

Sant Longowal Institute of Engineering and Technology (Deemed to be University, Under MoE, Govt. of India) Longowal, Sangrur, Punjab, India



SLIET Students' Chapter of Institute of Engineers (I) of Electronics and Communication Engineering Department is going to Organize a Webinar

Coordinator Faculty Advisor



May S

nar Prof. (Dr.) J.S. Ubhi

on

"VLSI Physical Design for 5G and Beyond" (06-October-2021), Time 5:30 PM (IST)



Samuel Jigme Harrison
(Senior Digital IC Design Engineer)
ST Microelectronics, Singapore



Link for the Registration:

https://docs.google.com

/forms/d/e/1FAIpQLSctg

Ek3cckS7WXfN-

dn55A1dJipC6BU3kI7y5Z

v9HBdaYoNOQ/viewfor

m?vc=0&c=0&w=1&flr=

Eligibility for Registration:

B.Tech / Ph.D. Faculty and Industry person

te o Registi ion 04/1

Only registered Participants can get E-Certificate with provision of 100% attendance. Maximum limit of Participants is 100 on the basis of first come first serve.

Link for Webinar: https://meet.go ogle.com/mui-

owjs-djb

0 1.1/

Six Weeks Online Summer Internship program

Recent Trends of RF Technology

(Simulation and Fabrication)
June 21- July 30, 2021



Organized By

Department of Electronics and Communication Engineering Sant Longowal Institute of Engineering & Technology (Deemed to be University Under MoE, Government of India)

Longowal -148106, Dist. Sangrur (Punjab)

Chief Patron

Patron

Chairman

Prof. Shailendra Jain Director, SLIET

Prof. A. S. Arora Dean (Academics)

> Prof. Surinder Singh HOD (ECE)

Coordinators

Dr. Kundan Kumar Er. Alka Singla Assistant Professor Assistant Professor

Contact Persons:

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Er. Alka Singla, Assistant Professor (+91-9988526425)
Department of Electronics and Communication Engineering
Sant Longowal Institute of Engineering and Technology, Longowal
Sangrur, Punjab, 148106, India

E-Mail: kundankumar@sliet.ac.in, alkasingla@sliet.ac.in

ABOUT THE INSTITUTE



Sant Longowal Institute of Engineering & Technology (SLIET), Deemed to be University, has been established and funded by MoE, 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 programs include various courses at certificate, diploma, B.E. M.Tech. and Ph.D. levels in different branches of engineering and technology. The institute has a sprawling area of 451 acres of land. Surrounded by lush green land, the campus of the institute extends a beautiful and well-developed area with many topographically featured picturesque landscape.

INSTITUTE VISION

SLIET shall strive to act as an international podium for the development and transfer of technical competence in academics through formal and non-formal education, entrepreneurship, and research to meet the changing need of society.

INSTITUTE MISSION

- Non formal, flexible, modular, multipoint entry programmes in engineering and technology and in the areas like rural development, educational planning, information and management sciences.
- Education and training in modern technology areas
- Promotion of self-development among the students.
- Extension services to industry working population, passed-out students, social organizations and institutions of research and higher learning.
- Close interface with the industry to conduct research on the basis of manpower requirements leading integrated educational planning curriculum development and instructional material preparation in technology and interdisciplinary areas.

Online QIP-AICTE Sponsored Short Term Course

Recent Trends of Microwave and Photonics Technology: 5 G and Beyond

December 06 - December 11, 2021





(Deemed to be University Under MoE, Government of India) Department of Electronics and Communication Engineering Sant Longowal Institute of Engineering & Technology Longowal -148106, Dist. Sangrur (Punjab)

SPONSORED BY



All India Council for Technical Education (AICTE), New Delhi, India Prof. Surinder Singh HOD (ECE)

Quality Improvement Programme

Prof. Shailendra Jain Chief Patron Director, SLIET Prof. J. S. Dhillon Dean (Academics)

Dr. Kundan Kumar Er. Vipul Singhal Assistant Professor Assistant Professor My Coordinators

Contact Persons:

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ABOUT THE INSTITUTE



University, has been established and funded by MoE, Government of India in Sant Longowal Institute of Engineering & Technology (SLIET), Deemed to be a professional education with an emphasis on practical training in the industry. various levels by adopting a concept of a modular system in imparting Technology. The institute caters to the technical manpower requirements at 1991, to provide technical education in emerging areas of Engineering and M.Tech. and Ph.D. levels in different branches of engineering and technology. area with many topographically featured picturesque landscapes. green land, the campus of the institute extends a beautiful and well-developed The institute has a sprawling area of 451 acres of land. Surrounded by lush The study programs include various courses at certificate, diploma, B.E.

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- · Close interface with the industry to conduct research on the basis of manpower requirements leading integrated educational planning curriculum disciplinary areas. development and instructional material preparation in technology and inter-

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E	pankaj.jkd@gmall.com	P K Das	Faculty	SLIET Longowal

Four Weeks Institutional/Industrial Training program

Advance Communication Technologies

July 01- July 28, 2022



Organized By

(Deemed to be University Under MoE, Government of India) Department of Electronics and Communication Engineering Sant Longowal Institute of Engineering & Technology Longowal -148106, Dist. Sangrur (Punjab)

Coordinator(s)

Dr. Kundan Kumar **Assistant Professor**

Assistant Professor Er. Vipul Singhal

Dr. Kundan Kumar, Assistant Professor (+91-9608576776) Sant Longowal Institute of Engineering and Technology, Longowal Sangrur, Er. Vipul Singhal, Assistant Professor (+91-9988526425) Department of Electronics and Communication Engineering E-Mail: kundankumar@sliet.ac.in, vipulsinghal@sliet.ac.in Punjab, 148106, India

