



A
Report on
ONE WEEK TRAINING PROGRAMME FOR TECHNICAL ASSISTANTS
On
“Lab fundamentals, Maintenance and Virtualization”

Jointly Organized by

Department of Electronics & Communication Engineering and
SKIT-ISTE student chapter, SKIT Jaipur
18th -23rd July, 2022

Coordinators:

Prof Mukesh Arora, HoD, ECE, SKIT, Jaipur

Dr. P.K. jain, Dy. HoD, ECE, SKIT, Jaipur

Mr. Pallav Rawal, Asst Professor, ECE, SKIT, Jaipur

Ms. Suman Sharma, Asst Professor, ECE, SKIT, Jaipur

Mr. Dinesh Kumar, Asst Professor, ECE, SKIT, Jaipur

Mr. Anil Verma, Sr. Technical assistant, ECE, SKIT, Jaipur

Objective: The main objective of this training program is to make technical assistants aware about the networking fundamentals, virtualization and Maintenance of the laboratories.

Program detail: One week training program for technical assistants on “Lab fundamentals, Maintenance and Virtualization” was organized by Department of Electronics and Communication Engineering of Swami Keshvanand Institute of Technology, Management & Gramathan (SKIT), Jaipur (India) during July 18-23, 2022. It was conducted in offline mode. All the technical staff members of ECE department participated for this program.

Training Program was inaugurated on **July 18, 2022** in the presence of Prof Mukesh Arora, HoD, ECE, Dr. P.K.Jain, Dy. Head, ECE and all the coordinators of the event.

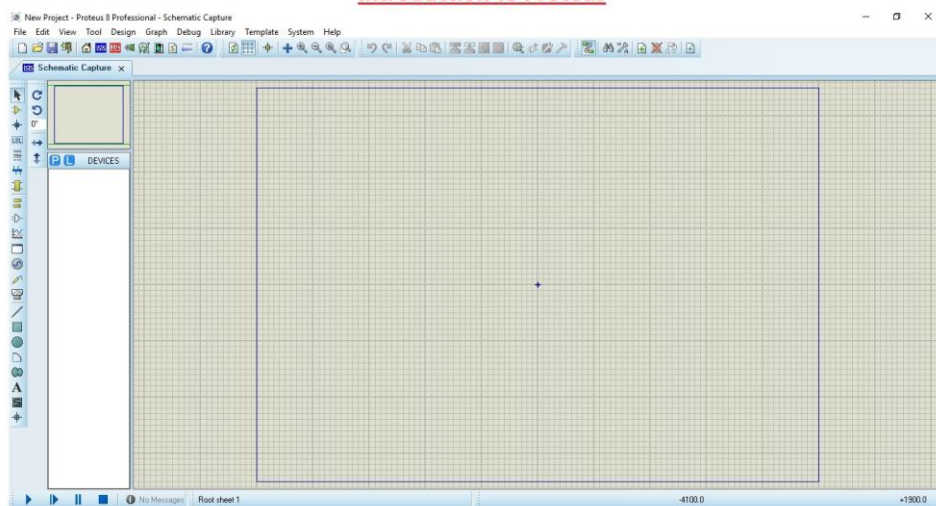
At the beginning of the program, Prof. Dr Mukesh Arora, HoD ECE, SKIT, Jaipur congratulated to all the coordinators for conducting this training program. Praveen Kumar Jain addressed the participants with the benefits of this program and Mr. Dinesh Kumar shared the detailed draft of the training program with all the participants.

Day wise schedule of :the program was as follows:

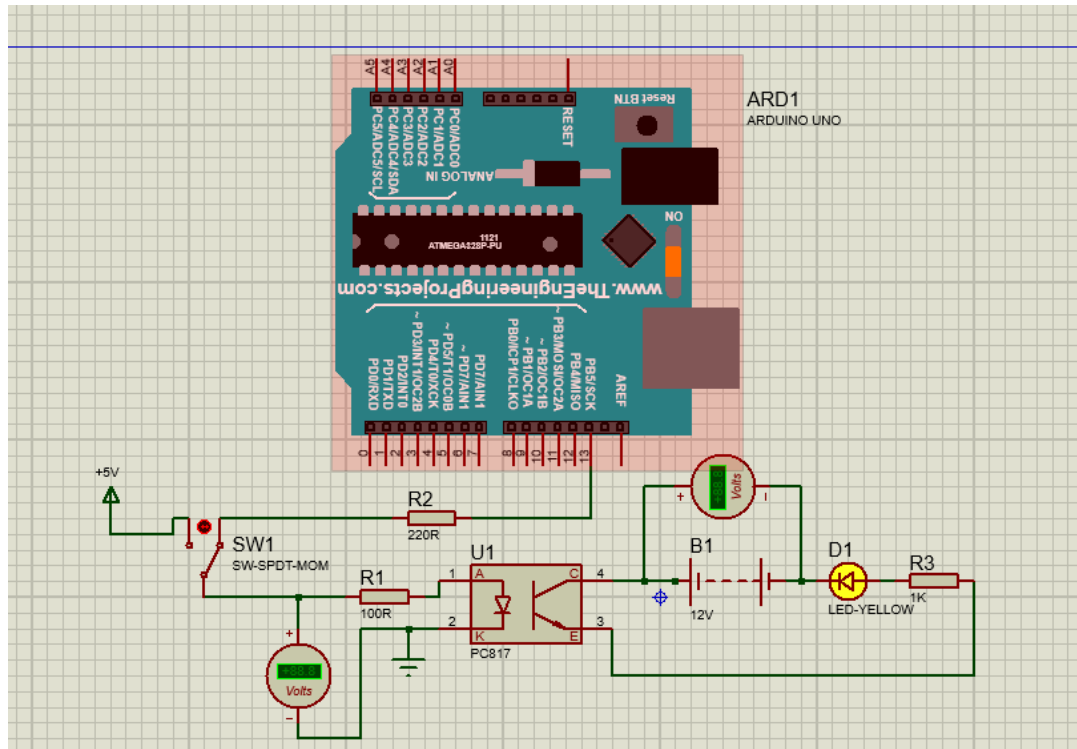
Day 1 – Session 1:

In this session, Mr. Dinesh Kumar, Assistant Professor, ECE department, SKIT, Jaipur introduced the participants with the “Introduction of proteus virtualization”. He explained detailed introduction to “proteus- a circuit designing software” and its different elements. It used to design different circuits on PCB (printed circuit board) and simulation of different circuits. The use of proteus for any electronic circuit project makes that project cost-effective and less errored due to schematic construction on the proteus.

Introduction to Proteus

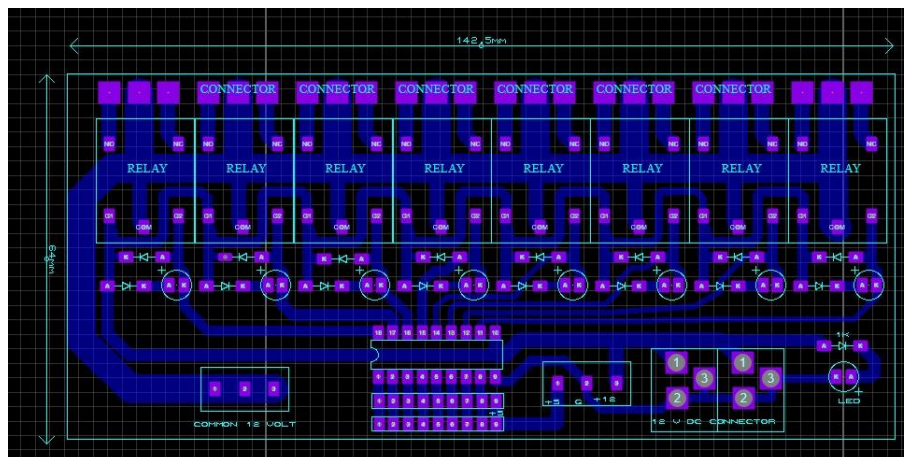


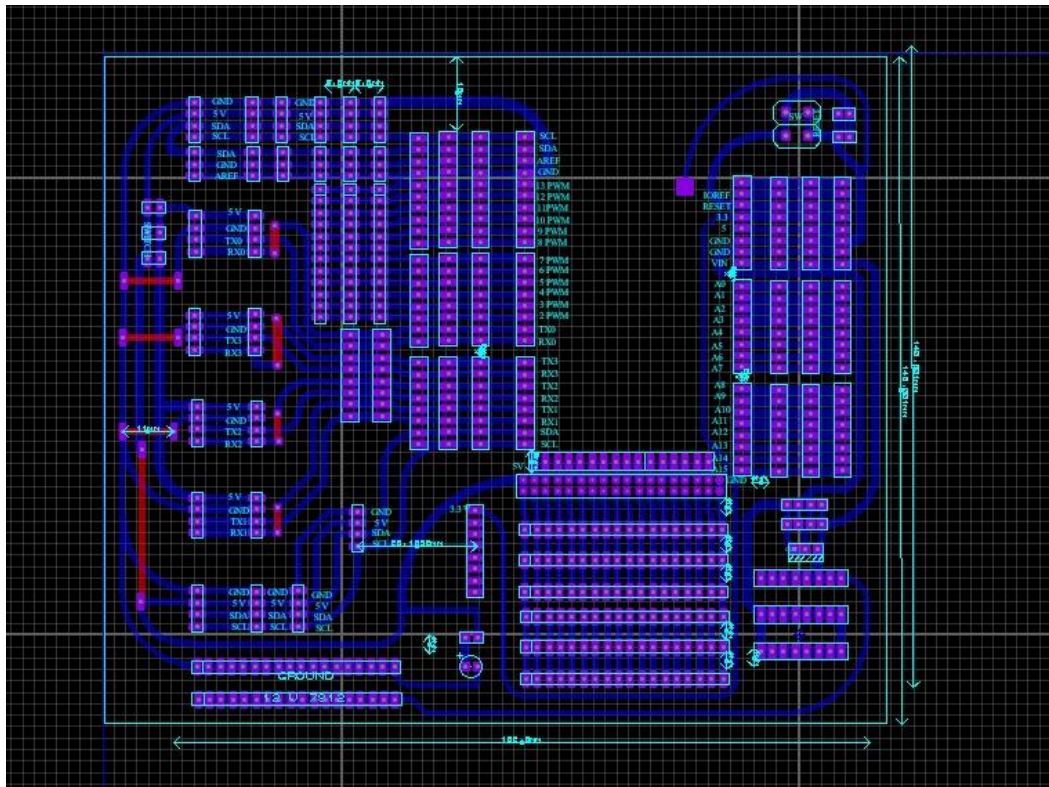
Day 1 – Session 2: Hand on practices on Optocoupler Based Isolation Between Alternate current and Low voltage processor ports by Mr. Dinesh Kumar, Assistant Professor, ECE department, SKIT, Jaipur



