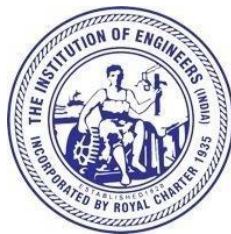




**Swami Keshvanand Institute of Technology,  
Management & Gramothan, Jaipur**



**Annual  
Report  
on**



**Organized by:**

**IE Student's Chapter**

**Department of Electronics & Communication Engineering**

**Faculty Advisor's IE Student's Chapter**

**Dr. Swati Arora  
Ms. Pooja Choudhary  
Ms. Manju Choudhary**



# Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur



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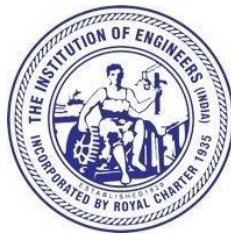
S.NO.	Particular(s)	Date of Event	Page No.
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3	Second Regional Conclave of Students' Chapter	14-15 March 2023	35-69
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**Swami Keshvanand Institute of Technology,  
Management & Gramothan, Jaipur**



## **Block Chain Quiz Competition Report**



**21<sup>st</sup> April 2023**

**Organized by:**

**IE Student's Chapter**

**Department of Electronics & Communication Engineering**

**Faculty Advisor's IE Student's Chapter**

**Dr. Swati Arora  
Ms. Pooja Choudhary  
Ms. Manju Choudhary**

## **Blockchain Quiz Competition Report**

**Name of the event:** Blockchain Quiz Competition

**Date of the event:** 21<sup>th</sup> April 2023

**Time of the event:** 9am-11am

**Venue of the event:** CL 13 lab

**Level of the event:** Intra College

### **Details of invited speaker/sponsor:**

The Blockchain Hive started as an initiative by IIT Bombay students aiming to create awareness about Blockchain and Web3 through education & offline events. Now The Blockchain Hive is a startup providing Blockchain services. The co-founder of The Blockchain Hive “Karan Gill” himself is sponsoring our competition. He will be present at the time of event creating awareness about Web3 and Blockchain, also about the startup. Karan Gill organised “International Blockchain Summit” 2days summit at IIT Bombay during the 26th edition of Techfest. Renowned speakers from all over the world like Mr. Metaverse, Mru Patel acknowledged and appreciated him for his hardwork in organising the summit.

### **Objective of the event:**

To create awareness about blockchain and web3 and support students for their ventures using blockchain technology.

## Event Brochure:

### Event Post



The brochure features a dark background with a subtle geometric pattern. At the top left is the SKIT logo with the motto 'असतो मा सद्गमय'. To the right is a small image of a guru. The text is centered and uses a mix of serif and sans-serif fonts. The event title 'BLOCKCHAIN Quiz Competition & Talk' is prominently displayed in a white box. Below it, the date and time are listed. The sponsor 'THE BLOCKCHAIN HIVE' is highlighted with a blue logo. A QR code is located in the bottom right corner, with the word 'SCAN' above it. The bottom of the brochure lists the organizers and faculty coordinators.

**SKIT**  
असतो मा सद्गमय

Swami Keshvanand Institute of Technology,  
Management & Gramothan, Jaipur

In association with  
IEI Student Chapter SKIT

Department of Electronics and Communication Engineering

**BLOCKCHAIN**

**Quiz Competition & Talk**

21 April  
9am - 11am  
CS BLOCK | CL13

2023  
**SPONSOR**



THE  
**BLOCKCHAIN HIVE**  
Startup by Karan Gill (Co-founder)  
IIT Bombay

SCAN



Tanish Khandal  
9588948149

Kirti Sagar  
8005987068

Faculty Coordinator  
Manju Choudhary, Pooja Choudhary

*Swags/Prizes for winners*


Promotion Post



# BLOCKCHAIN QUIZ COMPETITION/TALK

SWAGS/PRIZES FOR WINNERS

**SPONSOR**



SCAN & REGISTER



*Karan Gill*  
**Speaker**  
IITB Student  
THE BLOCKCHAIN HIVE  
cofounder



THE  
**BLOCKCHAIN HIVE**  
"Come to learn, Stay to earn"  
**IIT BOMBAY**

APRIL 21, 2023  
CS BLOCK, CL13 | 9:00 AM



# BLOCKCHAIN QUIZ COMPETITION/TALK

SWAGS/PRIZES FOR WINNERS/PARTICIPANTS

SCAN & REGISTER



## SPONSOR



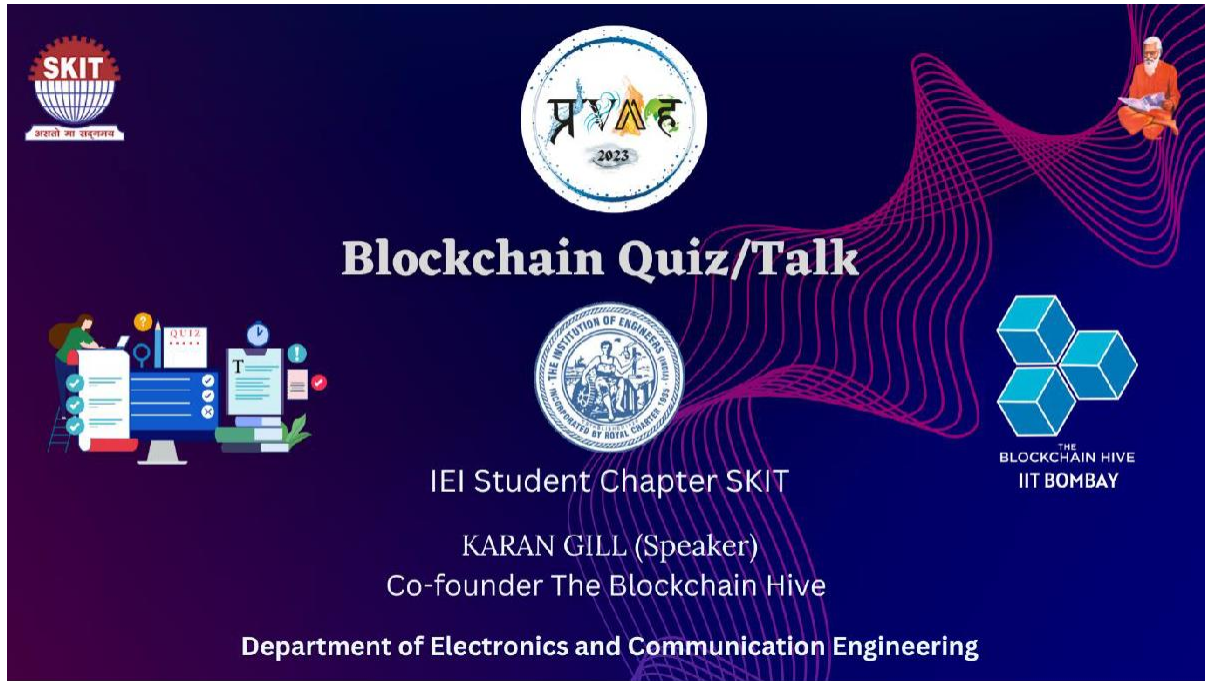
*Karan Gill*  
**Speaker**  
IITB Student  
THE BLOCKCHAIN HIVE  
cofounder



THE  
**BLOCKCHAIN HIVE**  
"Come to learn, Stay to earn"  
**IIT BOMBAY**

APRIL 21, 2023  
CS BLOCK, CL13 | 9:00 AM  
Faculty Coordinator: Ms. Pooja Choudhary  
Student Coordinator: Tanish Khandal, Kirti Sagar  
Contact us: 9588948149

## Event Backdrop Slide



### **Execution of the event:**

9:00 am – We reached at the venue CL 13 lab 3<sup>rd</sup> floor CS Block. We (Tanish Khandal and Kirti Sagar) asked for permission and allowance to use lab equipments like projector and computers for our participants.

9:15 am – All the participants reached at the venue, we coordinated with our guest speaker Karan Gill for an online session on google meet. Links of the session were shared to participants and registered students who just wanted to take part in the event virtually.

9:25 am – We started our session, students were actively interacting with speaker during the session our speaker talked about blockchain/web3 journey, who am i?, global blockchain technology market, U.S. Blockchain Technology Market, Trend in web3 salaries, what we are doing for web3?, what is stopping us?, possible solutions, how we can add more value?, what is coming soon from the blockchain hive startup. Now, session opened for queries.

9:50 am – We shared blockchain quiz link on the session and to virtual participants. Quiz in the form of google form comprised of 50 questions to be solved in 15 minutes.

10:06 am – We closed the link and started reviewing scores, we called our faculty incharge to announce the name of winners and distribute prizes to present students at the venue. We took our group photos, food coupons were distributed to participants provided by pravah cell.

10:55am – We started wrapping up our session, everything was placed at their usual places in the lab. Our event ended.

### **Feedback of the event:**

My seniors and faculties organised this event very well and I want to thank our guest speaker for giving us insights on blockchain/web3 journey, global blockchain technology market, U.S. Blockchain Technology Market, Trend in web3 salaries, what we are doing for web3?, what is stopping us?, possible solutions, how we can add more value?, what is coming soon from the blockchain hive startup. This session boosted my confidence to start new venture in the field of blockchain and web3. I am sure that this whole experience of blockchain quiz competition is something to be shared and remembered with friends and while entering for placements too.

Vinita Garg

2<sup>nd</sup> Year CSE Branch (Blockchain Quiz Participant)

### **Details of faculty coordinator(s):**

<i>Sn.</i>	<i>Faculty Name</i>	<i>Department</i>
1.	Ms. Pooja Choudhary	Electronics and Communication Engg.
2.	Ms. Manju Choudhary	Electronics and Communication Engg.
3.	Ms. Swati Arora	Electronics and Communication Engg.

### **Details of student coordinator and volunteers:**

<i>Sn.</i>	<i>Role</i>	<i>Student Name</i>	<i>Roll no.</i>
1.	Coordinator	Tanish Khandal	20ESKEC116
2.	Coordinator	Kirti Sagar	20ESKEC063

### Details of Student Participants:

<b>Sn.</b>	<b>Name:</b>	<b>Score</b>	<b>Roll No.</b>	<b>Year:</b>	<b>Branch:</b>
1.	Shikha Kumari	20 / 50	20ESKEC109	3rd Year	ECE
2.	Himank khabya	16 / 50	22ESKCX045	1st Year	DS
3.	Yash Sharma	21 / 50	22ESKCX125	1st Year	DS
4.	Yatin parmar	31 / 50	20ESKEC127	3rd Year	ECE
5.	Shubham meel	15 / 50	22ESKCX106	1st Year	DS
6.	Rishabh Kumar Kanther	46 / 50	21ESKCA091	2nd Year	AI
7.	Sourabh prajapat	39 / 50	22ESKCX110	1st Year	DS
8.	Vansh Tuteja	20 / 50	22ESKCX120	1st Year	DS
9.	Vikash singh	24 / 50	22ESKCX124	1st Year	DS
10.	Manvendra Singh	39 / 50	22ESKCS138	1st Year	CS
11.	Priyanshu sharma	25 / 50	22ESKCX091	1st Year	DS
12.	Hemant Kumar Atal	43 / 50	20ESKEC048	3rd Year	ECE
13.	Bajrang Singh Shekhawat	46 / 50	20ESKCA010	3rd Year	AI
14.	Srishti Kulshrestha	48 / 50	20ESKCA056	3rd Year	AI
15.	Prakhar Singhal	27 / 50	22ESKCS163	1st Year	CSE
16.	Jyoti Agrawal	47 / 50	20ESKCA030	3rd Year	AI
17.	Vartika Garg	25 / 50	21ESKCS842	2nd Year	CSE
18.	Vinita Garg	26 / 50	21ESKCS847	2nd Year	CSE
19.	Nicky Lakhisarani	43 / 50	20ESKCS157	3rd Year	CSE
20.	Vishal Kumar Goyal	48 / 50	20ESKCS303	3rd Year	CSE
21.	Krish Agarwal	37 / 50	22ESKCX060	1st Year	DS
22.	Laxmikant Sharma	19 / 50	22ESKCX062	1st Year	DS
23.	Kartik Sharma	19 / 50	22ESKCX055	1st Year	DS
24.	Kartavya goyal	29 / 50	22ESKCX054	1st Year	DS

### Details of Winners:

<b>Sn.</b>	<b>Name:</b>	<b>Score</b>	<b>Roll No.</b>	<b>Year:</b>	<b>Branch:</b>	<b>Prizes</b>
1.	Srishti Kulshrestha	48 / 50	20ESKCA056	3rd	AI	T-Shirt, Water Bottle, Diary, Winning Certificate
2.	Jyoti Agrawal	47 / 50	20ESKCA030	3rd	AI	T-Shirt,

						Water Bottle, Diary, Winning Certificate
3.	Bajrang Singh Shekhawat	46 / 50	20ESKCA010	3rd	AI	T-Shirt, Water Bottle, Diary, Winning Certificate

### Glimpses of the Event:



Figure 1 Participants attending online session in their mobiles on blockchain and web3