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संत लोंगोवाल अभियांत्रिकी एवं प्रौद्योगिकी संस्थान, लोंगोवाल, जिला-संगरूर, पंजाब-148106 (भारत सरकार, मा.स.वि.म. के अधीन समविश्वविद्यालय) Sant Longowal Institute of Engineering and Technology Longowal, District-Sangrur, Punjab – 148106 Deemed-to-be-University under MHRD, Government of India)

संदर्भ सं/Ref. No. SLIET/Acad./PG/2020/ 4795-98

दिनांक/Date: 24-2-2020

OFFICE ORDER

The competent authority has approved for conduct of following Short Term Courses (STCs) ONLINE under Quality Improvement Program (QIP), AICTE as per details given against each:

Department	STC Title / Name	Duration	Organizers
EIE & ECE	STC on Computational Techniques in Image and Signal Processing	28.09.2020 to 03.10.2020	Patron: Prof. Shailendra Jain, Director Co-Patron: Prof. A.S. Arora Convener: Prof. Sanjay Marwaha : Prof. Surinder Singh Coordinators: Sunil Kumar Bansal : Er. Vivek Harshey
EIE	STC on e-Course on 'Energy Efficient Practices in Industries:	02.11.2020 to 07.11.2020	Patron in Chief :Prof. Shailendra Jain Director Patron : Prof. A.S. Arora, Dean (A) Chairman : Prof. Sanjay Marwaha Coordinator : Prof. Surita Maini : Dr.Charanjiv Gupta
EIE	STC on Recent Advances in Affordable and Clean Energy (RAACE- 2020) – A Roadmap to SDG 7	14.09.2020 to 19.09.2020	Patron in Chief : Prof. Shailendra Jain Director Chairman : Prof. Sanjay Marwaha, Coordinator : Dr.Manpreet Manna : Dr.Charanjiv Gupta
EIE	Future for Industrial Automation	05.10.2020 to 10.10.2020	Coordinators : Dr. Pratibha Tyagi : Dr. Ashwani Aggarwal
ECE	Recent Trends in Electronics & Communication Engineering (RTECE-2020)	07.12.2020 to 11.12.2020	Patron in Chief: Prof. Shailendra Jain, Director Chairman: Dr.Surinder Singh Coordinator: Dr Amar Pratap Singh, :Er.Pankaj Kumar Dass,

...Continued



अखिल भारतीय तकनीकी शिक्षा परिषद्

(भारत भरकार का एक गांविधिक निकाय) (भारत भसत्वन शिकार भश्रालय, भारत सरकार) वेन्यन महेला मार्ग असत नहां नई निक्सी 110020

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

(A Stafulory Body of the Govt of India) (Ministry of Human Resource Development, Govt of India) Nelson Mandela Marg, Vasant Kunj, New Delhi-110070

Fhone 011-26131577 - 78, 80 011-29581000

Website www.aicte-india.org Col. B. Venkat Director (FDC)

E-mail: director.fdcaaicte-india.org

Mob. No. 8130255472

F.No.RIFD/QIP/Govt/Engg/2012-13

Dated 23.07.2020

To,

All QIP Centers

Sub:-For information of AICTE approved QIP Centers which receive grants for conducting STCs under QIP scheme of AICTE.

Sir.

This is in reference to grants released by AICTE under QIP against budget proposals for 2019 20 for conduct of STCs. It is observed that due to present circumstances of ongoing pandemic of COVID-19, most of Institutes are facing difficulties in organizing and conducting STCs. In this regard, it is to inform that all such institutes, which have already received grants for conducting STCs through prevailing contact mode, are allowed to conduct STCs through online mode subject to following conditions:

(i) The Institute will be allowed to adjust the grants received at following rates:

а	Honoroom Week (SIX DAYS) STC	6
	Honorarium for Coordinator	Rs. 2000 00
b.	Honorarium to experts	Rs. 78000.00
c.	Provision for payment to lab attendant engaged during lab practices	Rs. 3000.00
d	miscellaneous charge	Rs. 10000.00
	Total for each STCs	Rs 93000.00

	(B) Rates for Two Week (2 x SIX DAYS) STC	
a.	Honorarium for Coordinator	Rs. 2000.00
b.	Honorarium to experts	Rs. 1,70 000.00
C	Provision for payment to lab attendant engaged during lab practices	Rs. 1000.00
d.	miscellaneous charge	Rs. 10000.00
	Total for each STCs	Rs 1,86,000.00

Contd.





SHASTRI MEMBERSHIP DEVELOPMENT GRANT (SMDG) 2020-21

Persona	i Details:
First Na	mo of Anni

First Name of Applicant: Pankaj Kumar

Surname: Das

Title: Prof.

Gender: M

THE ASSESSMENT OF THE ROTTERS

Institution: Sant Longowal Institute of Engineering & Technology

(SLIET, Longowal)

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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



TEQIP III



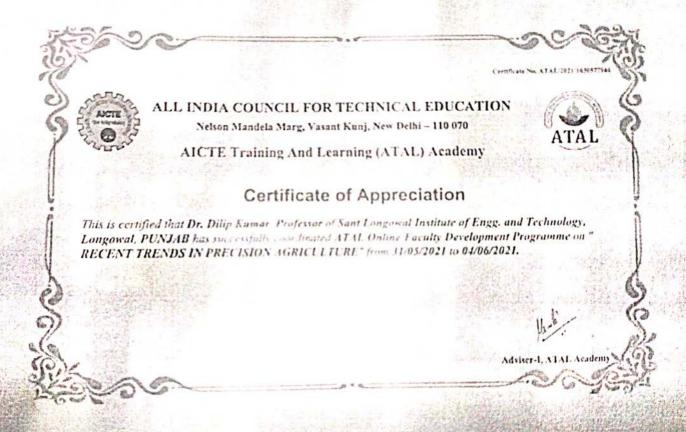
Online Short Term Course on Recent Trends in Wireless Communication (RTWC-2020)
20 – 24 July, 2020

