none"> <li>1) Power point presentation.</li> <li>2) Presentation with notes and comments.</li> <li>3) Discussion</li> </ol>



Mrs..Abha Patil  
Event Coordinator, CS



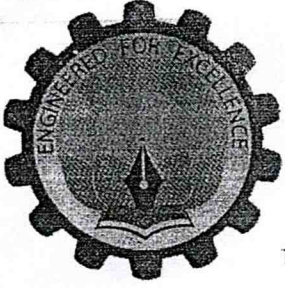
Dr. Vinayak Shinde  
HOD, CS

HEAD, COMPUTER ENGE. DEPT.  
Shree L. R. Tiwari College  
of Engineering  
Mira Road




**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)

## Department of Mechanical Engineering

1<sup>st</sup> July 2018

### Notice


All Students and Faculty Members

The Mechanical Engineering Department is pleased to announce a seminar on "Air Pollution and Control" scheduled for 2<sup>nd</sup> July 2018 at 2 pm in Seminar hall. The seminar will be conducted by Dr. S.S. Bhusnoor, a distinguished professor in the Department of Mechanical Engineering at K J Somaiya College of Engineering Vidyavihar.


#### Key Highlights:

- Understanding the sources and impacts of air pollution
- Exploring effective measures to control and mitigate air pollutants
- Interactive session for discussion and insights
- This seminar aims to raise awareness and provide insights into tackling the pressing issue of air pollution. Students and faculty members from all departments are encouraged to attend and engage in this informative session.

Your participation will contribute significantly to enhancing knowledge about environmental concerns and potential solutions.

  
1/07/2018  
Yogita Umesh Yerne  
Assistant Prof.



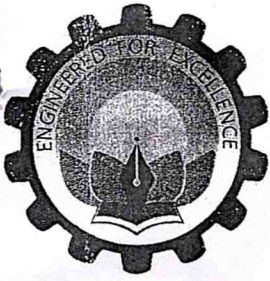
  
Vikas Agrawal  
HoD Mechanical

VISION: To be a world-class institute and a front runner in the educational and socio-economic development of the nation by providing high-quality technical education to students from all sections of society.

MISSION: To provide superior learning experiences in a caring and conducive environment so as to empower students to be successful in life and contribute positively to society.

  
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 / MECH / 2018-19 / V2

Date : 2/07/2018

To,  
Dr. S.S. Bhusnoor  
Professor  
K.J. Somaiya college of Engineering, Vidyavihar  
Mumbai- 400077

Respected Sir,

Greetings from SLRTCE!

We are planning to organize a course on "Air pollution and control" for Mechanical Engineering Department to bridge the gap between the Engineering Curriculum and Industry requirements, thus creating the best career prospects for our students.

With this intent, we would like to invite you as a speaker for this event. Under your guidance students will get acquainted with air pollution and its control.


It will be our pleasure if you send your consent within two days so as to enable us to make necessary arrangements for the seminar. We would be deeply honored by your august presence at the event.


Thanking you.

Received  
WZ



Yours sincerely,

  
Dr. S. Ram Reddy  
Principal

  
PRINCIPAL  
Engineering

**Bridge Course: Robotics**

<b>Course Code</b>	<b>Course Name: Air pollution and control</b>
<b>RB01</b>	<b>Total Contact Hours :30</b>
	<b>Prerequisite:</b> Environmental Engineering
<b>Course Objective</b>	
<ol style="list-style-type: none"> <li>1. The subject provides the knowledge of various effects of Air pollution on human beings and Vegetation and Materials.</li> <li>2. The topics of control methods, details of control equipment, and the methods of controlling gaseous are also included.</li> <li>3. The objective of the course is to study the moment, occurrence of ground water and its development and management</li> </ol>	
<b>Course outcome:</b> Learner will be able	
1.	Identify sampling and analysis techniques for air quality assessment
2.	Describe the plume behavior for atmospheric stability conditions
3.	Able to control air pollution by properties various techniques to control
4.	Identify sampling and analysis techniques for air quality assessment
5	Describe the plume behavior for atmospheric stability conditions

