



Department of Electronics & Communication Engineering

solicit your benign presence on the occasion of

Valedictory Ceremony

of

Three days' Workshop on

"Analog CMOS Integrated Circuit Design"

(14th -16th April, 2018)

on April 16, 2018 at 12:00 Noon

in the Computer Auditorium of the Institute

Prof. Shailendra Jain

Director, SLIET

has kindly consented to be the Chief Guest of the function

and

Prof. M B Bera

Dean (Academics)

&

Er. H S Jatana

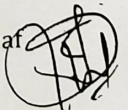
Scientist/Engineer 'G' SCL / ISRO, Dept of Space Mohali

will be the Guests of Honour

R.S.V.P

Organizing Committee of the WACICD

Programme Overleaf



INVITATION

Department of Electronics & Communication Engg. is going to organize three days workshop on **Analog CMOS Integrated Circuit Design** for faculty, staff and students of SLIET, Longowal during **14th -16th April, 2018 (Saturday, Sunday & Monday)** as per the details given below:

Venue – Computer Auditorium

Resource Persons: – Er. HS Jatana, Gr Head – Design & Process Group ; Er. Ashutosh Yadav, Sci/Engr 'E' DPG/VDD ; Er. Rajesh Srivastava, Sci/Engr 'D' DPG/VDD

The objective of this workshop is to provide comprehensive coverage of the basic concepts of analog integrated circuits and characteristics. It aims to provide an in-depth knowledge of analog design flow and Device Simulator/ cadence EDA tools.

Schedule

Day 1 (14th April, 2018):

Inauguration	Inauguration at 9:30 AM
LECT01	CMOS Process & Design Challenges in Current Technology
LECT02	Process Integration & Components available in Standard CMOS Technology
LECT03	MOS – Functionality, Models
LECT04	CMOS as a Switch – Issues, Challenges, Problems and remedies
LECT05	CMOS as Amplifier – Issues and Challenges
LAB01	Understanding and Using Device Simulator

Day 2 (15th April, 2018):

LECT06	Single MOS Tx Topologies – CS Configuration (issues in Tx sizes, I/p & O/p swings, lower node issues)
LECT07	CS Configuration – Frequency response. Effect of DSM technology nodes on freq response, effect of Ft and Fmax .
LECT08	Biasing techniques used in Chip Design
LECT09	Concept of Controlled Sources, significance, where, why and how used in chip design
LECT10	VCVS using MOS Tx
LAB02	Analog Design Flow ; Schematic Entry

Day 3 (16th April, 2018):

LECT11	CCCS using MoS Tx – Large signal analysis, Small signal analysis
LECT12	Current sources – relevance and used in chip design
LECT13	Voltage reference – concept, how to use in chip design
LAB03	Layout of Single Tx topology – meaning of DRC,LVS,PEX and its relevance
QUIZ	Brief Quiz of 25 minutes.
Valedictory Ceremony	3:00 PM onwards

Interested faculty, staff, research scholars and students are cordially invited to attend the same.

Convener : Dr. Jagpal Singh Ubbhi,
Professor (ECE)

Chairperson : Dr. Anupma Marwaha,
Professor & HOD (ECE)

Copy to:

- Director Cell: for information, please
- All Deans, for information, please
- HODs, with a request to circulate in the respective department

SIGNATURE OF STUDENT

S.NO.	TRADE	REGN NO	NAME OF STUDENTS	Morning	Afternoon
1	GEC	1640014	YASHVENDRA CHAUHAN	-X-	X
2	GEC	1640015	RITIKA NEGI	-X-	X
3	GEC	1640019	PULKIT AGGARWAL	-X-	X
4	GEC	1640024	NAVJOT JYOTI	Navjot Jyoti	Navjot Jyoti
5	GEC	1640033	UTTAM KUMAR	-X-	X
6	GEC	1640051	SHUBHAM KUMAR JHA	-X-	X
7	GEC	1640055	SHRISTI PRAKASH	Shristi Prakash	Shristi Prakash
8	GEC	1640056	PANIKAR	-X-	X
9	GEC	1640062	ATISH DEEPANKAR	Atish Deepankar	Atish Deepankar
10	GEC	1640086	RIA SHARMA	Ria Sharma	Ria Sharma
11	GEC	1640090	MUTYALA DEVENDRA VENKAT	-X-	X
12	GEC	1640092	ISHPREET KAUR	-X-	X
13	GEC	1640103	VARDIREDDY VASUDEVA REDDY	-X-	X
14	GEC	1640154	UBAIR ALI	-X-	X
15	GEC	1640157	MEHRAJ UD DIN TELI	MEHRAJ - DIAL	
16	GEC*	1640034	SUDHANSHU KUMAR	Sudhanshu Kumar	Sudhanshu Kumar
17	GEC*	1640052	SHEFALI GOYANKA	Shefali Goyanka	Shefali Goyanka
18	GEC	1730964	ASHIF REZA	-X-	X
19	GEC	1730981	KUMARI BEENA SINGH	Beena Singh	Beena Singh
20	GEC	1730982	ANJALI SINGH	X	X
21	GEC	1730983	ANSHU VERMA	Anshu Verma	Anshu Verma
22	GEC	1731015	MD SIKANDAR	X	X
23	GEC	1731538	JASLEEN KAUR	X	X
24	GEC	1731561	ANIRUDH GOEL	Anirudh Goel	Anirudh Goel
25	GEC	1731562	SHEKHAR KAPUR	Shekhar Kapur	Shekhar Kapur
26	GEC	1731564	AMAN RAJ	X	X
27	GEC	1731565	SHAHANWAZ AHMAD	X	X
28	GEC	1731566	AKANKSHA KUMARI	Akanksha Kumari	Akanksha Kumari
29	GEC	1731567	KESHAV ACHARYA	Keshav Acharya	Keshav Acharya
30	GEC	1731568	PRIKSHIT AWASTHI	X	X