Day 2 – Session 1:

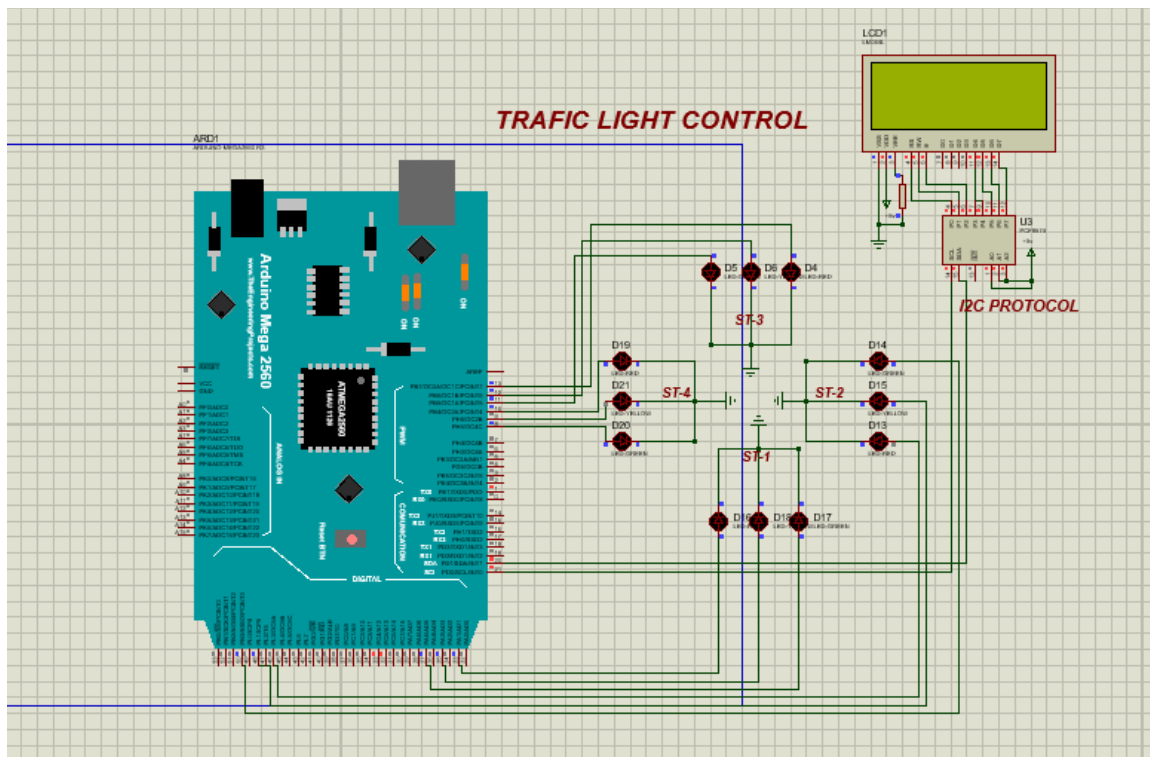
In this session, Mr. Dinesh Kumar, Assistant Professor, ECE department, SKIT, Jaipur introduced the participants with the “PCB Designing on Proteus platform”. He explained the process with the 12 volt relay board with uln 2803 and Arduino mega kit for i2c and SPI protocol.