Sr. No.	Module	Detail Contents	Hours
1	<b>Air Pollution</b>	Definitions, Scope, Significance and Episodes, Air Pollutants – Classifications – Natural and Artificial – Primary and Secondary, point and Non-Point, Line and Areal Sources of air pollution- stationary and mobile sources.	4
2	<b>Effects of Air pollutants</b>	Effects of Air pollutants on man, material and vegetation; Global effects of air pollution – Green House effect, Heat Islands, Acid Rains, Ozone Holes etc	8
3	<b>Thermodynamics and Kinetics of Air-pollution</b>	Applications in the removal of gases like SO <sub>x</sub> ; NO <sub>x</sub> ; CO; HC etc., air-fuel ratio. Computation and Control of products of combustion. Meteorology and plume Dispersion; properties of atmosphere; Heat, Pressure, Wind forces, Moisture and relative Humidity; Influence of Meteorological phenomena on Air Quality wind rose diagrams.	4
4	<b>Measurement of air pollution</b>	Lapse Rates, Pressure Systems, Winds and moisture plume behavior and plume Rise Models; Gaussian Model for Plume Dispersion. Control of particulates – Control at Sources, Process Changes, Equipment modifications, Design and operation of control. Equipment's – Settling Chambers, Centrifugal separators, filters Dry and Wet scrubbers, Electrostatic precipitators.	6
5	<b>General Methods</b>	General Methods of Control of NO <sub>x</sub> and SO <sub>x</sub>	4



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

	of Control air pollution	emissions – In-plant Control Measures, process changes, dry and wet methods of removal and recycling. Air Quality Management – Monitoring of SPM, SO <sub>x</sub> ; NO <sub>x</sub> and CO Emission Standards.	
--	-----------------------------	--	--

### TEXT BOOK

1. Air pollution By M. N. Rao and H. V. N. Rao – Tata McGraw Hill Company.
2. Air pollution by Wark and Warner. – Harper & Row, New York.

### REFERENCE

- Air pollution and control By K.V.S.G. Murali Krishna, Kaushal Publishers. Kakinada.



A handwritten signature in blue ink, appearing to be "S. S." or similar.

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

SHREE L.R. TIWARI COLLEGE OF ENGINEERING

DEPARTMENT OF MECHANICAL ENGINEERING

Seminar on "Air Pollution and control"