(Signature)

NO. OF STUDENTS PRESENT:..... NO. OF STUDENTS ABSENT:..... SIGNATURE OF INVIGILATOR:

DEGREE-2016
VLSI workshop

(JEE MAIN) & LEET 2017

SIGNATURE OF STUDENT

S.NO.	TRADE	REGN NO	NAME OF STUDENTS	Morning	Afternoon
31	GEC	1731569	PRAJJWAL	X	X
32	GEC	1731570	RAVI SHANKAR KUMAR	Ravi Shankar Kumar	
33	GEC	1731571	AMARTYA PAUL	Amartya Paul	Amartya Paul
34	GEC	1731572	BHANU PRATAP AGGARWAL	X	X
35	GEC	1731573	ANAND VERMA	X	X
36	GEC	1731574	NITIN PILLAY	X	X
37	GEC	1731575	DIVYA JYOTI	Divya Jyoti	Divya Jyoti
38	GEC	1731576	BHAWNA PRASHER	X	X
39	GEC	1731577	PRIYA KUMARI	Priya Kumari	Priya Kumari
40	GEC	1731578	SONAM KUMARI	X	X
41	GEC	1731579	PARITOSH CHHABRA	Paritosh	Paritosh
42	GEC	1731580	MANMEET KAUR SAINI	X	X
43	GEC	1731581	AKANKSHA SINGH	Akanksha	Akanksha
44	GEC	1731582	ANU PRIYA BHARTI	Anupriya	Anupriya
45	GEC	1731583	PUSHKAR ANAND	Pushkar Anand	Pushkar Anand
46	GEC	1731584	AMRITA PRITAM	Amrita Pritam	Amrita Pritam
47	GEC	1731585	SACHIN KUMAR	Sachin Kumar	Sachin Kumar
48	GEC	1731586	ISHA KIRTI	Ishakirti	Ishakirti
49	GEC	1731587	SHWETA KUMARI	Shweta Kumari	Shweta Kumari
50	GEC	1731588	ARUN BHASKAR	Arun Bhaskar	Arun Bhaskar
51	GEC	1731589	HARSIMRAN KAIR	X	X
52	GEC	1731590	DIVYANSHU RANJAN	Divyanshu Ranjan	Divyanshu Ranjan
53	GEC	1731591	RAUSHAN KUMAR	Raushan Kumar	Raushan Kumar
54	GEC	1731592	SADHANA SHUKLA	Sadhana Shukla	Sadhana Shukla
55	GEC	1731593	PALLAVI RAJ	Pallavi Raj	Pallavi Raj
56	GEC	1731594	NISHU KUMARI	Nishu Kumari	Nishu Kumari
57	GEC	1731596	IRFAN KASMI	X	X
58	GEC	1731597	NEERAJ KUMAR	Neeraj Kumar	Neeraj Kumar
59	GEC	1731598	ROHIT KUMAR	X	X
60	GEC	1731599	MANISH KUMAR	X	X
61	GEC	1731600	SUMIT KUMAR	X	X
62	GEC	1731602	DEV RAJ	Devraj	Devraj
63	GEC	1731603	MANISH KUMAR	X	X
64	GEC	1731604	JAYRAM SINGH YADAV	X	X
65	GEC	1731605	SHALINI DHIMAN	X	X
66	GEC	1731606	POOJA PRIYAMBADA	X	X

NO. OF STUDENTS PRESENT: NO. OF STUDENTS ABSENT: SIGNATURE OF INVIGILATOR:



संत लौंगोवाल अभियांत्रिकी एवं प्रौद्योगिकी संस्थान
Sant Longowal Institute of Engineering and Technology
(Deemed-to-be-University, under MHRD, Govt. of India)



Cloud-based Simulation Practices for Advanced Virtual Labs using myTaraNG

The cloud based interactive simulation solution specially installed for effective blended learning during the pandemic. myTaraNG portal proven to be best fit in current situation

07 TH FEBRUARY 2021 | 6:00 PM

www.mytarang.com



Swapnil Gaul
Founder,
NUMEREGION



Madhura Barshikar
Application Engineer,
NUMEREGION

Coordinators



Dr. Surinder Singh
Head, ECE Department
SLIET Longowal



Dr. Anupma Marwaha
Professor, ECE Department
SLIET Longowal



Mr. Kuldip Singh
Asst. Prof, ECE Dept.
SLITE Longowal



Registration Link: <https://forms.gle/hCJkwnu1WkL1wbWv7>

Workshop Report

“3 Days workshop on Cloud Based Simulation Practices for Advanced Virtual Labs using My TaraNG ”

A three-day online workshop on, “**Cloud Based Simulation Practices for Advanced Virtual Labs using My TaraNG**” has been organized by the department of **Electronics & Communication Engineering** on 07/02/21 onwards with hands on practice sessions covered on 13/02/21 and 14/02/21 respectively for the postgraduate and undergraduate students of the Institute.

The main objective of this workshop was to provide hands on practices about cloud based interactive simulation tool specially installed for effective blended learning to graduate and post graduate students during the pandemic. No financial assistance was taken from the institute and no participation fee was charged from the participants for this workshop.

First day of workshop scheduled on 07/02/2021 covered sign up and sign in process, installation of connector and access of TaraNG simulation software installed on remote system and a demonstration of TaraNG simulation software for designing of different circuits and components.

Hands on sessions on virtual lab for postgraduate and undergraduate students were scheduled on 13th and 14th February, respectively.