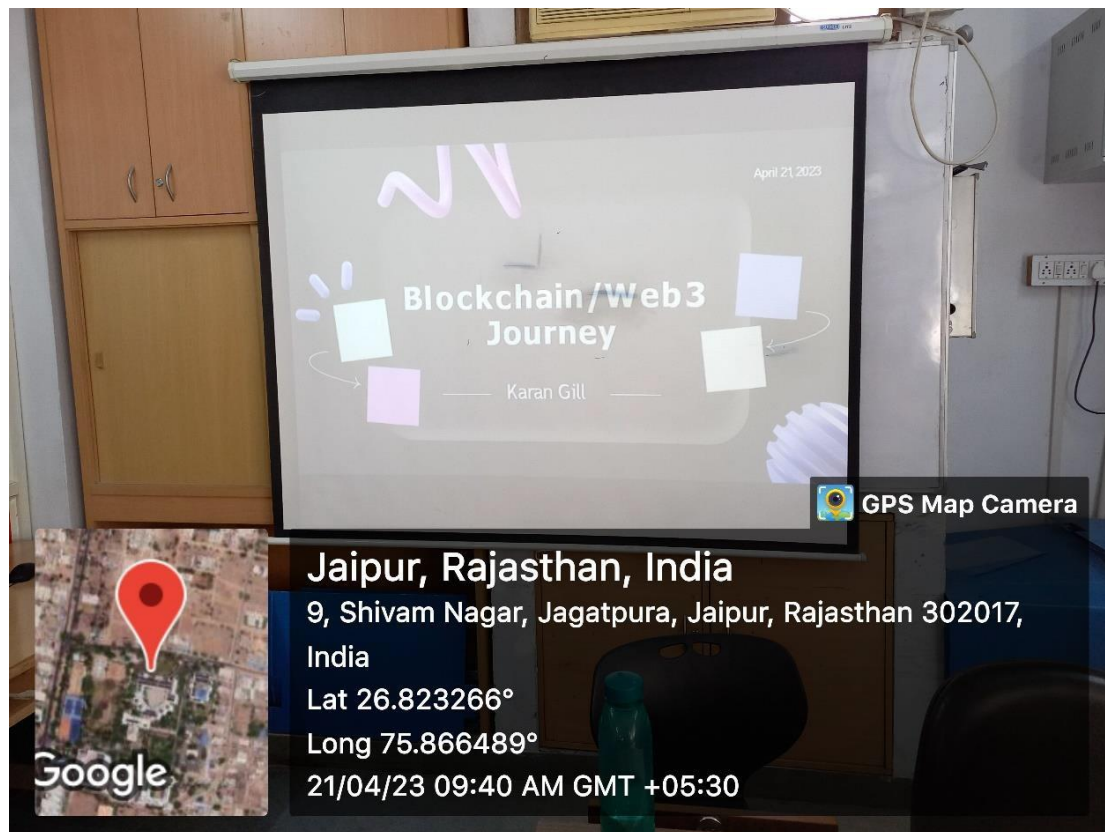


Figure 2 Online session Slides Projected on screen during the event



Figure 3 Group photo of participants with winners



Figure 4 Backdrop slide during the event



Figure 5 Participants solving online quiz



Figure 6 Group photo of participants before prize distribution



Figure 7 Ms. Swati mam giving Tshirt bottle and diary to first winner



Figure 8 Ms. Swati mam giving Tshirt bottle and diary to second winner



Figure 9 Ms. Swati mam giving Tshirt Bottle and diary to third winner



Figure 10 Goodie (diary) given to the faculty coordinator



Figure 11 Normal Group photo of the participants during the event



Figure 12 Ms. Manju Mam giving winning certificate to first winner



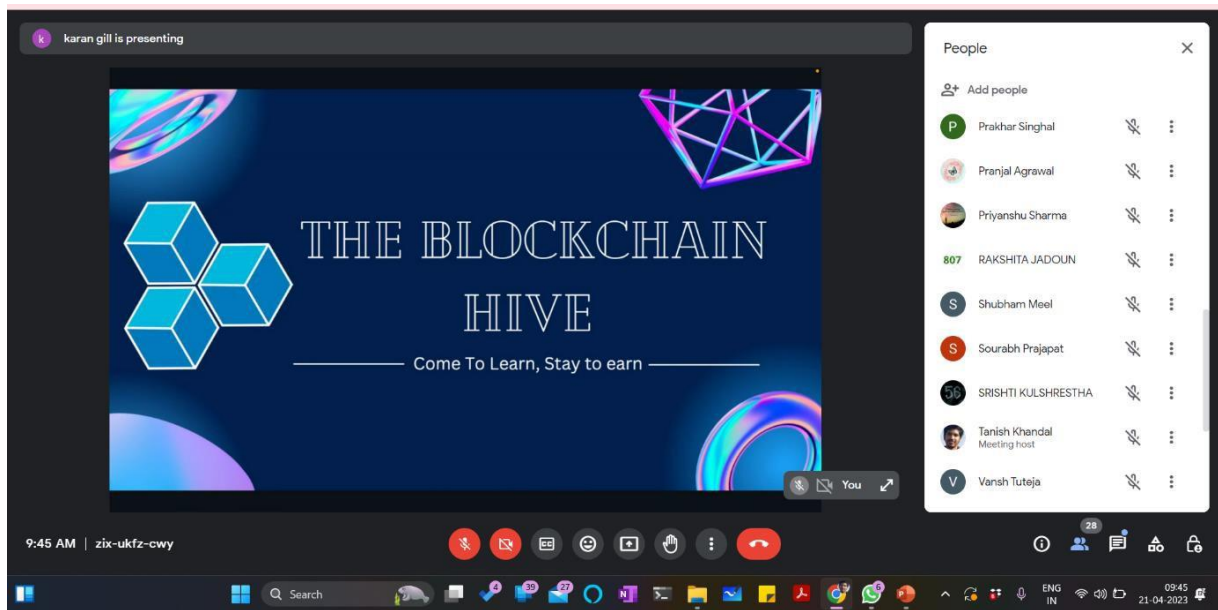
Figure 13 Ms. Manju Mam giving winning certificate to second winner



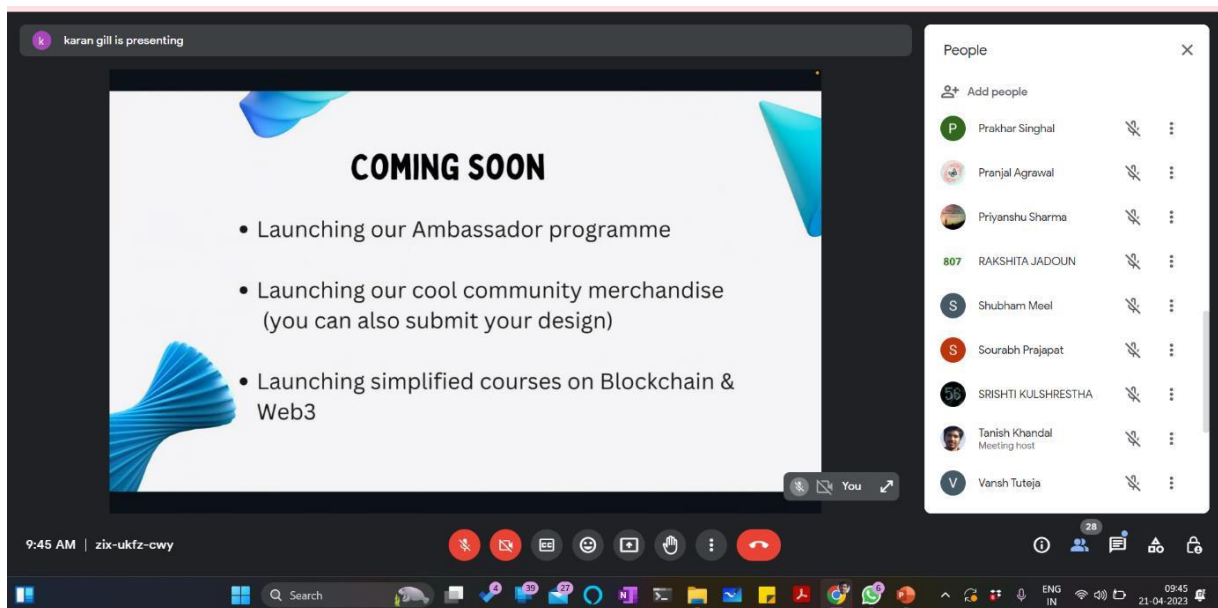
Figure 14 Ms. Manju mam giving winning certificate to third winner



Figure 15 Winners of the event with goodies and certificates



*Figure 16 participants attending online session on blockchain and web3*



*Figure 17 participants attending online session on blockchain and web3*

## **News of the Event:**

Blockchain Quiz competition was the IEI student chapter SKIT technical event in Pravah 2023 on 21<sup>st</sup> April. Mr. Karan Gill was our virtual guest of honor and speaker He is co-founder of The Blockchain Hive startup and 2025 graduate from IIT Bombay. We organised this event to inspire students to start their ventures in the field of blockchain and web3, we created a single platform for all the interested students in the field of blockchain and web3. We are looking for collaborating with the Blockchain Hive for such further activities.

## Collage of the event:



Ms. Pooja Choudhary

Ms. Manju Choudhary

Dr. Swati Arora

Faculty Coordinator

*Pooja*  
*Manju*  
*Swati*

Tanish Khandal

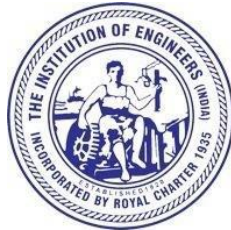
Student Coordinator



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



**A  
Report  
on  
Paper Presentation**



**20<sup>th</sup> April 2023**

**Organized by:  
IE Student's Chapter  
Department of Electronics & Communication Engineering**

## **Paper Presentation Report**

**Name of the event:** Paper Presentation

**Date of the event:** 20<sup>th</sup> April 2023

**Time of the event:** 2pm-4pm

**Venue of the event:** LT 304

**Level of the event:** Intra College

### **Details of invited judge:**

Mr. Satendra Singh, assistant professor, Department of Mechanical Engineering in Vivekananda Global University (VGU) Jaipur.

### **Objective of the event:**

To create awareness about the Research areas in Electronics and Communication Engineering.

## Event Brochure:

### Event post



The brochure features a dark blue background with a subtle geometric pattern and light blue star-like effects. At the top left is the SKIT logo, which includes a gear-like emblem and the motto 'असतो मा सद्गमय'. At the top right is a small portrait of a Swami. The text is centered and uses a mix of serif and sans-serif fonts. The event details are prominently displayed in the center, and the coordinators' names are listed at the bottom corners. A QR code is positioned in the lower center.

**SKIT**  
असतो मा सद्गमय

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

*&*

*IEI Student Chapter SKIT*

*Department of Electronics and Communication Engineering*

**Presents**

**PAPER PRESENTATION IE (ECE)**






**20April | 2pm-4pm**  
**CS BLOCK | Room 304**


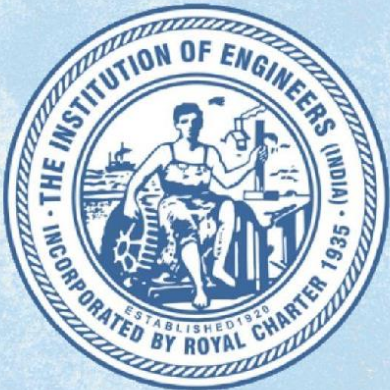

**FACULTY COORDINATOR**  
Ms.Manju Choudhary  
Ms. Pooja Choudhary  
Ms.Swati Arora



**STUDENT COORDINATOR**  
Tanish Khandal  
Kirti Sagar  
9588948149



# **Paper Presentation IE (ECE)**



## **IEI Student Chapter SKIT**

**Guest Judge: Mr. Satendra Singh [Assistant Professor, VGU]**

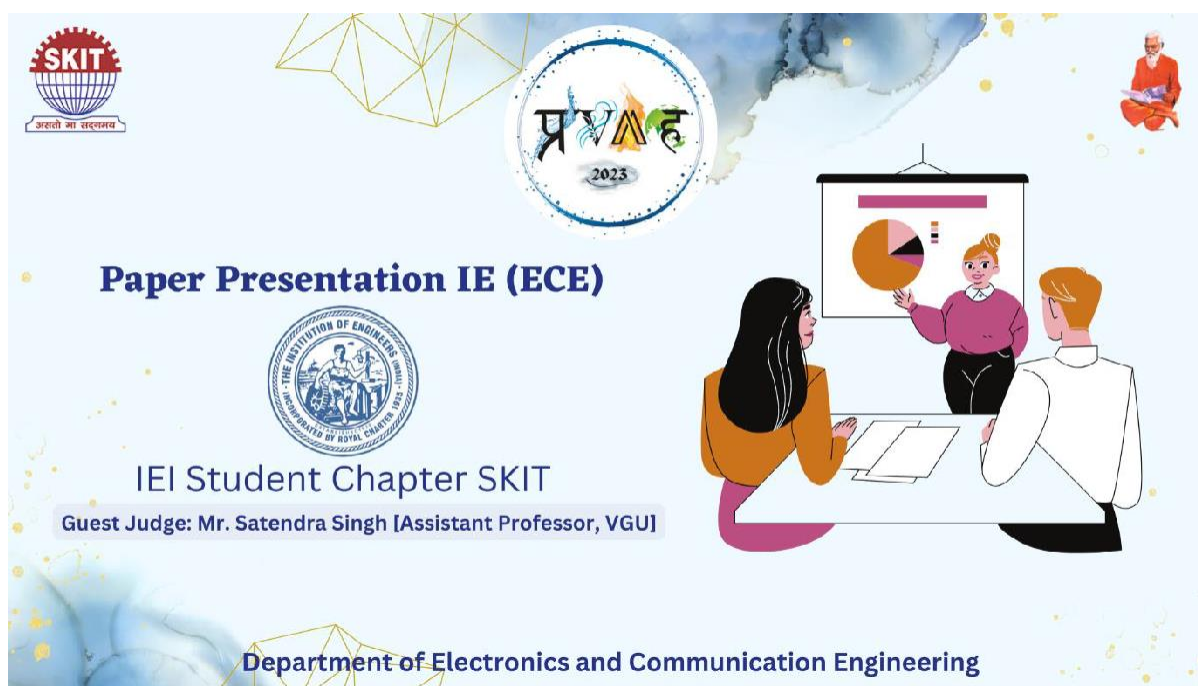
**20April | 2pm-4pm**  
**CS BLOCK**  
**Room 304**

Faculty Coordinators:  
Manju Choudhary

Student Coordinators:  
Tanish Khandal, Kirti Sagar  
9588948149

**Department of Electronics and Communication Engineering**

## Event Backdrop Slide



### **Execution of the event:**

2:00 pm – Event started at the venue LT 304 . We the event student coordinator along with faculty coordinators Ms. Manju Choudhary and Ms. Pooja Choudhary and participants reached venue with projector keys, 2 trophies, 2 winning certificates, laptops.

2:25 pm – All the participants of the events arrived at the lecture room 304 of the event.

2:30 pm – We started PPT by calling teams for presenting their presentations on laptop, as the power supply wasn't there.

3:15 pm – 5 teams were there to compete for 2 winning positions, participants presented topics on CMOS Analog IC Design, signal conditioning, embedded system in automobiles, networking, PCB design. At the time, they completed presenting their ppts. We also allowed other participating and audience to ask questions and their queries.

3:40 pm – We announced the name of two winners; judge of event and faculty coordinators presented them with trophies and winning certificate. The winners were decided by judge based on their ppts style, queries answered and other factors.

3:50 pm – We took group photographs and ended our event on the positive note.

### Feedback of the event:

My seniors and faculties organised this event very well and I want to thank our other participants for creating competing environment with their hardwork on presentations and giving us insights on cmos analog ic design, signal conditioning, embedded system in automobiles, networking. This session boosted my confidence to start new venture in the field of Electronics and Communication Engineering. I am sure that this whole experience of paper presentation competition is something to be shared and remembered with friends and while entering for placements too.

Sumit Sharma

2<sup>nd</sup> Year CSE Branch

(Paper Presentation Participant)

### Details of faculty coordinator(s):

<i>Sn.</i>	<i>Faculty Name</i>	<i>Department</i>
1.	Ms. Pooja Choudhary	Electronics and Communication Engg.
2.	Ms. Manju Choudhary	Electronics and Communication Engg.
3.	Dr. Swati Arora	Electronics and Communication Engg.