Date: 21/07/18 Time: 9am to 5pm hrs: 8 hrs

SR NO	NAME OF THE STUDENT	SIGNATURE
1	ACHARYA OJAS SWETANK	<i>[Signature]</i>
2	ACHARYA SAHIL UMESH	<i>[Signature]</i>
3	AMONKAR ANIKET SUHAS	<i>[Signature]</i>
4	ANSARI HARIS ASGAR ALI	<i>[Signature]</i>
5	ATHANIA ANAS ZAFAR	<i>[Signature]</i>
6	CHAUHAN NILESH BALVANT	<i>[Signature]</i>
7	CHHEDA URVESH YOGESH	<i>[Signature]</i>
8	DOSHI ANUJ NILESH	<i>[Signature]</i>
9	DUBEY RISHABH DWARKA	<i>[Signature]</i>
10	FERNANDES BREZHNEV BENHUR	<i>[Signature]</i>
11	FUMAKIYA HARDIK DEEPAKBHAI	<i>[Signature]</i>
12	GUPTA NEHAL MADHAVLAL	<i>[Signature]</i>
13	GUPTA VISHAL BANARASI	<i>[Signature]</i>
14	JAIN DHAVAL CHETAN	<i>[Signature]</i>
15	JOIL RAVIRAJ ANANT	<i>[Signature]</i>
16	KASHID SACHIN SHAHAJI	<i>[Signature]</i>
17	KAZI BILAL ZUBER	<i>[Signature]</i>
18	KHAN AHAD AZEEM	<i>[Signature]</i>
19	KHAN MOHD.TARIQUE M.	<i>[Signature]</i>
20	KHAN MUNAWAR MUZAFFAR ALI	<i>[Signature]</i>
21	KHAN WALEED SAJID	<i>[Signature]</i>
22	KUMAR SHASHANK SHEKHAR A.	<i>[Signature]</i>
23	MISHRA ASHISH RAMCHANDRA	<i>[Signature]</i>
24	NAIR BHAVESH VIKRAM	<i>[Signature]</i>
25	NIKAM ABHISHEK D.	<i>[Signature]</i>
26	NOTHE PRABHJYOT SINGH J.	<i>[Signature]</i>
27	PANDEY SOURABH AVDHESH	<i>[Signature]</i>
28	PANDHE SANDESH PRADEEP	<i>[Signature]</i>
29	PARAB YASHIKA GAJANAN	<i>[Signature]</i>
30	PARMAR PAVAN JAGDISH	<i>[Signature]</i>
31	PATEL DINESH VEERARAM	<i>[Signature]</i>
32	PATEL YASH LALIT	<i>[Signature]</i>
33	SINGH ROHIT DINESH	<i>[Signature]</i>
34	THORAT KIRAN SAINATH	<i>[Signature]</i>
35	UPADHYY SATYAM K.	<i>[Signature]</i>
36	VADHANI BHAVYA BHAVIN	<i>[Signature]</i>
37	VEDPATHAK KUNAL PREMANAND	<i>[Signature]</i>
38	YADAV ABHISHEK VIRENDRA	<i>[Signature]</i>
39	YADAV GYANENDRA ABHILASH	<i>[Signature]</i>
40	YADAV ROHIT LALLAN	<i>[Signature]</i>
41	YADAV VIKAS RAMAKANT	<i>[Signature]</i>



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

SHREE L.R. TIWARI COLLEGE OF ENGINEERING

DEPARTMENT OF MECHANICAL ENGINEERING

Seminar on "Air Pollution and control"

Date: 4/08/19 Time: 9am to 5am hrs: 8 hr

SR NO	NAME OF THE STUDENT	SIGNATURE
1	ACHARYA OJAS SWETANK	Acharya
2	ACHARYA SAHIL UMESH	Sahil
3	AMONKAR ANIKET SUHAS	Aniket
4	ANSARI HARIS ASGAR ALI	Haris
5	ATHANIA ANAS ZAFAR	Anas
6	CHAUHAN NILESH BALVANT	Nilesh
7	CHHEDA URVESH YOGESH	Urvesh
8	DOSHI ANUJ NILESH	Anuj
9	DUBEY RISHABH DWARKA	Rishabh
10	FERNANDES BREZHNEV BENHUR	Brezhnev
11	FUMAKIYA HARDIK DEEPAKBHAI	Hardik
12	GUPTA NEHAL MADHAVLAL	Neהל
13	GUPTA VISHAL BANARASI	Vishal
14	JAIN DHAVAL CHETAN	Dhaval
15	JOIL RAVIRAJ ANANT	Raviraj
16	KASHID SACHIN SHAHAJI	Sachin
17	KAZI BILAL ZUBER	Bilal
18	KHAN AHAD AZEEM	Ahad
19	KHAN MOHD.TARIQUE M.	Tarique
20	KHAN MUNAWAR MUZAFFAR ALI	Munawar
21	KHAN WALEED SAJID	Waleed
22	KUMAR SHASHANK SHEKHAR A.	Shashank
23	MISHRA ASHISH RAMCHANDRA	Ashish
24	NAIR BHAVESH VIKRAM	Bhavesh
25	NIKAM ABHISHEK D.	Nikam
26	NOTHE PRABHJYOT SINGH J.	Prabhjyot
27	PANDEY SOURABH AVDHESH	Sourabh
28	PANDHE SANDESH PRADEEP	Sandesh
29	PARAB YASHIKA GAJANAN	Yashika
30	PARMAR PAVAN JAGDISH	Pavans
31	PATEL DINESH VEERARAM	Dinesh
32	PATEL YASH LALIT	Yash
33	SINGH ROHIT DINESH	Rohit
34	THORAT KIRAN SAINATH	Kiran
35	UPADHYAY SATYAM K.	Satyam
36	VADHANI BHAVYA BHAVIN	Bhavya
37	VEDPATHAK KUNAL PREMANAND	Kunal
38	YADAV ABHISHEK VIRENDRA	Abhishek
39	YADAV GYANENDRA ABHILASH	Gyanendra
40	YADAV ROHIT LALLAN	Rohit
41	YADAV VIKAS RAMAKANT	Vikas