Resource Person:

1. **Er. Swapnil Narhari Gaul:** Founder and Director | NUMEREGION, Delhi NCR
2. **Madhura Barshikar :** Application Engineer | NUMEREGION, Delhi NCR

Coordinators:

1. Dr. A Marwaha (Professor, ECE)
2. Kuldeep Singh (AP, ECE)





Sant Longowal Institute of Engineering & Technology

(Deemed to be University, Established by Govt. of India)

TEQIP-III Sponsored

Two Days Workshop

"Low and High Frequency Designs using TeraNG:19.0"

October 5-6, 2019

Organized by:

**Department of Electronics & Communication Engineering
Sant Longowal Institute of Engineering & Technology
Longowal Distt. Sangrur (Punjab), India**

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Workshop Report

“Low Frequency (LF) and High Frequency Design (HF) Using TaraNG:19.0”

Two-day workshop on, “Low Frequency (LF) and High Frequency Design (HF) Using TaraNG:19.0” is organized by the department of ECE Under TEQIP-III during 5th-6th October 2019 for the undergraduate students of the institute. First day of workshop covered the insight on circuit simulations i.e. **mathematical modelling** of electronics components and provided insight on how the simulation algorithms are developed. During this, hands-on session on **linear and non-linear circuits** are conducted. At the end of session **non ideal behavior** of the electronic systems and effect of parasitic are discussed. The second day of workshop demonstrated the need of 3D software for design of electronics systems and briefed on **EMI/EMC** issues, signal crosstalk and need of S Parameters analysis at higher frequency. Second day focused on **Antenna Design** with modelling and simulation of sets of antennas especially Wire Antennas. After the end of workshop, students will be able to learn how computers are solving the electronics designs and helping us in entire product life-cycle at industries. Also, students will be able to develop and code their own algorithms to solve electronics designs.

Resource Person:

Er. Swapnil Narhari Gaul: Founder and Director | NUMEREGION, Delhi NCR



Personal Details:

First Name of Applicant: Pankaj Kumar

Surname: Das

Title: Prof.

Gender: M

Institution: Sant Longowal Institute of Engineering & Technology (SLIET, Longowal)

Applicant's Mailing Address:

Er. Pankaj Kumar Das

Assistant Professor

Electronics & Communication Engg. Department,
Sant Longowal Institute of Engg. & Tech., Longowal.

Deemed University (Established by Govt. of India)

District: Sangrur (Punjab) 148106, India.

Telephone: 01672-253331

Mobile (if preferred): +919478214936

Fax: 01672-253117

E-mail: Pankaj.jkd@gmail.com

Name of the Event: Two Days Online Workshop on "Nanoelectronics & VLSI"

Date: February 11th – 12th, 2021

Venue: ECE Deptt. SLIET Longowal

Number of participants: 133

Types of Participants (i.e. academia, students, communities, government, etc.): Students

a. Please describe briefly the activities conducted as part of this grant (500 words).

Two Days Online Workshop has been conducted for UG and PG Students on "Nanoelectronics & VLSI" during February 11th -12th, 2021. Following experts of Academia has been delivered the experts talk:

1. **Dr. Praveen Prajapati**

Associate Professor, Department of ECE, A. D. Patel Institute of Technology, Gujarat

Topic: Basics of Design of Nano Antennas

2. **Dr. Pankaj Kumar Pal**

Assistant Professor Department of ECE, NIT Uttrakhand

Topic: Basics of Nanoelectronics and VLSI Design

3. **Er. Pankaj Kumar Das**

Assistant Professor, Department of Electronics & Communication Engineering, SLIET Longowal

Topic: Carbon Nanotube as Global VLSI Interconnects

4. **Er. Swapnil Gaul,**

Founder and Director Numergion Technology (OPC) PVT LTD, PUNE Maharashtra-411014

Topic: Advanced simulation based virtual lab: MyTaraNG Cloud

b. Was this event successful in achieving the intended objectives and how? (300 words)

After having rigorous brainstorming, it is observed that the workshop in question was conducted meticulously for the target group including UG and PG Students with the achievement of the following aims/objectives:

- ✓ Provided broad exposure to the participants about the various aspects of Nano-electronics & VLSI design.
- ✓ Enabled the participants in the field of Electronics and Communication Engineering to introspect and learn techniques that help them for active and successful participants in a knowledge society.
- ✓ Enhanced the student's effectiveness in learning and research in the field of nano-electronics & VLSI design, modeling and simulation of device and circuits.
- ✓ Enriched the knowledge of participants by exposing them to latest trends and dimensions in nano-electronics such as spintronics, GaN and SiC devices.

Provided interaction with experts, which helps the participants to initiate their research in recent area in VLSI.

c. Enlist the possibilities wherein the event could promote SICI in your organization? (100 words)

1. We can Sign MOU for collaborative research with the Canadian Universities/School
2. Short out the possibilities to organize Conference in collaboration with SICI.
3. Will encourage the students to participate in different programme announced by SICI time-to-time.

d. Please indicate future plans (if any) based on the experience of this event.

We could conduct Five-day Short-Term Course for faculty, Research Scholar, Industry Persons and Students.

e. Please provide your feedback (if any) on the SMDG grant.

I am thankful to SICI for awarding SMDG grant to me. While organizing the workshop it seems we need more money for successful conduction of programme. So, please increase the amount of SMDG Grant.

FINANCIAL REPORT

Note: Please Complete The Following Financial Report Detailing All Your Expenses As Part Of This Grant.