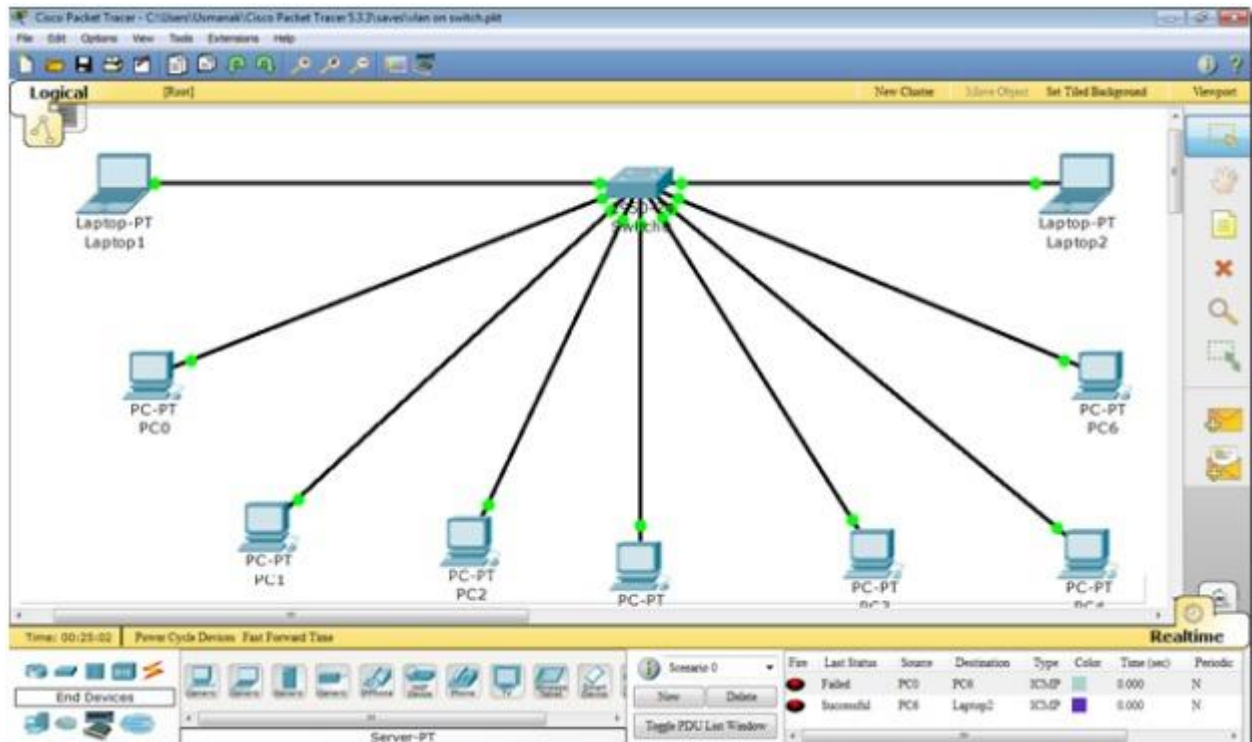
Day 2 – Session 2

In this session, Mr. Dinesh Kumar, Assistant Professor, ECE department, SKIT, Jaipur took hand on session on “PCB Designing on Proteus platform”.



Day 3 – Session 1

In this session, Mr. Dinesh Kumar, Assistant Professor, ECE department, SKIT, Jaipur introduced the participants with the “Networking fundamentals”. He explained the Switches, Routers, Firewall and Access Points.



Day 3 – Session 2

In this session, Dr. Praveen Kumar Jain, Dy. Head, ECE department, SKIT, Jaipur explained the participants about “Lab Maintenance”. He told about the importance of Lab Maintenance in the NBA and NAAC visits. He explained how to maintain lab equipments and lab records and suggest to keep the laboratories clean.

Day 4

In Session 1, Mr. Pallav Rawal, Assistant Professor, ECE department, SKIT, Jaipur took a technical session on “Antenna designing on HFSS” and in session 2 Mr. Pallav Rawal and Ms. Suman Sharma explained the complete antenna fabrication process in PCB lab.

Day 5

In Session 1, Mr. Dinesh Kumar, Assistant Professor, ECE department, SKIT, Jaipur explained to participants about “Data Communication between LAN to Optical fiber and vice versa” and in session 2 he explained about “Packet tracer (Virtual environment of networking)”

Day 6

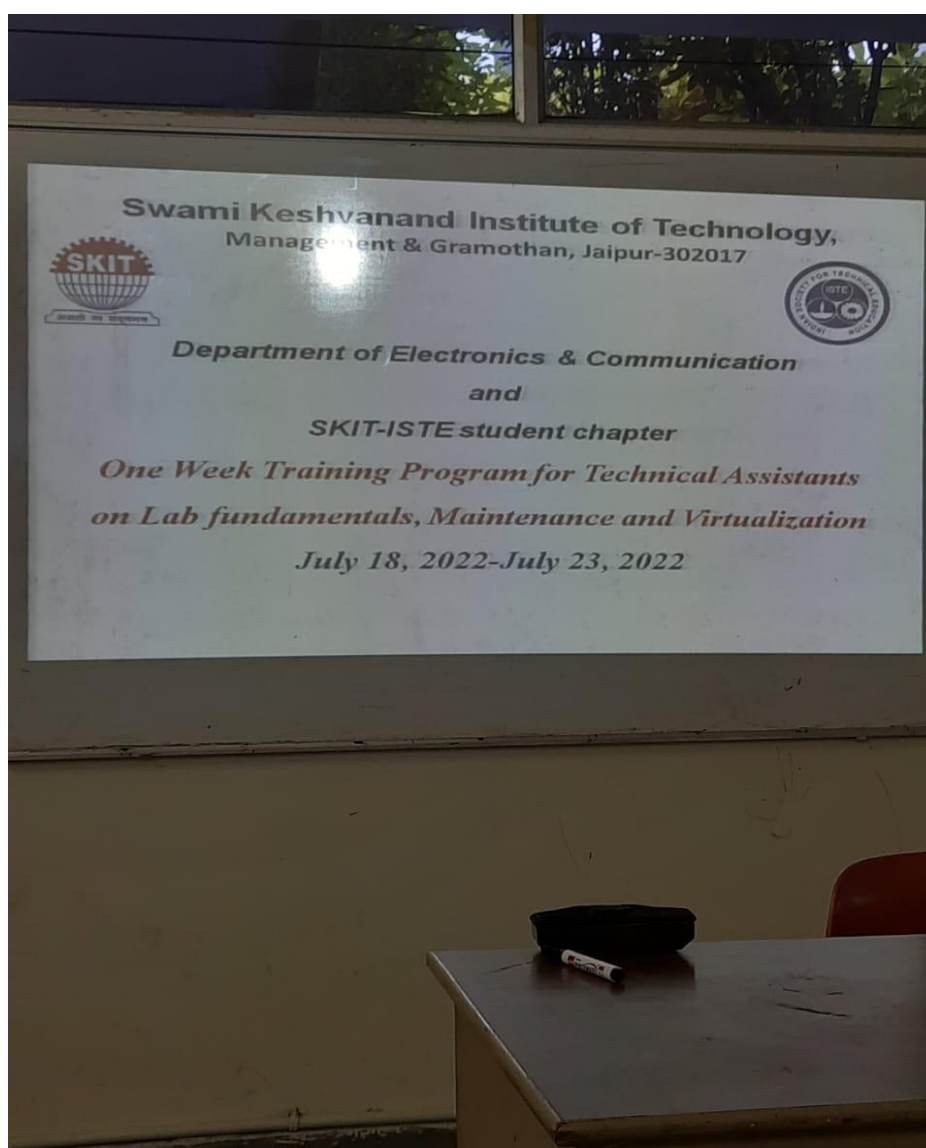
In session 1 Mr. Anil Kumar Verma, Sr. Technical Assistant explained some of the major experiments conducted in all the laboratories. In session 2 there was a Valedictory Session. Mr. Pallav Rawal concluded all the sessions conducted in the training program and Ms Suman Sharma gave thanks to all the participants for attending the training program.

