



SANTHIRAM ENGINEERING COLLEGE

(AUTONOMOUS)

Approved by AICTE: New Delhi, Permanently Affiliated to JNT University, Ananthapuramu.
Accredited by NAAC (Grade-A), Accredited by NBA (ECE & CSE)
ISO 9001:2015 Certified Institution, 2(f) & 12(B) recognition by UGC Act, 1956
NH-40, Nandyal - 518501, A. P.
Web: www.srecnandyal.edu.in

Department of Computer Science & Engineering

Lr.No. SREC/CSE/2026-27/03

Date: 12/08/2026

To
The Principal,
Santhiram Engineering College,
Nandyal.

Respected Sir,

Sub: Requisition for approval of “Virtual Laboratory Sessions for Enhanced Practical Learning” – Reg.

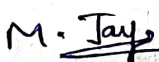
The Department of CSE, in association with SREC IEEE Student Branch STB17901 and IEEE Computer Society SBC17901B, has planned to organize “Virtual Laboratory Sessions for Enhanced Practical Learning” on 17-08-2026 for the II B.Tech CSE students.

The proposed virtual laboratory sessions aim to enhance students’ practical understanding, conceptual clarity, and hands-on exposure through **simulation-based and remote-access laboratory platforms**. The sessions will provide students with an opportunity to perform virtual experiments and relate theoretical concepts with practical applications.

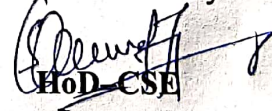
Mrs. M. Jayamma, Assistant Professor, Department of CSE, is the Program Coordinator for this program.

This is submitted for your kind information and necessary approval.

Submitted By


Program Coordinator

Forwarded By


HoD CSE

Principal





SANTHIRAM ENGINEERING COLLEGE

(AUTONOMOUS)

Approved by AICTE: New Delhi, Permanently Affiliated to JNT University, Ananthapuramu.
Accredited by NAAC (Grade-A), Accredited by NBA (ECE & CSE)
ISO 9001:2015 Certified Institution, 2(f) & 12(B) recognition by UGC Act, 1956
NH-40, Nandyal - 518501, A. P.

Web: www.srecnandyal.edu.in

Department of Computer Science & Engineering

LETTER OF ACCEPTANCE

Date: 13-08-2026

Dear Madam,

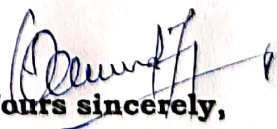
Sub: Acceptance to Participate in the "Virtual Laboratory Sessions for Enhanced Practical Learning" – Reg. I sincerely thank you for inviting me to participate in the **"Virtual Laboratory Sessions for Enhanced Practical Learning"** scheduled on **17-08-2026**.

I am pleased to accept the invitation and participate in the program. I consider it a valuable opportunity to contribute to the students' practical learning through **simulation-based and remote-access virtual laboratory platforms**.

I assure you of my wholehearted cooperation and active participation in the program. I look forward to contributing to the successful conduct of the **Virtual Laboratory Sessions for Enhanced Practical Learning**.

Thank you once again for providing me with this opportunity.

Thanking you.


Yours sincerely,

Dr. S. Md. Farooq
Professor & HOD,

Department of CSE

SREC ,Nandyal



**SANTHIRAM ENGINEERING COLLEGE: NANDYAL
(AUTONOMOUS)**

Approved by AICTE: New Delhi: Permanently Affiliated to JNTUA, Ananthapuramu
Accredited by NAAC (Grade-A), Accredited by NBA (Dept. of ECE & Dept. of CSE)
ISO 9001:2015 Certified Institution, 2(f) & 12(B) recognition by UGC Act, 1956.
NH-40, Nandyal Dist. - 518501, A. P.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

DATE: 14-08-2026

Lr.No. SREC/CSE/2026-27/03

CIRCULAR

All the students of II-Year CSE are hereby informed that the Department of Computer Science and Engineering (CSE), in association with the IEEE Student Branch Chapter – Computational Intelligence Society, is planning to conduct “Virtual Laboratory Sessions” on 17-08-2026. The proposed virtual laboratory sessions aim to enhance students’ practical understanding, conceptual clarity, and hands-on exposure through simulation-based and remote-access laboratory platforms. Hence, students are requested to give their names to the Program Coordinator, Mrs. M. Jayamma, Assistant Professor, Department of CSE. We look forward to your enthusiastic participation.