Description of items (expenses)	Amount
Remuneration to Experts Dr. Praveen Prajapati, AD Patel Institute, Gujarat	Rs. 5000/-
Remuneration to Experts Dr. Pankaj Kumar Pal, NIT Uttarakhand	Rs. 5000/-
Remuneration to Experts Er. Pankaj Kumar Das, SLIET Longowal	Rs. 5000/-
Remuneration to Experts Er. Swapnil Gaul, Director Numergion Technology	Rs. 5000/-
Total Expenses	Rs. 20,000/-
Funds received by the Shastri Institute	Rs. 20,000/- (Rs. 17000/- as an advance, Rs. 3000/- is due)

MoE/SICI Sponsored
(Online)
WORKSHOP
ON
Nanoelectronics & VLSI
(February 11- 12, 2021)



ORGANIZED BY
Sant Longowal Institute of Engineering & Technology
(Deemed to be University under MHRD, Govt. of India)
Longowal, Distt. Sangrur-148106
Punjab (India).

Course Coordinator
Pankaj Kumar Das
Electronics & Communication Engg.
Department,
Sant Longowal Institute of Engg. & Tech.,
Longowal.
Deemed to be University (Established by
Govt. of India)
District: Sangrur (Punjab) 148106, India.

INSTITUTE

Sant Longowal Institute of Engineering & Technology (SLIET), Deemed to be University, has been established and funded by MHRD, Government of India in 1991, to provide technical education in emerging areas of Engineering and Technology. The institute caters to the technical manpower requirements at various levels by adopting a concept of a modular system in imparting professional education with an emphasis on practical training in the industry. The study programmes include various courses at Integrated Certificate and Diploma, Degree, M.Tech & Ph.D levels in 11 departments of Engineering, Science and Technology. The Institute has come up beautifully in a sprawling green area of 451 acres, with many topographically featured picturesque landscape and presents spectacle of harmony and natural beauty, embedded with all the amenities required for a complete township.

LOCATION AND WEATHER

The Institute is located at Longowal village and is connected by road with Sangrur (18 km), Sunam (18 km), Barnala (30 km), Patiala (80 km), Ludhiana (110 km) and Chandigarh (150 km). The nearest railway stations are Sangrur (18 km), Sunam (18 km), Barnala (30 km) and Dhuri (35 km). The nearest airport is at Chandigarh. The month of February is winter season and temperature ranges from 20°C to 22°C.

SHASTRI INDO-CANADIAN INSTITUTE

The Shastri Indo-Canadian Institute is a binational organization that promotes understanding between India and Canada through academic activities and exchanges. The institute support the creation of binational links between academia, government, the business community and civil society organizations by funding research and hosting seminars. The Shastri Institute is funded by and partners closely with government bodies in both India and Canada. The Institute aims to achieve gender equality and reduce poverty by focusing programming on sustainable development and other United Nations Millennium Development Goals.

ABOUT THE WORKSHOP

Semiconductor devices are the basic building blocks of integrated chips (ICs). Due to the rapid development of semiconductor technology, the dimensions of the electronic devices are shrinking and the density of transistors have increased in the ICs which enables multiple features and functionalities in the electronic gadgets where energy, power, speed and area are the important design metrics. The proportionate change in the device dimensions in the nanometer regime also faces several challenges, worldwide. The nanoscale devices need quantum mechanics in order to model and understand the device behavior. Hence, this workshop will focus on various aspects of Nano-electronic devices and the possibility of circuits and system design.

EXPECTED OUTCOMES

In the current era of Nanoelectronics & VLSI semiconductor devices have been developed along with manufacturing technologies to improve the yield of semiconductor devices. The proposed workshop is planned for UG & PG students of the institute. After attending this workshop students have the broad exposure about the various aspect of Nano-electronics & VLSI Design from device level to low-power circuits & systems. Further, students can aware about the latest trends and dimensions in nano-electronics such as spintronics, GaN and SiC devices. Enabled the participants in the field of Electronics and Communication Engineering to introspect and learn techniques that help them for active and successful participants in a knowledge society. Enhanced the PG students' effectiveness in research and learning in the field of nano-electronics & VLSI design, modeling and simulation of device and circuits.

RESOURCE PERSONS

- 1) **Dr. Pankaj Kumar Pal**, Assistant Professor
Department of ECE, NIT Uttarakhand
- 2) **Dr. Praveen Prajapati**, Associate Professor,
Department of ECE, A. D. Patel Institute of
Technology, Gujarat
- 3) **Er. Pankaj Kumar Das**, Assistant Professor
Department of ECE, SLIET Longowal
- 4) **Er. Swapnil Gaul**, Founder and Director
Numergion Technology (OPC) PVT LTD,
PUNE Maharashtra-411014Praveen

REGISTRATION

The registration will be done online using the following link. The link is also available at <http://sliet.ac.in/>

Link for Registration:

<https://forms.gle/qff7QAvcM9BZ7Aof6>

No registration fees for the students from Indo-Canadian Institutes.

Course Contents

- Basics About Nanoelectronics
- Carbon Nanotubes Interconnect Design
- Nano antenna Design
- Challenges in Electronic System Design
- Recent Issues in VLSI Design
- Importance of Interconnects in System Design
- Importance and effective communication of e-Resources.

ELIGIBILITY:

The workshop is open to Degree and PG Students of the institute/ Indo-Canadian Institute.

The number of participants for the course is limited to sixty (60) on a first-come, first-serve basis.

MODE OF CONDUCTION

The workshop will be conducted on a suitable online platform. All the participants who will attend all the workshop will be issued e-certificates post successful verification of the attendance.

REGISTRATION

The registration will be done online using the following link. The link is also available at <http://sliet.ac.in/>

Link for Registration:

<https://forms.gle/qff7QAvcM9BZ7Aof6>

No registration fees for the students from Indo-Canadian Institutes.