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

SHREE L.R. TIWARI COLLEGE OF ENGINEERING

DEPARTMENT OF MECHANICAL ENGINEERING

Seminar on "Air Pollution and control"

Date: 18/08/19 Time: 9am to 5pm hrs: 8h

SR NO	NAME OF THE STUDENT	SIGNATURE
1	ACHARYA OJAS SWETANK	
2	ACHARYA SAHIL UMESH	
3	AMONKAR ANIKET SUHAS	
4	ANSARI HARIS ASGAR ALI	
5	ATHANIA ANAS ZAFAR	
6	CHAUHAN NILESH BALVANT	
7	CHHEDA URVESH YOGESH	Absent
8	DOSHI ANUJ NILESH	Anuj
9	DUBEY RISHABH DWARKA	Rishabh
10	FERNANDES BREZHNEV BENHUR	Brezhnev
11	FUMAKIYA HARDIK DEEPAKBHAI	Hardik
12	GUPTA NEHAL MADHAVLAL	Absent
13	GUPTA VISHAL BANARASI	
14	JAIN DHAVAL CHETAN	Jain
15	JOIL RAVIRAJ ANANT	Joil
16	KASHID SACHIN SHAHAJI	Sachin
17	KAZI BILAL ZUBER	Bilal
18	KHAN AHAD AZEEM	Ahad
19	KHAN MOHD.TARIQUE M.	Tarique
20	KHAN MUNAWAR MUZAFFAR ALI	Absent
21	KHAN WALEED SAJID	Absent
22	KUMAR SHASHANK SHEKHAR A.	Shashank
23	MISHRA ASHISH RAMCHANDRA	Ashish
24	NAIR BHAVESH VIKRAM	Bhavesh
25	NIKAM ABHISHEK D.	Nikam
26	NOTHE PRABHJYOT SINGH J.	Prabhjyot
27	PANDEY SOURABH AVDHESH	Sourabh
28	PANDHE SANDESH PRADEEP	Absent
29	PARAB YASHIKA GAJANAN	Absent
30	PARMAR PAVAN JAGDISH	Pavans
31	PATEL DINESH VEERARAM	Absent
32	PATEL YASH LALIT	Patel
33	SINGH ROHIT DINESH	Ashish
34	THORAT KIRAN SAINATH	Kiran
35	UPADHYAY SATYAM K.	Absent
36	VADHANI BHAVYA BHAVIN	Bhavya
37	VEDPATHAK KUNAL PREMANAND	Kunal
38	YADAV ABHISHEK VIRENDRA	Yadav
39	YADAV GYANENDRA ABHILASH	Yadav
40	YADAV ROHIT LALLAN	Yadav
41	YADAV VIKAS RAMAKANT	Vikas



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

SHREE L.R. TIWARI COLLEGE OF ENGINEERING

DEPARTMENT OF MECHANICAL ENGINEERING

Seminar on "Air Pollution and control"