CERTIFICATE OF APPRECIATION

This is to certify that *Dr. Dilip Kumar* of *SLIET*, *Longowal* has contributed as *Convener* in five days Online Short Term Course on "Recent Trends in Wireless' Communication (RTWC-2020)" sponsored by TEQIP-III under Twinning activities with SLIET Longowal and organized by Department of Electronics Engineering, NIT Uttarakhand from 20 – 24 July, 2020

Prof. S. L. Soni Director, NIT Uttarakhand

S.A. Solar

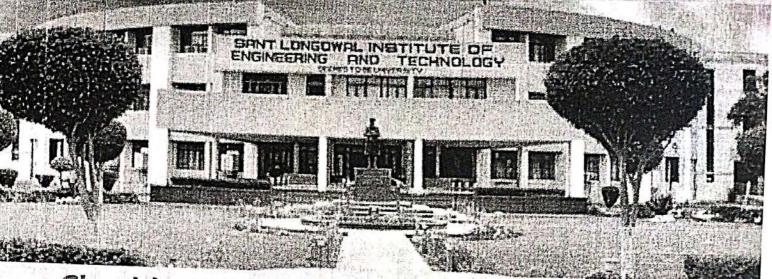


5.4.



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

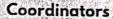
www.mytarang.com



Swapnil Gaul Founder, NUMEREGION



Dr.Surinder Singh Head, ECE Department SLIET Longowal





Dr.Anupma MarwahaProfessor, 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. Kuldip Singh (AP, ECE)







AICTE-QIP Sponsored

Six Days Online Short-Term Course (STC) on Computational Techniques in Image and Signal Processing (Sep 28 – Oct 3, 2020)

jointly organized by

Department of Electronics & Communication Engineering

de

Department of Electrical & Instrumentation Engineering, SLIET Longowal

Program Schedule

	<u>Program Schedule</u>
	Sep 28, 2020
09:45 AM to 10:25 AM	Inauguration
	Speaker: Dr. Ram Bilas Pachori
10:30 AM to 12:00 PM	Professor, Department of Electrical Engineering, IIT Indore
	Topic: Time-Frequency Analysis
	Speaker: Dr. Amar Pratap Singh
12:15 PM to 01:45 PM	Professor, Department of Electronics & Communication Engg, SLIET, Longowal
	Topic: Introduction to Swarm Intelligence
	Sep 29, 2020
	Speaker: Dr. Tapan Kumar Gandhi
09:30 AM to 11:00 AM	Associate Professor, Department of Electrical Engineering, IIT Delhi
	Topic: Computational Neuroscience
	Speaker: Dr. Puneet Gupta
11:15 AM to 12:45 PM	Assistant Professor, Department of CSE, IIT Indore
	Topic: Heart Rate Estimation Using Non-Contact Face Videos
	Sep 30, 2020
15	Speaker: Dr. Partha Pratim Roy
09:30 AM to 11:00 AM	Associate Professor, Department of CSE, IIT Roorkee
	Topic: EEG acquisition and Its Applications
	Speaker: Dr. Surinder Singh
11:15 AM to 12:45 PM	Professor, Department of Electronics & Communication Engg, SLIET, Longowal
No	Topic: Optical Signal Processing
	Oct 1, 2020
	Speaker: Dr. Hariharan Muthusamy
09:30 AM to 11:00 AM	Associate Professor, Department of Electronics Engg, NIT Uttarakhand
	Topic: Algorithms for Feature Selection Problems
	Speaker: Dr. Ajat Shatru Arora
11:15 AM to 12:45 PM	Professor, Department of Electrical & Instrumentation Engineering, SLIET, Longowa
(1,157114 to 12,15114	Topic: Role of Liveness Detection In Biometrics
	Oct 2, 2020
WHEN THE PARTY OF	Speaker: Dr. Amit M Joshi
00 00 4M to 11.00 4M	Assistant Professor, Department of ECE, MNIT Jaipur
19:30 AM to 11:00 AM	Topic: Real-Time Video Watermarking for Authentication
TO THE SECOND PROPERTY OF THE SECOND PROPERTY	Speaker: Dr. Sanjay Marwaha
1:15 AM to 12:45 PM	Professor, Department of Electrical & Instrumentation Engineering, SLIET, Longowo
	Topic: Computational Electromagnetics in Medical Application

Report of STC Conducted Under AICTE OIP scheme

1. Name of the Department: Department of Electronics & Communication Engineering

&. Department of Electrical & Instrumentation Engineering

2. Title of Program:

Computational Techniques in Image and Signal Processing

3. Name of Coordinator:

Er Vivek Harshey (ECE) & Er. Sunil K Bansal (EIE)

4. Duration (Dates):

Sep 28 - Oct 3, 2020

5. Day wise schedule:

Attached

6. Details of Experts/Keynote Speakers:

Name of Experts with Designation	Organization	No. of Lectures Delivered/Hou rs
Dr. Ram Bilas Pachori, Professor	IIT Indore	01
Dr. Amar Pratap Singh, Professor	SLIET, Longowal	01
Dr. Tapan Kumar Gandhi, Associate Professor	IIT Delhi	01
Dr. Puneet Gupta, Assistant Professor	IIT Indore	01
Dr. Partha Pratim Roy, Associate Professor	IIT Roorkee	01
Dr. Surinder Singh, Professor	SLIET, Longowal	01
Dr. Hariharan Muthusamy, Associate Professor	NIT Uttarakhand	01
Dr. Ajat Shatru Arora, Professor	SLIET, Longowal	01
Dr. Amit M Joshi, Assistant Professor	MNIT Jaipur	01
Dr. Sanjay Marwaha, Professor	SLIET, Longowal	01
Er. Vivek Harshey, Assistant Professor	SLIET, Longowal	01
Or. Vikas Mittal, Associate Professor	NIT Kurukshetra	01
Er. Sunil K Bansal, Assistant Professor	SLIET, Longowal	01
	Dr. Ram Bilas Pachori, Professor Dr. Amar Pratap Singh, Professor Dr. Tapan Kumar Gandhi, Associate Professor Dr. Puneet Gupta, Assistant Professor Dr. Partha Pratim Roy, Associate Professor Dr. Surinder Singh, Professor Dr. Hariharan Muthusamy, Associate Professor Dr. Ajat Shatru Arora, Professor Dr. Amit M Joshi, Assistant Professor Dr. Sanjay Marwaha, Professor Er. Vivek Harshey, Assistant Professor Dr. Vikas Mittal, Associate Professor	Dr. Ram Bilas Pachori, Professor Dr. Amar Pratap Singh, Professor Dr. Tapan Kumar Gandhi, Associate Professor Dr. Puneet Gupta, Assistant Professor Dr. Partha Pratim Roy, Associate Professor Dr. Surinder Singh, Professor Dr. Hariharan Muthusamy, Associate Professor Dr. Ajat Shatru Arora, Professor Dr. Amit M Joshi, Assistant Professor Dr. Sanjay Marwaha, Professor Dr. Sanjay Marwaha, Professor Dr. Vikas Mittal, Associate Professor

