



# SHREE L. R. TIWARI COLLEGE OF ENGINEERING

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

## Criteria 2- Teaching- Learning and Evaluation

### **Key Indicator- 2.3. Teaching- Learning Process**

#### ICT supportive learning

E-learning resources:

Google classroom, Virtual Lab, Online tests, Use of NDLI portal, AICTE PARAKH

Dr. Deven Shah

Principal

Principal

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







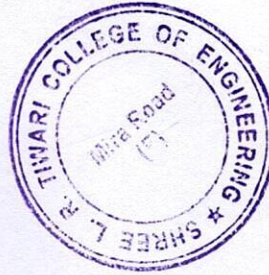
Shree Rahul Education Society's (Regd.)  
**SHREE L. R. TIWARI COLLEGE OF ENGINEERING**  
Kanakia Park, Near Commissioner's Bungalow, Mira Road (East), Thane 401107, Maharashtra  
(Approved by AICTE, Govt. of Maharashtra & Affiliated to University of Mumbai)  
NAAC Accredited | ISO 9001:2015 Certified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

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**AY 2021-22**

**Summary of Faculty using ICT tools**

Sr. No.	Faculty Name	Name Of Activity	Method/ Approach used	Academic year	Subject
1	Mrs. Aarti Puthran	Quiz	Google form	21-22	AT
2	Mrs. Madhuri Gedam	Quiz	Kahoot	21-22	DevOps
3	Mr.Saurabh Suman	Assignment	Google form	2021-22	UNIX
4	Mrs. Komal Champanerkar	Quiz	Google form	2021-22	DSA



**PRINCIPAL**

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



# Automata Theory Quiz 1

\* Required

1. Email \*

2. Roll No \*

3. Name of Student \*

Solve All Questions

4. There are \_\_\_\_\_ tuples in finite state machine. \*

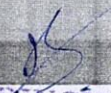
1 point

Mark only one oval.

- 4
- 5
- 6
- unlimited

1/10/2023



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



# Automata Theory Quiz 1

\* Required

1. Email \*

2. Roll No \*

3. Name of Student \*

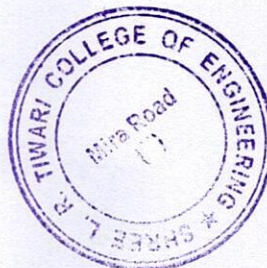
Solve All Questions

4. There are \_\_\_\_\_ tuples in finite state machine. \*

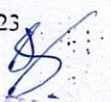
1 point

Mark only one oval.

- 4
- 5
- 6
- unlimited



1/10/2023

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



5. A TM is expressed as a 7-tuple  $(Q, T, B, \Sigma, \delta, q_0, F)$  where:  $\delta$  is \*

1 point

Mark only one oval.

- (a)  $Q \times T \rightarrow Q \times T \times \{L, R\}$
- (b)  $Q \times (\Sigma \cup \{\epsilon\}) \times S \times Q \times S^*$
- (c)  $Q \times T \rightarrow Q \times T \times \{R\}$
- (d)  $Q \rightarrow T \times \{L, R\}$

6. Finite State Machine can recognize \*

1 point

Mark only one oval.


- (a) Context Free Language
- (b) Regular Language
- (c) Context Sensitive Language
- (d) Recursive Enumerable Language

7. For a given Moore Machine, Given Input='101010', thus the output would \* 1 point  
be of length:

Mark only one oval.

- (a)  $\|Input\|+1$
- (b)  $\|Input\|$
- (c)  $\|Input-1\|$
- (d)  $2\|Input\|$



  
PRINCIPAL  
Shree L. R. Tiwari College of Engineering  
Kanak, 10/2023, Mira Road (E).



8. Which machine is much more accurate model of a General Purpose machines

\* 1 point

Mark only one oval.

- (a) Pushdown Automata  
 (b) Finite Automata  
 (c) Non Deterministic automata  
 (d) Turing machine

9. Turing Machine can update symbols on its tape, whereas the FA cannot update symbols on tape.

\* 1 point

Mark only one oval.

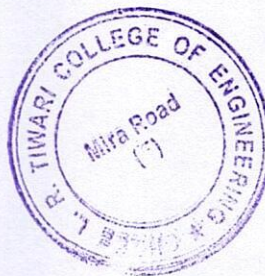
- True  
 False


10. Which of the following problems is solvable? \*

1 point

Mark only one oval.

- (a) Writing a universal Turing machine  
 (b) Determining of an arbitrary Turing machine is an universal Turing machine  
 (c) Determining of a universal Turing machine can be written for fewer than k instructions for some k  
 (d) Determining of a universal Turing machine and some input will halt



  
PRINCIPAL  
Shree L. R. Tiwari College of Engineering  
Kanani/10/2023, Mira Road (E).



11. For given production rules,  $A \rightarrow aA \mid a \mid b$  How many steps are required to form aab? \* 1 point

Mark only one oval.

- 2
- 3
- 4
- 5

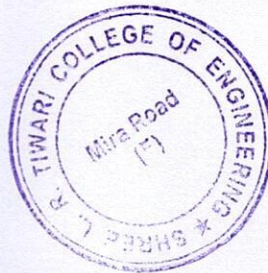
12. Which machine is used to accept Context Free Language? \* 1 point

Mark only one oval.

- (a) Deterministic Finite Automata (DFA)
- (b) Non Deterministic Finite Automata (NFA)
- (c) Finite State Machine (FSM)
- (d) Push Down Automata (PDA)

This content is neither created nor endorsed by Google.

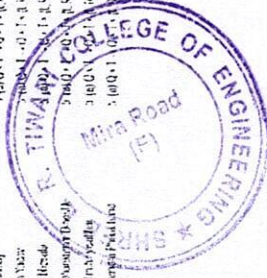
Google Forms



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



Sl. No.	Code	Subject	Section	Unit	Weightage
1	442221	Mathematics - I	1	1.1	10%
2	442222	Mathematics - I	1	1.2	10%
3	442223	Mathematics - I	1	1.3	10%
4	442224	Mathematics - I	1	1.4	10%
5	442225	Mathematics - I	1	1.5	10%
6	442226	Mathematics - I	1	1.6	10%
7	442227	Mathematics - I	1	1.7	10%
8	442228	Mathematics - I	1	1.8	10%
9	442229	Mathematics - I	1	1.9	10%
10	442230	Mathematics - I	1	1.10	10%
11	442231	Mathematics - I	1	1.11	10%
12	442232	Mathematics - I	1	1.12	10%
13	442233	Mathematics - I	1	1.13	10%
14	442234	Mathematics - I	1	1.14	10%
15	442235	Mathematics - I	1	1.15	10%
16	442236	Mathematics - I	1	1.16	10%
17	442237	Mathematics - I	1	1.17	10%
18	442238	Mathematics - I	1	1.18	10%
19	442239	Mathematics - I	1	1.19	10%
20	442240	Mathematics - I	1	1.20	10%
21	442241	Mathematics - I	1	1.21	10%
22	442242	Mathematics - I	1	1.22	10%
23	442243	Mathematics - I	1	1.23	10%
24	442244	Mathematics - I	1	1.24	10%
25	442245	Mathematics - I	1	1.25	10%
26	442246	Mathematics - I	1	1.26	10%
27	442247	Mathematics - I	1	1.27	10%
28	442248	Mathematics - I	1	1.28	10%
29	442249	Mathematics - I	1	1.29	10%
30	442250	Mathematics - I	1	1.30	10%
31	442251	Mathematics - I	1	1.31	10%
32	442252	Mathematics - I	1	1.32	10%
33	442253	Mathematics - I	1	1.33	10%
34	442254	Mathematics - I	1	1.34	10%
35	442255	Mathematics - I	1	1.35	10%
36	442256	Mathematics - I	1	1.36	10%
37	442257	Mathematics - I	1	1.37	10%
38	442258	Mathematics - I	1	1.38	10%
39	442259	Mathematics - I	1	1.39	10%
40	442260	Mathematics - I	1	1.40	10%
41	442261	Mathematics - I	1	1.41	10%
42	442262	Mathematics - I	1	1.42	10%
43	442263	Mathematics - I	1	1.43	10%
44	442264	Mathematics - I	1	1.44	10%
45	442265	Mathematics - I	1	1.45	10%
46	442266	Mathematics - I	1	1.46	10%
47	442267	Mathematics - I	1	1.47	10%
48	442268	Mathematics - I	1	1.48	10%
49	442269	Mathematics - I	1	1.49	10%
50	442270	Mathematics - I	1	1.50	10%
51	442271	Mathematics - I	1	1.51	10%
52	442272	Mathematics - I	1	1.52	10%
53	442273	Mathematics - I	1	1.53	10%
54	442274	Mathematics - I	1	1.54	10%
55	442275	Mathematics - I	1	1.55	10%
56	442276	Mathematics - I	1	1.56	10%
57	442277	Mathematics - I	1	1.57	10%
58	442278	Mathematics - I	1	1.58	10%
59	442279	Mathematics - I	1	1.59	10%
60	442280	Mathematics - I	1	1.60	10%
61	442281	Mathematics - I	1	1.61	10%
62	442282	Mathematics - I	1	1.62	10%
63	442283	Mathematics - I	1	1.63	10%
64	442284	Mathematics - I	1	1.64	10%
65	442285	Mathematics - I	1	1.65	10%
66	442286	Mathematics - I	1	1.66	10%
67	442287	Mathematics - I	1	1.67	10%
68	442288	Mathematics - I	1	1.68	10%
69	442289	Mathematics - I	1	1.69	10%
70	442290	Mathematics - I	1	1.70	10%
71	442291	Mathematics - I	1	1.71	10%
72	442292	Mathematics - I	1	1.72	10%
73	442293	Mathematics - I	1	1.73	10%
74	442294	Mathematics - I	1	1.74	10%
75	442295	Mathematics - I	1	1.75	10%
76	442296	Mathematics - I	1	1.76	10%
77	442297	Mathematics - I	1	1.77	10%
78	442298	Mathematics - I	1	1.78	10%
79	442299	Mathematics - I	1	1.79	10%
80	442300	Mathematics - I	1	1.80	10%
81	442301	Mathematics - I	1	1.81	10%
82	442302	Mathematics - I	1	1.82	10%
83	442303	Mathematics - I	1	1.83	10%
84	442304	Mathematics - I	1	1.84	10%
85	442305	Mathematics - I	1	1.85	10%
86	442306	Mathematics - I	1	1.86	10%
87	442307	Mathematics - I	1	1.87	10%
88	442308	Mathematics - I	1	1.88	10%
89	442309	Mathematics - I	1	1.89	10%
90	442310	Mathematics - I	1	1.90	10%
91	442311	Mathematics - I	1	1.91	10%
92	442312	Mathematics - I	1	1.92	10%
93	442313	Mathematics - I	1	1.93	10%
94	442314	Mathematics - I	1	1.94	10%
95	442315	Mathematics - I	1	1.95	10%
96	442316	Mathematics - I	1	1.96	10%
97	442317	Mathematics - I	1	1.97	10%
98	442318	Mathematics - I	1	1.98	10%
99	442319	Mathematics - I	1	1.99	10%
100	442320	Mathematics - I	1	2.00	10%