LIST OF PARTICIPANTS

S. No.	Participant Name	Designation	Department	Institute
1	Meenu Pradhan	Technical Assistant	ECE Department	SKIT, Jaipur
2	Sunil Acharya	Technical Assistant	ECE Department	SKIT, Jaipur
3	Dhurendra Singh	Technical Assistant	ECE Department	SKIT, Jaipur
4	R.S.Ola	Technical Assistant	ECE Department	SKIT, Jaipur
5	Kumari Renu	Technical Assistant	ECE Department	SKIT, Jaipur

6	Prema Ram	Technical Assistant	ECE Department	SKIT, Jaipur
7	Khemraj Lakhara	Technical Assistant	ECE Department	SKIT, Jaipur
8	Suresh Kumawat	Technical Assistant	ECE Department	SKIT, Jaipur
9	Sushama	Technical Assistant	ECE Department	SKIT, Jaipur
10	Ruchi Mahawar	Technical Assistant	ECE Department	SKIT, Jaipur

Photographs of Program:



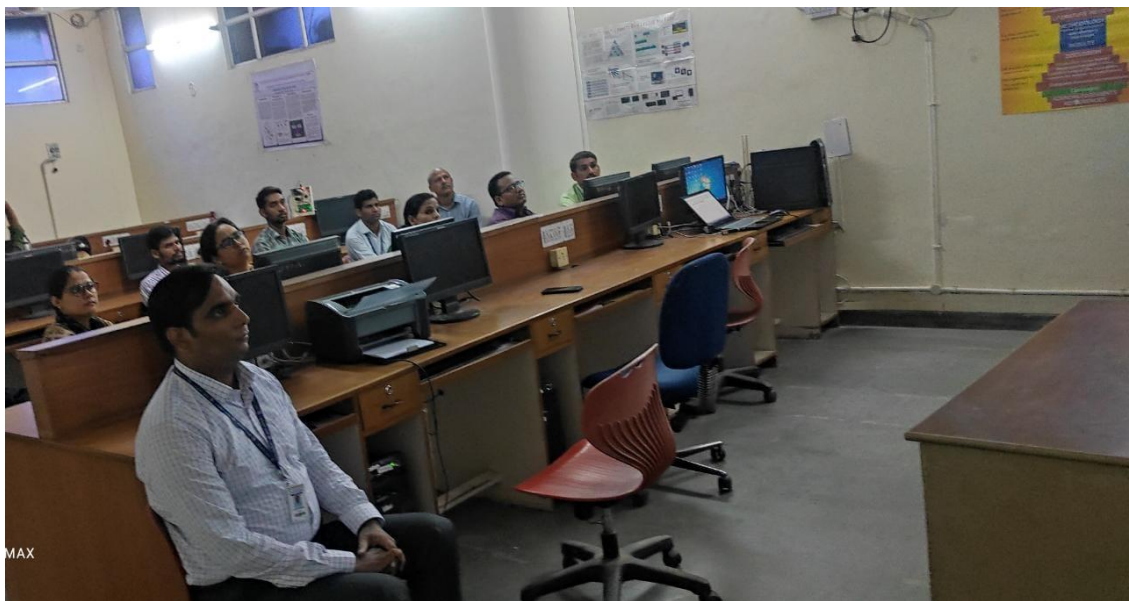


















Digitronics

Name of the event: - Digitronics

Date of the event: - 20/04/2023

Time of the event: - 10:00 AM to 12:30 PM

Venue of the event: -CS block Basement, ECL-03, ECL-04

Level of the event: - Intra College

Notice of the event: - Digitronics

Student Coordinator: - Abhijeet Agarwal

Time of the event: - 10:00 AM to 12:30 PM

Venue of the event: -CS block Basement, ECL-03, ECL-04

Level of the event: - Intra College

Detailed Description: -

1. Number of rounds: - 2
2. Theme or topic: - Quiz and circuit designing.
3. Distribution of team: - In 1st round all registered teams had participated whereas only 7 teams were qualified for the phase 2 of the event.
4. Flow of event: - In phase 1 quiz take place containing technical questions and qualified teams from quiz went for 2nd phase, there will be circuit designing with given components which was done using sensors, relay, microcontroller etc. Once quiz is completed participants had wait for 30 mins for quiz results and 7 qualified teams from quiz went to next round and in next round, they are given components for circuit designing and they had to do within 90 mins after that our respected judges went to them and gave marks accordingly and in last result has announced and winners are awarded with prizes.
5. Time limit: - The quiz round will be of 30 mins and circuit designing will be of 1.5 hour.
6. Prize:

1st runner up: Trophy and certificate

Winner: Rs 1000/- Cash, Trophy and certificate

Details of faculty coordinator: -

Sr. No.	Name of teacher	Department
1	Dr Pallav Rawal	ECE

Details of student coordinators and volunteers: -

Sr. No.	Name	Univ. Roll no	Year	Branch
1	Abhijeet Agarwal	21ESKEC004	2 nd	ECE
2	Anmol Gupta	21ESKEC013	2 nd	ECE
3	Deepanshu Khandelwal	21ESKEC021	2 nd	ECE

Details of Judges: -

Sr. No.	Name of Judge	Department