7. Details of Participants:

(a) No. of participants:

External	109
Internal	21
Total	130*

Details list of participants is attached.

8. Expenditure Details: (In Rs.)

S. No.	Head	Expenditure
1.	Honorarium to Resource Persons	65,000.00
2.	Honorarium to Course Coordinators	2,000.00
3	Contingency and Consumables and Misc.	13500.00
3	Total	80500.00*

^{*} Subject to clearance from account section.



^{*} registration fee - Nil.

Speech signal analysis

- Finds application in diverse settings,
- Shown great promise in biomedical and life science applications.

New equipment and methodologies-

- facilitating diagnosis,
- severity assessment,
- monitoring disease progression and
- * evaluating treatment response.

Speech signals

- Recorded under highly controlled acoustic conditions, hinders recruitment and monitoring of the population at large
- * Recorded under non-controlled acoustic conditions (using the internet, speech signals are collected on massive scales. smart phone apps, or the telephone network) pose new challenges as

Exciting new applications

- Assessment of early vocal pathologies,
- Assessificate of early vocal barrieroBres,

K

- Assessment of neurodegenerative and mental disorders,
- communication and professional use of voice (e.g. singing).









A Short-Term Course on

Nano-electronics & VLSI: Devices, Circuits and Systems November 04th - 08th, 2019

CERTIFICATE OF APPRECIATION

Electronics Engineering, NIT Uttarakhand during November 4th – 8th, 2019. III under twinning activities with SLIET Longowal and organized by Department of Course on "Nano-electronics & VLSI: Devices, Circuits and Systems", sponsored by TEQIP-Comm. Engineering, SLIET Longowal has contributed as Convener of Five-days Short-Term This is to certify that Er. Pankaj Kumar Das, Asst. Professor, Department of Electronics &



Head, ECE Deptt.



Director, NIT Uttarakhand

SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY सत लाँगोवाल अभियांत्रिकी एवं प्रौद्योगिकी संस्थान

(भारत सरकार, मा. स. वि. म. के अधीन, मम विश्वविद्यालय)

(Deemed-to-be University under MHRD, Government of India)

लौंगोवाल - १४८१०६. संगरूर (पजाब) भारत

Longowal -148106. Sangrur (Punjab) India

TEOIP-III

Sponsored Workshop

"Low and High Frequency Designs using TaraNG:19.0"

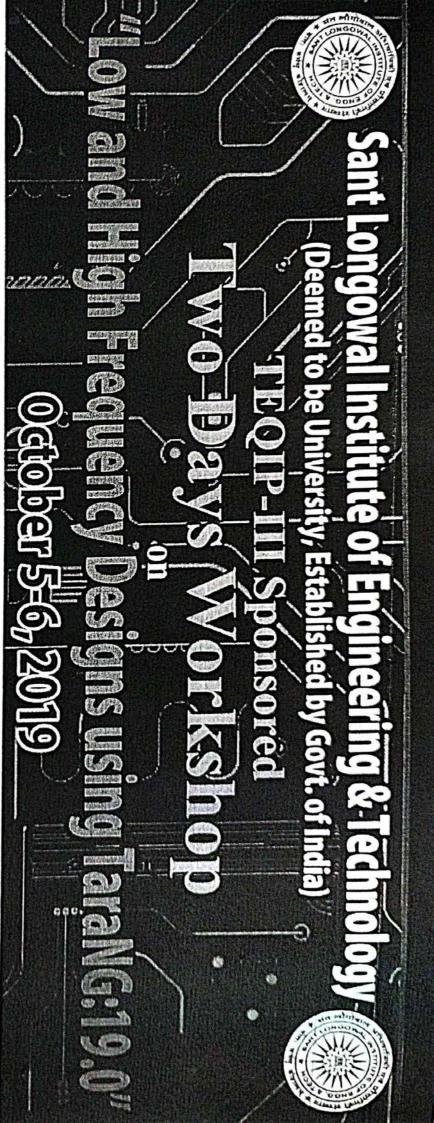
CERTIFICATE

Electronics and Communication Engineering, SLIET, Longowal during October 05-06, 2019, workshop on "Low and High Frequency Designs using TaraNG:19.0" organized by Department of This is to certify that Er, Kuldip Singh, AP (ECE) was Coordinator of TEQIP-III sponsored two days

Co-Coordinator Toward of the state of the stat

Coordinator

Head of Department



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





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



Antenna Design through Simulation using TaraNG 19.1

SUNDAY JUNE 14, 2020 05:00 PM



Speaker **SWAPNIL GAUL** Founder | Director NUMEREGION



WEBNAR

Registraton Link www.numeregion.com/webinar/sliet/

Co-ordinators



Contact us: Mr. Swapnil Gaul +91 8390240903



Dr. Anupma Marwaha Professor & Head, Dept. of ECE, SLIET



Kuldip Lohchab Assistant Professor, Dept. of ECE, SLIET

*Participation e-Certificate to all Participants

www.numeregion.com



The state of the s

TEQIP-III SPONSORED
Short Term Training Programme
on

"Recent Trends in Electronics & Communication Engineering" (RTECE-2018)