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



Empower knowledge sharing with Kahoot! Max, now only \$19.99/month. Save over 20% [Buy now](#)

**Kahoot!** Home Discover Library Reports Groups Marketplace Upgrade Create

## Report

### DevOps 2-4-21

Report options: Live, Jul 18, 2022, 10:09 PM, Hosted by madhuri.gedam

Summary Players (15) Questions (4) Feedback

**Well played!**

76% correct

Play again and let the same group improve their score or see if new players can beat this result.

[Play again](#)

Players: 15

Questions: 4

Time: 4 min

[View podium](#)

[Share podium](#)

Top tip: Boost player engagement by sharing the podium.

Difficult questions (0) Need help (0) Didn't finish (0)

Great job! No one found any questions too challenging. No one seems to need help. Great! Everyone finished.

33°C Smoke Search 12:33 12-05-2023

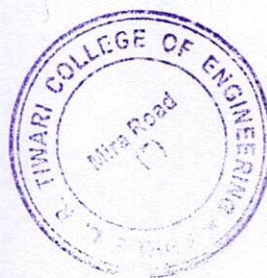
Empower knowledge sharing with Kahoot! Max, now only \$19.99/month. Save over 20% [Buy now](#)

**Kahoot!** Home Discover Library Reports Groups Marketplace Upgrade Create

Nickname	Rank	Correct answers	Unanswered	Final score
omkar	1	100%	—	5.659
dharmaendra	2	100%	—	5.630
Perman	3	100%	—	5.415
soumya	4	75%	—	4.470
Khan	5	75%	—	3.844
Jhaji	6	75%	—	3.826
Dhaval	7	75%	—	3.810
Hrithik	8	75%	—	3.716
Ashish	9	75%	—	3.164
Sakshi	10	75%	—	3.655

Show more

33°C Smoke Search 12:34 12-05-2023



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



Empower knowledge sharing with Kahoot!+ Max, now only \$19.99/month. Save over 20% [Buy now](#)

Kahoot! Home Discover Library Reports Groups Marketplace Upgrade Create

Nickname	Rank	Correct answers	Unanswered	Final score
omkar	1	100%	—	5.659
dharmendra	2	100%	—	5.639
Perman	3	100%	—	5.415
soumya	4	75%	—	4.470
Khan	5	75%	—	1.844
Jhaji	6	75%	—	3.826
Dhaval	7	75%	—	3.819
Hrithik	8	75%	—	3.716
Ashish	9	75%	—	3.664
Sakshi	10	75%	—	3.655

[Show more](#)

Empower knowledge sharing with Kahoot!+ Max, now only \$19.99/month. Save over 20% [Buy now](#)

Kahoot! Home Discover Library Reports Groups Marketplace Upgrade Create

## DevOps 2-4-21

Jul 18, 2022, 10:09 PM  
Hosted by madhuri.gedam

Summary Players (15) Questions (4) Feedback

Expanded view Compact view

All (4)

Question	Type	Correct/incorrect
1 DevOps is a:	Quiz	47%
2 What is DevOps?	Quiz	67%
3 Is Git-Hub used in DevOps	True or false	100%
4 DevOps means...	Quiz	93%



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



8/20/22, 11:56 AM



Gmail

99+

Mail

to me

Chat

Spaces

Meet

Beautifully played! View and share a detailed report

Q kahoot

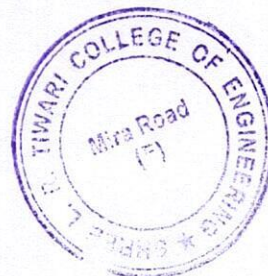
# Beautifully played, madhuri\_gedam! View and share a detailed report

We hope you had fun playing. "[DevOps 2-4-21](#)"! Check out your detailed, visual report that will support formative assessment and help you improve student learning outcomes:



PRINCIPAL

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



...at/kahoot/FMcaZGpGwrFHxGCSdBnqGMdJmNjkdJ



**Note:** Some reports have moved to your team's shared workspace. [Learn more](#)

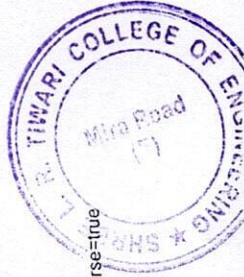
Dismiss

Trash

Search

All (43) Live games (43)

<input type="checkbox"/> Name	Date	Game mode	No. of f
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Software Engineering QuizLec02Mod01	July 19, 2022 at 2:10 PM	Live	58
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Finished			
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> DevOps 2-4-21	July 19, 2022 at 10:39 AM	Live	15
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Finished			
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> DevOps 2-4-21	July 19, 2022 at 10:31 AM	Live	14
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Ethical hacking quiz2	February 3, 2022 at 6:51 PM	Live	14
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Finished			
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> SEPM_QUIZ_COCOMO_26th Feb	September 2, 2021 at 11:19 AM	Live	39
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Finished			
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> workshop on UML 29/05/21	July 29, 2021 at 11:52 AM	Live	54
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Finished			
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> workshop on UML 29/05/21	May 29, 2021 at 2:40 PM	Live	33
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Finished			
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> summer vacation quiz			



PRINCIPAL

Shree L. P. Tiwari College of Engineering  
<https://create.kahoot.it/users/reports?searchMode=host&globalFilter=allReports&orderBy=time&reverse=true>  
 Kanakya Park, Mira Road (E).