### Details of student coordinator and volunteers:

<i>Sn.</i>	<i>Role</i>	<i>Student Name</i>	<i>Roll no.</i>
1.	Coordinator	Tanish Khandal	20ESKEC116
2.	Coordinator	Kirti Sagar	20ESKEC063

### Details of Student Participants:

<i>Sn.</i>	<i>Name:</i>	<i>Roll No.</i>	<i>Year:</i>	<i>Branch:</i>
1.	Aditya Agarwal	21ESKCA009	2nd	AI
2.	Isht suman	21ESKCS100	2nd	CS
3.	Pulkit baid	21ESKIT088	2nd	IT
4.	Aditya bhatnagar	21ESKCS018	2nd	CS
5.	Amit Verma	21ESKCS027	2nd	CS
6.	Garvit Mathodia	21ESKIT048	2nd	IT
7.	Sumit Sharma	21ESKIT106	2nd	IT
8.	Shruti Goyal	21ESKIT105	2nd	IT
9.	Mayank Sharma	21ESKCS128	2nd	CS

10.	Nirmal Prajapati	21ESKCS144	2nd	CS
11.	Omik Parmani	21ESKCS147	2nd	CS

### Details of the winners:

<i>Sn.</i>	<i>Name</i>	<i>Roll No.</i>	<i>Year</i>	<i>Branch</i>
1.	Aditya Agarwal	21ESKCA009	2nd	AI
2.	Garvit Mathodia	21ESKIT048	2nd	CS

### Glimpses of the event:



Figure 1 Participants and Ms. Manju Mam seated in the event



*Figure 2 team presenting on embedded systems in automobiles*



*Figure 3 team presenting on embedded systems in automobiles*



*Figure 4 team presenting on networking in the event*



*Figure 5 team presenting on signal conditioning in the event*



*Figure 6 Photo of the winners of the event*



*Figure 7 Photo of the runner-up of the event*



*Figure 8 Coordinator and participant discussing rules of the event*



*Figure 9 team presenting on embedded systems in automobiles*



*Figure 10 team presenting on signal conditioning in the event*



*Figure 11 Photo of the winners of the event and participants*



*Figure 12 Ms. Pooja Choudhary mam presenting memento to our guest judge Mr. Satendra Singh*



*Figure 13 Group Photo of the participants*

### **News of the Event:**

Paper Presentation Competition was organised in association with IEI student chapter SKIT under technical event in Pravah 2023 on 20<sup>th</sup> April. Mr. Satendra Singh Assistant Professor Mechanical Department, VGU Jaipur was our guest judge in the event. We organised this event to inspire students to start their ventures in the field of Engineering, we created a single platform for all the interested students in the field of automation using embedded and communication systems. We are looking for organising further such events for the students interested in doing research work in specialised fields of ECE.

## Collage of the event:



Ms. Pooja Choudhary

Ms. Manju Choudhary

Dr. Swati Arora  
Faculty Coordinator

*Pooja*  
*Manju*  
*Swati*

*J. Khandal*

Tanish Khandal

Student Coordinator



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



**A**

**Report**

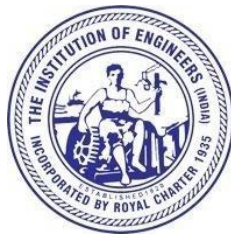
**on**

**Second Regional Conclave of Students' Chapter  
Organized by**

**Institution of Engineers(India)**

**In association with**

**Rajasthan state Center,IEI**



**Futuristics opportunity in Digital Transformation**

**14<sup>th</sup>-15<sup>th</sup> March 2023**

**Hosted by:**

**IE Student's Chapter**

**Department of Electronics & Communication Engineering**

**SKITM&G, Jaipur**

# Index

<b>S.No</b>	<b>Particular(s)</b>
1.	Objective and Outcome of the event
2.	Event Brochure
3.	List of Invited Guests and Speakers
4.	Participants List
5.	Screen shots of event
6.	Copy of E-Certificates of participants
7.	Feedback report
8.	Media Coverage
9.	Technical Report

## **1. Objective and Outcome of the event**

### **Objectives**

1. Select appropriate digital transformation technique in future development.
2. Discuss key impact factors and trends affecting our personal and global existence.
3. Recognize key futurists and future organizations.

### **Outcomes**

The participants of the lecture series will be able to understand the importance of field. Digital transformation technique play a vital role in the modernization of industries. New technologies help in transforming enterprises into a digital world. This technology is mainly helpful in manufacturing, energy and mobility markets.

## 2. Event Brochure



  
**The Institution of Engineers (India)**  
(A Century of Service to the Nation)

**Second Regional Conclave of  
Students' Chapters**

*Organised by*  
**The Institution of Engineers (India)**

*In Association with*  
**Rajasthan State Centre, IEI**

*Hosted by*  
  
**Swami Keshvanand Institute of Technology  
Management & Gramothan, Jaipur**

THEME OF CONCLAVE  
**Futuristic  
Opportunities in  
Digital Transformation**





SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY  
MANAGEMENT & GRAMOTHAN, JAIPUR



THE INSTITUTE OF ENGINEERS (INDIA)

SECOND REGIONAL CONCLAVE OF  
STUDENTS' CHAPTERS  
**PROJECT AND MODEL  
EXHIBITION**

COORDINATORS

Mr. Pallav Rawal

Mr. Dinesh Kumar

**REGISTER  
NOW**

PRIZES

2nd  
1500₹

1st  
2000₹

3rd  
1000₹

& Many More Goodies

DATE: MARCH 15, 2023

VENUE: SKIT, JAIPUR

TIME: 9:00 AM TO 2:00 PM

Certificate will be  
Provide by IE



### 3. Invited Guests

S.No	Guest/Speakers	Name and Affiliation
1.	Prof. Rahul Banerjee	Director, LNMIT
2.	Er. B. Brahma Reddy	Chairman, AISC, IEI
3.	Er. Sanjay Kumar	Chief General Manager BSNL, Rajasthan

4.	Er. Gunjan Saxena	Chairman, IEI Rajasthan State Center
5.	Er. Sudesh Roop Rai	Honorary Secretary IEI Rajasthan State Center
6.	Er.Durga Prasad Parihar	Advisor (Telecom) Retired
7.	Er. Surendra Rai	Deputy Director General at Department of Telecommunications ( DOT )
8.	Prof. Manish Tiwari	Manipal University

#### 4. List of Participants (SKIT-Faculty)

S.No	Team name	Email Address
1	Manju	manju.choudhary@skit.ac.in
2	Ritu Yadav	B200847@skit.ac.in
3	Om Verma	B201052@skit.ac.in
4	Ritu Yadav	B200845@skit.ac.in
5	Suraj Singh Shekhawat	singhsuraj1886@gmail.com
6	Chandan Kumar	kumarchandan22042002@gmail.com
7	Akshat Khandelwal	khandelwalakshat2002@gmail.com
8	Navneet Kaur	navneetkaur11012@gmail.com
9	Kashish Karamchandani	b200896@skit.ac.in
10	Dr. Praveen Kumar Jain	pkjain@skit.ac.in
11	Akshat Khandelwal	khandelwalakshat2002@gmail.com
12	Yashwardhan	yashwardhangaur1204@gmail.com

	Gaur	
13	Aarushi agarwal	agarwalaarushi95@gmail.com
14	Shreyansh Jain	samyakpagariya01@gmail.com
15	Athi Jathin MR	athijathin@student.tce.edu
16	AJAY KUMAR SHARMA	b2000820@skit.ac.in
17	Navneet Kaur	navneetkaur11012@gmail.com
18	Mayank Sharma	sonusharmajac2@gmail.com
19	Utkarsh khandelwal	B200822@skit.ac.in
20	Pankaj Nagar	pankajdhakad450@gmail.com
21	Aryan banerjee	aryanbanerjee@029gmail.com
22	Parul Verma	vermaparulmv06@gmail.com
23	TCR	chandanrajput192021@gmail.com
24	Creato	nikitarao1224@gmail.com
25	anonymous	sourav12402@gmail.com
26	Data Demystifiers	b200589@skit.ac.in
27	Smart irrigation	12sunilkumawat712@gmail.com
28	Curious Coder	ajayoctsharma@gmail.com
29	Chitvan	dhaneshtak500@gmail.com
30	Chitvan	dhaneshtak500@gmail.com
31	Touch switch	garg.saloni583@gmail.com
32	Advance home automation	shivam.is.shivay@gmail.com
33	AJAY & CHITVAN	ajayoctsharma@gmail.com
34	Voice operator	b210460@skit.ac.in
35	Switch touch	B211134@skit.ac.in
36	HAC Motors	om24042004verma@gmail.com
37	ARYA SQUAD	harshjha840@gmail.com
38	Electra	kashishsharma30872@gmail.com
39	Team	pks260701@gmail.com

	Dynamite	
40	Team EC	b211004@skit.ac.in
41	Nil	athijathin@student.tce.edu
42	Dream tech	b210962@skit.ac.in
43	Dream Tech	b210962@skit.ac.in
44	Electra	kashishsharma30872@gmail.com
45	Techno sync	b210966@skit.ac.in
46	The Boys	arun69487@gmail.com
47	Avni Jain	b200848@skit.ac.in
48	Tesla	b200228@skit.ac.in
49	Yash and Vaibhav	yashbairwa04@gmail.com
50	Team Dynamite	pks260701@gmail.com
51	RK Techno Team	20egjee011@gitjaipur.com
52	Aditya Rawat	b210560@skit.ac.in
53	Vscube	2021pietcssatish154@poornima.org
54	Innovators	muskanmeena0827@gmail.com
55	Quantizers	ashutoshjangir10@gmail.com
56	Quantizers	ashutoshjangir10@gmail.com
57	Relay	B200845@skit.ac.in
58	BLACKLIST	tanishkhandal15@gmail.com
59	Kasukabe defence group	mananp684@gmail.com
60	Team Level	jagratimeena24072002@gmail.com
61	Master Slave	jagratimeena24072002@gmail.com
62	Jagrati Meena	jagratimeena24072002@gmail.com
63	Spark	kiran.rathi@skit.ac.in
64	Innovato	pooja.choudhary@skit.ac.in
65	Team spark	o2004mv@gmail.com
66	Coding ninja	himanshusharma39692@gmail.com
67	THE SHIELD	priygupta1516@gmail.com
68	Team Bliss	b200676@skit.ac.in
69	Team Bliss	b200676@skit.ac.in
70	The Shield	priygupta1516@gmail.com
71	THE SHIELD	priygupta1516@gmail.com
72	Tech square	chakshitg@gmail.com
73	Shubhi Jain	shubhijain19@gmail.com

74	Humans	shrayrathore777@gmail.com
75	The Squad	divyajain40120@gmail.com
76	Ve	anushka02.02.22@gmail.com
77	Arooja	aaroojahassan@gmail.com
78	Stable heads	nupurchoudhary2003@gmail.com
79	Tech Vector Volume	khandelwalakshat2002@gmail.com
80	SCR	aayush.swami50@gmail.com
81	A/G1/5	Ak4718183@gmail.com
82	Smart hydroponics	12sunilkumawat712@gmail.com
83	Git ec	19egjec004@gitjaipur.com

### Winners of the Event:

S.NO.	Paper Presentation	Poster Competition	Project Competition
	<b>III PRIZE (1100 RS.)</b>	<b>III PRIZE (1100 RS.)</b>	<b>III PRIZE (1100 RS.)</b>
1	Akshat Khandelwal	Pradeep Saini & Team 1100 RS.	Aayush Swami & Team 1100 RS.
	<b>II PRIZE (1500 RS.)</b>	<b>II PRIZE (1500 RS.)</b>	<b>II PRIZE (1500 RS.)</b>
2	Navneet Kaur	Kashish Sharma 1500 RS.	Satish Parmar & Team 1500 RS.
	<b>I PRIZE (2100 RS.)</b>	<b>I PRIZE (2100 RS.)</b>	<b>I PRIZE 2100 RS.)</b>
3	Jayesh Vashishtha	Chirayu Jain & Team	Prince Single & Team

## 5. Event Photographs









Group Photograph  
**PPT SESSION**





### Paper (PPT) Presentation Evaluation Sheet

S.No.	Name of Team / Participants	No. of Participants	Topic
1.	Akshat Khandelwal	1	Artificial Intelligence
2.	Navneet Kaur	1	Smart Dust
3.	Praveen Kumar Jain	2	Recent Trends in Resistive Random Access Memory
4.	Blaze (KashishKaramchandani, KirtiSagar,Hemant Kumar Atal )	3	Sensing and wireless technology
5.	AJAY & CHITVAN	2	PPT on Na-Ion Batteries
6.	Dream Tech (HimanshuAgarwal,AmeenZehra, Chirag Gurnani,Diya Sharma)	4	Ar/Vr
7.	The Boys (Arun Singh and Aabhas Nama)	2	Tiny ML - Future is tiny
8.	Team Level (JagratiMeena&AmolKumari)	2	IoT as Future
9.	Tesla ((JayeshVashishtha )	1	Autonomous Delivery Drone
10.	Shreya Jha, ShivinShyamKasat	2	Hydroponics





## Project Competition Judgment

Sr. No.	Project Title	Institute Name	Branch	Team Member	Roll No.	Contact No./Mail id
1	Solar Cleaner Robot (SCR)	Swami Keshvanand Institute of Technology, Management and Gramothan	EE	Aayush Swami Aman Maru Navin Suthar Payal Nagar	21ESKEE005 21ESKEE042 21ESKCS155	83021797555 <a href="mailto:Sutharnavin769@gmail.com">Sutharnavin769@gmail.com</a>
2	Advance Inverter Project	Swami Keshvanand Institute of Technology, Management and Gramothan	ECE	Aditya Rawat	21ESKEC008	9509244813 <a href="mailto:Adityarawat1.com@gmail.com">Adityarawat1.com@gmail.com</a>
3	Touch Control load Switch	Swami Keshvanand Institute of Technology, Management and Gramothan	EE	Saloni Saurabh Pushp Shreyash Sharma	21ESKEE067 21ESKEE069 21ESKEE74	6350062792 <a href="mailto:Garg.saloni583@gmail.com">Garg.saloni583@gmail.com</a>
4	Voice Operated Elevator	Swami Keshvanand Institute of Technology, Management and Gramothan	EE	Preeti Gupta Tanu Meena Sabha Akhter	21ESKEE051 21ESKEE076 22ESKEE202	9001817482 <a href="mailto:Guptapreeti3019@gmail.com">Guptapreeti3019@gmail.com</a>
5	Pro Flamingo	PIET	CSE	Satish Parmar Shivam kumar Saloni Mittal		9788470525 <a href="mailto:satishparmarparmar486@gmail.com">satishparmarparmar486@gmail.com</a>
6	Hydroponics	Swami Keshvanand Institute of Technology, Management and	ECE	Shreya Jha Shivin Kasat Vanshaj Kataria	21ESKEC064 21ESKEC063 21ESKEC070	8955251718 <a href="mailto:Sjha232003@gmail.com">Sjha232003@gmail.com</a>