(September 24-28, 2018)



ORGANIZED BY:

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING,

SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY, (Deemed-to-be-University, established by MHRD, GOI) LONGOWAL-148106, DISTRICT SANGRUR (PUNJAB), INDIA

http://www.sliet.ac.in

ABOUT SLIET

Society and registered under Societies Registration Act, 1860. This Institute has Technology Sant Longowal Institute of Engineering & various amenities required area of 451 acres, with many topographically come up beautifully in a sprawling green Government of India and controlled by SLIET departments of Engineering, Science and Technology. It caters to the technical qualified manpower for self-employment. entry multi exit pattern of education in township. It offers unique modular, multi featured development. manpower requirements at various levels in Degree, M. Tech. & Ph. D. levels in 11 courses at Integrated Certificate and Diploma, The study programmes include various Technology, to prepare the skilled and natural beauty, embedded with all the presents technical education with emphasis Industries/Institutions industrial training and entrepreneurship picturesque spectacle (SLIET) is a Deemed-to-beestablished by MHRD, branches of Engineering & for a complete of harmony and by landscape imparting and

LOCATION AND WEATHER

The Institute is located at Longowal village and is connected by road with Sangrur (18 km), Barnala (30km), Patiala (80km), Ludhiana (110km) and Chandigarh (150km). The nearest railway stations are Sangrur (18 km), Sunam (18km), Barnala (30km) and Dhuri (35 km). The nearest airport is at Chandigarh. The month of September is end of rainy season with pleasant weather. The temperature in September ranges from 25 degree Celsius to 35 degree Celsius.

THE DEPARTMENT

Ph. D. Programme in the discipline of Post Graduate (M.Tech.) courses as well as Engineering. The Department has highly Electronics Programme, Undergraduate (B. Tech.) and Integrated Certificate & Diploma (ICD) Communication undertaken vigorously. A number of research projects sponsored by qualified faculty and the same is actively different external agencies are also being involved in quality teaching and research. Department Engineering of Electronics Communication

ABOUT THE COURSE

The considerably during the past three decades. communication systems has and effort required for analysis and design, communication systems increases the time communication systems. had significant impact on implementation of hardware for digital signal processing has technologies such as inexpensive high-speed growth in complexity of electronics and The emergence of a variety of new the design be done in a timely, cost the need to insert new technologies into effective and effort free manner. commercial products quickly requires that complexity of electronics

COURSE OBJECTIVES

- participants about the various aspects of Electronics and Communication Engineering.
- To enable the participants in the field of Electronics and Communication Engineering to introspect and learn techniques that can help them for active and successful participants in a knowledge



Department of Electronics & Communication Engineering solicit your benign presence on the occasion of Valedictory Ceremony

of

Three days' Workshop on

"Analog GMOS Integrated Circuit Design"

(14th -16th April, 2018)

on April 16, 2018 at 12:00Noon

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)

&

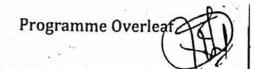
Er. H S Jatana

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

will be the Guests of Honour

R.S.V.P

Organizing Committee of the WACICD



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)	
LECTO7	CS Configuration – Frequency response. Effect of DSM technology nodes on freq response, effect of Ft and Fmax.	
LECT08	Biasing techniques used in Chip Design	
LECTO9	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.

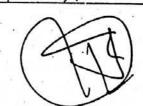
Convener: Dr. Jagpel Singh Ubhi, Professor (ECE) Chairperson : Dr. Anuþma Marwaha, Professor & HOD (ECE)

Copy to:

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

- 1			
	SIGNATURE	OF STL	IDENT

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s.no.	TRADE	REGN NO	NAME OF STUDENTS	Morning	Afternoon
1	GEC	1640014	YASHVENDRA CHAUHAN	-4-	7
2	GEC	1640015	RITIKA NEGI	- ×-	×
3	GEC	1640019	PULKIT AGGARWAL	-x-	×
4	GEC	1640024	ITOYL TOLVAN	Nay ot Jyoti	Navjot Jyott
5	GEC	1640033	UTTAM KUMAR	- ×	× ×
6	GEC	1640051	SHUBHAM KUMAR JHA	- of	× .
7	GEC	1640055	SHRISTI PRAKASH	Shoisti Prake	19h Shroish Prokach
. 8	GEC	1640056	PANIKAR		T. X
9	GEC	1640062	ATISH DEEPANKAR	KHIX Out W	Afishand
10	GEC	1640086	RIA SHARMA	hia snaling	
11	GEC	1640090	MUTYALA DEVENDRA VENKAT	-	X
12	GEC	1640092	ISHPREET KAUR		×
13	GEC	1640103	VARDIREDDY VASUDEVA REDDY	1 -x	×
14	GEC	1640154	UBAIR ALI		×
15	GEC	1640157	MEHRAJ UD DIN TELI	MEHRAT-DIN	
16	GEC*	1640034	SUDHANSHU KUMAR	Sudhanshuka	Sudhanshmlanar
17	GEC*	1640052	SHEFALI GOYANKA	Substantia	Que liloyata
18	GEC	1730964	ASHIF REZA	-v	X
19	GEC	1730981	KUMARI BEENA SINGH	a come singh	Quena Singh
20		1730982	ANJALI SINGH	1, 7	×
21	GEC	1730983	ANSHU VERMA	angle vaema	Anster vacama
22	GEC	1731015	MD SIKANDAR	X	×
23	GEC	1731538	JASLEEN KAUR	×	×
24	GEC.	1731561	ANIRUDH GOEL	Anjough	Aurinola
25		1731562	SHEKHAR KAPUR	Shebitar Sahuz	SMOT July
_		1731564	AMAN RAJ	1	×
27		1731565	SHAHANWAZ AHMAD	K .	×
8	GEC	1731566	AKANKSHA KUMARI	Flancefor Kemeri	
9	GEC	1731567	KESHAV ACHARYA	Keshar Achar	Keshan Ach
0	GEC :	1731568	PRIKSHIT AWASTHI	X	X