**Finished**  
 summer vacation quiz  
 **Finished**

April 28, 2021 at 3:59 PM  
 Live

5

Summer\_Vacation\_Quiz1\_HTML  
 **Finished**

April 22, 2021 at 4:27 PM  
 Live

6

Webinar Quiz on Software Architecture  
 **Finished**

April 20, 2021 at 12:51 PM  
 Live

39

SEPM Quiz-14th April 2021  
 **Finished**

April 14, 2021 at 11:24 AM  
 Live

30

DevOps 2-4-21

April 2, 2021 at 12:47 PM  
 Live

22

Quiz on SCM-31st April 2021  
 **Finished**

March 31, 2021 at 11:45 AM  
 Live

33

DevOps Zenkin  
 **Finished**

March 26, 2021 at 1:29 PM  
 Live

27

Software Testing  
 **Finished**

March 25, 2021 at 11:40 AM  
 Live

40

SEPM\_Quiz on DFD  
 **Finished**

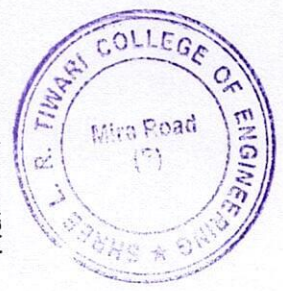
March 12, 2021 at 10:23 AM  
 Live

31

SEPM\_Quiz on Coupling and cohesion\_10th march2021  
 **Finished**

March 10, 2021 at 12:14 PM  
 Live

40



PRINCIPAL  
 R. Tiwari College of Engineering  
 Kanakya Pokh, Mira Road (W)



Name ^ Date ^ Game mode No. of t

Finished			
Function point 1	March 4, 2021 at 10:58 AM	Live	34
Finished			
DevOps Quiz_Docker	February 27, 2021 at 12:38 PM	Live	38
Finished			

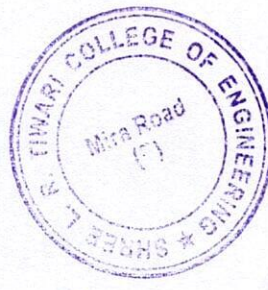
SEPM_QUIZ_COCOMO_26th Feb	February 26, 2021 at 10:19 AM	Live	39
Finished			
SEPM_QUIZ5-24th Feb	February 25, 2021 at 10:31 AM	Live	38
Finished			
SEPM_QUIZ5-24th Feb	February 24, 2021 at 11:12 AM	Live	42
Finished			
SDL_quiz2	February 23, 2021 at 12:52 PM	Live	38
Finished			
SDL_Lab_Quiz1	February 16, 2021 at 12:28 PM	Live	44
Finished			
DevOps_lab	February 12, 2021 at 1:33 PM	Live	36
Finished			
IP_Quiz	September 30, 2020 at 11:38 AM	Live	40
.....			




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



Name	Date	Game mode	No. of 1
<input type="checkbox"/> IP_Quiz Finished	September 30, 2020 at 11:38 AM		40
<input type="checkbox"/> IPL_quiz Finished	September 21, 2020 at 1:28 PM		39
<input type="checkbox"/> IS_Quiz7 Finished	September 21, 2020 at 11:12 AM		17
<input type="checkbox"/> IPL_Quiz Finished	September 14, 2020 at 1:28 PM		40
<input type="checkbox"/> IP_Quiz_10 Finished	September 4, 2020 at 9:46 AM		38
<input type="checkbox"/> IS_QUIZ4 Finished	September 3, 2020 at 11:11 AM	Live	28
<input type="checkbox"/> TEIT_IP_Quiz8 Finished	August 26, 2020 at 9:42 AM	Live	42
<input type="checkbox"/> TNP_DBMS_Lect03 Finished	August 21, 2020 at 10:59 AM	Live	32
<input type="checkbox"/> IP_QUIZ_07 Finished	August 19, 2020 at 12:17 PM	Live	77



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



# Unix Assignment 1

\* Indicates required question

1. Email \*

---

2. Name \*

---

3. Roll No \*

---

4. Branch \*


*Mark only one oval.*

IT

5. Sem-IV \*

---



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



6. Which of the following correctly describes Array data types in Perl?

1 point

Mark only one oval.

- These are simple variables. They are preceded by a dollar sign (\$).
- These are ordered lists of scalars that you access with a numeric index which starts with 0.
- These are unordered sets of key/value pairs that you access using the keys as subscripts.
- None of the above.

7. Which of the following method shifts the first value of the array off and returns it, shortening the array by 1 and moving everything down?

1 point

Mark only one oval.

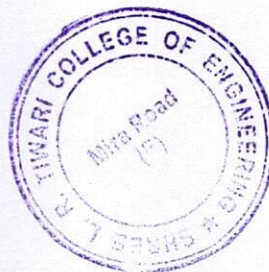
- push @ARRAY, LIST
- pop @ARRAY
- shift @ARRAY
- unshift @ARRAY, LIST


8. Which of the following statement terminates the loop statement and transfers execution to the start of the loop?

1 point

Mark only one oval.

- next
- last
- continue
- redo



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



9. Which of the following function returns current position of a pointer in a file? 1 point

Mark only one oval.

- rename
- tell
- seek
- None of the above.

10. Which of the following is correct about lexical variables? 1 point

Mark only one oval.


- Lexical variables are private variables created using my operator.
- Lexical variables are global variables.
- Both of the above.
- None of the above.

11. Which one of the following is the correct syntax for grep command? 1 point

Mark only one oval.

- grep options filename(s)
- grep options pattern
- grep pattern filename
- grep options pattern filename(s)



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



12. When the pattern is not found in a file, grep command silently returns the prompt. 1 point

Mark only one oval.

- True  
 False

13. Which of the following commands is known as stream editor? 1 point

Mark only one oval.

- sed  
 grep  
 grep  
 tr

14. To suppress the behavior of 'p' command of sed, we use \_\_\_\_ option. 1 point

Mark only one oval.

- q  
 -n  
 -i  
 -v


15. Describe egrep command. \*

\_\_\_\_\_



1 point

This content is neither created nor endorsed by Google.

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



# Google Forms




*[Handwritten Signature]*

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





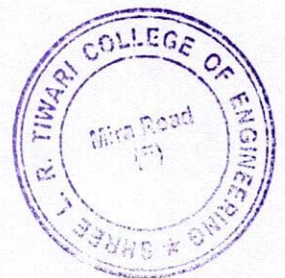
  
**PRINCIPAL**  
Shree L. R. Tiwari College of Engineering  
Kanakiya Park, Mira Road (E).



# Unix Assignment 1

57 responses

Publish analytics



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



Name

57 responses

Omkar Ajit Ghogale

Jay Kawa

SINGH RITESH ANIL

ramesh vishwakarma

MEEHIR CHOUDHARY

JHA TANMAY JITENDRA

Aditya Prakash Waskar

Dhaval Joshi

Yadav Ramashish Mohan

SATYAM SINGH

KHAN ANAS ANJUM

Aishwarya Shrivastava

Yadav Ramesh Bhorik

Satyendra Jaiswar

SWRANGI SAWANT

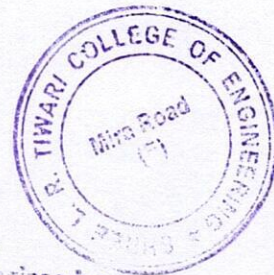
Prajapati Pradeep DineshKumar

ROHANREDDI GIRISHREDDI JALAREDDI

SOUMYA GUPTA

Chaubey Kaustubh Akhilesh

Vishal Dalsingar Vishwakarma



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



Tripti sanjeev tiwari

UPADHYAY HIMANSHU PRADUMN

Sakshi Vasant Kalambe

harsh gohalyan

Siddique Naufil Ahmed

Singh Ayush Sandeep

SHAH VIDHI ALPESH

Ashish Kanojia

RAI RANI TRIVENI

Manish M. Madeshia

Ismail Emad Sakerde

rathod mihir visabhai

Khan Mohammed Umer Riyaz

Satya Prakash Mishra

Dharmendra Phoolchand Mallah

Singh Vishal Anil

SINGH RISHABH PRADEEP


Kunal Rajesh Salunke

Tiwari Anuj Vipin

dipanshu

PRAJAPATI PRADEEP RAJESH

Neetu pal

  
**PRINCIPAL**  
Shree L. R. Tiwari College of Engineering  
Kanalgad Road, Kanalgad (S).





Aditya Vinodkumar Mishra

Aman Manish Rastogi

Yadav Nishant Rajendra

Rohankumar Dineshkumar Pal

Rohit balasaheb Ghongade

Utkarsh Mishra

Shah Sapan

GHADI VRISHIN MILIND

Harsheet Sharma

Aditya Gupta

Hrithik Rajendra Dwivedi

Jaiswar Satyendra Mohan

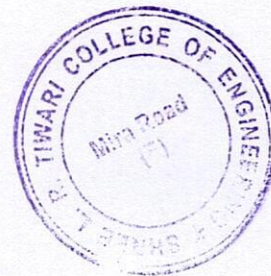
Sharma Shrikrishnagopal Ramvilas

Varma Aniket

Saloni vinay pandey

  
PRINCIPAL

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





Roll No

57 responses

12

07

17

47

56

04

13

58

14

61

48

18

43

62

38

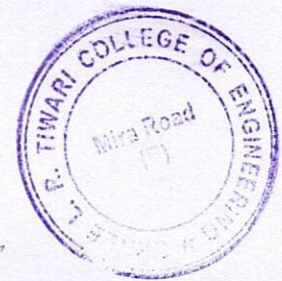
66

67

10

03

57




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





52  
53  
15  
64  
44  
45  
40  
16  
33  
21  
36  
35  
19  
24  
22  
49  
46  
37  
51  
02  
31  
27