		Gramothan				
7	Micro Controller Based Relay	<b>Swami Keshvanand Institute of Technology, Management and Gramothan</b>	ECE	Lakshya Verma Ritu Yadav Sakshi Singh Shivani Lamba	20ESKEC067 20ESKEC100 20ESKEC103 20ESKEC110	9929033699 <a href="mailto:Lakshya29.verma@gmail.com">Lakshya29.verma@gmail.com</a>
8	Green House Monitoring and Controlling System	Swami Keshvanand Institute of Technology, Management and Gramothan	ECE	Muskan Meena Pawani Bhardwaj Mohit Yadav Samyak Jain	20ESKEC076 21ESKEC087 20ESKEC074 20ESKEC106	9828248295 <a href="mailto:Muskanmeena0827@gmail.com">Muskanmeena0827@gmail.com</a>
9	Smart Trash Bin based on auto Matic recycling and Segration of household waste	Swami Keshvanand Institute of Technology, Management and Gramothan	EE	Parul Verma Parineeta Bagra Nishi Chouhan Pravar Bhatt	19ESKEE118 19ESKEE117 19ESKEE112 19ESKEE125	9602590316 <a href="mailto:Vemaparulmv06@gmail.com">Vemaparulmv06@gmail.com</a>
10	Indian Automotive Industry Analysis	Swami Keshvanand Institute of Technology, Management and Gramothan	IT	Ankit Sharma Ayushi Agrawal Badal Singh Rathore	20ESKIT014 20ESKIT025 20ESKIT026	8306152585 <a href="mailto:Ankitsh1970@gmail.com">Ankitsh1970@gmail.com</a>
11	Bionic Arm	Swami Keshvanand Institute of Technology, Management and Gramothan	ECE	Prince Singhal Umang Sharma Utkash Khandelwal	20ESKEC093 20ESKEC118	9057504998 <a href="mailto:Princesinghal207@gmail.com">Princesinghal207@gmail.com</a>
12	Reflow Soldering	Swami Keshvanand Institute of	ECE	Prashansha Khandelwal	20ESKEC091	9587637403

	Machin	Technology, Management and Gramothan				<a href="mailto:Kpsakshi516@gmail.com">Kpsakshi516@gmail.com</a>
13	Home Automation	Swami Keshvanand Institute of Technology, Management and Gramothan	EE	Shivam Gupta  Aripit Sharma  Sakshya	21ESKEE071  22ESKEE200  21ESKEE066	9928858146  <a href="mailto:Shivam.is.shivay@gmail.com">Shivam.is.shivay@gmail.com</a>
14	Smart Wheel Chair for Physically Disabled	Swami Keshvanand Institute of Technology, Management and Gramothan	EE	Ankit Jangir  Divya Jain  Khushi Nayak  Mohit Jarwal	21ESKEE006  21ESKEE018  21ESKEE035  21ESKEE040	8209478217  <a href="mailto:Divyajain40120@gmail.com">Divyajain40120@gmail.com</a>
15	BMS for EV Nonexplosion  Of LIPO	Swami Keshvanand Institute of Technology, Management and Gramothan	ECE	Yash Bairwa  Vaibhav Kunal	20ESKEC125  20ESKEC122	7727985204  <a href="mailto:Yashbairwa04@gmail.com">Yashbairwa04@gmail.com</a>
16	Solar tracking system using MPPT	Global Institute of Technology	EE	Ruhal Singh Chauhan  Khushnuma		7014325784  <a href="mailto:Dreambigrv21@gmail.com">Dreambigrv21@gmail.com</a>
17	HAC Motors	Swami Keshvanand Institute of Technology, Management and Gramothan	ECE  ME  ME	Om Verma  Rohit Soni  Aditya Sharma	20ESKEC084  21ESKME024  22ESKME002	9660652187  <a href="mailto:O2004mv@gmail.com">O2004mv@gmail.com</a>
18	Alert System for Mine Workers	Swami Keshvanand Institute of Technology, Management and Gramothan	EE  ECE  ECE  ME	Ishan Shrimali  Prajjwal Nirwan  On Verma  Anshul Sharma	  20ESKEC090  20ESKEC084  20ESKME014	9660652187  <a href="mailto:O2004mv@gmail.com">O2004mv@gmail.com</a>

19	Smart Coffee Vending Machine	Swami Keshvanand Institute of Technology, Management and Gramothan	ECE	Ashutosh Jangir Vibhansh Jain	20ESKEC026 21ESKEC072	9929558332 <a href="mailto:Ashutoshjangir10@gmail.com">Ashutoshjangir10@gmail.com</a>
20	Smart Led Light	Swami Keshvanand Institute of Technology, Management and Gramothan	IT	Shreyansh Jain Samayak Pagariya	19ESKIT088 19ESKIT084	9468626881 <a href="mailto:Jainnonu30@gmail.com">Jainnonu30@gmail.com</a>
21	Smart Cradle	Swami Keshvanand Institute of Technology, Management and Gramothan	ECE CSE	Vibhansh Jain Aditya Soni	21ESKEC072	9079382581 <a href="mailto:Vibhanshjain2@gmail.com">Vibhanshjain2@gmail.com</a>
22	AI Based Agriculture Drone	Arya Collage of engineering and IT	ECE	Pradeep kumar Saini Nikhil Saini Ajay Shukla Mohammad Kazin		8000626576 <a href="mailto:Pks260701@gmail.com">Pks260701@gmail.com</a>
23	Tech Vector Volume	Swami Keshvanand Institute of Technology, Management and Gramothan	CSE	Akshat Khandelwal Laveena Goyal Ekta Gupta Vishaka Nayak Varun Soni	19ESKECCS022	7740854960 <a href="mailto:Khandelwalakshat2002@gmail.com">Khandelwalakshat2002@gmail.com</a>
24	Torotise Bot	Swami Keshvanand Institute of Technology, Management and Gramothan	ECE CS AI	Jayesh Vashishtha Suyash Vashishtha Khushi Choudhary	20ESKEC053 22ESKCS217 21ESKCA063	9887487871 <a href="mailto:Jayeshvashishtha@gmail.com">Jayeshvashishtha@gmail.com</a>

25	Quad Copter Drone	Swami Keshvanand Institute of Technology, Management and Gramothan	ECE CS AI	Jayesh Vashishtha Suyash Vashishtha Khushi Choudhary	20ESKEC053 22ESKCS217 21ESKCA063	9887487871 <a href="mailto:Jayeshvashishtha@gmail.com">Jayeshvashishtha@gmail.com</a>
26	Fire Bird	Swami Keshvanand Institute of Technology, Management and Gramothan	ECE CS AI	Jayesh Vashishtha Suyash Vashishtha Khushi Choudhary	20ESKEC053 22ESKCS217 21ESKCA063	9887487871 <a href="mailto:Jayeshvashishtha@gmail.com">Jayeshvashishtha@gmail.com</a>
27	Floor Sanitization Bot	Swami Keshvanand Institute of Technology, Management and Gramothan	ECE CS AI	Jayesh Vashishtha Suyash Vashishtha Khushi Choudhary	20ESKEC053 22ESKCS217 21ESKCA063	9887487871 <a href="mailto:Jayeshvashishtha@gmail.com">Jayeshvashishtha@gmail.com</a>
28	Electric Folding Bicycle	Swami Keshvanand Institute of Technology, Management and Gramothan	ME EE	Ankit Chaudhary Pulkit Gupta	20ESKME011 20ESKEE094	7850841845 <a href="mailto:Pulkit525@gmail.com">Pulkit525@gmail.com</a>
29	Bhartiya Virtual Lab	Swami Keshvanand Institute of Technology, Management and Gramothan	CS CS ECE	Mohak Saini Pradeep Singh Priya Gupta	20ESKCS144 20ESKCS175 20ESKEC094	9098812136 <a href="mailto:Priyagupta156@gmail.com">Priyagupta156@gmail.com</a>



## Invited talk



## **Poster Competition**



**Poster Competition Judgment**



**Evolution of Project Competition**



**Panel Discussion**



**Guest of Honor on Valedictory**



**Prize Distribution**



**Group photo with organizing team, winners and Guests**

## 6. Sample Copy of Certificate

### Participant Certificate



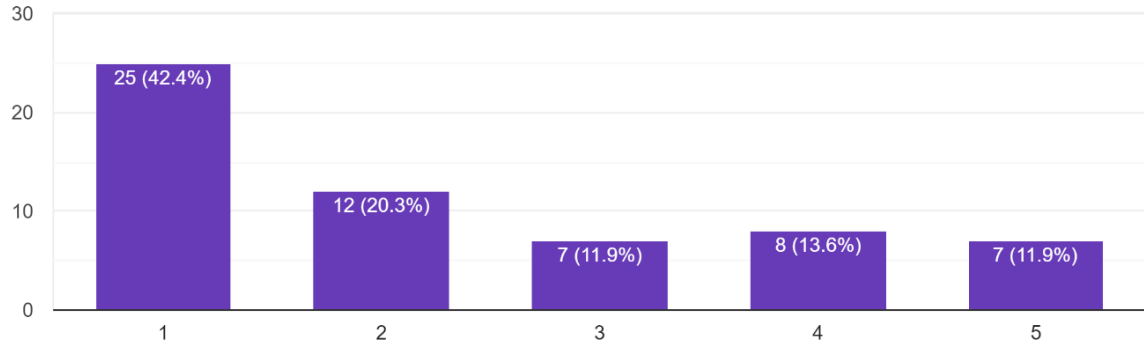
### Expert Certificate



## 7. Feedback report

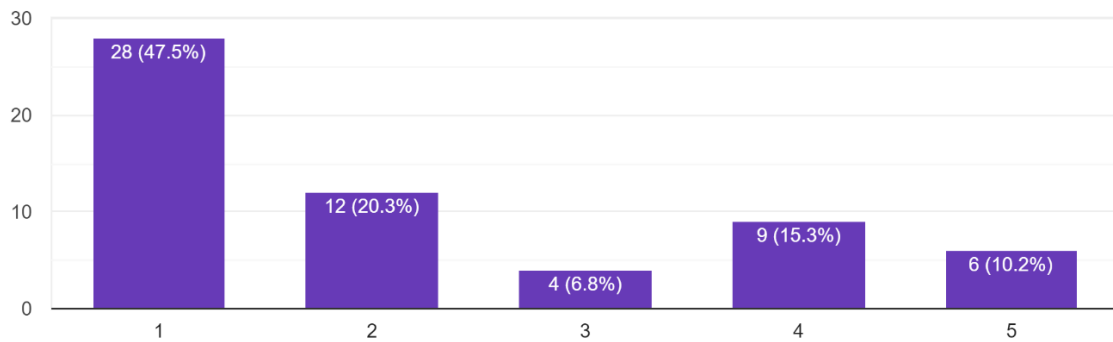
### 1. Your entire experience about the Conclave.

59 responses



### 2. Knowledge enhancement.

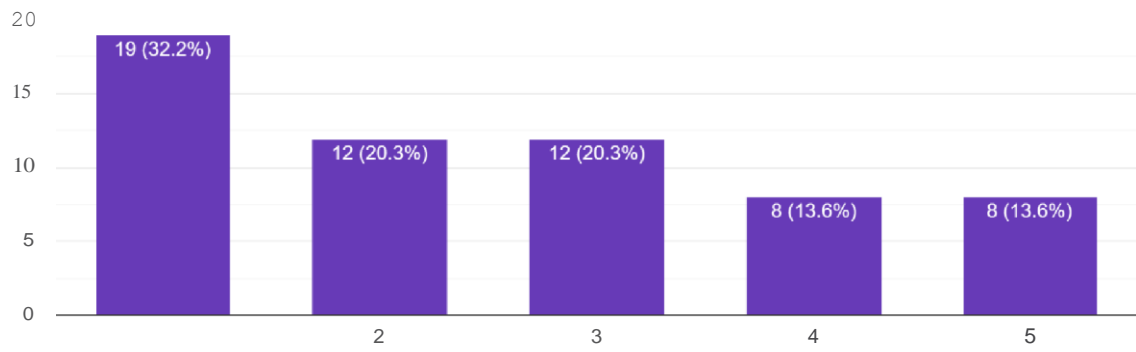
59 responses



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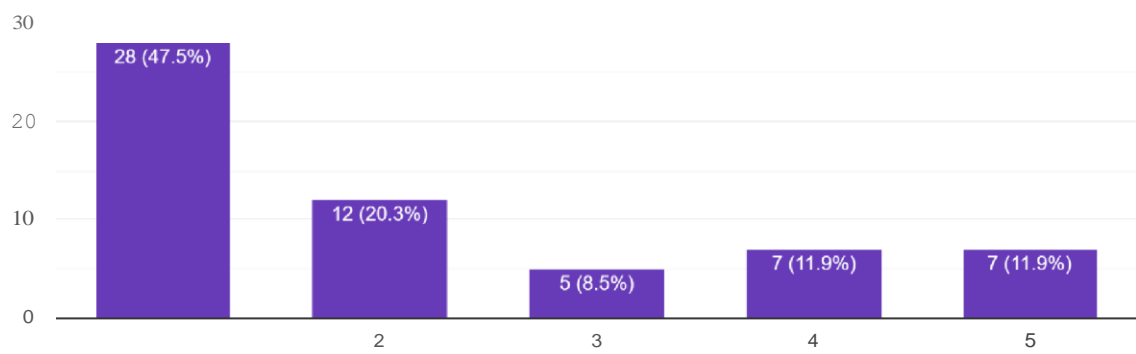
### 3. Time management