Date: 09/09/19 Time: 9 to 3 hrs: 6 hrs

SR NO	NAME OF THE STUDENT	SIGNATURE
1	ACHARYA OJAS SWETANK	Acharya
2	ACHARYA SAHIL UMESH	Absent
3	AMONKAR ANIKET SUHAS	Aniket
4	ANSARI HARIS ASGAR ALI	Haris
5	ATHANIA ANAS ZAFAR	Anas
6	CHAUHAN NILESH BALVANT	Absent
7	CHHEDA URVESH YOGESH	Urvesh
8	DOSHI ANUJ NILESH	Anuj
9	DUBEY RISHABH DWARKA	Rishabh
10	FERNANDES BREZHNEV BENHUR	Breznhev
11	FUMAKIYA HARDIK DEEPAKBHAI	Hardik
12	GUPTA NEHAL MADHAVLAL	Absent
13	GUPTA VISHAL BANARASI	Vishal
14	JAIN DHAVAL CHETAN	Jain
15	JOIL RAVIRAJ ANANT	Joil R
16	KASHID SACHIN SHAHAJI	Sachin
17	KAZI BILAL ZUBER	Bilal
18	KHAN AHAD AZEEM	Ahad
19	KHAN MOHD.TARIQUE M.	Absent
20	KHAN MUNAWAR MUZAFFAR ALI	Munawar
21	KHAN WALEED SAJID	Waleed
22	KUMAR SHASHANK SHEKHAR A.	Shashank
23	MISHRA ASHISH RAMCHANDRA	Ashish
24	NAIR BHAVESH VIKRAM	Bhavesh
25	NIKAM ABHISHEK D.	Absent
26	NOTHE PRABHJYOT SINGH J.	Prabhjyot
27	PANDEY SOURABH AVDHESH	Sourabh
28	PANDHE SANDESH PRADEEP	Sandesh
29	PARAB YASHIKA GAJANAN	Yashika
30	PARMAR PAVAN JAGDISH	Absent
31	PATEL DINESH VEERARAM	Dinesh
32	PATEL YASH LALIT	Yash
33	SINGH ROHIT DINESH	Rohit
34	THORAT KIRAN SAINATH	Absent
35	UPADHYAY SATYAM K.	Satyam
36	VADHANI BHAVYA BHAVIN	Bhavya
37	VEDPATHAK KUNAL PREMANAND	Absent
38	YADAV ABHISHEK VIRENDRA	Absent
39	YADAV GYANENDRA ABHILASH	Absent
40	YADAV ROHIT LALLAN	Rohit
41	YADAV VIKAS RAMAKANTH	Vikas



Principal's signature and name



# 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 / MECH / 2018-19 / V3

Date : 28/09/2018

To,  
Dr. S.S. Bhusnoor  
Professor  
K.J. Somaiya college of Engineering, Vidyavihar  
Mumbai- 400077

Dear Sir,

On behalf of SLRTCE, it gives us an immense pleasure in conveying our heartfelt appreciation to you for the valuable contribution and support extended towards " Air Pollution and Control" for academic year 2018-2019 which is being conducted in the Department of mechanical engineering of Shree L. R. Tiwari college of engineering.

We appreciate you for sparing your valuable time and putting efforts for making the sessions interactive and lively.

We appreciate your gesture and hope to receive the same response and support from you in future.


Thanking You,

*Received*

*W3*



Yours faithfully,

  
Dr. S. Ram Reddy  
Principal

**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)

## Department of Mechanical Engineering

### Report on Seminar on Air Pollution and Control

**Date:** 2nd July 2018

**Speaker:** Dr. S.S. Bhusnoor, Professor in the Department of Mechanical Engineering

Dr. S.S. Bhusnoor, an esteemed academician and researcher in the Department of Mechanical Engineering, brought a wealth of knowledge and experience in the domain of air pollution and its mitigation. With extensive research publications and practical expertise, Dr. Bhusnoor was an ideal speaker to address the concerning issue of air quality.