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





23

34

60

28

08

25

39

06

41

09

05


42

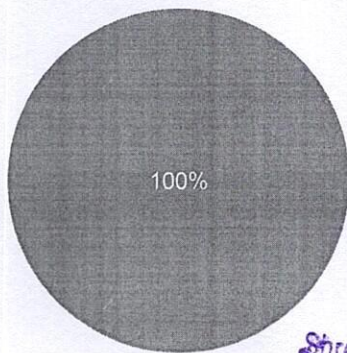
54

29

Branch


57 responses

 Copy



● IT



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

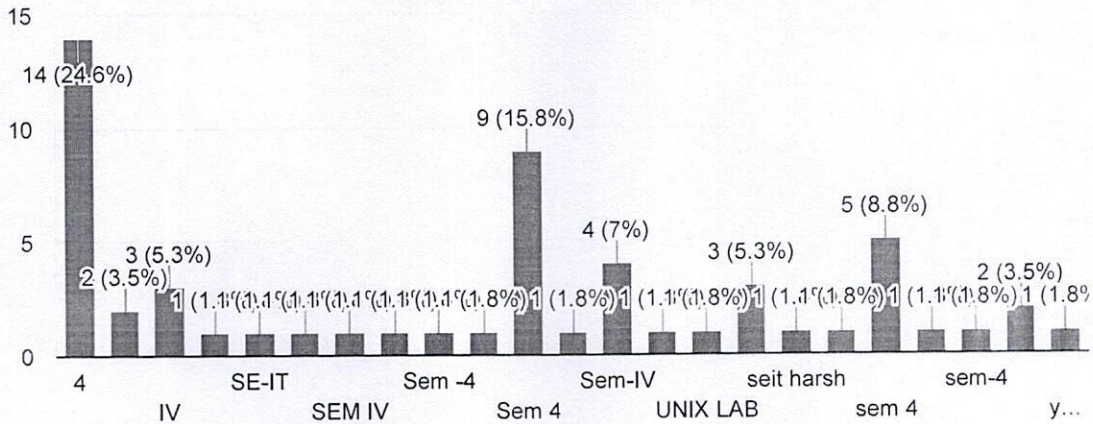




Copy

### Sem-IV

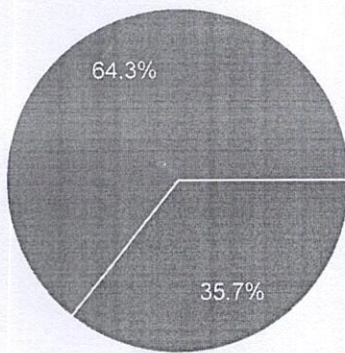
57 responses



### Which of the following correctly describes Array data types in Perl?

Copy

56 responses

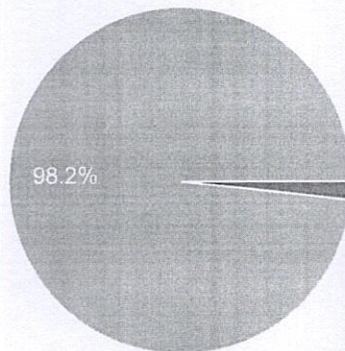


- These are simple variables. They are preceded by a dollar sign (\$).
- These are ordered lists of scalars that you access with a numeric index which starts with 0.
- These are unordered sets of key/value pairs that you access using the keys as subscripts.
- None of the above.

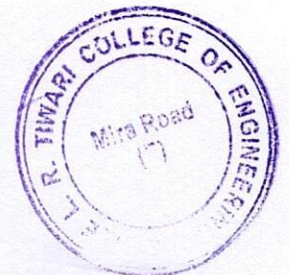
### Which of the following method shifts the first value of the array off and returns it, shortening the array by 1 and moving everything down?

Copy

57 responses




- push @ARRAY, LIST
- pop @ARRAY
- shift @ARRAY
- unshift @ARRAY, LIST



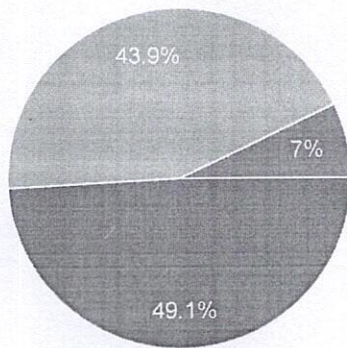
**PRINCIPAL**  
 Shree L. R. Tiwari College of Engineering  
 Kanakiyarank, Mira Road (E).




 Copy

Which of the following statement terminates the loop statement and transfers execution to the start of the loop?

57 responses

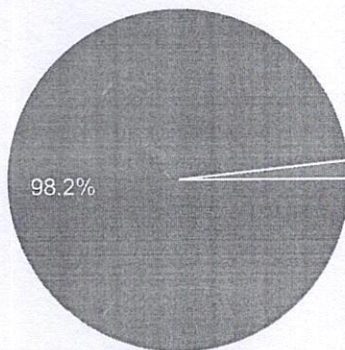


- next
- last
- continue
- redo


 Copy

Which of the following function returns current position of a pointer in a file?

57 responses

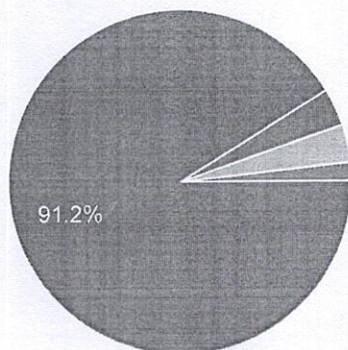


- rename
- tell
- seek
- None of the above.

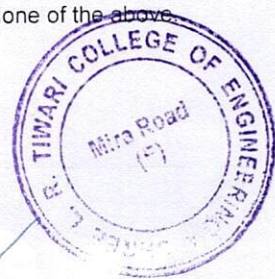
 Copy


Which of the following is correct about lexical variables?

57 responses




- Lexical variables are private variables created using my operator.
- Lexical variables are global variables.
- Both of the above.
- None of the above.



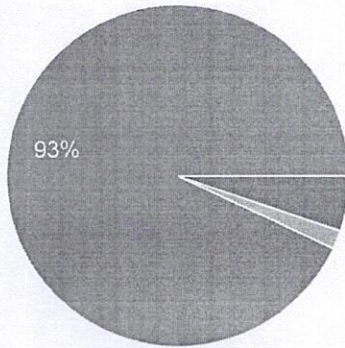
  
**PRINCIPAL**  
Shree L. R. Tiwari College of Engineering  
Kanakiya Park, Mira Road (E).



Which one of the following is the correct syntax for grep command?

 Copy

57 responses

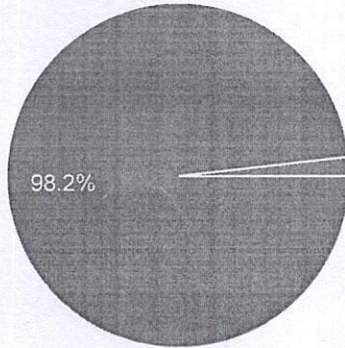


- grep options filename(s)
- grep options pattern
- grep pattern filename
- grep options pattern filename(s)

When the pattern is not found in a file, grep command silently returns the prompt.

 Copy

56 responses

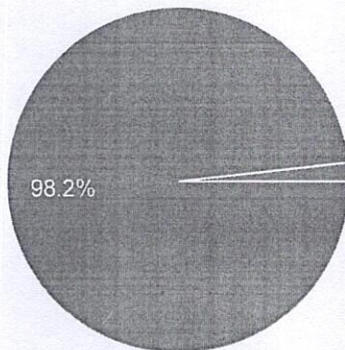


- True
- False


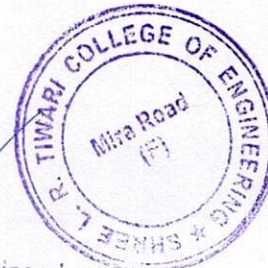
Which of the following commands is known as stream editor?

 Copy

57 responses

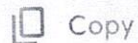


- sed
- grep
- tr

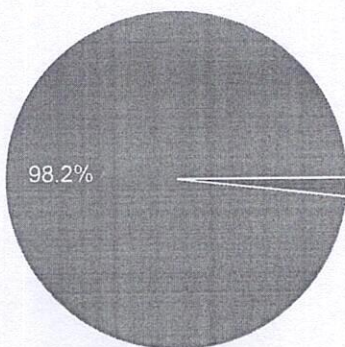
  
PRINCIPAL  
Shree L. R. Tiwari College of Engineering  
Kanakiya Park, Mira Road (E).  




To suppress the behavior of 'p' command of sed, we use \_\_\_\_ option.