DEGREE-2016 VLSI workshop

(JEE MAIN) & LEET 2017

SIGNATURE OF STUDEN

s.NO.	TRADE	REGN NO	NAME OF STUDENTS	Morning	Afternoon
31	GEC	1731569	PRAJJWAL	X	X
32	GEC	1731570	RAVI SHANKAR KUMAR	Pauishantar turner	
33	GEC	1731571	AMARTYA PAUL	*Apault	Apoult
34	GEC	1731572	BHANU PRATAP AGGARWAL	K	×
35	GEC	1731573	ANAND VERMA	K	X
36	GEC	1731574	NITIN PILLAY	2 .	×
37	GEC	1731575	DIVYA JYOTI	Dinya Systi	plupa Ayoti
38	GEC	1731576	BHAWNA PRASHER	X	X
39	GEC	1731577	PRIYA KUMARI	Prtya Kumuni	Just Kumani
40	GEC	1731578	SONAM KUMARI	198	X
41	GEC	1731579	PARITOSH CHHABRA	Poritor.	Paritar.
42	GEC	1731580	MANMEET KAUR SAINI	· X	X
43	GEC	1731581	AKANKSHA SINGH	AKanksho=	Akanksha=
44	GEC	1731582	ANU PRIYA BHARTI	Anupriya	Anupuiya
45	GEC	1731583	PUSHKAR ANAND	Distres ones	Pushko Ale
46	GEC	1731584	AMRITA PRITAM	Amrita Pritan	Amrita Pritan
47	GEC	1731585	SACHIN KUMAR	Sachagemas	Sachinghungs
48	GEC	1731586	ISHA KIRTI	Thakitik	Shakuti
49	GEC	1731587	SHWETA KUMARI	. Thedickowai	
50	GEC	1731588	ARUN BHASKAR	Arun Bhasker	Arun Charley
51	GEC	1731589	HARSIMRAN KALIR	X	X
52	GEC	1731590	DIVYANSHU RANJAN	Diyonsha Rawan	Diylonshu Ranjon
53	GEC	1731591	RAUSHAN KUMAR	Rungkon Kunner	
54	GEC	1731592	SADHANA SHUKLA	Ladhana Shurle	Spallana Shuke
55	GEC	1731593	PALLAVI RAJ	Callavi Raj	Pallavi Raj
56	GEC	1731594	NISHU KUMARI	Dis hu human	
57	GEC	1731596	IRFAN KASMI	X	X
58	GEC	1731597	NEERAJ KUMAR	Naura Aug	Newsky.
59	GEC	1731598	ROHIT KUMAR	x	X (
60	GEC	1731599	MANISH KUMAR	N.	X
61	GEC	1731600	SUMIT KUMAR	X	X
62	GEC	1731602	DEV RAJ	Devrai	Bervaj
63	GEC	1731603	MANISH KUMAR	K	X
64	GEC	1731604	JAYRAM SINGH YADAV	K	X
65	GÉC	1731605	SHALINI DHIMAN	K	X
66		1731606	POOJA PRIYAMBADA	X	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\

Programme Valedictory Ceremony

April 16, 2018

Arrival of Guests	12:00Noon
Kulgeet	12:02PM
Welcome Address by Prof. A Marwaha, Chairman, WACICD	12:07PM
About the workshop by Prof. J S Ubhi, Convener, WACICD	12:15PM
Address by Prof. M B Bera, Dean (Academics)	12:25PM
Address by Er. H S Jatana	12:35PM
aledictory Address by Chief Guest, Prof. Shailendra Jain	12:45PM
Distribution of certificates/ facilitation	12:55PM
ote of Thanks	1:05PM
ational Anthem	



Sr.	'Name	Registration No.	5
1.	PULKIT SINGHAL	GEC [121826	Volcof R
2.	Muni Rasjas	4EC 1121427	- Kyuli Raya
3	Shiwani	OEC/12/1732	Shervan
4.	Manisto Ray	GEC/121741	Manish By
5	Ramandup Kaw,	GEC /121712	Ramandub
6.	Avjali Garg	GEC/ 121601	Auch
1	Amit Josh	hec/121124	Haugrer
(3)	Sewarjali.	GEC/12/735	Senjala
(9)	Priyonka Jindal	Gec 1121509	Pru'yanis
10	Shivani	GEC/121512	Shimi
0	· Stronger Solnika	aec 12134	Jun Sur
12	ShikhaGulerla	4EC /121717 (Chillana.
-(3)	Shilki Singh	GEC/121734	She
	Swabli Ranjan	480/12/1445	Banan.
1-15	Ankur Meena	Gec/ 1540085	Ruker mouna
16.		GFC/121425	Raf.
17.	Rohan Singh Chauhan	GEC/SL/15/4219	Poly
18	Shripa you	GEC 1880551	Or.
19.	Sonalier	Gec / 15400 80	Louder
20	Tejas Somani	Gee 15400 83	Sy.
29	Peyush Rangian	aec 1540081	Type Row
22	VINAY KUMAR	GEC/15/4209	Airay Kumas
23	Chirageen'	GEC. (1540077	Dochu
24.	Bnjkishor	460/1540076	By 16 sur
	- W		141
1			

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List of students for Workshop on Analog CMOS Integrated Circuit Design during 14th-16th April:

£.	·		
Sr. NO	Name	Registration No.	Sign.
1.	Rapul Rey	481-1630003	Rapul Per
20	shirani	9-11-1630036	Ramie Regi
3.	Priya	GEC-1630033	Pul
4.	Bhauna Sharma	986-1680021	Phous
.5	SAKSHAM SOOD	GEC-1630020	Sakel
B.	Anchal	9EC/1630072	Anchel
7	Shirani	960/1630048	Barow!
8.	Pulak	GEC(1630073	Pelak
9 .	Snight Kares	QEC/16300 47	Sid
10	Avinash Thalive.	GEC/ 1630 106	Burn
11_	Rajesh-Verma.		Bulm
12	Coulin sono	GEC11630166	cum,
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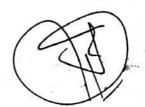
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Cic		1	10

10111/6	
Name	Registration no
r. Kitika Negi	1640015
. Navjol	1640054
3. Sudhanshu Kumar	1640034
. CHubham Kumai Jha	1640051
s. shefali loyanka	1640052
in Shristi Prakash	16400 55
Kia sharma	1640086
s. Ishpreel Kaul	1640092
i, Menraj ud-din Teli	1640157
10. Ashif Reza	1-730 964
11. Kumari Beena singh	1320981
12. Anfali singh	1730982
120 Ansho Verma	1-330 9 8 3
M. Anziudh Moel	1731561
15. Shekhar Kapur	1731567
16. Aman Raj	1731564
17. AKANKSHA Kumari	1731566
18. Keshav Acharya	1731267
19. Amartya Paul	1731571
20. Akantcha singh	1731581
21. Amrita Pritam	1731584
2200 Sarhin Kumar	1731585
230 9sha Kirli	1731586
74. Shorta Kumari	1731567
75. Arun Bhackar	8821861
260 Divyanshu	1731590
27. Sadhana shukla	1731597
280 Pallavi Raj	17 31593
29. Nishu kumali	1731594
30.	00

VLSI workshop

SEMESTER:....

S.No.	TRADE	REGN NO NAME	NAME OF STUDENTS	SIGNATURE OF	STUDENT
3.140.	,	incon, ito		Morning Session	Afternon session
30	GEC	1630074	AKSHAY	X	
31	GEC	1630076	NARINDER SINGH	× .	
32	GEC	1630100	RINKI GUPTA	×	
33	GEC	1630106	AVINASH THAKUR	Ringle	
34	GEC	1630156	PRABHJOT KAUR	- X	
35	GEC	1630166	RAJESH VERMA	Roll	
36	GEC	1630168	SAURAV ĶUMAR	. ~	
37	GEC	1630174	GUNIN BORO	×	
38	GEC	1630221	SHILPA VYAS	×	
39	GEC	GEC121124	AMIT JOSHI	×	
40	GEC	GEC121425	RISHAV RAJ	Υ	-4:1-7
<i>J</i> 41	GEC	GEC121427	AYUSHI RANJAN	Mustipanja.	Harry and
142	GEC	GEC121445	SURABHI RANJAN	Bayan	garlar.
43	GEC	GEC121446	SAMEER KUMAR JHA	, K	,
44	GEC	GEC121509	PRIYANKA JINDAL	Phyanko Jirda	
45	GEC	GEC121512	SHIVANI		seivau
46	GEC	GEC121534	SIMRAN SRINIKA		Simash
47	GEC	GEC121601	ANJALI GARG	X	
48	GEC	GEC121712	RAMANDEEP KAUR	Ramandup Kaus	Ramondup
49	GEC	GEC121717	SHIKHA GULERIA		3m poste
50	GEC		SHIWANI	Shewart	Shivari
52	GEC		SHILPI SINGH	Shillpi single	Shelps
52	GEC	GEC121735	SEWANJALI	1 2 2	ewam
53	GEC		MANISH RAJ	Marish Raj	Manishixa
54	GEC		KUMAR ABHISHEK		
55	_	GEC121744	DIVYANSHI	River ort	while
56	GEC	GEC121826	PULKIT SINGHAL	Notice of the state of the stat	w Chi



SIGNATURE OF INVIGILATOR:

S.No.	Workshop Name	Roll No.	Signature	of Student
3.140.		PGECE-16	Morning Session	Afternoon session
1	RAHUL SINGH	1654001	Rahul Sing	Rahuldi
2	KUMAR GAURAV SUMAN	1654002	£	A Surano
3	GURDEEP KAUR	1654003	lump bour	
4 .	MANINDER KAUR	1654004	- ∤ <u> </u>	- * -
5	KALAKOLA ARUN	1654005	4+	H
6	KOMAL KHADOTRA	1654006	Komel	Komal
7	BIKASH CHANDRA SAHOO	1654007	The said	The state of
8	UJALA CHOUDHURY	1654008	yale.	Ji ala
9	VISHAL SHARMA	1654009	15/	112
10	NEHA SHARMA	1654011	Nella	Meha
11	POOJA RANI	1654012	Bush	