M. Jayamma
Program Coordinator

(Signature)
HOD(CSE)



SANTHIRAM ENGINEERING COLLEGE

(AUTONOMOUS)



Approved by AICTE, New Delhi, Permanently affiliated to JNTUA, Anantapuramu
Accredited by NAAC 'A' Grade, Accredited by NBA (ECE & CSE)
NH-40, NANDYAL DIST A.P



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)



One Day Program on

“Virtual Laboratory Sessions for Enhanced Practical Learning”



Organized by

Department of Computer Science and Engineering

In Association with SREC IEEE Student Branch STB17901 and
IEEE Computer Society SBC17901B
(Computational Intelligence Society)

Date:

17-08-2026



Mode:

Offline





SANTHIRAM ENGINEERING COLLEGE: NANDYAL (AUTONOMOUS)

Approved by AICTE: New Delhi: Permanently Affiliated to JNTUA, Ananthapuramu
Accredited by NAAC (Grade-A), Accredited by NBA (Dept. of ECE & Dept. of CSE)
ISO 9001:2015 Certified Institution, 2(f) & 12(B) recognition by UGC Act, 1956.
NH-40, Nandyal Dist. - 518501, A. P.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

"Virtual Laboratory Sessions for Enhanced Practical Learning"

DATE: 17-08-2026

S.no	Roll Number	Name	Mail id	Phone Number	Signature
1	25X51A05J4	AKKEM PAVAN	25X51A05J4@stecnandyal.edu.in	63002211928	Pavan
2	25X51A05J5	AMMEPALLI VYSHNAVI	25X51A05J5@stecnandyal.edu.in	8247226156	A.vyshnavi
3	25X51A05J6	ANAKALA NAGAHARIKRISHNA	25X51A05J6@stecnandyal.edu.in	9908068628	Akshai Kanthar
4	25X51A05J7	ASUNDI GANESH	25X51A05J7@stecnandyal.edu.in	888 7772320	Ganesh
5	25X51A05J8	ATKUR CHARITHA	25X51A05J8@stecnandyal.edu.in	7337375979	A.Chitha
6	25X51A05J9	BAREEDU SURESH	25X51A05J9@stecnandyal.edu.in		Suresh
7	25X51A05K0	BATTURI VENKATA MALLESWARI	25X51A05K0@stecnandyal.edu.in	9346143313	B.malleswari
8	25X51A05K1	BHUMA VAMSIDHAR REDDY*	25X51A05K1@stecnandyal.edu.in	6305309850	B.Vamsidhar
9	25X51A05K2	BOLLA GURU LAKSHMI	25X51A05K2@stecnandyal.edu.in	7396301174	B.Guru Lakshmi
10	25X51A05K3	BOYA MADHU MOHAN	25X51A05K3@stecnandyal.edu.in	7981047007	B.madhu mohan
11	25X51A05K4	BOYA YERUKALAI AHGARI LAKSHMANNA	25X51A05K4@stecnandyal.edu.in	9100302757	B.laxman
12	25X51A05K5	CHALLA VENKATA SURENDRA	25X51A05K5@stecnandyal.edu.in	6304732522	C.V.Surendra
13	25X51A05K6	DUDEKULA ARIF VALI	25X51A05K6@stecnandyal.edu.in	6305053059	D.Arif Vali
14	25X51A05K7	DUDEKULA HUSSAIN PEERA	25X51A05K7@stecnandyal.edu.in	9618444470	D.Hussain Peera
15	25X51A05K8	DUDEKULA SAMEER	25X51A05K8@stecnandyal.edu.in	9653212900	D.Sameer
16	25X51A05K9	EDIGA GANESH GOUD	25X51A05K9@stecnandyal.edu.in	6301083595	E.Ganesh Goud
17	25X51A05L0	EDIGA KISHORE GOUD	25X51A05L0@stecnandyal.edu.in	8919987215	E.Kishore Goud
18	25X51A05L1	EDIGA SUSMITHA	25X51A05L1@stecnandyal.edu.in	7075256009	E.Susmitha
19	25X51A05L2	EERLA RAKESH	25X51A05L2@stecnandyal.edu.in	9001201540	E.Rakesh
20	25X51A05L3	GAJULA SHAIK MOHAMEED ADIB	25X51A05L3@stecnandyal.edu.in	9392618035	G.Adib
21	25X51A05L4	GEEDI DHANUSH	25X51A05L4@stecnandyal.edu.in	9063019589	G.Dhanush
22	25X51A05L5	GODUGU KAVERI	25X51A05L5@stecnandyal.edu.in	8121880292	G.Kaveri
23	25X51A05L6	GOUSAMMAGARI SANIYA	25X51A05L6@stecnandyal.edu.in	9542139720	G.Saniya
24	25X51A05L7	GUDURU MANOJKUMAR REDDY	25X51A05L7@stecnandyal.edu.in	62814544	G.Manoj
25	25X51A05L8	GUTHI D. STAGIRAMMA	25X51A05L8@stecnandyal.edu.in	9160831025	G.D.
26	25X51A05L9	GUTHI BABAVALLI	25X51A05L9@stecnandyal.edu.in	9701090072	G.valli
27	25X51A05M0	INJETHI KARTHIK*	25X51A05M0@stecnandyal.edu.in	8328570046	I.Karthik
28	25X51A05M1	JADAV HIMASREE BAI	25X51A05M1@stecnandyal.edu.in	8351677897	H.mahadevi