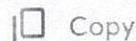


56 responses

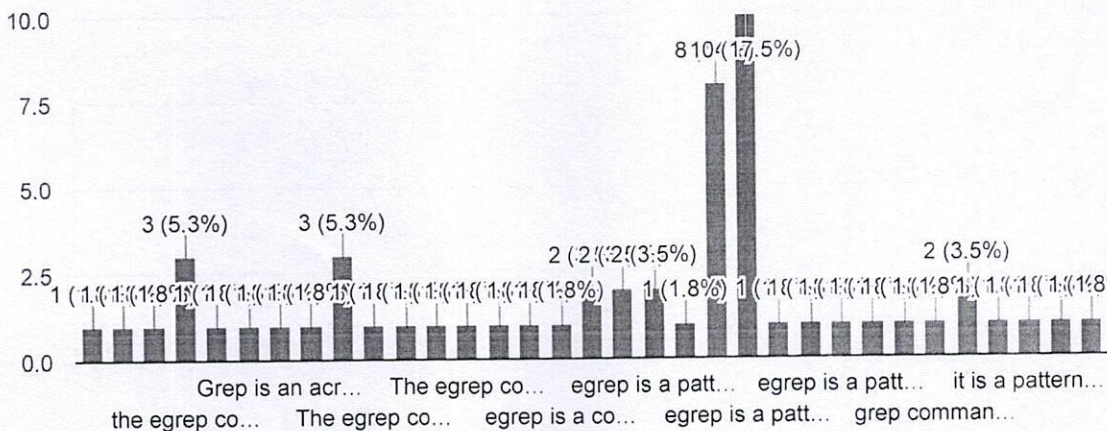


- q
- n
- i
- v

Describe egrep command.



57 responses



This content is neither created nor endorsed by Google. [Report Abuse](#) - [Terms of Service](#) - [Privacy Policy](#)

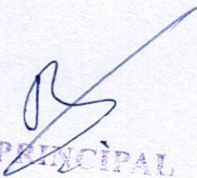
### Google Forms



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





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



DSA-SEM-III-AY-2021-22

Stream Classwork People Grades

Quiz	Item	Due Date
	Module V Searching and Sorting	Posted Oct 22, 2021
	Module III- Graph	Posted Oct 11, 2021
	Quiz II- Module II- Trees	Due Sep 29, 2021, 11:59 AM
	Quiz I- Module I - Introduction to Data Struc...	Due Sep 29, 2021, 11:59 AM
	Module II- Trees PPT and Programs	Posted Oct 24, 2021
	DSA E BOOK	Posted Sep 23, 2021
	DSA University Papers	Posted Sep 17, 2021
	Module I PPT	Posted Sep 17, 2021

View more

Quiz II- Module II- Trees

Questions Responses Settings

Alert section 1 - Continue to next section

Section 2/2

Quiz II- Module II- Trees

Description (optional)

- Construct binary search tree 13,3,4,12,14,10,5,1, 8, 2, 7, 9, 11, 6, 18
- Construct AVL, B Tree(m=3) . B+ Tree (m=4)- Tree 43, 23,45, 67, 90, 12, 23, 99, 67, 66

View folder



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



Module 1- Introduction to Data Structure

Description (optional)

How do you initialize an array in C?

- a) int ar[3] = {1,2,3};
- b) int ar(3) = {1,2,3};
- c) int ar[3] = (1,2,3);
- d) int arr(3) = {1,2,3};

In a stack, if a user tries to remove an element from an empty stack it is called \_\_\_\_\_.

- a) Underflow



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





## COLLEGE OF ENGINEERING, PUNE

(An Autonomous Institute of Govt. of Maharashtra)  
SHIVAJINAGAR, PUNE-411005 (MAHARASHTRA) INDIA

Tel.No.020-25507000/25507009

Fax: 020-25507299

E-mail: director@coep.ac.in

No. COEP/VLAB/MP2/NC57/2019-20/001

March 02, 2020

To,

The Principal,  
Shree L.R.TIWARI College of Engineering,  
Kanakia Park, near Commissioner's Bungalow,  
Mira Road (East),  
Thane - 401107

Dear Principal,

With reference to your Expression of Interest for Virtual Labs Nodal Centre (VLNC), it gives me immense pleasure to designate your college as a Nodal Centre for Virtual labs. As recommended by you, **Prof. Sandeep A. Dwivedi, Electronics & Telecommunication Engineering Department** has been nominated as the Nodal Coordinator from your college. This approval is valid up to 31st December 2021 and is subject to the Terms & Conditions attached and any subsequent directives as issued by MHRD.

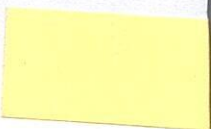
Kindly acknowledge receipt of this letter and acceptance of the Terms & Conditions.

We thank you again for your interest in the Virtual Labs project and appreciate your endeavor in the service of the student community. Wishing you all the best!

Thank You,

Sincerely,

Prof. S. D. Agashe  
Principle Investigator,  
College of Engineering, Pune







## VIRTUAL LABS: CoE, Pune

(An Initiative of Ministry of Human Resource & Development  
Under the National Mission on Education through ICT) <http://coep.vlab.co.in>

Expression of Interest for setting up a Virtual Labs Nodal Centre (VLNC)

### ELIGIBILITY:

1. The Virtual Labs Nodal Centre (VLNC) should be a Central/State University or Institute/college approved by **AICTE/UGC**.
2. The Institute has to provide a designated/common lab space having **35 PCs or more**, with a **minimum 1 Mbps** internet broadband connection, and a multimedia projector.
3. In the event that the internet network operates behind a firewall, the VLNC undertakes to open specific communication ports to facilitate VLab network traffic. Specifically ports 3306, 5900, 5902 and 8700 will need to be opened.
4. <http://www.java.com/en/download/index.jsp> must be downloadable through the internet and Gmail should be accessible.

### Terms and Conditions:

1. There is **no financial liability** of any party for using Virtual Labs. It is free to use.
2. The VLNC **cannot charge** students for the use of Virtual Labs.
3. One Nodal Coordinator for Virtual Labs should be nominated by the Head of the Institute (Director/Principal) at the respective Nodal Centre.
4. Renewal of EOI form is subjected to **fair usage** of the Virtual Labs.

### Nominations and Responsibilities at the Nodal Centres

1. Nodal Coordinators will be appointed at each Nodal Centre by the Head of the Institution.
2. He/she should continue with his/her responsibilities for at least one semester.
3. Requests for change of Nodal Coordinator will not be accepted in the middle of the semester, except in extreme circumstances, for example where the Coordinator proceeds on leave or quits the



Institute. Nomination of a new Nodal Coordinator will be accepted upon receiving confirmation from the previous Nodal Coordinator.

**Responsibilities of the Nodal Coordinator (NC):**

1. The Nodal Coordinator (NC) will be the main **interface** between the Outreach Team of Virtual Labs, CoE, Pune and the Nodal Centre.
2. He/She will **conduct training** sessions for students and faculty members on in his/her Institute.
3. NC may take help from other faculty members and support staff to coordinate training programmes in their respective institutes.
4. He/She is required to work towards **making Virtual Labs popular** among the students.
5. He/She is required to help in **Field Testing** the labs and in collation of end-user **Feedback** for the experiments of different Labs.
6. He/She is required to help in testing and debugging Virtual Labs while using them.
7. A monthly progress report regarding Virtual Labs usage by the students must be submitted by the Nodal Coordinator to the CoE, Pune, duly signed by the Director/Principal of the Institute.
8. Each VLNC will organize at least **one workshop per semester** as an outreach activity of VLabs.
9. Faculty members and students from at least **three nearby Institutions** should attend the workshop. The targeted attendees in each workshop should be approximately 100. The list of participants should be shared with CoE, Pune.
10. NCs will coordinate workshops. If required, the Outreach team from CoE, Pune may be invited.
11. Reimbursement of expenses maximum upto Rs.6000 will be paid on submission of all workshop bills and receipts, to the Outreach Team, CoE, Pune, within the stipulated time.
12. The Outreach Team, CoE, Pune should be informed about workshop dates and other training sessions organized by the Nodal Centre.
13. The Nodal Coordinator should **submit a report** of each workshop conducted, with relevant photographs. A template for the report will be shared by CoE, Pune.
14. Honorarium to Nodal Coordinator will be based on per student usages of Virtual Labs in his/her Institute and fulfilling all the above-mentioned responsibilities.



### Responsibility of the Outreach Team

1. To provide training and hands on practice on Virtual Labs to Nodal Coordinators and supporting staff.
2. Training session will be conducted only at CoE, Pune, as per the advertised date and time.
3. Maximum two members with Nodal Coordinator from each Nodal Centres may attend the training session.
4. ~~No TA/DA will be given to Nodal Coordinators and supporting staff for attending training session.~~
5. Onsite support may be given upon request by Nodal Centres.
6. The Outreach team will keep the Nodal Centres informed about the Labs under development and newly developed Labs in Virtual Labs.
7. The Outreach team may visit Nodal Centres on workshop day to ensure smooth conduct of the workshop.