IMPORTANT DATES

Last date for registration: February 10, 2021

Notification of selection: February 10, 2021

ADVISORY COMMITTEE

Chief Patron: *Prof. Shailendra Jain, Director
SLIET Longowal*

Patron: *Prof. Prachi Kaul, Director, SICI
Prof. A. S Arora, Dean (Academics)*

Chairman: *Prof. Surinder Singh,
HOD(ECE), SLIET Longowal*

SICI Member Representative: *Prof. Surita
Maini, SLIET Longowal*

Coordinator: *Er. Pankaj Kumar Das, SLIET
Longowal*

Address for correspondence

Coordinator:

Er. Pankaj Kumar Das, A.P. (ECE)

**Sant Longowal Institute of Engineering and
Technology, Longowal, Sangrur, Punjab-
148106**

Ph. No. 9478214936, 9463122255

E-mail.: pankajkdas@sliet.ac.in



***The Department of Electronics & Communication Engineering
Sant Longowal Institute of Engineering & Technology, Longowal***

***Solicit your benign presence on the occasion of
Inaugural Ceremony of the
MoE/SICI Sponsored Two Days Online Workshop
on
Nanoelectronics & VLSI***

***Prof. Shailendra Jain, Director, SLIET Longowal
has kindly consented to be the Chief Guest of the function***

R.S.V.P

Organizing Committee of the Programme

Inaugural Ceremony, February 11, 2021

<i>10:00-10:05 AM</i>	<i>Initiation of the inaugural ceremony of the online workshop, by Er. Pankaj Kumar Das, Programme Coordinator, SLIET, Longowal</i>
<i>10:05-10:10 AM</i>	<i>Welcome address by Prof. Surinder Singh, Chairman (Workshop), SLIET, Longowal</i>
<i>10:10-10:20 AM</i>	<i>Address by SICI Member representative</i>
<i>10:20-10:30 AM</i>	<i>Address by Dean (Academics) SLIET Longowal</i>
<i>10:30-10:40 AM</i>	<i>Address by Sponsor, Director, SICI</i>
<i>10:40-10:50 AM</i>	<i>Inaugural Address by the Chief Guest</i>
<i>10:50-10:55 AM</i>	<i>Vote of thanks by Er Pankaj Kumar Das, Coordinator (Workshop), SLIET, Longowal</i>

The event will be compered by Er Pankaj Kumar Das, AP (ECE).

**Attendance for MoE/SICI Sponsored 2-Day Workshop on
"Nanoelectronics & VLSI"**

Sno	Regno	Student	PROGRAM Type	2/11/2021	2/12/2021
1	1740621	SHUBHI SHARMA	UG	Present	Present
2	1740622	APURVA AKRITI	UG	Present	Present
3	1740627	NAVNEET KUMAR RATNAKAR	UG	Present	Present
4	1740630	MD. REYAZUDDIN	UG	Present	Absent
5	1740632	SUJAY KUMAR	UG	Present	Present
6	1740633	SACHIN KUMAR	UG	Present	Absent
7	1830281	UTKARSHA KUMARI	UG	Absent	Present
8	1830282	PRITY KUMARI	UG	Present	Present
9	1830283	MALVIKA ROY	UG	Present	Present
10	1830284	SNEHA JHA	UG	Absent	Absent
11	1830285	PRIYA PALLAVI	UG	Present	Present
12	1830286	MADHU KUMARI	UG	Present	Present
13	1830287	DEEP MALA	UG	Present	Present
14	1830288	SHARDA KUMARI	UG	Present	Present
15	1830289	SHUBHAM SINHA	UG	Present	Present
16	1830290	AJAY KUMAR	UG	Present	Present
17	1830291	HARSH RAJ	UG	Present	Absent
18	1830293	ATUL MOHAN JHA	UG	Present	Present
19	1830294	VIKARSH KUMAR RAO	UG	Present	Present
20	1830295	ABHIRAJ VERMA	UG	Present	Present
21	1830296	SATYAM KUMAR	UG	Present	Present
22	1830297	SOUJANYA KALITA	UG	Present	Present
23	1830298	PRANJAL GUPTA	UG	Present	Present
24	1830299	MANISH KUMAR JHA	UG	Present	Present
25	1830300	PRERNA	UG	Absent	Present
26	1830301	ADARSH SHUBHAM	UG	Present	Present
27	1830302	HARSH CHAURASIA	UG	Present	Present
28	1830303	ANKIT KUMAR	UG	Present	Present
29	1830304	ADARSH KARN	UG	Present	Present
30	1830305	BITTU KUMAR	UG	Present	Present
31	1830306	ANKIT KUMAR	UG	Present	Absent
32	1830307	PRAKALP SHARMA	UG	Present	Present
33	1830308	NITISH SURYAN	UG	Present	Present
34	1830310	NISHAR TIWARI	UG	Present	Present
35	1830389	SHER KHAN	UG	Present	Present
36	1830394	MD SALMAN	UG	Present	Present
37	1830851	NIDHI JHA	UG	Present	Present
38	1840074	N V RAGHAVENDRA	UG	Present	Present
39	1930074	SHUBHAM	UG	Present	Present
40	1930078	BHAVESH SINGH JADON	UG	Present	Present