Email

Phone no.

Sign.

29	25X51A05M2	KAGULA HEMANTH	25X51A05M2@Ssec nandyal.edu.in	7493411224	PO
30	25X51A05M3	KANDUKURU S. MITHRA	25X51A05M3@Ssec nandyal.edu.in	9705376330	Shant
31	25X51A05M4	KODUMURU SAI CHIRAN REDDY	25X51A05M4@Ssec nandyal.edu.in	7330908825	KQ Ramesh
32	25X51A05M5	KIRAKULA MANASWINI	25X51A05M5@Ssec nandyal.edu.in	9328255227 676325	Manguni
33	25X51A05M6	KURUVA MANOJ	25X51A05M6@Ssec nandyal.edu.in	987654321	Manj
34	25X51A05M7	MADDI NAVEEN	25X51A05M7@Ssec nandyal.edu.in	7675295610	man
35	25X51A05M8	MANDLA SUDHAKAR	25X51A05M8@Ssec nandyal.edu.in	9491125862	Sudhar
36	25X51A05M9	MANGALI UMA MAHESWARI	25X51A05M9@Ssec nandyal.edu.in	9825495661	MAHA
37	25X51A05N0	MASEEDULA MAHABOOB HUSEN	25X51A05N0@Ssec nandyal.edu.in	6301404832	M. Mahabob Husen
38	25X51A05N1	MIDDE NAGA JYOTHI	25X51A05N1@Ssec nandyal.edu.in	7780265817	M. Jyothi
39	25X51A05N2	MILLA SULTHAN AHAMMAD	25X51A05N2@Ssec nandyal.edu.in	9391220932	M. Sulthan
40	25X51A05N3	NAGAM JAHNAVI	25X51A05N3@Ssec nandyal.edu.in	8179434432	N. Jyoti
41	25X51A05N4	NANNABAIGARI ARIF	25X51A05N4@Ssec nandyal.edu.in	9885393585	Arif
42	25X51A05N5	NFELI SIVANANDU	25X51A05N5@Ssec nandyal.edu.in	9704557823	N. Sivanandu
43	25X51A05N6	NILAKACHANDANAM DEENA KUMARI	25X51A05N6@Ssec nandyal.edu.in	8142630197	N. Deena
44	25X51A05N7	ORE MADHU SAINATH	25X51A05N7@Ssec nandyal.edu.in	9121307634	O. Madhu
45	25X51A05N8	ORE MAHIDHAR	25X51A05N8@Ssec nandyal.edu.in	6301444423	O. Mahidhar
46	25X51A05N9	OSURU RAGHURAM	25X51A05N9@Ssec nandyal.edu.in	7989526960	O. Raghuram
47	25X51A05O0	PALEM SAIDEEP	25X51A05O0@Ssec nandyal.edu.in	9331568298	P. Saideep
48	25X51A05O1	PANDANA BOYINA JASWANTH	25X51A05O1@Ssec nandyal.edu.in	7075900264	P. Jaswanth
49	25X51A05O2	POTTIPATI DEEPIKA	25X51A05O2@Ssec nandyal.edu.in	9333840908	P. Deepika
50	25X51A05O3	SAMPANGI REDDY ESWA	25X51A05O3@Ssec nandyal.edu.in	9806308475	S. Eswa
51	25X51A05O4	SHAIK AFROZ ALI	25X51A05O4@Ssec nandyal.edu.in	8121855575	S. Afroz
52	25X51A05O5	SHAIK MASTHAN BEE	25X51A05O5@Ssec nandyal.edu.in	6305651528	S. Masthan