### Field Trial Methodology:

1. Virtual Labs Team organises Workshop as well as hands on practice session on Virtual Labs for various Science & Engineering Institutions, at CoE, Pune.
2. Faculty members participate in the workshop and are encouraged to express their interest in nominating their institutes as Nodal Centres for Virtual Labs
3. There is a provision of EOI (Expression of Interest) form to become a Nodal Centre of Virtual Labs.
4. The EOI form contains all the details, eligibility criteria, role of Nodal Centre as well as the Nodal coordinator.
5. Then the Virtual Labs Team conducts faculty training sessions and workshops for students at the Nodal Centres.
6. Department wise demonstrations are given to the students.
7. Labs are demonstrated according to the syllabus of the ongoing semester.
8. Faculty members of the concerned department should be present during the demonstration.
9. After the demo of the Virtual Labs, hands on sessions are conducted.
10. On completion of the demo and hands on, the faculty members and the students have to submit the feedback forms to the Virtual Labs team.
11. These forms are compiled and analysed. The bugs are duly reported to the developers for debugging.
12. At the end of the semester, the compiled report of the Virtual Labs usage must be submitted by the Nodal coordinators.







Expression of Interest for setting up Virtual Labs' Nodal Centre (VLNC)

Name of the Institute: SHREE L. R. TIWARI COLLEGE OF ENGINEERING  
Acronym of Institute: SLRTEE  
Address: Kanakia Park, Near Commissioner's Bungalow, Mira Road  
Pin Code: Thane - 401107  
Latitude: 19.294333 Longitude: 72.867882  
Affiliated to: University of Mumbai.  
Approved By (AICTE/UGC/University): AICTE  
Approval Number: I-6969851 AISHE Code: C-46313  
Branch of Engineering / Science: ETC, ECS, IT, Computer Engg., Mech. & Civil  
Number of Students / Faculties: 239 + 200 + 332 + 347 + 343 + 206 Total: 1667 Students  
Total number of computers available for Virtual Labs use: 30 485 faculties  
Internet bandwidth (in mbps): 100 mbps

Name of the Head of Institute / Principal: Dr. Deven Shah  
Email: principal@slrtee.in Mobile: 9029726083

Proposed Nodal Centre Coordinator (NCC): Mr. Sandeep A. Dwivedi  
Email: Sandeep.dwivedi236@gmail.com Mobile: 8412848932

Department: Electronics & Telecommunication Engineering

It is certified that

- a) The institute is recognized by the AICTE/UGC.
- b) The institute has necessary and adequate infrastructure to host the Virtual Labs.
- c) Strict adherence to standard lab procedures and cyber security laws will be followed.
- d) Virtual Labs may withdraw/stop connectivity without giving any prior notice or reasons.
- e) This EOI for Virtual Labs usage is valid up to 31<sup>st</sup> December 2023 and requires renewal by the coordinating institute for continued support.

Signature & Stamp  
Head of Institute / Principal



Date: 03/01/2023

Shree L. R. Tiwari College of Engineering

- 1. Send the duly signed SCANNED COPY of this EOI to Virtual Labs team.
- 2. Keep the HARD COPY with you in a Virtual Labs file for the record.



Google | Firewall | ECS\_de | Academ | My Drive | skill lab | (1) Wha | AWS S3 | Amazon | COEP | +

← → ↻ <https://portal.coepvlab.ac.in/vlab/auth/home> ☆ 🛡️ 🗄️ 👤 🔒

For quick access, place your bookmarks here on the bookmarks bar. [Import bookmarks now...](#)

Home Records Welcome, Sandeep Dwivedi

Search By

College Name

User Id

Search

Statistical View Graphical View

**Sweta Padman ( info )** NC 57 SHREE L R TIWARI College of Engineering, Mira Road (East), Thane ( info )

Department	Lab	Experiment	Total Time (hour:min:sec)
Electronics and Communications	Virtual Microwave Lab	Design and Characterisation of Strip Line	0 : 0 : 56

Type here to search

ENG 4:43 PM IN 8/23/2023

Google | Firewall | ECS\_de | Academ | My Drive | skill lab | (1) Wha | AWS S3 | Amazon | COEP | +

← → ↻ <https://portal.coepvlab.ac.in/vlab/auth/home> ☆ 🛡️ 🗄️ 👤 🔒

For quick access, place your bookmarks here on the bookmarks bar. [Import bookmarks now...](#)

Home Records Welcome, Sandeep Dwivedi

Search By

College Name

User Id

Search

Statistical View Graphical View

**Sandeep Dwivedi ( info )** NC 57 SHREE L R TIWARI College of Engineering, Mira Road (East), Thane ( info )

Department	Lab	Experiment	Total Time (hour:min:sec)
Electronics and Communications	Electromagnetic Theory (IIITH)	Coulomb's Law	0 : 1 : 25
Computer Engineering	Computer Programming Lab	Functions	0 : 0 : 32
Computer Engineering	Computer Programming Lab	Functions	0 : 1 : 15
Computer Engineering	Computer Programming Lab	Functions	0 : 0 : 41
Electronics and Communications	Digital Signal processing virtual laboratory (Kharagpur)	Study of Discrete Fourier Transform (DFT) and its inverse	0 : 0 : 44

Type here to search

ENG 4:45 PM IN 8/23/2023

*AS*



Department	Lab	Experiment	Total Time (hour:min:sec)
Electronics and Communications	Basic Electronics (Kharagpur)	VI Characteristics of a Diode	0 : 1 : 39
Electronics and Communications	Basic Electronics (Kharagpur)	VI Characteristics of a Diode	0 : 0 : 59
Electronics and Communications	Basic Electronics (Kharagpur)	Half Wave Rectification	0 : 1 : 45
Electronics and Communications	Digital Electronic Circuits Laboratory (Kharagpur)	Analysis of Functions of BCD-TO-7-segment Decoder / Driver and Operation of 7-segment LED Display	0 : 0 : 57
Electronics and Communications	Digital Electronic Circuits Laboratory (Kharagpur)	Analysis of Functions of BCD-TO-7-segment Decoder / Driver and Operation of 7-segment LED Display	0 : 0 : 36
Electronics and Communications	Digital Signal processing virtual laboratory (Kharagpur)	Study of sampling theorem, effect of undersampling	0 : 1 : 12
Electronics and Communications	Virtual Microwave Lab	Design and Characterisation of Strip Line	0 : 1 : 54
Electronics and Communications	Virtual Microwave Lab	Design and Characterisation of Strip Line	0 : 12 : 19
Electronics and Communications	Virtual Microwave Lab	Design and Characterisation of Strip Line	0 : 15 : 50
Electronics and Communications	Virtual Microwave Lab	Design and Characterisation of Microstrip Line	0 : 6 : 55
Electronics and Communications	Virtual Microwave Lab	Design and Characterisation of Strip Line	0 : 1 : 0
Electronics and Communications	Virtual Microwave Lab	Patch Antenna	0 : 3 : 41

Department	Lab	Experiment	Total Time (hour:min:sec)
Electronics and Communications	Basic Electronics (Kharagpur)	VI Characteristics of a Diode	0 : 1 : 56
Electronics and Communications	Basic Electronics (Kharagpur)	Full Wave Rectification	0 : 0 : 47
Electronics and Communications	Basic Electronics (Kharagpur)	BJT Common Emitter Characteristics	0 : 1 : 10
Electronics and Communications	Basic Electronics (Kharagpur)	BJT Common Base Characteristics	0 : 0 : 37
Electronics and Communications	Basic Electronics (Kharagpur)	RC Differentiator and Integrator	0 : 1 : 15
Electronics and Communications	Digital Electronic Circuits Laboratory (Kharagpur)	Analysis of Functions of BCD-TO-7-segment Decoder / Driver and Operation of 7-segment LED Display	0 : 1 : 42
Electronics and Communications	Basic Electronics (Kharagpur)	VI Characteristics of a Diode	0 : 0 : 54
Electronics and Communications	Digital Signal processing virtual laboratory (Kharagpur)	Study of sampling theorem, effect of undersampling	0 : 0 : 30
Electronics and Communications	Digital Signal processing virtual laboratory (Kharagpur)	Study of Quantization of continuous-amplitude, discrete-time analog signals	0 : 0 : 51
Electronics and Communications	Digital Signal processing virtual laboratory (Kharagpur)	Study of Discrete Fourier Transform (DFT) and its inverse	0 : 1 : 47
Electronics and Communications	Digital Signal processing virtual laboratory (Kharagpur)	Study of FIR filter design using window method: Lowpass and highpass filter	0 : 1 : 35