On the 2nd of July 2018, the Mechanical Engineering Department of SLRTCE organized a seminar on "Air Pollution and Control," featuring Dr. S.S. Bhusnoor, a distinguished professor in the field. The seminar aimed to educate students about the critical issue of air pollution and explore potential control measures.

#### **Seminar Highlights:**

Dr. Bhusnoor's presentation commenced with an insightful overview of the various sources and contributors to air pollution. He elucidated the detrimental effects of pollutants on human health, ecosystems, and the environment at large, emphasizing the urgency of addressing this global challenge.

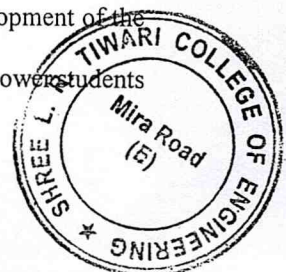
The seminar delved into the types of air pollutants, including particulate matter, nitrogen oxides, sulfur dioxide, volatile organic compounds, and their sources such as vehicular emissions, industrial processes, and agricultural activities.

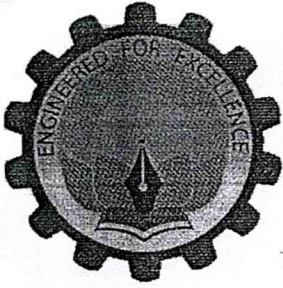
#### **Key Points Covered:**

**Causes and Sources of Air Pollution:** Dr. Bhusnoor provided a comprehensive understanding of the primary sources of air pollutants, shedding light on their origins and impact on air quality indices.

VISION: To be a world-class institute and a front runner in the educational and socio-economic development of the nation by providing high-quality technical education to students from all sections of society.  
MISSION: To provide superior learning experiences in a caring and conducive environment so as to empower students to be successful in life and contribute positively to society.

  
**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)

**Health and Environmental Impacts:** The speaker highlighted the adverse effects of polluted air on human health, linking respiratory illnesses, cardiovascular diseases, and other health complications to prolonged exposure to pollutants. Additionally, the environmental consequences, including acid rain, global warming, and ecosystem degradation, were discussed.

**Control Measures and Technologies:** The seminar extensively covered various control strategies and technologies available to mitigate air pollution. Dr. Bhusnoor elucidated the effectiveness of emission control devices, cleaner production techniques, renewable energy adoption, and policy interventions in combating air pollution.

### Interactive Session:

Following the presentation, an interactive session allowed students to engage with Dr. Bhusnoor, posing questions and seeking clarification on intricate aspects of air pollution control. The exchange of ideas and insights fostered a deeper understanding among the attendees.

### Conclusion:

The seminar on "Air Pollution and Control" by Dr. S.S. Bhusnoor served as an enlightening and educational session for the students of the Mechanical Engineering Department at SLRTCE. It heightened awareness about the gravity of air pollution and equipped students with valuable knowledge and potential solutions to address this pressing global issue.

The event concluded with a note of gratitude to Dr. Bhusnoor for sharing his expertise and an encouragement for students to apply the insights gained towards contributing to a cleaner and healthier environment.

Prepared by

Dr. Yogita Umesh Yerne

**VISION:** To be a world-class institute and a front runner in the educational and socio-economic development of the nation by providing high-quality technical education to students from all sections of society.

**MISSION:** To provide superior learning experiences in a caring and conducive environment so as to empower students to be successful in life and contribute positively to society.