53	25X51A05O6	SHAIK NAGUR BASHA	25X51A05O6@Ssec nandyal.edu.in	7674916505	S. Basha
54	25X51A05O7	SHAIK SAMEERA	25X51A05O7@Ssec nandyal.edu.in	9347617239	S. Sameera
55	25X51A05O8	SHAIK SHAHID	25X51A05O8@Ssec nandyal.edu.in	7207103020	S. Shahid
56	25X51A05O9	SHAIK TUBA MUSTAB S. EERA	25X51A05O9@Ssec nandyal.edu.in	7672065421	S. Tuba
57	25X51A05P0	SIRASANAGANDLA SIVA VENKATA RAO	25X51A05P0@Ssec nandyal.edu.in	8880300950	S. Venkata
58	25X51A05P1	TADIKAMALLA NAGA SINDHU	25X51A05P1@Ssec nandyal.edu.in	8983407831	T. Sindhu
59	25X51A05P2	V. DALAKURUVA SRAVANI	25X51A05P2@Ssec nandyal.edu.in	9052067478	V. Sravani
60	25X51A05P3	VADDE MIDDE MANI	25X51A05P3@Ssec nandyal.edu.in	6304788100	V. Mani
61	25X51A05P4	V. ERAMREDDY TEJASWAR REDDY	25X51A05P4@Ssec nandyal.edu.in	7386240317	V. Tejaswar
62	25X51A05P5	VELUGU SRUTHI	25X51A05P5@Ssec nandyal.edu.in	8143815545	V. Sruthi
63	25X51A05P6	VENKATARAJUGARI RA. DHAKRISHNA	25X51A05P6@Ssec nandyal.edu.in	8125935560	V. Dhakrishna

M. Jaye
Program Coordinator

(Signature)
HOD (CSE)



SANTHIRAM ENGINEERING COLLEGE

(AUTONOMOUS)

Approved by AICTE: New Delhi, Permanently Affiliated to JNT University, Ananthapuramu.
Accredited by NAAC (Grade-A), Accredited by NBA (ECE & CSE)
ISO 9001:2015 Certified Institution, 2(f) & 12(B) recognition by UGC Act, 1956
NH-40, Nandyal - 518501, A. P.
Web: www.srecnandyal.edu.in

Department of Computer Science & Engineering

“Virtual Laboratory Sessions for Enhanced Practical Learning”

Date: 17-08-2026

Program Schedule:

Date	Participants	Session Time	Content
17-08-2026	II - I B.Tech CSE Students	10:00 AM – 10:15 AM	Inauguration of the Program and introduction of the Virtual Laboratory Sessions by the Program Coordinator.
		10:15 AM – 12:00 PM	Introduction to Virtual Laboratories: Overview, importance, features, and applications of virtual laboratories in engineering education.
		12:00 PM – 01:00 PM	Virtual Laboratory Demonstration: Demonstration of simulation-based experiments and guidance on performing experiments using virtual laboratory platforms.