1	Mr. Neeraj Jain	ECE
2	Mr. Abhinandan jain	ECE

Event brochure or banner: -



ISTE Student Chapter Presents **DIGITRONICS**



**REGISTER
NOW**

**WINNERS WILL
GET EXITING
PRIZES**

**Date : 20th April, 2023 at
10:00AM-12:00PM**

All Participants Will Get Certificate

FACULTY COORDINATOR

PALLAV RAWAL

9413287953

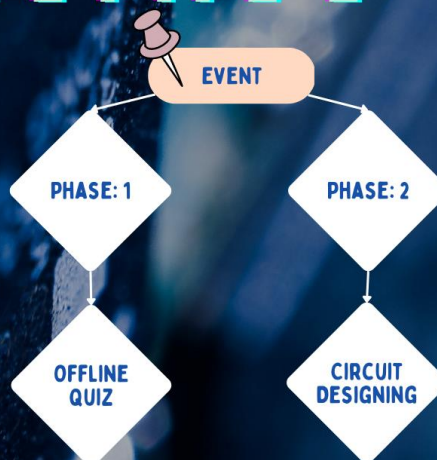
STUDENT COORDINATOR

ABHIJEET AGARWAL

8306969413

9602699789

**VENUE: ECL-3,4
CS BLOCK(BASEMENT)**



**KIS
KA**



JUTAA

*Footwear
partner*

Objective of the event: - This event is conducted for increasing the technical knowledge of students along with making some technical projects related to Circuit Designing.

Details (Execution): - In phase 1 quiz take place containing technical questions and qualified teams from quiz went for 2nd phase, there will be circuit designing with given components which was done using sensors, relay, microcontroller etc. Once quiz is completed participants had wait for 30 mins for quiz results and 7 qualified teams from quiz went to next round and in next round, they are given components for circuit designing and they had to do within 90 mins after that our respected judges went to them and gave marks accordingly and in last result has announced and winners are awarded with prizes.

Feedback of event: -

We received positive feedback from all the members present over there, our judges appreciated our work and praised us for our efforts. They said that the event was well organized and everything was done perfectly. Our winners also enjoyed the event. They said that the event was interesting and the questions were also good. Also, other participants and audience gave a positive response in our event.

Details of student participants: -

Sr. No.	Name	Contact Number	Email id
1	Diya Sharma	8619630841	b211078skit.ac.in
2	Khushi Rajawat	7014442712	b210966@skit.ac.in
3	Om Verma	9660652187	b201052@skit.ac.in
4	Aditya Rawat Bhavesh Agarwal Jayesh Darwani	9509244813	b210560@skit.ac.in
5	Abhay Verma Kunal Gupta	6006720799	Kunalgupta0799@gmail.com
6	Natik Mangal	6397294552	b211019@skit.ac.in
7	Ritish Thakur	7006597674	b211854@skit.ac.in
8	Abhishek Gupta	7878105191	Abhishekgupta4k2@gmail.com
9	Naman Jain	7726043530	b211019@skit.ac.in
10	Akshay Kumar Dubey	9162343745	Akkisuraj143@gmail.com
11	Jai Kumar Bisaria	9413801419	b210964@skit.ac.in
12	Vanshaj Kataria Snehal Jain	7568069994	b210456@skit.ac.in
13	Chirag Gurnani	8949389955	b210258@skit.ac.in

14	Manik Mehra	9086640087	b210727@skit.ac.in
15	Bharg Mahajan	6006960265	b210511@skit.ac.in
16	Ameen Zehra	8058378661	B210317@skit.ac.in