PRINCIPAL

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



## About SLRTCE

Shree L. R. Tiwari College of Engineering (ISO certified, NAAC accredited), established in the year 2010, was the first engineering college in Mira-Bhayandar, and since then has provided a sound platform, equipping students to stand on their own feet, visualize, grow and build a bright future in the ever-growing industry. The college offers 6 full-time UG courses leading to the degree of Bachelor of Engineering (B.E.) from the University of Mumbai and also offers Master of Engineering (M.E.) in Computer Engineering and Electronics & Telecommunication. All courses are approved by the All India Council for Technical Education (AICTE), New Delhi & Directorate of Technical Education (DTE), Maharashtra State.

## About the Bridge Course

It is a systematic process used to evaluate the potential environmental effects of proposed projects, policies, or activities before they are carried out. The primary goal of an Environmental Impact Assessment (EIA) is to identify, predict, and mitigate potential adverse impacts on the environment and human health, while also considering socio-economic aspects.

According to this perspective, EIA is organized by Department of Civil Engineering of Shree L R Tiwari college of engineering (SLRTCE) to give practical knowledge exposure to civil engineering.

## Details of Participants

Students of second year and third year from Shree. L. R. Tiwari College of Engineering

## Bridge Course Objectives

The student shall be able

- To use of EIA for various projects.
- To monitor and mitigation of Impacts.
- To perform EIA for various projects.

- To perform Environmental Auditing process
- To learn laws related to EIA and audit in India.

## Bridge Course Outcomes

The student shall be able to

- Prepare portions of environmental documents through administrative and legal requirements and standards of professional practice.
- Participate in interdisciplinary environmental report preparation.

## Regards

**Dr. S. Ram Reddy**  
Principal  
SLRTCE

**Mr. Pravin Jangid**  
Audit Course Coordinator  
Assistant Professor  
SLRTCE  
[pravin.jangid@slrtce.in](mailto:pravin.jangid@slrtce.in)

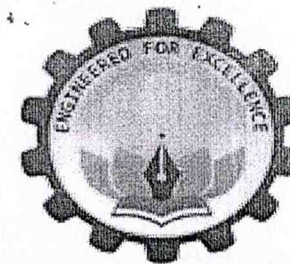
## Details of Speaker

**Mr. Rajan Diwadkar,**  
Senior Manager,  
Common Effluent Treatment Plant,  
Kopar khairane

## Contact Person

**Mr. Pushkar Bharambe**  
Departmental  
Course Coordinator  
Assistant Professor  
CE, SLRTCE  
[pushkar.bharambe@slrtce.in](mailto:pushkar.bharambe@slrtce.in)

**Ms. Neha Badiger**  
HOD, CE  
SLRTCE  
E-mail Id:  
[neha.badiger@slrtce.in](mailto:neha.badiger@slrtce.in)



**SHREE L.R. TIWARI**  
College of Engineering

It gives us immense pleasure  
to announce that

**Shree Rahul Education Society's**  
(Regd.) s

**SHREE L. R. TIWARI**  
**COLLEGE OF ENGINEERING**  
(SLRTCE)

**Department of Civil Engineering**  
**SLRTCE**  
**Organized**

**Value added Course**  
**On**

**Environmental Impact**  
**Assessment**

**20<sup>th</sup> January to 31<sup>st</sup> March 2019**

Kanakia Park, Mira Road (East),  
Thane - 401107, Maharashtra, India  
(Approved by AICTE & DTE, Maharashtra State  
Affiliated to University of Mumbai)  
DTE Code No. 3423  
Minority Status (Hindi Linguistic)  
Tel. No: 022-28120144/022-28120145 |  
Email: [slrtce@rahuleducation.com](mailto:slrtce@rahuleducation.com) |  
Website: [www.slrtce.in](http://www.slrtce.in)

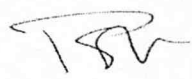




Shree Rahul Education Society's (Regd.)  
**SHREE L. R. TIWARI COLLEGE OF ENGINEERING**  
 Kanakia Park, Near Commissioner's Bungalow, Mira Road (East), Thane 401107, Maharashtra  
 (Approved by AICTE, Govt. of Maharashtra & Affiliated to University of Mumbai)  
 Tel. No.: 022-65295732 / 022-65142376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