M. Jays
Program coordinator

[Signature]
HCSE



SANTHIRAM ENGINEERING COLLEGE

(AUTONOMOUS)

Approved by AICTE: New Delhi, Permanently Affiliated to JNT University, Ananthapuramu.
Accredited by NAAC (Grade-A), Accredited by NBA (ECE & CSE)
ISO 9001:2015 Certified Institution, 2(f) & 12(B) recognition by UGC Act, 1956
NH-40, Nandyal - 518501, A. P.
Web: www.srecnandyal.edu.in

Department of Computer Science & Engineering

Report

Program Title : "Virtual Laboratory Sessions for Enhanced Practical Learning"

Organized By : Department of CSE, SREC

Program Coordinator : Mrs .M.Jayamma

Date : 17-08-2026

No. of participants :63

The Department of Computer Science and Engineering, in association with SREC IEEE Student Branch STB17901 and IEEE Computer Society SBC17901B, organized "Virtual Laboratory Sessions for Enhanced Practical Learning" on 17-08-2026. The program was coordinated by Mrs. M. Jayamma, Assistant Professor, Department of Computer Science and Engineering. The primary objective of the program was to enhance students' practical understanding, conceptual clarity, and hands-on learning experience through simulation-based and remote-access virtual laboratory platforms.

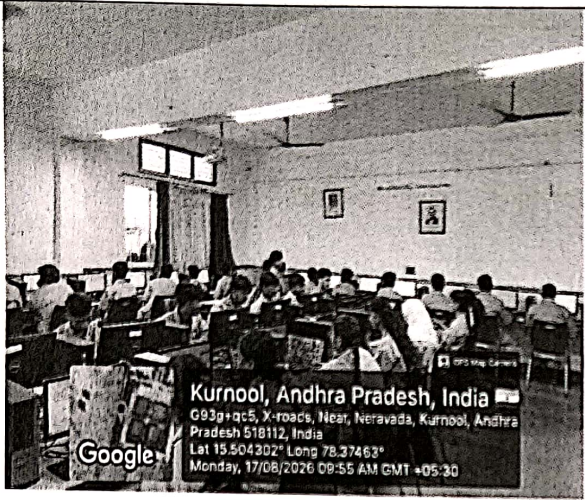
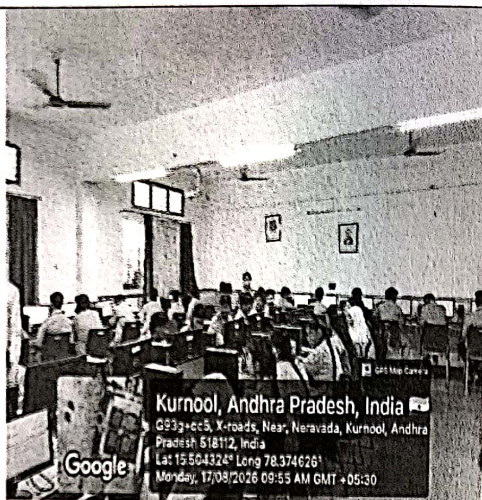
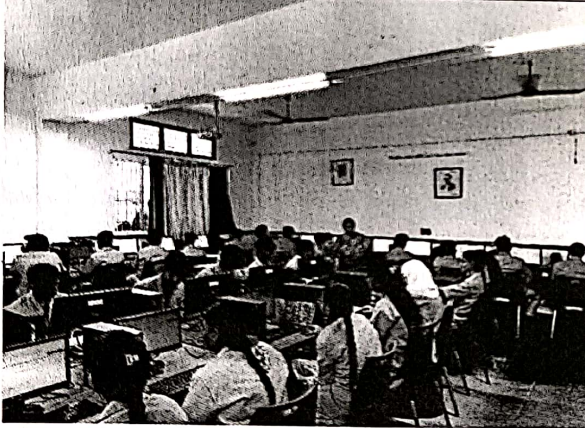
The program introduced students to the concept, importance, and applications of virtual laboratories in modern engineering education. The sessions provided an interactive and technology-enabled learning environment in which students explored laboratory experiments through virtual simulations. Students were guided through experimental procedures, performed virtual experiments, observed the results, and related their observations to the theoretical concepts learned in the classroom. This approach enabled students to gain practical experience in a flexible and accessible learning environment.