59 responses



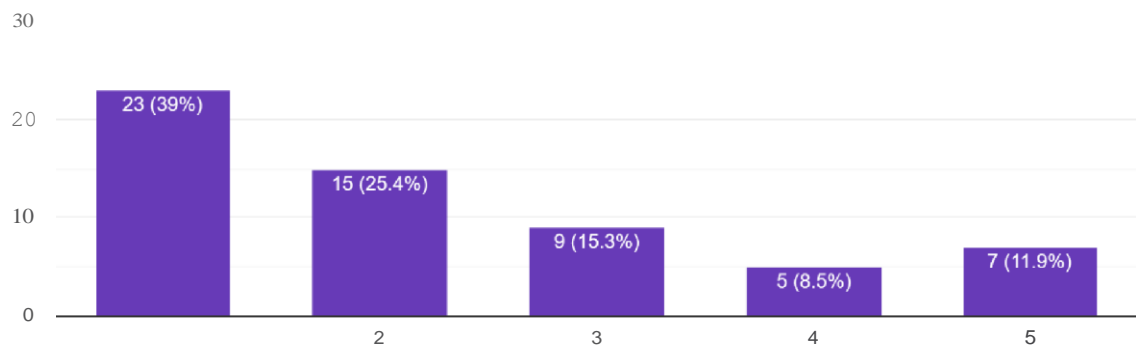
### 4. About speakers

59 responses



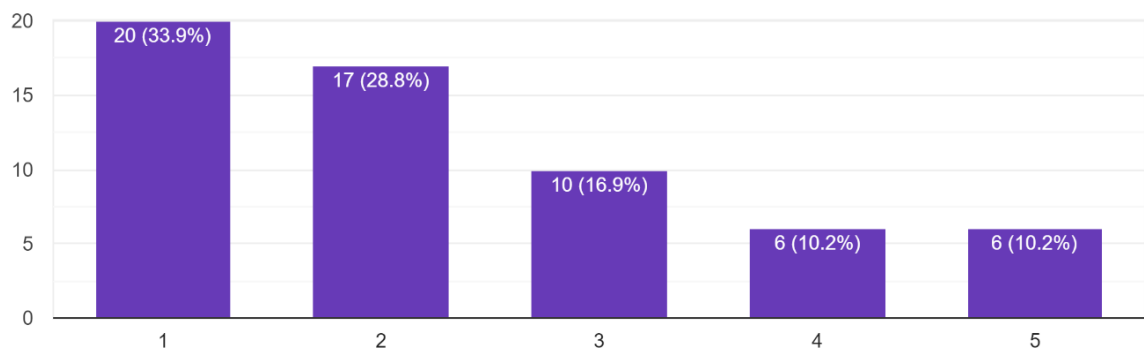
### 5. Relevance of the Contents

59 responses



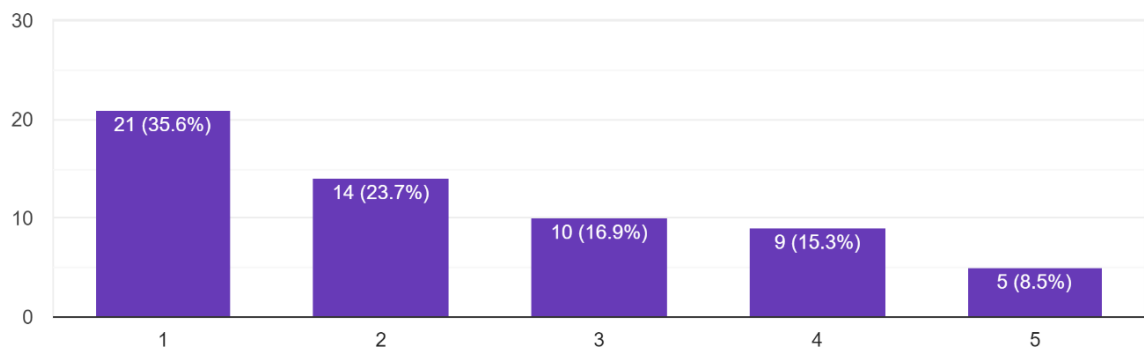
## 6. General Arrangements

59 responses



## 7. Extent of expectations fulfilled

59 responses



## 1. Any Suggestions

22 responses

No

-

Time management should be better

Can be made more interactive

Excellent

Kindly improve time management so that participants could get enough time to explain

Do more such events

Time

Nil

## 8. Media Coverage

हारा आर तासरा बार म पुनाव जातकर विधानसभा पहुंचा।

कैपस डेक्लपमेंट, कैनेटेरिया

कॉन्क्लेव

स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी में आयोजन

# डिजिटल इलेक्ट्रॉनिक्स के क्षेत्र में रोजगार पर बात

**वेधड़क। जयपुर**

स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी, मैनेजमेंट एंड ग्रामोत्थान, जयपुर द्वारा 'प्रदुर्चारिस्टिक अर्चोर्चिनिटी इन डिजिटल ट्रांसफर्मेशन' विषय पर द्वितीय राजनल कॉन्क्लेव स्टूडेंट्स चैप्टर को शुरुआत हुई।

यह सम्मेलन एस्केआईटी के इलेक्ट्रॉनिक्स और संचार इंजीनियरिंग विभाग तथा द इंस्टीट्यूट ऑफ इंजीनियर राजस्थान स्टेट सेंटर के सहयोग से आयोजित किया जा रहा है। क्षेत्रीय सम्मेलन के उद्घाटन समारोह में मुख्य अतिथि प्रोफेसर राहुल बनर्जी (डायरेक्टर एलएनएमआईटी जयपुर), विशिष्ट अतिथि (ई.)



**प्रजेंट किए जाएंगे रिसर्च पेपर**

उद्घाटन सत्र के अंत में डॉ. मुकेश अरोड़ा (विभागाध्यक्ष - ईसीई, हेड ऑफिस ऑफ फैकल्टी अफेयर) ने विभिन्न राष्ट्रीय योजनाओं से छात्रों को तथा प्रतिभागियों को परिचित कराने तथा ज्ञान वर्धन के लिए सभी आगंतुकों को धन्यवाद प्रस्तुत किया। दो दिवसीय इस क्षेत्रीय सम्मेलन में रिसर्च पेपर प्रेजेंटेशन, प्रोजेक्ट एग्जिबिशन तथा पोस्टर प्रेजेंटेशन जैसे कार्यक्रमों का आयोजन किया जाएगा, जिसमें विभिन्न तकनीकी संस्थाओं के छात्र सम्मिलित होंगे। इस सम्मेलन के प्रथम दिन एक्सपर्ट लेक्चर भी आयोजित हुए। कार्यक्रम संयोजक डॉ. स्वाति अरोड़ा, मिस मंजु चौधरी, मिस पूजा चौधरी थे। मंच संचालन मिस स्नेहिया जोसेफ ने किया।

बी. ब्रह्मा रेड्डी तथा (ई.) संजय कुमार चौक जनरल मैनेजर बीएसएनएल राजस्थान रहे। कार्यक्रम की शुरुआत में संस्था के शिक्षाविद निदेशक प्रो. एस. एल. सुराणा ने डिजिटल इलेक्ट्रॉनिक्स

टेक्नोलॉजी के क्षेत्र में निहित अवसरों से सभी आगंतुकों को परिचित कराया। प्रोफेसर राहुल बनर्जी ने डिजिटल ट्रांसफर्मेशन टेक्नोलॉजी के विभिन्न अनुप्रयोगों को विवक्षित किया। इस टेक्नोलॉजी

के क्षेत्र में वैश्विक स्तर पर हो रहे विभिन्न विकास कार्यों पर चर्चा की। (ई.) गुंजन सक्सेना (चेयरमैन आईआईआई राजस्थान स्टेट सेंटर) ने डिजिटल टेक्नोलॉजी के भूतकाल, वर्तमान व भविष्य में विभिन्न

आयामों पर चर्चा करते हुए इस तकनीक से होने वाले वैश्विक स्तर के परिवर्तनों पर चर्चा की। संजय कुमार ने बीएसएनएल राजस्थान की प्रमुख योजनाओं से सभी को अवगत कराया। उन्होंने यह बताया

कि बीएसएनएल ऑप्टिकल फाइबर के माध्यम से ग्रामीण तथा शहरी क्षेत्रों के बीच तकनीकी अंतर को कम कर रहा है तथा आने वाले भविष्य में ग्रामीण क्षेत्रों में प्रमुख उत्थान लाने में प्रयासरत है।

## **Technical Report**

**The inaugural ceremony of the regional conclave witnessed the presence of**

- Chief Guest Prof. Rahul Banerjee, Director LNMIT Jaipur,
- Guest of Honour Er. B. Brahma Reddy, FIE Chairman, AISC, IEI,
- Er. Sanjay Kumar, Chief General Manager BSNL Rajasthan,
- Er. Gunjan Saxena, Chairman-IEI (Rajasthan State centre),
- Er. Sudesh Roop Rai, Hon. Secretary, IEI Rajasthan,

The inaugural was opened up with the welcome address by Prof. S.L. Surana (Director Academics, SKIT Jaipur). The welcome address was followed by some enlightening and motivational words of chief guest and guest of honor highlighting the importance of future opportunities in digital world for participants.

In the session of the **firstday** Er. Kishore Bhagtani GM(CM), BSNL Rajasthan enriched all the participants on evolution of mobile communications-Future ahead. The participants got a lot of knowledge telecom evolution.

In continuity **Second session** was delivered by Dr. Satyasai Jagannath Nanda, MNIT Jaipur revealing the latest overview on the technology ChatGPT.

**With the new day comes, new strength and new thoughts.**

**Second day** was yet energetic and started again with paper presentation session under session chair of **Dr. Praveen Kr. Jain Dy HOD ECE SKIT and Dr. Vinay Kanungo, CS, SKIT**. It was quite knowledge enriching session. The next session was also followed by knowledge of Photonic Crystal fibers through the expert lecture by Prof. Manish Tiwari, Manipal University who shared his expertise.

Second day also witnessed much awaited intercollege events i.e. Poster Competition and Model/Project competition based on digital

transformations. It gave opportunity to all the participants to design attractive projects, models and posters. Students participated enthusiastically in these competitions. The day ended with panel discussion by dignitaries and winner students were awarded with I<sup>st</sup>, II<sup>nd</sup> and III<sup>rd</sup> prizes for each competition i.e. projects, models and posters.

I hope, the discussed areas will be proved as a great beneficial exposure for the participants as they are enlightened with the most widely used advanced tools, and techniques in digital world.

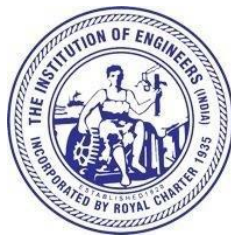
---Thank You-----



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



**A  
Report  
on  
International conference (ICASEMCT-2023)**



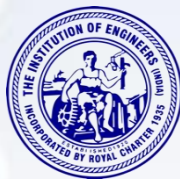
**17<sup>th</sup>-18<sup>th</sup> Feb 2023**

**Hosted by:**

**IE Student's Chapter**

**Department of Electronics & Communication Engineering**

**SKITM&G, Jaipur**



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**Head OFA & ECE, SKIT**

**Prof. Praveen K. Jain**  
**Dy. HoD, ECE, SKIT**

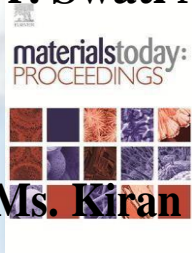
## CONVENERS

**Dr. Monika Mathur**

**Dr. Rukhsar Zafar**

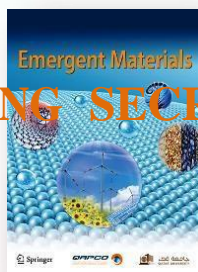
## CO-CONVENER

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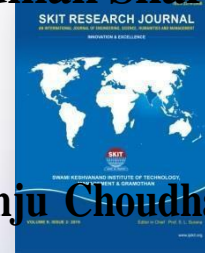


**Ms. Kiran Rath**

**Mr. Neeraj Jain**



## ORGANIZING SECRETARY



**Ms. Manju Choudhary**

**Mr. Abhinandan Jain**

## PUBLISHING PARTNERS



# TECHNICAL SUPPORT

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## Approval Letter

Proposed Events to be Organize in the Session 2022-2023

Sr. No.	Type of Event	Title	Mode	Dates	Name of Coordinators	Any Collaboration	Budget Required
1	International Conference	Recent Advances in Electronics and Communication Technologies (RAECT-2022)	Hybrid	10-11 Feb 2023	Dr. Mukesh Arora	-	1,00,000/-
2	Lecture Series	Recent trends in Electronics and Communication 2.0	Hybrid	10-14 Oct, 2022	Ms. Kiran Rathi Ms. Suman Sharma Dr. Monika Mathur Dr. Vikas Pathak	-	25000/-
X	Lecture Series	Emerging Trends in Electronics Engineering (ETEE-2023)	Hybrid	March 6-10, 2023	Mr. Neeraj Jain Mr. Rahul Pandey Mr. Abhinandan Jain Mr. Sunil Lakshwat Mr. Lalit Lata	-	25000/- <i>Mukesh</i>
4	Workshop	Internet of Things	Hybrid	7-12 Nov. 2022	Dr. Praveen K Jain Ms. Anjana Sangwan Mr. Ankit Agarwal Ms. Pooja Choudhary Ms. Rashmi Dadhich, Ms. Priyanka Sharma Mr. Pallav Rawal	CS Department, SKIT	25000/-
5	Workshop	Signal Processing using Python and MATLAB	Hybrid	16-21 Jan, 2023	Dr. Monika Mathur, Ms. Kiran Rathi, Mr. Harshal Nigam, Dr. Shubhi Jain, Ms. Rajni Idiwat Mr. J. P. Vijay	-	25,000/-
6	FDP	SCILAB	Online	5-17 Dec. 2022	Ms. Priyanka Sharma Ms. Rajni Idiwat	Spoken Tutorial, IIT Bombay	Nil
7	FDP	Smart Electronics and Materials (FDP-SEM)	Hybrid	21-25 Nov. 2022	Dr. Rukhsar Zafar Dr. Swati Arora Ms. Manju Choudhary Ms. Pooja Choudhary	-	50,000/-
X	FDP	Mentoring skills, Counseling and guidance for faculties	Offline	19-23 Dec. 2022	Ms. Suman Sharma, Ms. Kiran Rathi, Ms. Namarata Saxena, Mr. Dinesh Verna	-	50,000/- <i>Mukesh</i>

→ Funds may be expended in accordance to budget approved under head training & travel yes permitted and approved conditionally for financial approval.  
Mukesh.  
28.9.22

*Approved*  
*19/10/2022*  
Mukesh.  
HOD-ECE

## Collaboration Documents

**Pooja Choudhary**  
(Co-Convener, ICANCT-2022)  
Assist. Professor, ECE Department  
SKIT,M&G Jaipur

---

Togapur Pavan Kumar <pavantogapur@immt.res.in>  
To: icanct2022@skit.ac.in

Fri, Dec 10, 2021 at 5:23 PM

Dear Pooja Choudhary,

---

Appreciate your interest to associate with us through MAITRI in organizing this joint program. We will be happy to associate in conduct of this online event, kindly goahead with the program plan/design and update us for possible support in making it a grand success.

We can also discuss as and when required.