Department	Lab	Experiment	Total Time (hour:min:sec)
Electronics and Communications	Digital Signal processing virtual laboratory (Kharagpur)	Study of convolution: series and parallel system	0 : 1 : 18
Electronics and Communications	Basic Electronics (Kharagpur)	VI Characteristics of a Diode	0 : 1 : 40
Electronics and Communications	Basic Electronics (Kharagpur)	VI Characteristics of a Diode	0 : 1 : 26
Electronics and Communications	Basic Electronics (Kharagpur)	VI Characteristics of a Diode	0 : 1 : 25
Electronics and Communications	Basic Electronics (Kharagpur)	Half Wave Rectification	0 : 1 : 50
Electronics and Communications	Basic Electronics (Kharagpur)	VI Characteristics of a Diode	0 : 1 : 33
Electronics and Communications	Basic Electronics (Kharagpur)	Full Wave Rectification	0 : 1 : 18
Electronics and Communications	Basic Electronics (Kharagpur)	Capacitive Rectification	0 : 1 : 60
Electronics and Communications	Basic Electronics (Kharagpur)	Zener Diode-Voltage Regulator	0 : 0 : 54
Electronics and Communications	Basic Electronics (Kharagpur)	BJT Common Emitter Characteristics	0 : 0 : 58
Electronics and Communications	Basic Electronics (Kharagpur)	BJT Common Base Characteristics	0 : 1 : 11
Electronics and Communications	Basic Electronics (Kharagpur)	RC Differentiator and Integrator	0 : 0 : 47
Electronics and Communications	Digital Electronic Circuits Laboratory (Kharagpur)	Analysis of Functions of BCD-TO-7-segment Decoder / Driver and Operation of 7-segment LED Display	0 : 0 : 41

Department	Lab	Experiment	Total Time (hour:min:sec)
Electronics and Communications	Basic Electronics (Kharagpur)	VI Characteristics of a Diode	0 : 1 : 8
Electronics and Communications	Basic Electronics (Kharagpur)	Half Wave Rectification	0 : 0 : 55
Electronics and Communications	Basic Electronics (Kharagpur)	VI Characteristics of a Diode	0 : 1 : 55
Electronics and Communications	Basic Electronics (Kharagpur)	BJT Common Emitter Characteristics	0 : 1 : 40
Electronics and Communications	Basic Electronics (Kharagpur)	BJT Common Base Characteristics	0 : 1 : 27
Electronics and Communications	Basic Electronics (Kharagpur)	BJT Common Base Characteristics	0 : 1 : 52
Electronics and Communications	Basic Electronics (Kharagpur)	RC Differentiator and Integrator	0 : 0 : 41
Electronics and Communications	Digital Electronic Circuits Laboratory (Kharagpur)	Analysis of Functions of BCD-TO-7-segment Decoder / Driver and Operation of 7-segment LED Display	0 : 0 : 46
Electronics and Communications	Digital Electronic Circuits Laboratory (Kharagpur)	Characterization of Digital Logic Families	0 : 1 : 59
Electronics and Communications	Digital Electronic Circuits Laboratory (Kharagpur)	Analysis and Synthesis of Boolean Expressions using Basic Logic Gates	0 : 1 : 49
Electronics and Communications	Digital Electronic Circuits Laboratory (Kharagpur)	Analysis and Synthesis of Logic Functions using Multiplexers	0 : 1 : 28



Google x Firewall x ECS\_de x Acaden x My Drive x skill lab x (1) Whi x AWS S3 x Amazo x COEP: x

https://portal.coepvtlab.ac.in/vlab/auth/home

For quick access, place your bookmarks here on the bookmarks bar: [Import bookmarks now...](#)

Home Records Welcome, Sandeep Divedi

Search By College Name

College Name NC 57 SHREE L R TIWARI College of Engineering, Mira Road (East), Thane

User Id 81 - Apama Chandrashekhar Majara

Search

Statistical View Graphical View

Aparna Majara ( info ) NC 57 SHREE L R TIWARI College of Engineering, Mira Road (East), Thane ( info )

Department	Lab	Experiment	Total Time (hour:min:sec)
Electronics and Communications	Digital Signal processing virtual laboratory (Kharagpur)	Study of Infinite Impulse Response (IIR) filter	0 : 1 : 0

Type here to search

ENG IN 4:52 PM 8/23/2023

Google x Firewall x ECS\_de x Acaden x My Drive x skill lab x (1) Whi x AWS S3 x Amazo x COEP: x

https://portal.coepvtlab.ac.in/vlab/auth/home

For quick access, place your bookmarks here on the bookmarks bar: [Import bookmarks now...](#)

College Name NC 57 SHREE L R TIWARI College of Engineering, Mira Road (East), Thane

User Id 235 - maheshwari sampat mame

Search

Statistical View Graphical View

maheshwari mame ( info ) NC 57 SHREE L R TIWARI College of Engineering, Mira Road (East), Thane ( info )

Department	Lab	Experiment	Total Time (hour:min:sec)
Electronics and Communications	Basic Electronics (Kharagpur)	Full Wave Rectification	0 : 0 : 44
Electronics and Communications	Basic Electronics (Kharagpur)	Capacitive Rectification	0 : 1 : 9
Electronics and Communications	Digital Electronic Circuits Laboratory (Kharagpur)	Analysis of Functions of BCD-TO-7-segment Decoder / Driver and Operation of 7-segment LED Display	0 : 1 : 55
Electronics and Communications	Digital Signal processing virtual laboratory (Kharagpur)	Study of sampling theorem, effect of undersampling	0 : 1 : 50
Electronics and Communications	Virtual Microwave Lab	Design and Characterisation of Strip Line	0 : 1 : 27
Electronics and Communications	Virtual Microwave Lab	Design and Characterisation of Strip Line	0 : 12 : 37
Electronics and Communications	Virtual Microwave Lab	Design and Characterisation of Strip Line	0 : 1 : 50

Type here to search

ENG IN 4:53 PM 8/23/2023

*Handwritten signature*





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)

NAAC Accredited | ISO 9001:2015 Certified  
Tel. No.: 022-28120144 / 022-28120145 | Email: slrtee@rahuleducation.com | Website: www.slrtee.in

NDLI Resources Utilization AY -2022-23 ODD

	Cos(Define Cos with Number)	Course name	Video lecture Link
Subject Code ITC504:Software Engineering	CO1:Understand and use basic knowledge in software engineering.	Software Engineering	<a href="https://www.ndl.org/asset/document/documentDetail.do?assetType=document&amp;docId=22JzN0ZmU2VhdW5kODBJdWRC&amp;docId=22JzN0ZmU2VhdW5kODBJdWRC&amp;docId=22JzN0ZmU2VhdW5kODBJdWRC">Z2JzN0ZmU2VhdW5kODBJdWRC Tmg3RXNnTDIvdTJmTUJGMXZzW VJyY2xaTVRpcWNPeFE5S2dDOct</a>
	CO2:Identify requirements, analyze and prepare models.	Software Engineering	<a href="http://ndl.iitkgp.ac.in/document/Z2JzN0ZmU2VhdW5kODBJdWRC">http://ndl.iitkgp.ac.in/document/ Z2JzN0ZmU2VhdW5kODBJdWRC</a>
	CO3:Plan, schedule and track the progress of the projects	Software Project management	<a href="http://ndl.iitkgp.ac.in/document/Z2JzN0ZmU2VhdW5kODBJdWRC">http://ndl.iitkgp.ac.in/document/ Z2JzN0ZmU2VhdW5kODBJdWRC</a>
	CO4:Design & develop the software solutions for the growth of society	Software Engineering Transcript	<a href="http://ndl.iitkgp.ac.in/document/Z2JzN0ZmU2VhdW5kODBJdWRC">http://ndl.iitkgp.ac.in/document/ Z2JzN0ZmU2VhdW5kODBJdWRC</a>
	CO5:To demonstrate and evaluate real time projects with respect to software	Software Project management	<a href="http://ndl.iitkgp.ac.in/document/Z2JzN0ZmU2VhdW5kODBJdWRC">http://ndl.iitkgp.ac.in/document/ Z2JzN0ZmU2VhdW5kODBJdWRC</a>
	CO6:Apply testing and assure quality in software solution	Software testing	<a href="http://ndl.iitkgp.ac.in/document/eUJ5RFk4S3pISG1McXpCN2JPTk1">http://ndl.iitkgp.ac.in/document/ eUJ5RFk4S3pISG1McXpCN2JPTk1</a>

Subject Incharge  
Mrs. Madhuri N. Gedam

HOD  
Dr. Roopali Lolage



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





# Student Learning Assessment

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, NEW DELHI



Student Learning Assessment



**ARUNTHUTHIYAR YOGESH THANGAVELU ( SLAS1194869 )**

3rd Year

**INFORMATION TECHNOLOGY**

**SHREE L.R. TIWARI COLLEGE OF ENGINEERING ( 1-6969851 )**

Date : 16-02-2023

Type : Assessment by Institute

**Overall Rating**



★★★★★ Excellent | ★★★★★ Very Good | ★★★☆☆ Good

### Algorithms

★★★★☆

- You can be a thrill personality to work with and holds a wide range of skills.
- Good technical and leadership skills.

### Artificial Intelligence

★★★★☆

- Can be Professional and very skilled person.
- You can be a capable and skilled engineer.

### Chemistry

★★★★★

- You are a very adaptive and talented engineer.
- Profound professional knowledge and always aims to learn and acquire more skills.