The virtual laboratory sessions were designed to bridge the gap between theoretical knowledge and practical implementation. Through simulation-based experimentation, students gained exposure to digital laboratory resources and developed a better understanding of practical concepts. The sessions also encouraged students to explore experiments independently, analyze experimental results, and develop confidence in using technology-enabled laboratory platforms.

The program helped students understand the role and significance of virtual laboratories in engineering education. Students gained practical exposure by performing and observing experiments using virtual platforms and learned to connect theoretical concepts with practical applications. The sessions also contributed to the development of their analytical, practical, and problem-solving skills, while promoting experiential and self-directed learning.

Overall, the "Virtual Laboratory Sessions for Enhanced Practical Learning" was a valuable academic activity that complemented conventional classroom and laboratory instruction through the effective

use of digital resources. The program provided students with an opportunity to experience **technology-enabled experimentation**, strengthened their practical understanding, and enhanced their confidence in using virtual laboratory platforms. The session was successfully organized under the coordination of **Mrs. M. Jayamma, Assistant Professor, Department of CSE**, with the support of the Department of Computer Science and Engineering and the associated IEEE student chapters.

 Kurnool, Andhra Pradesh, India G93g+qc5, X-roads, Near, Neravada, Kurnool, Andhra Pradesh 518112, India Lat 15.504322° Long 78.37463° Monday, 17/08/2026 09:55 AM GMT +05:30	 Kurnool, Andhra Pradesh, India G93g+qc5, X-roads, Near, Neravada, Kurnool, Andhra Pradesh 518112, India Lat 15.504322° Long 78.37463° Monday, 17/08/2026 09:55 AM GMT +05:30
 Understand the concept, importance, and applications of virtual laboratories in engineering education.	 Improve conceptual clarity through interactive and technology-enabled learning.

M. Jayamma
Program Coordinator

Alumina
HCSE

Introduction

Objective

List of experiments

Target Audience

Course Alignment

Feedback

Python Programming Lab

1. Arithmetic Operations ☆☆☆☆☆

2. Built-in Functions ☆☆☆☆☆

3. Loops ☆☆☆☆☆

4. Data Types ☆☆☆☆☆

5. Strings ☆☆☆☆☆

6. Classes and Objects ☆☆☆☆☆

7. Built-in Modules ☆☆☆☆☆

8. Constructors and Inheritance ☆☆☆☆☆

9. File Operators ☆☆☆☆☆

Computer Science and Engineering > Python Programming Lab > Experiments

Aim

Theory

Pretest

Procedure

Simulation

Posttest

References

Feedback

Arithmetic Operations

What is the output of $2**3$?

- ☒ a: 6
☐ b: 12
☐ c: 8
☐ d: 18

What is answer of this expression, $10 \% 3$ is?

- ☒ a: 3.33
☐ b: 10
☐ c: 3
☐ d: 1

What is the output of this expression, $2**1**2*2**3$?