Best wishes,  
Pavan

---

Dr T Pavan Kumar, PhD, PGDPL (Patents Law-NALSAR)  
Senior Scientist - Chemistry & IP  
PME / Strategy Planning & Business Development-SPBD  
Coordinator- Intellectual Property & Convener - Business Development  
Convener & Manager - Innovative Technology Enabling Center (InTEC)  
Ethics Officer & Secretary - Standing Ethics Committee-SEC  
Coordinator-MAITRI; Coordinator -Monthly Dir-Staff Meeting  
CSIR-Institute of Minerals and Materials Technology (IMMT)  
Sachivalaya Marg, Bhubaneswar - 751013  
Mobile: 8008105781; Office: 0674-2379294  
Email: pavantogapur@immt.res.in / pavantogapur@gmail.com



Greetings!

*On behalf of the **Emergent Materials Journal, Springer**, we also would like to acknowledge our heartiest and kindest gratitude towards organizing committee of **International Conference on Advancements in Smart Electronics and Materials and Communication Technologies (ICASEMCT\_2023)** to be held between **17-18 Feb 2023**, for bestowing us with the opportunity of this rewarding association. We also would like to extend a very hearty thanks to all for submitting their important work and sharing with us their findings and opinions. This alliance has successfully brought together a fresh set of innovative ideas and some brilliant collaborations.*

*We cannot thank everyone enough for their involvement and their willingness to take on the completion of tasks beyond their comfort zones.*

Best wishes

Dr. Kishor Kumar Sadasivuni,  
Managing Editor, Emergent Materials, Springer.  
Research Assistant Professor  
Center for Advanced Materials,  
Building H10, Zone 6, Room E133, Qatar University, Qatar.  
M: +97450580237 T: +97444036686  
Email: [kishorkumars@qu.edu.qa](mailto:kishorkumars@qu.edu.qa)

## 4. Event Brochure



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

Department of Electronics & Communication Engineering  
*Presents*

**International Conference on  
Advancements in Smart Electronics, Materials and  
Communication Technologies**

**ICASEMCT-2023**  
(February 17-18, 2023)

*In Association With*  
CSIR-IMMT : INTEC-MAITRI, Bhubaneswar

**IMPORTANT DATES**

- 01-11-2022 Paper Submission Open
- 25-12-2022 Deadline for paper Submission
- 05-01-2023 Notification for Acceptance
- 06-01-2023 Registration Start
- 15-01-2023 Registrations Close
- 15-01-2023 Camera Ready Paper Submission
- 17-02-2023 Commencement of the Conference

**FEE DETAILS**  
<https://icasecmct.skit.ac.in/registration.php>

**PAPER SUBMISSION**

Authors can submit paper of original research work through Easy Chair conference management system by using the following link:  
[easychair.org/conferences/?conf=icasecmct2023](https://easychair.org/conferences/?conf=icasecmct2023)

Template for paper :  
[icasecmct.skit.ac.in/images/jpr\\_template\\_2023.docx](https://icasecmct.skit.ac.in/images/jpr_template_2023.docx)

**PUBLICATION PARTNER**





Accepted papers will be published in Web of Science and ESCI Indexed Journal of Polymers and Composites or conference proceedings of ICASEMCT 2023 with ISBN no.

A few selected papers will be published in the journal (Emergent Materials) and SKIT research Journal after peer review process of publisher.

**TECHNICAL SPONSORS**





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Dr. Rukhsar Zaidi, ECE Department, SKIT

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Ms. Pooja Choudhary, ECE Department, SKIT  
Ms. Sunam Sharma, ECE Department, SKIT

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Ms. Manu Choudhary, ECE Department, SKIT  
Mr. Nandraj Jain, ECE Department, SKIT  
Mr. Abhishek Jain, ECE Department, SKIT


icasecmct@skit.ac.in  
icasecmct.skit.ac.in

## Schedule

Day 1: February 17, 2023 (Friday)	
9:30 am- 10:00 am	<b>Inauguration of Program</b> Chief Guest: Dr. P C Panchariya, Director-CSIR-CEERI Pilani Guest of Honor Prof. Mukesh Kumar, Professor & Head of Centre for Advanced Electronics, IIT Indore. Prof. Virendra Singh, Professor, Dept. of Electrical Engg. and Dept. of Computer Science & Engineering, IIT Bombay
10:00 am- 10:30 am	HIGH TEA
10:30 am- 11:15 am	<b>Keynote Talk ( online)</b> Dr. Phichai Youplao, RMUTI, Thailand.
11:15 am- 12:00	<b>Invited Talk 2</b> Dr. Ravi Maddila, Assistant Professor, MNIT Jaipur
12:00-1:30 pm	<b><u>Paper Presentation Session-1</u></b> Session Chair: Dr. Amit Garg, IIIT Kota <b>Paper ID: 8071,3312, 1001, 4555, 1490, 7831</b>
	<b><u>Paper Presentation Session-2</u></b> Session Chair: Dr. Sunanda Sinha, MNIT Jaipur Dr. Yogendra Gupta, SKIT Jaipur <b>Paper ID: 5187,4328,3047, 6201, 5596, 7721</b>
1:30 pm-2:10 pm	Lunch Break
2:15 pm-3:00 pm	<b>Invited Talk 3:</b> Prof. Mukesh Kumar IIT Indore, Professor and Head, CAE, IIT Indore
3:00 pm-3:45 pm	<b>Invited Talk 4:</b> Prof. Virendra Singh, Professor, Department of CSE, IIT Bombay
Day 2: February 18, 2022 (Saturday)	
09:30 am – 10:15 am	<b>Invited Talk-5: (Online)</b> Dr. Sanju Tiwari, VEC, Hyderabad

10:15-11:00 am	<b>Invited Talk-6:</b> (Online) Dr. Jai Vardhan, Assistant Professor, VIT (Amravati)
11:00 am – 1:00 pm	<b><u>Paper Presentation Session-3</u></b> (Online) Session Chair: Dr. Sanjeev K. Metya, NIT AP Dr. Sanjeev Yadav(GEC, Ajmer) <b>Paper ID: 998, 4811, 3133, 8672, 7456, 1003, 1005,1007, 5841,4850</b> <b><u>Paper Presentation Session-4</u></b> (Online) Session Chair: Dr. Jai Vardhan VIT (Amravati) Dr. Vinay Kanungo, SKIT Jaipur <b>Paper ID: 414, 7333, 1004, 4541, 103, 1002, 3248, 4876, 2569</b>
1:15 pm – 2:00 pm	<b>Invited Talk-7</b> (Online): Dr. Tawfik Ismail, Director of WINC Research Center, Director of Wireless Technology Master Program, Nile University, Egypt
2:05 pm -2:30 pm	Valedictory Ceremony

## Invitation Letter



**Swami Keshvanand Institute of Technology,  
Management & Gramothan, Jaipur (India)**

Department of Electronics and Communication Engineering

**invites**  
your benign presence  
in the inaugural ceremony of

International Conference on  
**“Advancements in Smart Electronics, Materials and  
Communication Technologies” (ICASEMCT-2023)**

Date: Feb 17, 2023 Timing: 9:30 am

**Chief Guest**  
Dr. P C Panchariya, Director-CSIR-CEERI Pilani

**Guest of Honor**

**Dr. Mukesh Kumar,**  
Professor & Head of Centre for  
Advanced Electronics,  
IIT Indore.

**Dr. Virendra Singh,**  
Professor, Dept. of Computer  
Science & Engineering,  
IIT Bombay



International Conference on  
“Advancements in Smart Electronics, Materials and Communication Technologies”  
(ICASEMCT-2023)  
Dates: February 17-18, 2023  
organized by  
Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur  
In Association with  
CSIR-IMMT: InTEC, Bhubaneswar

**Chief Guest:** Dr. P C Panchariya, Director-CSIR-CEERI Pilani

**Guest of Honor:**

1. Prof. Mukesh Kumar, Professor & Head of Centre for Advanced Electronics, IIT Indore.
2. Prof. Virendra Singh, Professor, Dept. of Computer Science & Engineering, IIT Bombay

**Minute to minute Program of Inaugural Ceremony**

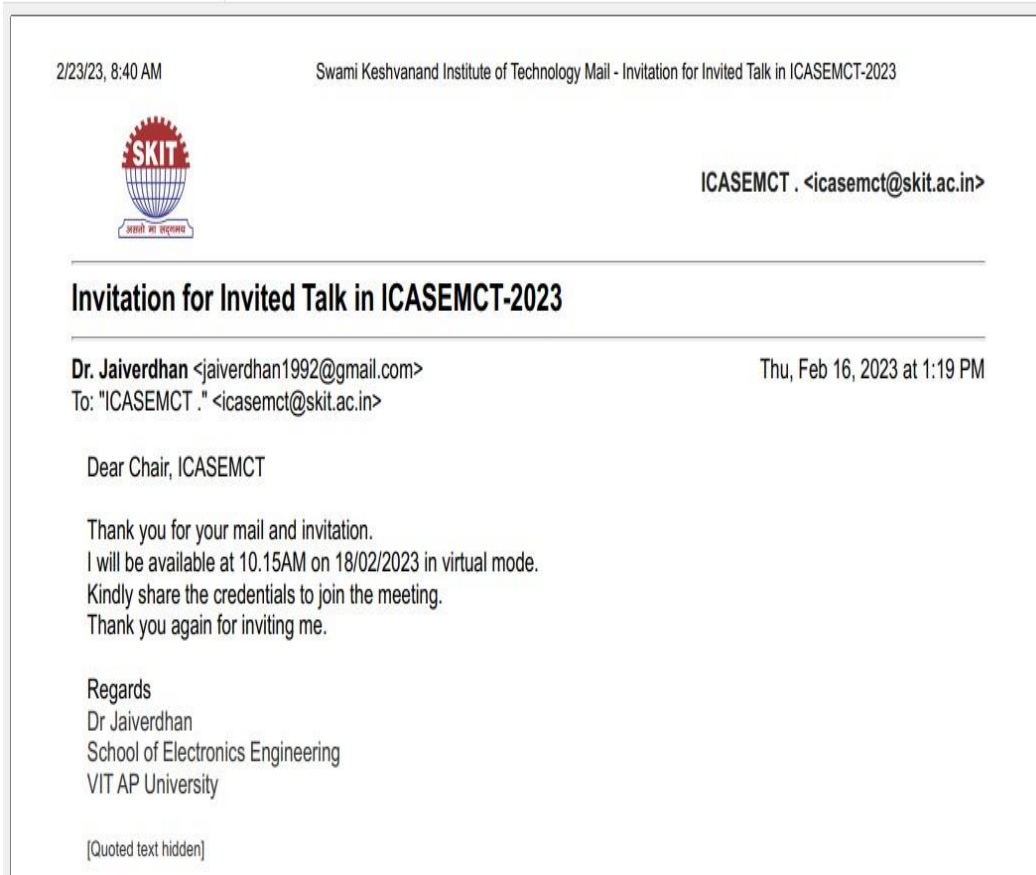
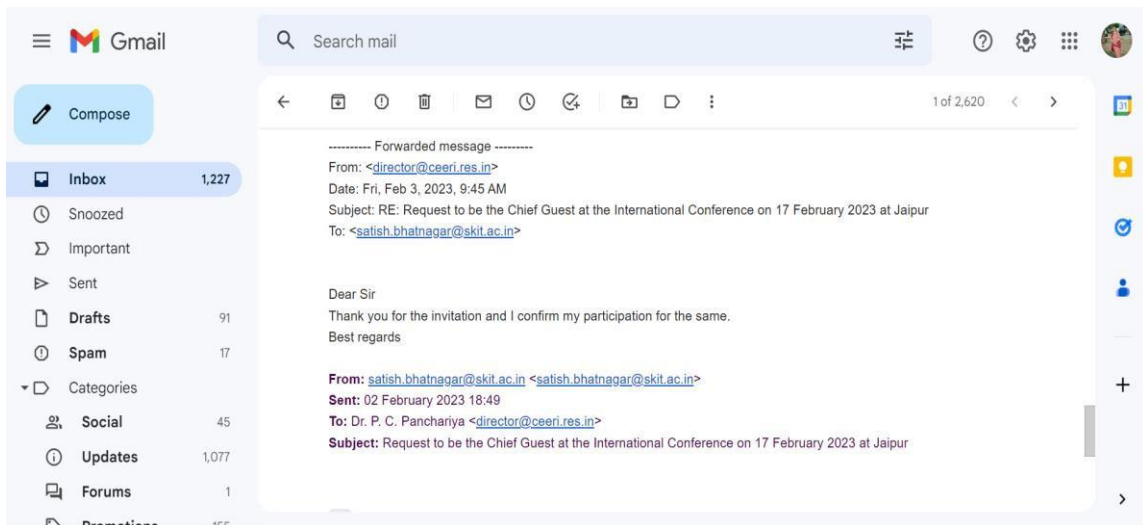
Date: Feb 17, 2023 Timing: 9:30 am

Time	Activity
9:30-9:32 AM	Lamp Lighting
9:32-9:35 AM	Floral Welcome + Memento presentation
9:35-9:40 AM	Welcome Addresses by Prof. S. L. Sarana, Director (Academics), SKIT
9:40-9:45 AM	About Conference by Prof. S K Bhatnagar, Director (Research), SKIT
9:45-9:50 AM	Address by Guest of Honor (Prof. Mukesh Kumar, IIT Indore)
9:50-9:55 AM	Address by Guest of Honor (Prof. Virendra Singh, IIT Bombay)
9:55-10:05 AM	Address by Chief Guest (Dr. P C Panchariya, Director-CSIR-CEERI Pilani)
10:05-10:10 AM	Vote of Thanks- Prof. Mukesh Arora, Head OFA & Dept. of ECE, SKIT
	Group Photo

### **List of Invited Guests and Speakers**

1. Prof. Virendra Singh, Professor, Dept. of Electrical Engg. and Dept. of Computer Science & Engineering, IIT Bombay
2. Dr. Phichai Youplao, RMUTI, Thailand
3. Dr. Ravi Maddila, Assistant Professor, MNIT Jaipur.
4. Prof. Mukesh Kumar IIT Indore, Professor and Head, CAE, IIT Indore
5. Dr. Sanju Tiwari, VCE, Hyderabad
6. Dr. Jai Vardhan, Assistant Professor, VIT (Amravati)
7. Dr. Tawfik Ismail, Director of WINC Research Center, Director of Wireless Technology Master Program, Nile University, Egypt

## Consent of the Speakers





Manju Choudhary &lt;manju.choudhary@skit.ac.in&gt;

**Fwd: [Ref: Prof. Ghanshyam Singh, MNIT India]; invited talk in international conference ICASEMCT 2023, SKIT Jaipur, India**

Rukhsar Zafar &lt;rzafor@skit.ac.in&gt;

Thu, Feb 23, 2023 at 9:43 AM

To: Manju Choudhary &lt;manju.choudhary@skit.ac.in&gt;

----- Forwarded message -----

From: Rukhsar Zafar &lt;rzafor@skit.ac.in&gt;

Date: Sun, Feb 12, 2023 at 10:49 PM

Subject: Re: [Ref: Prof. Ghanshyam Singh, MNIT India]; invited talk in international conference ICASEMCT 2023, SKIT Jaipur, India

To: Phichai Youplao &lt;phichai.yo@rmuti.ac.th&gt;

Dear Prof. Phichai

Greetings!