Pankaj

41	1931501	SAKSHAM GOPAL SINGH	UG	Present	Present
42	1931502	SHWETANK RAMAN	UG	Present	Present
43	1931503	ALOK KUMAR	UG	Present	Present
44	1931504	ANSHU KUMAR	UG	Present	Present
45	1931505	SONU KUMAR	UG	Present	Present
46	1931506	RICHA RAI	UG	Present	Present
47	1931507	POOJA RANI	UG	Present	Present
48	1931508	VISHAL ANAND	UG	Present	Present
49	1931509	NIKHIL KUMAR CHAUDHARY	UG	Present	Present
50	1931510	SURUCHI	UG	Present	Present
51	1931511	SUVRADIP PAUL	UG	Present	Present
52	1931512	KUMAR SAURAV	UG	Present	Present
53	1931513	AVINASH	UG	Present	Present
54	1931514	SHREYA JHA	UG	Present	Present
55	1931515	RUPESH KUMAR THAKUR	UG	Present	Present
56	1931516	APARNA SHIVANI	UG	Present	Present
57	1931517	PRACHI JHA	UG	Present	Present
58	1931518	SALONI RANJAN	UG	Present	Present
59	1931519	SUMIT KUMAR	UG	Present	Present
60	1931520	SHIVANI JHA	UG	Present	Present
61	1931521	ANISH RAJ	UG	Present	Absent
62	1931522	SAUMYA SHREE	UG	Present	Present
63	1931523	GAURAV KUMAR	UG	Present	Present
64	1931525	PRACHI KUMARI	UG	Present	Present
65	1931526	DEEKSHA SHARMA	UG	Present	Present
66	1931527	MANPREET KAUR	UG	Present	Present
67	1931528	SUBHASH KUMAR	UG	Present	Present
68	1931529	AYUSH KUMAR SRIVASTAVA	UG	Present	Present
69	1931530	GOPAL SINGH SOLANKI	UG	Present	Present
70	1931531	AKSHAY KUMAR	UG	Present	Present
71	1931534	VIKAS KUMAR	UG	Present	Present
72	1840051	PRADHYUMAN JOSHI	UG	Present	Present
73	1840054	PRASHANT KUMAR	UG	Present	Present
74	1840059	UTKARSH YADAV	UG	Absent	Present
75	1840061	DHANESH KUMAR	UG	Present	Present
76	2050301	MOHAMMAD SALIM	PG	Present	Present
77	2050305	SUMIT KUMAR	PG	Present	Present
78	2050306	SHWETA KUMARI	PG	Present	Absent
79	1950053	VIVEK KUMAR	PG	Present	Present
80	1950054	ANCHAL	PG	Absent	Present
81	1840068	RAHUL CHAUDARY	UG	Present	Present
82	1840069	SAHARSH KUMAR	UG	Absent	Present
83	1840070	SAMEER RAJ	UG	Present	Present
84	1840071	PANKAJ KUMAR	UG	Present	Present
85	1840072	PRAVIN KUMAR	UG	Present	Present
86	1840073	AMRESH KUMAR	UG	Present	Absent

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**list of registered students for MoE/SICI Sponsored
2-Day Workshop on "Nanoelectronics & VLSI"**

Sno	Regno	Student	PROGRAM Type
1	1740621	SHUBHI SHARMA	UG
2	1740622	APURVA AKRITI	UG
3	1740627	NAVNEET KUMAR RATNAKAR	UG
4	1740630	MD. REYAZUDDIN	UG
5	1740632	SUJAY KUMAR	UG
6	1740633	SACHIN KUMAR	UG
7	1830281	UTKARSHA KUMARI	UG
8	1830282	PRITY KUMARI	UG
9	1830283	MALVIKA ROY	UG
10	1830284	SNEHA JHA	UG
11	1830285	PRIYA PALLAVI	UG
12	1830286	MADHU KUMARI	UG
13	1830287	DEEP MALA	UG
14	1830288	SHARDA KUMARI	UG
15	1830289	SHUBHAM SINHA	UG
16	1830290	AJAY KUMAR	UG
17	1830291	HARSH RAJ	UG
18	1830293	ATUL MOHAN JHA	UG
19	1830294	VIKARSH KUMAR RAO	UG
20	1830295	ABHIRAJ VERMA	UG
21	1830296	SATYAM KUMAR	UG
22	1830297	SOUJANYA KALITA	UG
23	1830298	PRANJAL GUPTA	UG
24	1830299	MANISH KUMAR JHA	UG
25	1830300	PRERNA	UG
26	1830301	ADARSH SHUBHAM	UG
27	1830302	HARSH CHAURASIA	UG
28	1830303	ANKIT KUMAR	UG
29	1830304	ADARSH KARN	UG
30	1830305	BITTU KUMAR	UG
31	1830306	ANKIT KUMAR	UG
32	1830307	PRAKALP SHARMA	UG
33	1830308	NITISH SURYAN	UG
34	1830310	NISHAR TIWARI	UG
35	1830389	SHER KHAN	UG
36	1830394	MD SALMAN	UG
37	1830851	NIDHI JHA	UG
38	1840074	N V RAGHAVENDRA	UG
39	1930074	SHUBHAM	UG
40	1930078	BHAVESH SINGH JADON	UG

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41	1931501	SAKSHAM GOPAL SINGH	UG
42	1931502	SHWETANK RAMAN	UG
43	1931503	ALOK KUMAR	UG
44	1931504	ANSHU KUMAR	UG
45	1931505	SONU KUMAR	UG
46	1931506	RICHA RAI	UG
47	1931507	POOJA RANI	UG
48	1931508	VISHAL ANAND	UG
49	1931509	NIKHIL KUMAR CHAUDHARY	UG
50	1931510	SURUCHI	UG
51	1931511	SUVRADIP PAUL	UG
52	1931512	KUMAR SAURAV	UG
53	1931513	AVINASH	UG
54	1931514	SHREYA JHA	UG
55	1931515	RUPESH KUMAR THAKUR	UG
56	1931516	APARNA SHIVANI	UG
57	1931517	PRACHI JHA	UG
58	1931518	SALONI RANJAN	UG
59	1931519	SUMIT KUMAR	UG
60	1931520	SHIVANI JHA	UG
61	1931521	ANISH RAJ	UG
62	1931522	SAUMYA SHREE	UG
63	1931523	GAURAV KUMAR	UG
64	1931525	PRACHI KUMARI	UG
65	1931526	DEEKSHA SHARMA	UG
66	1931527	MANPREET KAUR	UG
67	1931528	SUBHASH KUMAR	UG
68	1931529	AYUSH KUMAR SRIVASTAVA	UG
69	1931530	GOPAL SINGH SOLANKI	UG
70	1931531	AKSHAY KUMAR	UG
71	1931534	VIKAS KUMAR	UG
72	1840051	PRADHYUMAN JOSHI	UG
73	1840054	PRASHANT KUMAR	UG
74	1840059	UTKARSH YADAV	UG
75	1840061	DHANESH KUMAR	UG
76	2050301	MOHAMMAD SALIM	PG
77	2050305	SUMIT KUMAR	PG
78	2050306	SHWETA KUMARI	PG
79	1950053	VIVEK KUMAR	PG
80	1950054	ANCHAL	PG
81	1840068	RAHUL CHAUDARY	UG
82	1840069	SAHARSH KUMAR	UG
83	1840070	SAMEER RAJ	UG
84	1840071	PANKAJ KUMAR	UG
85	1840072	PRAVIN KUMAR	UG
86	1840073	AMRESH KUMAR	UG