Details of winners/prize distribution: -

Sr. No.	Name	Univ. Roll no	Year	Branch	Position
1	Om Verma	20ESKEC084	3 rd	ECE	Winner
2	Aditya Rawat Bhavesh Agarwal Jayesh Darwani	21ESKEC008 21ESKEC019 21ESKCA056	2 nd	ECE ECE AI	1 st Runner up

Glimpses of event: -





 GPS Map Camera

Jaipur, Rajasthan, India

Skit Rd, Shivam Nagar, Ramnagariya, Jaipur, Rajasthan

303012, India


Lat 26.823112°

Long 75.866645°

20/04/23 12:02 PM GMT +05:30





 GPS Map Camera



Jaipur, Rajasthan, India

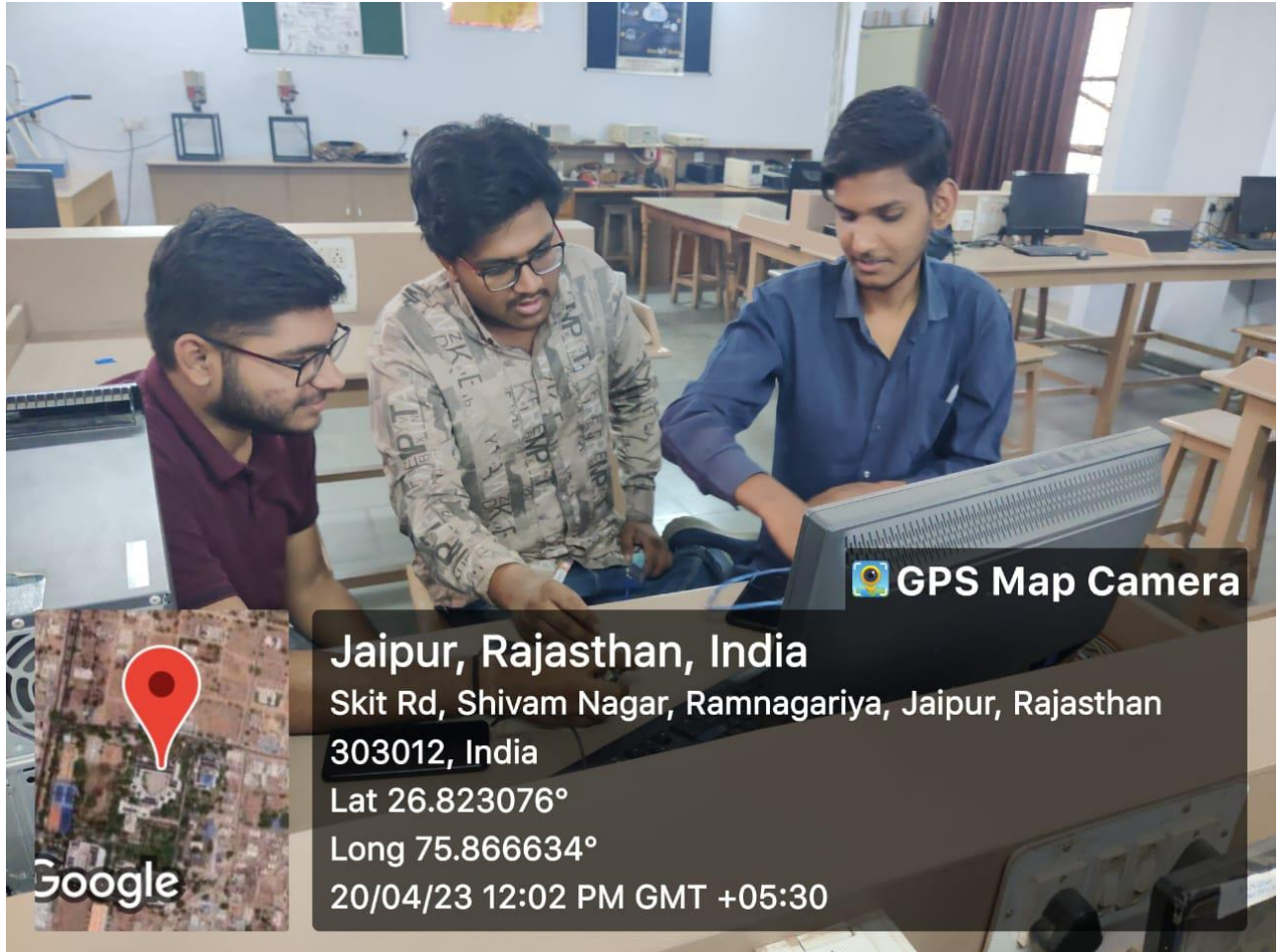
Skit Rd, Shivam Nagar, Ramnagariya, Jaipur, Rajasthan


303012, India

Lat 26.823109°

Long 75.866622°

20/04/23 01:02 PM GMT +05:30



 GPS Map Camera

Jaipur, Rajasthan, India

Skit Rd, Shivam Nagar, Ramnagariya, Jaipur, Rajasthan
303012, India

Lat 26.823076°

Long 75.866634°

20/04/23 12:02 PM GMT +05:30

Google



GPS Map Camera

Jaipur, Rajasthan, India

Skit Rd, Shivam Nagar, Ramnagariya, Jaipur, Rajasthan
303012, India

Lat 26.823141°

Long 75.866688°

20/04/23 01:22 PM GMT +05:30

Glimpses of event:-







Certificate:-





SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN, JAIPUR
(Accredited with A++ Grade by NAAC)