Hope you are doing great.

I confirm to you that your keynote is scheduled at 10:30 am-11:15 am (IST ) on 17th Feb 2023.

The link to join the event will be shared to you separately through webex.

I request you to kindly join virtually 15 mins before the scheduled time, so that any issues of connectivity can be resolved timely.

I also request you to share your mobile no (preferably whatsapp no)

please feel free to contact in case of any query

regards and thanks

Rukhsar

(Mob: +91-8058318786)

On Wed, Feb 1, 2023 at 12:33 AM Phichai Youplao &lt;phichai.yo@rmuti.ac.th&gt; wrote:

Dear Prof. Rukhsar Zafar,

Thank you for your information.

I would like to confirm my keynote time as scheduled on 17th February 2023 at 10.30 (IST), corresponding to 12.00 (Thailand time).

Best regards,  
Phichai Youplao.

On Wed, Feb 1, 2023 at 3:16 PM Rukhsar Zafar &lt;rzafor@skit.ac.in&gt; wrote:

Dear Prof. Phichai

Greetings!

Hope you are doing great.

Sir, May I schedule your keynote on 17th Feb 2023 at 10:30 am (IST).

regards  
Rukhsar Zafar

On Fri, Jan 6, 2023 at 1:01 AM Phichai Youplao &lt;phichai.yo@rmuti.ac.th&gt; wrote:

Dear Prof. Rukhsar,

<https://mail.google.com/mail/u/2/?ik=71e32b3ce7&view=pt&search=all&permmsgid=msg-f%3A1758588092745612986&simpl=msg-f%3A175858...> 1/2

2/23/23, 8:33 AM

Swami Keshvanand Institute of Technology Mail - Fwd: Invitation of ICASEMCT - 2023



Manju Choudhary &lt;manju.choudhary@skit.ac.in&gt;

**Fwd: Invitation of ICASEMCT - 2023**

Rukhsar Zafar &lt;rzafar@skit.ac.in&gt;

Thu, Feb 23, 2023 at 9:44 AM

To: Manju Choudhary &lt;manju.choudhary@skit.ac.in&gt;

----- Forwarded message -----

From: **Mukesh Kumar** <mukesh.kr@iiti.ac.in>

Date: Thu, Jan 5, 2023 at 10:18 PM

Subject: Re: Invitation of ICASEMCT - 2023

To: Rukhsar Zafar &lt;rzafar@skit.ac.in&gt;

Dear Dr. Rukhsar,

Thanks very much for the invitation. My talk will be on "Chip-scale Devices for Optical Communication and interconnects". Please find attached the required bio.

Warm regards,  
Mukesh

On Thu, Jan 5, 2023 at 10:53 AM Rukhsar Zafar &lt;rzafar@skit.ac.in&gt; wrote:

Dear Prof Mukesh Kumar

Wishing you a very happy and Prosperous New Year!!

First of all, I want to thank you for accepting the invitation of invited (keynote) session in the international conference 'Advancements in Smart Electronics, Materials and Communication Technologies' (ICASEMCT-2023). The conference is scheduled on 17-18 Feb 2023. And we have to complete the conference Souvenir.

In this regard, you are requested to send:

- (1) one page graphical abstract of your invited talk to be published in a conference souvenir
- (2) your brief bio

Thank you.

Regards

Rukhsar

 2023\_Profile\_MK\_EE.pdf  
88K

2/23/23, 8:35 AM

Swami Keshvanand Institute of Technology Mail - Fwd: Seeking your kind consent for expert talk in ICASEMCT 2023



Manju Choudhary <manju.choudhary@skit.ac.in>

---

**Fwd: Seeking your kind consent for expert talk in ICASEMCT 2023**

---

Rukhsar Zafar <rzafar@skit.ac.in>  
To: Manju Choudhary <manju.choudhary@skit.ac.in>

Thu, Feb 23, 2023 at 9:44 AM

----- Forwarded message -----

From: Ravi Maddila <rmaddila.ece@mnit.ac.in>  
Date: Tue, Feb 14, 2023 at 9:37 AM  
Subject: Re: Seeking your kind consent for expert talk in ICASEMCT 2023  
To: Rukhsar Zafar <rzafar@skit.ac.in>

Dear Dr. Rukhsar,  
I accept your kind invitation. I shall be speaking on 'Opportunities in optical wireless communications'.

I will try to attend the inaugural function. I shall be sending the brief cv tomorrow.

With best regards,  
Dr. M. Ravi Kumar  
Asst. Prof., ECE Dept.,  
MNIT Jaipur

On Tue, 14 Feb, 2023, 8:26 pm Rukhsar Zafar, <rzafar@skit.ac.in> wrote:

**Dear Dr. Ravi Maddila**  
**MNIT Jaipur**

Greetings from SKIT Jaipur !!!

It gives me immense pleasure to inform you that Department of ECE, Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT) Jaipur, India is going to organize an International Conference on "Advancements in Smart Electronics, Materials and Communication Technologies" (ICASEMCT 2023) to be held on 17-18 February 2023.

The main objective of the conference is to provide a platform to exchange information and new advancements of the concerning fields among different groups. The conference will be organized in hybrid (online and offline) mode.

**In this regard, I am pleased to invite you for the expert talk in (ICASEMCT 2023). Your expertise and experience in this field of work will be an excellent addition to our program as many of our participants will look forward to hearing and learning from your work**

**Date and timing of the talk is 17th Feb 2023 (Timing: 11:15 am)**

**Please share the title of the talk and one page CV.**

You are also welcome for the inaugural ceremony of the aforesaid conference on 17th Feb 2023 at 9:30 am.

Thank you in advance for any comment, idea or suggestion that you can offer towards the success of the conference.

Please spare some time from your busy schedule to enlighten us with your knowledge.

for further details: <https://icasecmct.skit.ac.in/>

Thank you  
regards

<https://mail.google.com/mail/u/2/?ik=71e32b3ce7&view=pt&search=all&permmsgid=msg-f%3A1758588130457334956&siml=msg-f%3A175858...> 1/2

**Fwd: invitation of ICASEMCT-2023**

Dr. Monika Mathur <monikamathur@skit.ac.in>  
To: manjuchoudharymcc@gmail.com

Thu, Feb 23, 2023 at 8:51 AM

----- Forwarded message -----

From: Sanju Tiwari <tiwarisanju18@ieee.org>  
Date: Fri, Jan 13, 2023, 11:29  
Subject: Re: invitation of ICASEMCT-2023  
To: Dr. Monika Mathur <monikamathur@skit.ac.in>  
Cc: <sanju.tiwari@uat.edu.mx>

Dear Monika

I am honored to accept the invitation.  
Please find my Bio: <https://sites.google.com/view/growwithknowledge/home?authuser=0&pli=1>  
I will share you Talk title and abstract shortly.

Thank You

On Fri, Jan 13, 2023 at 11:02 AM Dr. Monika Mathur <monikamathur@skit.ac.in> wrote:  
Dear Prof Tiwari

Wishing you a very happy and Prosperous New Year!!  
First of all, I want to thank you for accepting the invitation of invited (keynote) session at the international conference 'Advancements in Smart Electronics, Materials and Communication Technologies' (ICASEMCT-2023). The conference is scheduled on 17-18 Feb 2023. And we have to complete the conference Souvenir.

In this regard, you are requested to send:  
(1) one page graphical abstract of your invited talk to be published in a conference souvenir  
(2) your brief bio

Thank you.

Regards

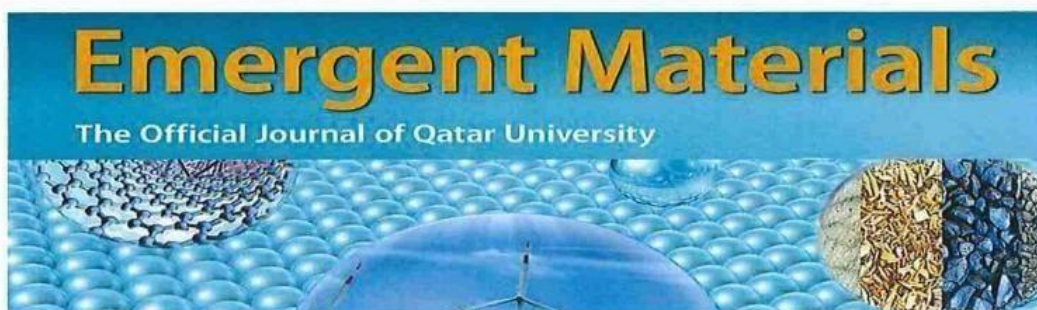
Dr. Monika Mathur

--

Best Regards  
Regards  
Dr. Sanju Tiwari (PhD, Post-Doc), SMIEEE  
Sr. Researcher, Universidad Autonoma de Tamaulipas, Mexico  
Visiting Researcher, InfAI, Leipzig University, Germany  
DAAD Post-Doc-Net AI Fellow  
Speaker on Women Empowerment (IEEE, IETE, NWIT)  
General Chair KGSWC-2022 (Third Indo-American Conference)  
<http://www.kgswc.org/>

"Do what you Love, Love what you do"

## Consent from Publication Partner



**Greetings!!**

On behalf of the **Emergent Materials Journal, Springer**, we would like to appreciate and extend kind regards towards organizing committee of **International Conference on Advancement in Nanoelectronics and Communication Technologies (ICANCT2022)** to be held between **24th-26th February, 2022** for conferring us with the chance of this gratifying association. We would also like to thanks all the participants for submitting and sharing their significant work & findings. This association has successfully brought together innovative ideas, multidisciplinary sciences and some creative collaborations.

**The organizing committee has done a great job in hosting the International Conference ICANCT 2022 and thank you for the high level, and professional service.**

Warm regards,

Dr. Kishor Kumar Sadasivuni,

Managing Editor, Emergent Materials, Springer.

SmartNanoSolutions Group Leader,

<http://www.smartnanosolutions.qa/>

Center for Advanced Materials,

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## List of Paper Accepted

Registered Author	Paper Id	Title
Renu Sharma and Ravi K. Maddila	8071	Investigation of electro-optical characteristic and Structure optimization of PMMA:Bepq2/BCP/Tpbi blue high efficient OLED device
Jyoti Yadav, Suman Sharma and Mukesh Arora	3312	A Microstrip Patch Antenna with DGS in Ka Band for 5G Applications
Kumari Renu	1001	The electric power system of the future is a 'smart grid'
Yazusha Sharma and Rukhsar Zafar	4555	Comparative Study of Silver and Gold Based Plasmonic Refractive Index Sensor
Chitra Dhakar and Devendra Kumar Doda	1490	A parametric Approach for Decision Making of Low-Carbon Building Envelope Design
Manoj Tripathi, Avita Agarwal, Nabisab Mujaawar Mubarak, Krishna Kumar Pandey and Mona Bhatnagar	7831	Enhanced thermal stability and thermophysical properties of high density polyethylene based polymer composite synthesized through compression moulding route
Divya Bharadwaj, Jayprakash Vijay and Monika Mathur	5187	Impact Of Mole Concentration and Well Width on Band Gap and Optical Response of GaInP/AlGaInP Heterostructure
Rajni Idawal, Harshal Nigam and Monika Mathur	4328	A Comparative Analysis of Graphene based Terahertz Reconfigurable Antennas: A Review
Tarun Naruka and Dr Ramesh Kumar Pachar	3047	Comparative Analysis of Non-Isolated Boost Type DC-DC Converters for PV-based Application
Shubhi Jain, Priyanka Jain and Shivam Choudhary	6201	Effects of Parasitic Elements in Microstrip Patch Antenna
Noorjabeen, Vikas Pathak, Rahul Vijay and Kiran Rathi	5596	VLSI Implementation of Swarm Unit for PSO Algorithm
Kishan Kumar Das, Vikas Pathak, Neeraj Jain, Mamta Jain and Sunil Lakhawat	7721	Hardware Implementation of Notch IIR filter
Jaiveer Singh and Vivek Kumar Jain	998	Structural, Electronic and Optical Properties of ZnO material using first principle calculation
Ben Salem Banguena. E.	4811	Exactly-once Stream Processing, High-throughput and Low-latency with Apache Flink <sup>TM</sup>
Shrabani Guhathakurata, Nabin Baran Manik and Sandipan Mallik	3133	A biodegradable transparent substrate from waste materials towards flexible and transient electronics applications
Pranshu Singh Rawat, Mukur Gupta and Manish Srivastava	8672	Optimization of energy storage for renewable energy sources: a brief overview

Mahashree Tamta and Sandeep Jain	7456	A review paper on detection of Power Quality Disturbances Using Wavelet Transform
Pooja Choudhary	1003	Smart Energy meter-Review
Sarjana Borana	1005	GWO Based Optimal Allocation of Shunt Capacitor for minimizing Overall Cost of Distribution Systems
Swati Arora	1007	
Amol Wable, S. B. Patil, S. S. Pardeshi, ...	5841	FE and Experimental Investigation of Thermal Analysis of Friction Stir Process
Prati Jain	4850	Innovative Security Technology for KYC Documents Record Maintenance
Renu Sharma and Ravi K. Maddila	414	Analysis of electro-optical Parameters for cobalt blue high efficient Organic Light-Emitting Diode Device Structure
Suman Sharma and Mukesh Kumar	7333	Design and analysis of a compact size 4-element MIMO antenna for millimeter wave 5G communication system.
Kiran Rathi	1004	Quantum Dots: A review
Abhinandan Jain, Lalit Kumar Lata and Dr. Praveen Kumar Jain	4541	Tin oxide (SnO <sub>2</sub> ) based Thin Film Transistor: A Review
Manju Choudhary	103	Effect of dielectric and Active layer thickness on Thin Film Transistors Characteristics
Dinesh Kumar	1002	Design and development a touch and hand sanitizer dispenser Machine
Priyanka Sharma and Rukhsar Zafar	3248	A Study of Deutsch Jozsa Algorithm on Computational Basis
Vinita Mirdha, Dr. Deepak Bhatnagar, Virender Kumar Saxena and Brajraj Sharma	4876	Circularly Polarized Patch Antenna with Gain Enhancement using Reflector
Jyoti Srivastava, Jay Prakash and Rahul Chakravorty	2569	A Review of Stateless Opportunistic Forwarding Analysis of Latency in Intermittently Connected Networks

## Objective and Outcome of the event

### Objective of the Conference:

- To bring together leading academicians, researchers and research scholars to exchange and share their experiences and research results on all aspects of Electronics, Materials and communication technology.
- To provide a good learning platform to the students, research scholars and faculty to exchange views and share information with National and International experts who are deeply involved in research in the field of Nanoelectronics and Communication technologies.
- To encompass latest research outcomes in the form of theoretical models, environmental impact, security and defense technology, innovative designs, enhancements and improvements in existing frameworks, sustainable technological advancement, societal welfare etc.
- To bring together the best minds from around the world to cover literally all aspects of energy technology from a multi-disciplinary perspective

### Outcomes:

The conference was an initiative to provide a common platform for researchers working in the field of Electronics, materials and communication to share knowledge and ideas for technological advancements. The participants were able to understand the need of today to combine different ideas of researchers working in different domains to develop cost-effective and reliable technology for day-to-day life. This conference brought a positive transformation in the participant's attitude about their research work and get them more focused as well as result oriented. Conference provided an ideal environment to develop new collaborations and meet experts on the fundamentals, applications, and products of the mentioned fields.