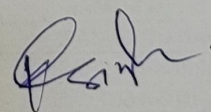
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**Attendance for 3 days Online workshop on "Cloud Based Simulation Practices
for Advanced Virtual Labs using My TaraNG"**

Sno	Regno	Student	PROGRAM _Type	07-02-2021	13-02-2021	14-02-2021
1	1740601	SIMRANJEET SINGH	UG	Present	Present	Absent
2	1740602	KRISHAN BALDEV KAKOYIA	UG	Present	Present	Present
3	1740607	YASHO VARDHAN SHARMA	UG	Present	Present	Present
4	1740610	SHASHANK SINGH	UG	Present	Absent	Present
5	1740612	VIBHANSHU RAJ	UG	Present	Present	Present
6	1740617	KRISHN KANT VIMAL	UG	Present	Absent	Present
7	1740620	ABHISHEK KUMAR	UG	Absent	Present	Present
8	1740621	SHUBHI SHARMA	UG	Present	Present	Present
9	1740622	APURVA AKRITI	UG	Present	Present	Present
10	1740627	NAVNEET KUMAR RATNAKAR	UG	Absent	Absent	Present
11	1740630	MD. REYAZUDDIN	UG	Present	Present	Present
12	1740632	SUJAY KUMAR	UG	Present	Present	Present
13	1740633	SACHIN KUMAR	UG	Present	Present	Present
14	1830281	UTKARSHA KUMARI	UG	Present	Present	Present
15	1830282	PRITY KUMARI	UG	Present	Present	Absent
16	1830283	MALVIKA ROY	UG	Present	Present	Present
17	1830284	SNEHA JHA	UG	Present	Absent	Present
18	1830285	PRIYA PALLAVI	UG	Present	Present	Present
19	1830286	MADHU KUMARI	UG	Present	Present	Present
20	1830287	DEEP MALA	UG	Present	Present	Present
21	1830288	SHARDA KUMARI	UG	Present	Present	Present
22	1830289	SHUBHAM SINHA	UG	Present	Present	Present
23	1830290	AJAY KUMAR	UG	Present	Present	Present
24	1830291	HARSH RAJ	UG	Present	Present	Present
25	1830293	ATUL MOHAN JHA	UG	Absent	Present	Present
26	1830294	VIKARSH KUMAR RAO	UG	Present	Present	Present
27	1830295	ABHIRAJ VERMA	UG	Present	Present	Present
28	1830296	SATYAM KUMAR	UG	Present	Present	Absent
29	1830297	SOUJANYA KALITA	UG	Present	Present	Present
30	1830298	PRANJAL GUPTA	UG	Present	Present	Present
31	1830299	MANISH KUMAR JHA	UG	Present	Absent	Present
32	1830300	PRERNA	UG	Present	Present	Present
33	1830301	ADARSH SHUBHAM	UG	Present	Present	Present
34	1830302	HARSH CHAURASIA	UG	Present	Present	Present
35	1830303	ANKIT KUMAR	UG	Present	Present	Present
36	1830304	ADARSH KARN	UG	Present	Present	Present
37	1830305	BITTU KUMAR	UG	Present	Present	Present
38	1830306	ANKIT KUMAR	UG	Present	Present	Absent
39	1830307	PRAKALP SHARMA	UG	Present	Present	Present
40	1830308	NITISH SURYAN	UG	Present	Present	Present
41	1830310	NISHAR TIWARI	UG	Present	Present	Present
42	1830389	SHER KHAN	UG	Present	Present	Present
43	1830394	MD SALMAN	UG	Present	Present	Present
44	1830851	NIDHI JHA	UG	Present	Present	Present
45	1840074	N V RAGHAVENDRA	UG	Present	Present	Present
46	1930074	SHUBHAM	UG	Present	Present	Present
47	1930078	BHAVESH SINGH JADON	UG	Present	Present	Present

**Attendance for 3 days Online workshop on "Cloud Based Simulation Practices
for Advanced Virtual Labs using My TaraNG"**