- ☒ a: 16
☐ b: 32
☐ c: 34

Virtual Labs: Feedback Form (Total No. of Experiments Performed)

1

Name: <u>D. Arif Vali</u>	Date: <u>17-08-2026</u>
Institute: <u>Santhiram Engineering college</u>	Faculty: _____ Student: ☒
Email: <u>25x51A05k6@srccnandyal.edu.in</u>	Class/Roll No: <u>11th Btech, CSE-D</u>
Phone: <u>6305053059</u>	Subject: <u>Python</u>

Details of first Lab:

Sr.No	Name of the Lab	Name of the Experiment	Does it work (Yes or No)	If No, what is the issue with it?
1	python programming lab	Arithametic operations		
2		Built-in functions		
3		Loops		
4		Data type		
5		Strings		
6		Classes and objects		
7		Built in Modules		
8		Constructors & Inheritance		
9		File operators		
10				

Details of second Lab:

Sr.No	Name of the Lab	Name of the Experiment	Does it work (Yes or No)	If No, what is the issue with it?
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

Details of third Lab:

Sr.No	Name of the Lab	Name of the Experiment	Does it work (Yes or No)	If No, what is the issue with it?
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				



1. Why and how often do you plan to use Virtual Labs?

I plan to use these virtual labs 3-4 times a week, especially before doing those bits. I feel very interesting.

2. Specify the problems or difficulties faced while performing the experiments.

- Difficulty in handling and operating laboratory instruments properly.
- Errors in measuring quantities, temperature, time or other parameters.
- Need for repeated trials to verify the results.

3. What are the most interesting things about the experiments?

The interesting thing is we can boost our brain, increase knowledge. Even it helps to answer each question which are in this programming lab. By doing more experiments like this we can enjoy a lot.

4. What are your suggestions about making them better?

It will be better to keep more than 5 bits and students will experience interest while doing those.

Signature: D. D. D.

Roll No: 25X5M05K6

Motivation Levels / Interest Levels on a 1-10 scale			
At the start	After 5 experiments	After 10 experiments	After 15 experiments
8/10	8/10	9/10	10/10

Virtual Labs: Feedback Form (Total No. of Experiments Performed)

1

Name: <u>kaveri</u>	Date: <u>17/8/26</u>
Institute: <u>Santhiram Engineering College</u>	Faculty: _____ Student: ☒
Email: <u>25X51A05BL5@sec.kanadua.edu.in</u>	Class/Roll No: <u>95X51A05L5</u>
Phone: <u>8121880292</u>	Subject: <u>python</u>

Details of first Lab:

Sr.No	Name of the Lab	Name of the Experiment	Does it work (Yes or No)	If No, what is the issue with it?
1	python programming lab	Arithmetic operators	yes	
2		Built-in Functions	yes	
3		loops	yes	
4		data types	yes	
5		strings	yes	
6		classes and objects	yes	
7		Built-in-modules	yes	
8		File operators	yes	
9				
10				

Details of second Lab:

Sr.No	Name of the Lab	Name of the Experiment	Does it work (Yes or No)	If No, what is the issue with it?
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

Details of third Lab:

Sr.No	Name of the Lab	Name of the Experiment	Does it work (Yes or No)	If No, what is the issue with it?
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

1. Why and how often do you plan to use Virtual Labs?

I plan to use virtual labs regularly about 2-3 times a week especially before and after performing physical laboratory experiments.

2. Specify the problems or difficulties faced while performing the experiments.

* Difficulty in handling and operating laboratory instruments properly.

* Need for repeated trials to verify the results.

3. What are the most interesting things about the experiments?

The interesting things about this experiments are productive learning, advanced topics and programs.

4. What are your suggestions about making them better?

It will be better to keep more than 5 questions and it makes students more excited to solve.