**Department of Civil Engineering**  
**Academic Year 2018 - 2019**

**Report for Value added Course on "Environmental Impact Assessment"**

<b>Title</b>	Environmental Impact Assessment
<b>Date</b>	20 <sup>th</sup> January to 31 <sup>st</sup> March 2019
<b>Number of participants</b>	38
<b>Objectives</b>	The student shall be able 1. To use of EIA for various projects. 2. To monitor and mitigation of Impacts. 3. To perform EIA for various projects. 4. To perform Environmental Auditing process. 5. To learn laws related to EIA and auditing in India.
<b>Takeaways from the Session</b>	The value-added course on "Environmental Impact Assessment" was conducted by the Department of Civil Engineering, SLRTCE. The course helps to understand how to identify, predict, and mitigate potential adverse impacts on the environment and human health, while also considering socio-economic aspects.
<b>Outcomes</b>	<b>Students will be able to</b> 1. Prepare portions of environmental documents through administrative and legal requirements and standards of professional practice. 2. Participate in interdisciplinary environmental report preparation.
<b>Signature</b>	



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



# SHREE L. R. TIWARI COLLEGE OF ENGINEERING

Kanakiya Park, Near Consultant'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: slrce@ratuleducation.com | Website: www.slrce.edu

CIVIL ENGINEERING  
Theory Attendance Sheet

Academic Year: 2018 - 2019

Subject: **EIA**

Name of Faculty: **EIA**

Semester: **IV**

Branch: Civil

Month: \_\_\_\_\_

Roll No.	Name of the Student	PMR	Date																Total	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	marks	out
1	BALANKAR SHRUTIKA SANJAY		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
2	CHAVAN YASH VIKAS		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
3	DALVI DARSHAN DEVANAND		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
4	DUBEY ABHISHEK ANAND		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
5	GOHEL JEEMITKUMAR YOGESH		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
6	GUPTA MANGESH MAHESH PRASAD		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
7	GUPTA RAJ BAHADUR RAMKER		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
8	GUPTA TEJBAHADUR RADHESHYAM		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
9	JADHAV GAURI ARUN		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
10	JAITAPKAR AMEY DEEPAK		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
11	JHA MADHAV DILIP		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
12	KILANIYA SOHAIL SAMSUDDIN		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
13	MADKE RONAK BHAUSAHEB		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
14	MANE CHAITANYA DILIP		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
15	MISHRA RAJAN AKHILESH		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
16	MISHRA ROHIT RAJESH		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
17	MISHRA SHIVAM SHYAMNARAYAN		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
18	MORE ATUL SHIVAJI		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
19	MORI MITESH VINOD		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
20	NAKHWA ISMAIL IBRAHIM		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
21	PADAWALKAR OMKAR SUJIT		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
22	PAL SACHIN RAMKRUPAL		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
23	PANCHAL KIRIT AJAY		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
24	PANCHAL SAGAR NARESHKUMAR		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
25	PANDEY ABHISHEK RAMESHKUMAR		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
26	PANDEY SATYAM NARAYAN		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
27	PANDIT SURAJ SANTAJI		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
28	PARAKHIYA VRAJESH VINOD		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
29	PATHAK SHUBHAM PRAMOD		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
30	PATIL NALINEE SANJAY		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
31	PAWAR HARSHAD VITTHAL		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
32	QURESHI MOHAMMED KHALID ABDURREHMAN		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
33	RAJPUROHIT BHARAT BADRISINGH		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
34	SAMANT PARAG MILIND		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
35	SHAH DHAVAL MUKESH		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
36	SHAH KARAN BHAVESH		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
37	SHAIKH SAMEER YAKUB		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
38	SHEIKH MUHAMMAD FAIZAN ALI FEM		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			



*[Handwritten Signature]*

**PRINCIPAL**

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