1554013

1654014

PRASHANT BHARDWAJ

KRISHNAMURTI RAI

12

13



DEGREE-2016 VLSI workshop (JEE MAIN) & LEET 2017

SIGNATURE OF STUDENT

				SIGNATURE OF STOD	F
S.NO	. TRADI	REGN NO	NAME OF STUDENTS	Morning	Afternoon
1	GEC	1640014	YASHVENDRA CHAUHAN		
2	GEC	1640015	RITIKA NEGI		
3	GEC	1640019	PULKIT AGGARWAL		
4	GEC	1640024	NAVJOT JYOTI	Nay jot Jyon	Noviot Tok
5	GEC	1640033	UTTAM KUMAR	17.00	1,50
6	GEC	1640051	SHUBHAM KUMAR JHA		
7	GEC	1640055	SHRISTI PRAKASH	Shristi Prakash	Shristi Balor
8	GEC	1640056	PANIKAR	-	
9	GEC	1640062	ATISH DEEPANKAR	AHMENRY	AFMO JAN
10	GEC	1640086	RIA SHARMA	711.0	111111111111111111111111111111111111111
11	GEC	1640090	MUTYALA DEVENDRA VENKAT		***************************************
12	GEC	1640092	ISHPREET KAUR		
13	GEC	1640103	VARDIREDDY VASUDEVA REDDY		6
14	GEC	1640154	UBAIR ALI		
15	GEC	1640157	MEHRAJ UD DIN TELI		_
16	GEC*	1640034	SUDHANSHU KUMAR	Suchanslike	e. Lind his
1.7	GEC*	1640052	SHEFALI GOYANKA	Shefali Goyank	
18	GEC	1730964	ASHIF REZA	Sugar Glosam	soulon water
19	GEC	1730981	KUMARI BEENA SINGH	Beene Tingh	XIII C. I
20	GEC	1730982	ANJALI SINGH	- June June	Micena Singh
21	GEC	1730983	ANSHU VERMA	Influ raama	Anshu was
2 .	GEC	1731015	MD SIKANDAR	The mama	Angher vover
3	GEC	1731538	JASLEEN KAUR		
4	GEC	1731561	ANIRUDH GOEL	1 windle	dist
5	GEC	1731562	SHEKHAR KAPUR	Chroly	duiruelle
6	GEC	1731564	AMAN RAJ	000000	Shiller Deluce
7	GEC	1731565	SHAHANWAZ AHMAD		
В	GEC	1731566	AKANKSHA KUMARI	Aharkeler Kemoni	RV . Val a 14
9	GEC :	1731567	KESHAV ACHARYA	KeoharAch	Allowete Kin
)	GEC :	1731568	PRIKSHIT AWASTHI	The state of the s	
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Registration/Attendance Sheet PG 2017 batch,	Registration/Attendance	Sheet	PG	2017	batch	, :
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/LSI workshop			Signature of Student		
.NO.	ROLL NO.	NAME	Morning	Afternoon	
1	17540 <u>01</u>	VISHU GOYAL	Come	Cott	
2	1754002	GARIMA JAISWAL	Conno	Carina	
3	1754003	SAMPURNANAND DWIVEDI	Donpuran	Sampur	
4	1754004	ARUN KAMAL SINGH	3-grents	3-154 AZ	
5	1754005	HARSHITA SHARMA	facilia	flawhites	
6	1754006	MANISH PRAKASH	Mich	Marie	
7	1754007	SHIVANI SHARMA	Silvari	Shivani Sharr Depulier	
8	1754008	DEEPSHIKHA PRIYADARSHI	definida.	Depthiler	
9	1754009	JAY DIP MATHUR.	mathur	Smathy .	
10	1754010	BHUPESH KUMAR	X	×	
11	1754011	TARANVIR SINGH	X	×	
12	1754012	ABHIRUCH! SRIVASTAVA	X	X	
13	1754013	ASHMEET KAUR	Ashmeet	Ashneet	
14	1754014	BEERPAL KAUR	X	*	
15	1754015	RITTU BALA	×	**	

			1	SIGNATURE OF STU	JENI .	
S.NO.	TRADE	REGN NO	NAME OF STUDENTS	Morning	Afternoon	
31	GEC	1731569	PRAJJWAL	1	 	
32	GEC	1731570	RAVI SHANKAR KUMAR		**************************************	
33	GEC	1731571	AMARTYA PAUL	Apault	Shaut	
34	GEC	1731572	BHANU PRATAP	1	/** /	
1 (250)			AGGARWAL			
35	GEC	1731573	ANAND VERMA			
36	GEC	1731574	NITIN PILLAY			
37	GEC	1731575	DIVYA JYOTI			
38	GEC	1731576	BHAWNA PRASHER	Elawing Tosshel		
39	GEC	1731577	PRIYA KUMARI	Priya Kunat		
40	GEC	1731578	SONAM KUMARI		Priya kum m	
41	GEC	1731579	PARITOSH CHHABRA	Paritais.	Paritan-	
42	GEC	1731580	MANMEET KAUR SAINI	/	Vibalia	
43	GEC	1731581	AKANKSHA SINGH	AKanksha	AKanksha	
44	GEC	1731582	ANU PRIYA BHARTI	Anupuiya	Anupaliya	
45	GEC	1731583	PUSHKAR ANAND	Pushka	Pushkar.	
46	GEC •	1731584	AMRITA PRITAM	Amrita Pritam		
47	GEC	1731585	SACHIN KUMAR	Baching invas	factury were	
48	GEC	1731586	ISHA KIRTI	Ishariti	Makirty.	
49	GEC	1731587	SHWETA KUMARI	Shoota Kura	Shoota Kon	
50	GEC	1731588	ARUN BHASKAR	Arun Bhokaz	Amy Bhacker	
51	GEC	1731589	HARSIMRAN KAUR	1		
52	GEC	1731590	DIVYANSHU RANJAN	Diyarshu Ranjon	Diyonshu Romion	
53	GEC	1731591	RAUSHAN KUMAR	Roughas keemal	Rawler bime	
54	GEC	1731592	SADHANA SHUKLA	Ladhana Shulla	Goolhang Shake	
55	GEC	1731593	PALLAVI RAJ	Ballavi Raj	Pallavi Roj	
56	GEC	1731594	NISHU KUMARI	Nipluc kumos	N/8 hu huma	
57	GEC	1731596	IRFAN KASMI			
58	GEC	1731597	NEERAJ KUMAR	Nevaffel.	Nevalar .	
59	GEC	1731598	ROHIT KUMAR	1 1		
60	GEC	1731599	MANISH KUMAR			
61	GEC	1731600	SUMIT KUMAR			
52	GEC	1731602	DEV RAJ	Landox		
53	GEC	1731603	MANISH KUMAR			
54	GEC	1731604	JAYRAM SINGH YADAV			
55	GEC	1731605	SHALINI DHIMAN	/		
6	GEC	1731606	POOJA PRIYAMBADA	Booja		