PRAVAH

April 17-22, 2023

Certificate of Appreciation

This certificate is proudly awarded to

Aditya Rawat

for securing 2nd position in the event

Digitronics

2023



Mr. Jaipal Meel
(Director)

Dr. S. L. Surana
(Director Academics)

Dr. Ramesh Kumar Pachar
(Principal)

Mr. Kailash Soni
(Convener, PravaH)



SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN, JAIPUR
(Accredited with A++ Grade by NAAC)



PRAVAH

April 17-22, 2023

Certificate of Appreciation

This certificate is proudly awarded to

Jayesh Dharwani

for securing 2nd position in the event

Digitronics

2023



Mr. Jaipal Meel
(Director)

Dr. S. L. Surana
(Director Academics)

Dr. Ramesh Kumar Pachar
(Principal)

Mr. Kailash Soni
(Convener, PravaH)



SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN, JAIPUR
(Accredited with A++ Grade by NAAC)



PRAVAH

April 17-22, 2023

Certificate of Appreciation

This certificate is proudly awarded to



Bhavesh Agarwal
for securing 2nd position in the event
Digitronics
2023

Mr. Jaipal Meel
(Director)

Dr. S. L. Surana
(Director Academics)

Dr. Ramesh Kumar Pachar
(Principal)

Mr. Kailash Soni
(Convener, PravaH)



ISTE Best Student Chapter Award and Expert Lecture

The ISTE-Student Chapter of Swami Kesavanand Institute of Technology, Management and Gramothan, Jaipur was awarded the 'Best Student Chapter Award' of Rajasthan Section.

On this occasion, on behalf of ISTE, Engineer Dariya Singh (Founder, President-ISTE Rajasthan Section, Former President-BTER) and from S.K.I.T. Prof. S L Surana, (Director - Academics), Prof. Ramesh Kumar Pachar (Principal), Prof. R.K. Jain (Dean) and Prof. Mukesh Arora (Head OFA and ECE) was present.

Indian Society for Technical Education (ISTE) is the leading national professional non-profit organization for technical education system in our country, with an aim for career development of teachers and personality development of students and overall development of our technical education system. The coordinators of the SKIT-ISTE student chapter are Dr. Praveen Kumar Jain, Dr. Pallav Rawal and Mr. Rajeev Kumar.

The prize distribution ceremony was followed by a lecture on "Anandam for Sustainable Development". This scheme has been started by the Government of Rajasthan with the objective of ensuring that the college students contribute better to the society. Social service will be added to the college curriculum under the Anandam scheme, which is based on Gandhian ideology for the overall development of the citizens.

The Anandam scheme will allow students to decide the mode of service in which they are willing to contribute. Good thoughts were conveyed to the students to help the needy people.






INDIAN SOCIETY FOR TECHNICAL EDUCATION
ISTE Students' National Annual Convention

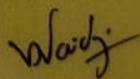
**ISTE BEST STUDENTS
CHAPTER AWARD
FOR
RAJASTHAN SECTION**

2022

Awarded to

**Swami Keshvanand Institute of
Technology, Management & Gramothan
Jagatpura, Jaipur**


Prof. Pratapsinh K. Desai
President, ISTE


Prof. Vijay D. Vaidya
Executive Secretary, ISTE



Annual National Students Convention

Priyadarshini College of Engineering, Nagpur

4th March, 2023

ISTE BEST STUDENTS CHAPTER AWARD

FOR RAJASTHAN SECTION

2022

Awarded to

**Swami Keshvanand Institute of Technology,
Management & Gramothan
Jagatpura, Jaipur**

Dr. Pratapsinh K. Desai
President, ISTE

Prof. Vijay D. Vaidya
Executive Secretary, ISTE





**SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN, JAIPUR**

(Accredited by NAAC with A++ Grade)



SKIT-ISTE, Optica, IETE, IE and IEEE -MTTs Student Chapters
in Association with

Department of Telecommunication (DoT), Jaipur

Cordially Invites you to the

Expert Lecture Series



Mr. Fateh Singh

Director (Technology)
Department of Telecommunications
Jaipur



Mr. Rakesh Kumar Meena

Director (Compliance)
Department of Telecommunications,
Jaipur



Er. Daria Singh

Founder Chairman, ISTE Rajasthan
Section
Former Director, BTER Rajasthan



Mr. Arsh Goyal

Senior Software Engineer
Samsung, India

Title of Talk

- **PMWANI Data Service**
- **Awareness for Mobile Tower Myths w.r.t EMF Emission**
- **Aanandam For Sustainable Development**
- **Career Opportunity for Engineering Students**

Date: 15th April 2023 Time: 09:00 AM to 2:00 PM

Venue: J.C. Bose Auditorium

Faculty Coordinators

Dr. Praveen Kumar Jain, Dr. Monika Mathur, Mr. Ankit Agrawal, Dr. Swati Arora, Dr. Shubhi Jain



OPTICA
Formerly OSA