Sno	Regno	Student	PROGRAM _Type	07-02-2021	13-02-2021	14-02-2021
48	1931501	SAKSHAM GOPAL SINGH	UG	Present	Present	Present
49	1931502	SHWETANK RAMAN	UG	Present	Present	Present
50	1931509	NIKHIL KUMAR CHAUDHARY	UG	Present	Present	Present
51	1931510	SURUCHI	UG	Present	Present	Present
52	1931511	SUVRADIP PAUL	UG	Present	Present	Present
53	1931512	KUMAR SAURAV	UG	Present	Present	Absent
54	1931513	AVINASH	UG	Present	Present	Present
55	1931514	SHREYA JHA	UG	Present	Present	Present
56	1931515	RUPESH KUMAR THAKUR	UG	Present	Present	Present
57	1931516	APARNA SHIVANI	UG	Present	Present	Present
58	1931517	PRACHI JHA	UG	Present	Present	Present
59	1931518	SALONI RANJAN	UG	Present	Present	Present
60	1931519	SUMIT KUMAR	UG	Present	Present	Present
61	1931520	SHIVANI JHA	UG	Present	Absent	Present
62	1931521	ANISH RAJ	UG	Present	Present	Absent
63	1931522	SAUMYA SHREE	UG	Present	Present	Present
64	1931523	GAURAV KUMAR	UG	Present	Present	Present
65	1931525	PRACHI KUMARI	UG	Present	Present	Present
66	1931528	SUBHASH KUMAR	UG	Present	Present	Absent
67	1931529	AYUSH KUMAR SRIVASTAVA	UG	Present	Present	Present
68	1931530	GOPAL SINGH SOLANKI	UG	Present	Present	Present
69	1932013	KUMAR VAIBHAV	UG	Present	Present	Present
70	1932025	RAUSHAN KUMAR	UG	Present	Present	Present
71	1932027	AWANISH SHARMA	UG	Present	Present	Present
72	1932028	PUSHKAR KUMAR SINGH	UG	Present	Present	Present
73	1932034	PRACHI VATS	UG	Present	Present	Absent
74	1932036	SMITA KUMARI	UG	Absent	Present	Present
75	1933551	KM PRIYANKA SINGH	UG	Present	Present	Present
76	2050301	MOHAMMAD SALIM	PG	Present	Present	Present
77	2050305	SUMIT KUMAR	PG	Present	Present	Absent
78	2050306	SHWETA KUMARI	PG	Present	Absent	Present
79	1950053	VIVEK KUMAR	PG	Present	Present	Present
80	1950054	ANCHAL	PG	Absent	Present	Present



**List of Registered students for 3 days Online
workshop on "Cloud Based Simulation Practices
for Advanced Virtual Labs using My TaraNG"**

Sno	Regno	Student	PROGRAM_Type
1	1740601	SIMRANJEET SINGH	UG
2	1740602	KRISHAN BALDEV KAKOYIA	UG
3	1740607	YASHO VARDHAN SHARMA	UG
4	1740610	SHASHANK SINGH	UG
5	1740612	VIBHANSHU RAJ	UG
6	1740617	KRISHN KANT VIMAL	UG
7	1740620	ABHISHEK KUMAR	UG
8	1740621	SHUBHI SHARMA	UG
9	1740622	APURVA AKRITI	UG
10	1740627	NAVNEET KUMAR RATNAKAR	UG
11	1740630	MD. REYAZUDDIN	UG
12	1740632	SUJAY KUMAR	UG
13	1740633	SACHIN KUMAR	UG
14	1830281	UTKARSHA KUMARI	UG
15	1830282	PRITY KUMARI	UG
16	1830283	MALVIKA ROY	UG
17	1830284	SNEHA JHA	UG
18	1830285	PRIYA PALLAVI	UG
19	1830286	MADHU KUMARI	UG
20	1830287	DEEP MALA	UG
21	1830288	SHARDA KUMARI	UG
22	1830289	SHUBHAM SINHA	UG
23	1830290	AJAY KUMAR	UG
24	1830291	HARSH RAJ	UG
25	1830293	ATUL MOHAN JHA	UG
26	1830294	VIKARSH KUMAR RAO	UG
27	1830295	ABHIRAJ VERMA	UG
28	1830296	SATYAM KUMAR	UG
29	1830297	SOUJANYA KALITA	UG
30	1830298	PRANJAL GUPTA	UG
31	1830299	MANISH KUMAR JHA	UG
32	1830300	PRERNA	UG
33	1830301	ADARSH SHUBHAM	UG
34	1830302	HARSH CHAURASIA	UG
35	1830303	ANKIT KUMAR	UG
36	1830304	ADARSH KARN	UG
37	1830305	BITTU KUMAR	UG

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38	1830306	ANKIT KUMAR	UG
39	1830307	PRAKALP SHARMA	UG
40	1830308	NITISH SURYAN	UG
41	1830310	NISHAR TIWARI	UG
42	1830389	SHER KHAN	UG
43	1830394	MD SALMAN	UG
44	1830851	NIDHI JHA	UG
45	1840074	N V RAGHAVENDRA	UG
46	1930074	SHUBHAM	UG
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48	1931501	SAKSHAM GOPAL SINGH	UG
49	1931502	SHWETANK RAMAN	UG
50	1931509	NIKHIL KUMAR CHAUDHARY	UG
51	1931510	SURUCHI	UG
52	1931511	SUVRADIP PAUL	UG
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55	1931514	SHREYA JHA	UG
56	1931515	RUPESH KUMAR THAKUR	UG
57	1931516	APARNA SHIVANI	UG
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59	1931518	SALONI RANJAN	UG
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65	1931525	PRACHI KUMARI	UG
66	1931528	SUBHASH KUMAR	UG
67	1931529	AYUSH KUMAR SRIVASTAVA	UG
68	1931530	GOPAL SINGH SOLANKI	UG
69	1932013	KUMAR VAIBHAV	UG
70	1932025	RAUSHAN KUMAR	UG
71	1932027	AWANISH SHARMA	UG
72	1932028	PUSHKAR KUMAR SINGH	UG
73	1932034	PRACHI VATS	UG
74	1932036	SMITA KUMARI	UG
75	1933551	KM PRIYANKA SINGH	UG
76	2050301	MOHAMMAD SALIM	PG
77	2050305	SUMIT KUMAR	PG
78	2050306	SHWETA KUMARI	PG
79	1950053	VIVEK KUMAR	PG
80	1950054	ANCHAL	PG

P. Singh