Signature: Kaveri

Roll No: 25X51A0515

Motivation Levels / Interest Levels on a 1-10 scale			
At the start	After 5 experiments	After 10 experiments	After 15 experiments
7/10	8/10	9/10	10/10

Virtual Labs: Feedback Form (Total No. of Experiments Performed)

1

Name: <u>M. Uma maheswari</u>	Date: <u>17-08-26</u>
Institute: <u>Santhiram engineering college</u>	Faculty: _____ Student: ☒
Email: <u>25X51A05M9@sec.nandyal.edu.in</u>	Class/Roll No: <u>25X51A05M9</u>
Phone: <u>9014156830</u>	Subject: <u>python</u>

Details of first Lab:

Sr.No	Name of the Lab	Name of the Experiment	Does it work (Yes or No)	If No, what is the issue with it?
1	python program lab	Arithmetic operations	yes	
2		Built-in functions	yes	
3		loops	yes	
4		Data type	yes	
5		strings	yes	
6		classes and objects	yes	
7		Built in modules	yes	
8		constructors & inheritance	yes	
9		file operators	yes	
10				

Details of second Lab:

Sr.No	Name of the Lab	Name of the Experiment	Does it work (Yes or No)	If No, what is the issue with it?
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

Details of third Lab:

Sr.No	Name of the Lab	Name of the Experiment	Does it work (Yes or No)	If No, what is the issue with it?
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

1. Why and how often do you plan to use Virtual Labs?

I plan to use these virtual labs 3-4 times a week, especially before and after doing those bits. I feel very interesting.

2. Specify the problems or difficulties faced while performing the experiments.

- Difficulty in handling and operating laboratory instruments properly
- Errors in measuring quantities, temperature, time or other parameters.
- Need for repeated trials to verify the results.

3. What are the most interesting things about the experiments?

The interesting thing is we can boost our brain, increase knowledge even it helps to answer each question which are in this program tab by doing more experiments like this we can enjoy a lot.

4. What are your suggestions about making them better?

It will be better to keep more than 5 bits and students will experience interest while doing those.

Signature: M. Uma Maheswari

Roll No: 25X51A05M9

Motivation Levels / Interest Levels on a 1-10 scale			
At the start	After 5 experiments	After 10 experiments	After 15 experiments
7/10	8/10	9/10	10/10

Virtual Labs: Feedback Form (Total No. of Experiments Performed)

1

Name: <u>mallisurxi</u>	Date: <u>14/8/26</u>
Institute: <u>Santhiram Engineering college</u>	Faculty: _____ Student: ☒
Email: <u>20x71605ko@srec nandyal.edu.in</u>	Class/Roll No: <u>5th B.Tech</u>
Phone: <u>9346143313</u>	Subject: <u>python</u>

Details of first Lab:

Sr.No	Name of the Lab	Name of the Experiment	Does it work (Yes or No)	If No, what is the issue with it?
1	python programming	Arithmetic operators	Yes	
2		Built in functions	Yes	
3		Loops	Yes	
4		Data types	Yes	
5		Strings	Yes	
6		Classes & objects	Yes	
7		Built in Modules	Yes	
8		Constructors & inheritance	Yes	
9		File operators	Yes	
10				

Details of second Lab:

Sr.No	Name of the Lab	Name of the Experiment	Does it work (Yes or No)	If No, what is the issue with it?
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

Details of third Lab:

Sr.No	Name of the Lab	Name of the Experiment	Does it work (Yes or No)	If No, what is the issue with it?
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

1. Why and how often do you plan to use Virtual Labs?

I plan to use virtual labs regularly about 2-3 times a week especially before and after performing physical laboratory experiments.

2. Specify the problems or difficulties faced while performing the experiments.

- * Difficulty in handling and operating laboratory instruments
- * Errors in measuring and other parameters.

3. What are the most interesting things about the experiments?

The interesting things about this experiments are productive learning, advanced topics and programs.

4. What are your suggestions about making them better?

It will be better to keep more than 5 questions and it makes students more excited to solve.

Signature: Mallikarjuna

Roll No: 25X51A0520

Motivation Levels / Interest Levels on a 1-10 scale			
At the start	After 5 experiments	After 10 experiments	After 15 experiments
6/10	7/10	8/10	9/10