### Compiler Design

★★★★★

- Understands complicated issues, even when beyond your direct area of expertise.
- You acquire the peak of understanding the utmost complex design and implementation issues at every s

### Data Analytics

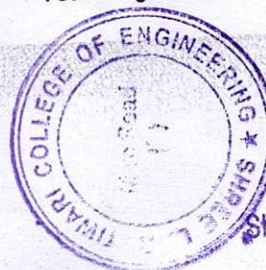
★★★★★

- You can be an expert and a highly skilled engineer and leader.
- Your technical and leadership skills are matchable with excellent people

### Databases

★★★★★

- You are an outstanding engineer with rich innovations
- You can get into the details with any architect or engineer.



PRINCIPAL

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



### Machine Learning

★★★★★

- Professional and result oriented.
- You can be a capable and skilled engineer.

### Maths

★★★★★

- Losers quit when they're tired. Winners quit when they've won.
- Keep going. Everything you need will come to you at the perfect time.

### Natural Language Processing

★★★★★

- Your skills will be remarkable when compared with other engineers.
- You are technically sound, good, fit and innovative.

### Operating System

★★★★★

- You can be among the engineers who can do all the tasks effortlessly.
- You acquire the peak of understanding the utmost complex design and implementation issues at every s

### Programming And Data Structures

★★★★★

- You could become industrial experts who can explain the complex concepts in a very practical and sim
- You can be an innovative engineer artist who can improvise and confront new situations.

### Software Engineering

★★★★★

- You have good understanding of engineering and business pcessess.
- Highly skilled professional.

### Web Technology

★★★★★

- You are a bright, able and an adept engineer.
- A little progress each day adds up to big results

### 3D Printing and Design

★★★★★

- Profound professional knowledge and always aims to learn and acquire more skills.
- You can be a skilled and highly intelligent engineer.

### Artificial Intelligence/ Machine Learning

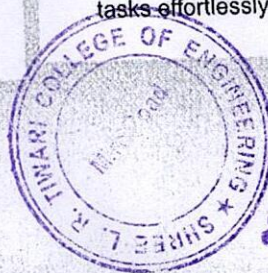
★★★★★

- Understands complicated issues, even when beyond your direct area of expertise.
- You can be among the engineers who can do all the tasks effortlessly.

### Cyber Security

★★★★★

- Your sound, knowledgeable skills and out-of-box thinking can be precious for your circle.
- You can be among the engineers who can do all the tasks effortlessly.



PRINCIPAL

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



## Data Science

★★★★★

- You can be an innovative engineer artist who can improvise and confront new situations.
- Blend of technical and practical skills.

## Internet of Things (IoT)

★★★★★

- You possess many skills that an ordinary engineer doesn't think of.
- You can be an eager engineer who is willing to take on any new challenge.

## Robotics

★★★★★

- You can be One of the best engineers in our industry.
- Feasible and valuable engineer.

## General Knowledge Aptitude

★★★★★

- You acquire the peak of understanding the utmost complex design and implementation issues at every s
- Your sound, knowledgeable skills and out-of-box thinking can be precious for your circle.

## Integrity Aptitude

★★★★★

- You are much hardworking and always complete all of work with integrity.
- Your integral values make others comfortable.

## Mental Aptitude

★★★★★

- Focus on your goal. Don't look in any direction but ahead.
- Don't try to be perfect. Just try to be better than you were yesterday.

## Physical Aptitude

★★★★★

- You possess good managerial skills that help you excel in obtaining management support.
- You use your relevant knowledge, know-how, and skills to explain and clarify thoughts and ideas.

## Social Aptitude

★★★★★

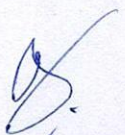
- You have a pleasing personality.
- You are compassionate toward others.

## Spiritual Aptitude

★★★★★

- Losers quit when they're tired. Winners quit when they've won.
- Focus on your goal. Don't look in any direction but ahead.



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





# Student Learning Assessment

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, NEW DELHI



Student Learning Assessment



RISHABH SINGH ( SLAS1201856 )

3rd Year

INFORMATION TECHNOLOGY

SHREE L.R. TIWARI COLLEGE OF ENGINEERING ( 1-6969851 )

Date : 27-01-2023

Type : Assessment by Institute

### Overall Rating



★★★★★ Excellent | ★★★★☆ Very Good | ★★★☆☆ Good

### Algorithms

★★★★★

- You can be an expert and a highly skilled engineer and leader.
- You can be an insightful and thorough researcher and engineer.

### Artificial Intelligence

★★★★☆

- Professional and result oriented.
- You can be an application engineer.

### Chemistry

★★★★★

- You acquire the peak of understanding the utmost complex design and implementation issues at every s
- You can be an insightful and thorough researcher and engineer.

### Cloud Computing

★★★★★

- You are an outstanding engineer with rich innovations
- You are knowledgeable in both the creating and engineering.

### Compiler Design

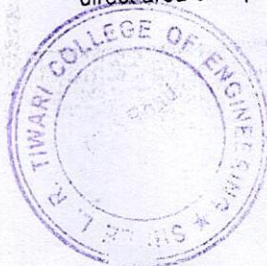
★★★★☆

- You can demonstrate outstanding, technical and business knowledge in the project area.
- Highly skilled professional.

### Computer Networks

★★★★★

- You can be an exceptional and a great engineer.
- Understands complicated issues, even when beyond your direct area of expertise.



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



## Databases

★★★★★

- You can be a skilled and highly intelligent engineer.
- You possess many skills that an ordinary engineer doesn't think of.

## Operating System

★★★★★

- Combined with your dedication and outstanding technical insight give you the availability to deliver
- You can be among the engineers who can do all the tasks effortlessly.

## Web Technology

★★★★★

- You possess many skills that an ordinary engineer doesn't think of.
- You can get into the details with any architect or engineer.

## Artificial Intelligence/ Machine Learning

★★★★★

- You are virtuous in engineering.
- You can be a capable and skilled engineer.

## Cyber Security

★★★★★

- A little progress each day adds up to big results
- It's not about perfect. It's about effort.

## Machine Learning

★★★★★

- You have good understanding of engineering and business processes.
- Professional and result oriented.

## Theory Of Computation

★★★★★

- You are virtuous in engineering.
- You can be a thrill personality to work with and holds a wide range of skills.

## 3D Printing and Design

★★★★★

- Combined with your dedication and outstanding technical insight give you the availability to deliver
- Profound professional knowledge and always aims to learn and acquire more skills.

## Augmented Reality (AR)/ Virtual Reality (VR)

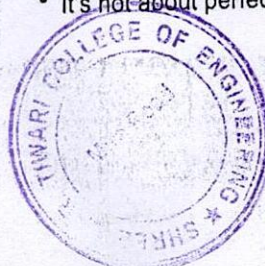
★★★★★

- You can be an insightful and thorough researcher and engineer.
- Understands complicated issues, even when beyond your direct area of expertise.

## Data Science

★★★★★

- Don't try to be perfect. Just try to be better than you were yesterday.
- It's not about perfect. It's about effort.



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





NAAC  
 CA-2 → 2.6.3  
 Sem VIII  
 Exam Result

Pass percentage of Students during last five years

Note (without Backlogs)

Year	Program Code	Program Name	Number of students appeared in the final year examination	Number of students passed in final year examination
2018-19	342319110	Civil Engineering	75	72
	342324510	Computer Engineering	84	82
	342337610	Electronics Engineering	62	62
	342337210/342337280(DSE)	Electronics and Telecommunication	131	124
	342324610	Information Technology	79	78
	342361210/342361280(DSE)	Mechanical Engineering	129	124
2019-20	342319110	Civil Engineering	77	77
	342324510	Computer Engineering	71	71
	342337610	Electronics Engineering	37	37
	342337210/342337280(DSE)	Electronics and Telecommunication	110	110
	342324610	Information Technology	70	70
	342361210/342361280(DSE)	Mechanical Engineering	124	124
2020-21	342319110	Civil Engineering	79	79
	342324510	Computer Engineering	75	75
	342337610	Electronics Engineering	39	39
	342337210/342337280(DSE)	Electronics and Telecommunication	87	87
	342324610	Information Technology	81	81
	342361210/342361280(DSE)	Mechanical Engineering	158	158
2021-22	342319110	Civil Engineering	67	60
	342324510	Computer Engineering	76	74
	342337610	Electronics Engineering	53	50
	342337210/342337280(DSE)	Electronics and Telecommunication	78	75
	342324610	Information Technology	66	66
	342361210/342361280(DSE)	Mechanical Engineering	79	70
2022-23	342319110	Civil Engineering	72	result awaited
	342324510	Computer Engineering	74	result awaited
	342337610	Electronics Engineering	12	result awaited
	342337210/342337280(DSE)	Electronics and Telecommunication	66	result awaited
	342324610	Information Technology	72	result awaited
	342361210/342361280(DSE)	Mechanical Engineering	143	result awaited

Kindly check the no (without Backlogs)

PRINCIPAL  
 Shree L. R. Tiwari College of Engineering  
 Mira Road (East)