## Technical Report

Two day International conference (ICASEMCT-2023) was organized by the department of Electronics and Communication Engineering, SKIT Jaipur in association with CSIR-IMMT, InTEC-MAITRI Bhubaneswar. The conference was technically sponsored by IRIS-WORLD, JV Micronics and IETE Jaipur Center. ICASEMCT 2023 was inaugurated in the benign presence of Chief Guest Dr. P.C. Panchariya Director CSIR-CEERI Pilani, and Guest of honor Prof. Mukesh Kumar Professor IIT Indore and Prof. Virendra Singh, IIT Bombay on February 17, 2023. The Souvenir was unveiled by Dr. S.L. Surana, Director (Academics), SKIT, Dr. S.K. Bhatnagar, Director (Research), SKIT, Dr. Mukesh Arora, Head ECE Department, SKIT, Dr. P C Panchariya, Prof. Mukesh Kumar and, Prof. Virendra Singh.

Dr. P.C. Panchariya CSIR-CEERI Pilani brief about progress in semiconductor chips. He also enlightened the participants about development of Smart Materials. Journal of Polymer and Composite, **Journal of Emergent Materials** (Springer) and **SKIT Research Journal** graciously accepted to be publication partners of ICASEMCT-2023. Conference papers of original & unpublished research work under the scope of the journal were published by these journals after peer review process. The first day of conference was enlightened by Dr. Phichai Youplao, RMUTI, Thailand and he delivered a keynote lecture on quantum key distribution. Dr. Ravi Maddila MNIT Jaipur as the invited speaker highlighted the importance of Opportunities in optical wireless communications. The next two sessions were paper presentations. Dr. Amit Garg, Assistant Professor, IIT Kota, Dr. Sunand Sinha, Asst. Prof., MNIT Jaipur and Dr. Yogendra Gupta, SKIT Jaipur were the session chairs of the sessions. The next technical sessions were engaged by Prof. Mukesh Kumar, IIT Indore and Prof. Virendra Singh, IIT Bombay. They highlighted Chip-scale Devices for Optical Communication and interconnects and issues in designing robust smart system respectively. Day 2 was started with much Awaiting session of Dr. Sanju Tiwari, VCE, India. She emphasized on Semantic Modeling in IoT and eHealth Applications. Followed by it, Dr. Jaiverdhan highlighted the importance of Circularly Polarized Antenna Designs- Recent Trends and Developments. Next two parallel presentation sessions were held. The last session was enlightened by Dr. Tawfik Ismail, Nile University Egypt. He shed light on Free-Space-Optical Quantum Key Distribution Systems. Day 2 was ended with the valedictory ceremony. Total 31 papers were presented in 4 different sessions and best presentation award was being awarded in each session.

---Thank You----

Swami Keshvanand Institute of Technology Management & Gramothan  
Ramnagar, Jagatpura, Jaipur-302 017, Rajasthan, India

## Screenshots of the Event



Swami Keshvanand Institute of Technology Management & Gramothan  
Ramnagar, Jagatpura, Jaipur-302 017, Rajasthan, India



Swami Keshvanand Institute of Technology Management & Gramothan  
Ramnagar, Jagatpura, Jaipur-302 017, Rajasthan, India

## Sample Copy of Certificate

## Participation Certificate

	<p>INTERNATIONAL CONFERENCE ON  "ADVANCEMENTS IN SMART ELECTRONICS, MATERIALS AND  COMMUNICATION TECHNOLOGIES"  <b>(ICASEMCT-2023)</b>  (February 17-18, 2023)</p>	
<p>Organized by  <b>Department of Electronics and Communication Engineering</b>  <b>Swami Keshvanand Institute of Technology, Management &amp; Gramothan, Jaipur</b>  In Association with CSIR-IMMT: InTEC-MAITRI, Bhubaneswar</p>		
<p><b><i>Participation Certificate</i></b></p>		
<p>This is to certify that Prof. / Dr. / Mr. / Ms. <u>MANU CHOUDHARY</u>  of <u>Swami Keshvanand Institute of Technology, M.G. Jaipur</u> presented a paper  entitled <u>Effect of Dielectric and Active Layer thickness on Thin film Transistor</u>  in the International Conference on "Advancements in Smart Electronics, Materials and Communication  Technologies (ICASEMCT-2023)".</p>		
 <b>Prof. (Dr.) S.L. Surana</b> Director(Academics)	 <b>Prof. (Dr.) Ramesh K. Pachar</b> Principal	 <b>Dr. T. Pavan Kumar</b> CSIR-IMMT
 <b>Prof. (Dr.) Mukesh Arora</b> General Chair, ICASEMCT		
		

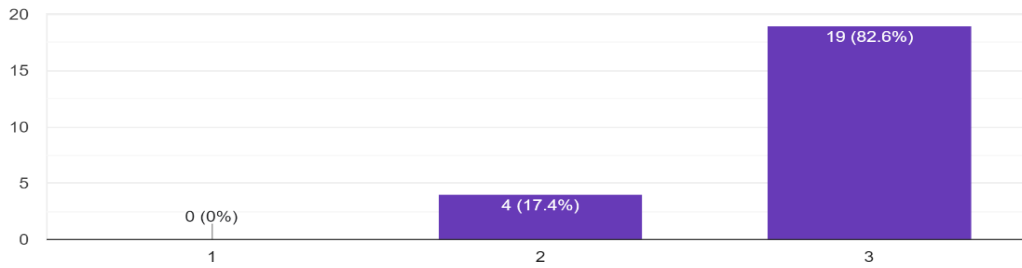
Swami Keshvanand Institute of Technology Management & Gramothan  
Ramnagar, Jagatpura, Jaipur-302 017, Rajasthan, India

## Feedback report

### a. Feedback:

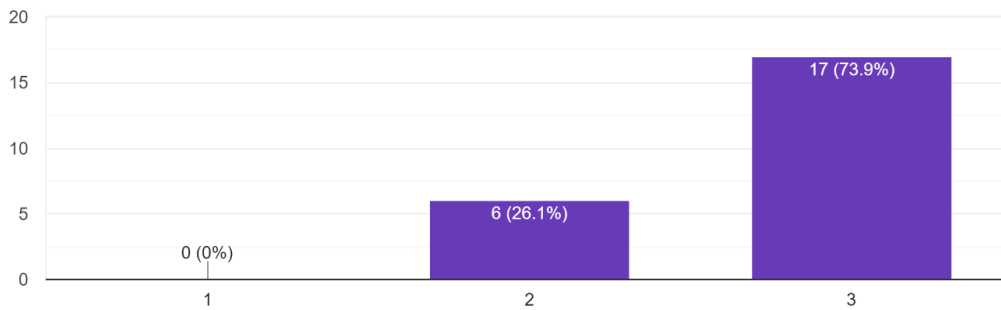
#### 1. Your experience about the Conference.

23 responses



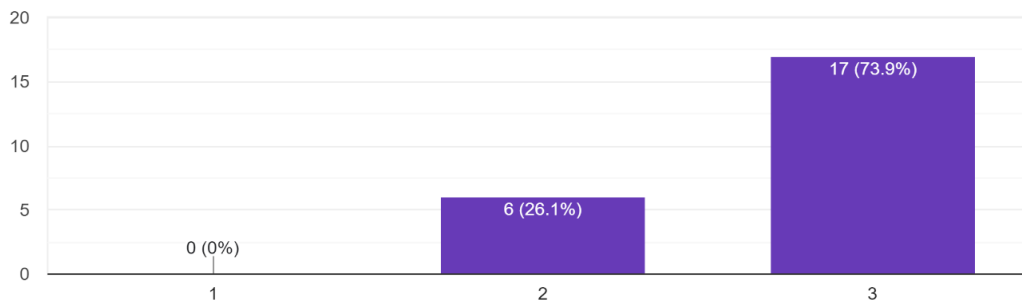
#### 2. Knowledge enhancement.

23 responses



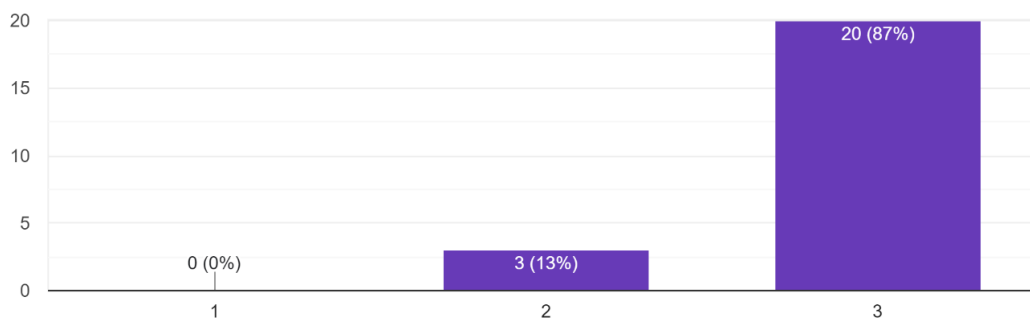
#### 3. Relevancy of topics

23 responses



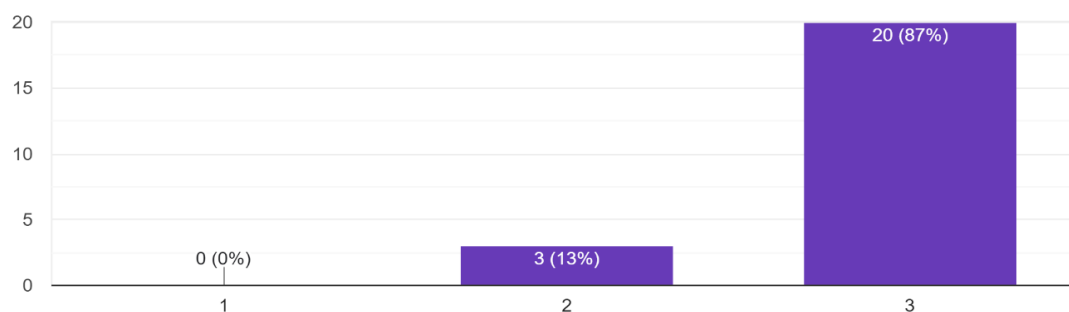
## 4. About speakers

23 responses



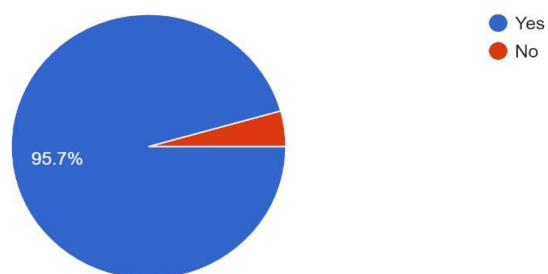
## 5. General Arrangement

23 responses



## 6. In future do you want to attend such Conferences at this Institute (SKIT, Jaipur).

23 responses



## 7. Topics that can be covered in the next conference?

23 responses

Materials with holographic imaging

Nanotechnology and material science

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Ramnagar, Jagatpura, Jaipur-302 017, Rajasthan, India

Topics related to renewable energy, Energy storage may be a very relevant topic

Artificial Intelligence

More about nanotechnology

Related to microwave electronics

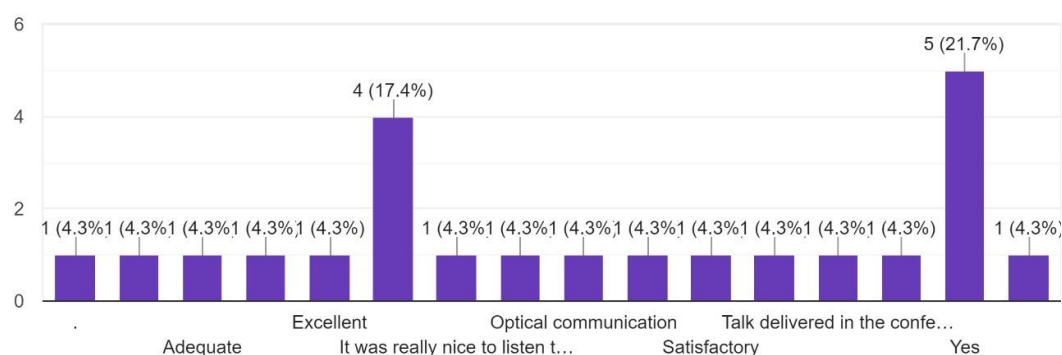
Iot

Smart grid

Converters for future

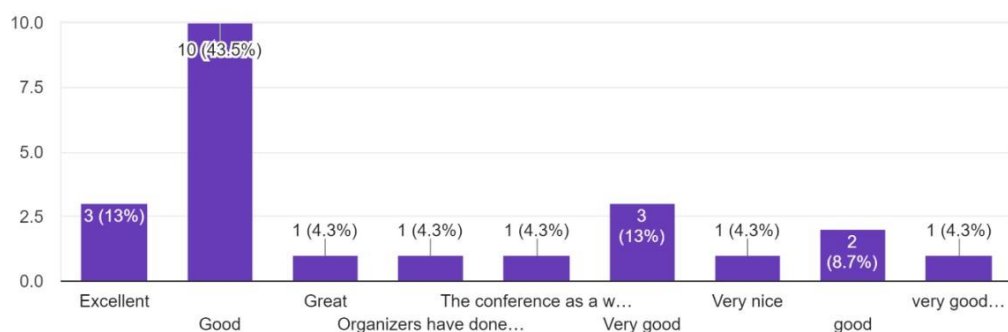
#### 8. Knowledge gained by the expert lectures of speakers.

23 responses



#### 9. Overall experience of the conference.

23 responses



#### 9. Any Suggestions

23 responses

No

NA

It was good

General questionnaire with experts

Pls provide the plag copy of paper ..

I have nothing more to say. Wish you all the best.

It was good to attend the sessions

.

poster presentation can be added in this conference.

Everything was OK

nope

Conference is good

Na

## Media Coverage

News of this event was covered by different Newspapers. Some newspaper cuttings are as follows:

**दो दिवसीय अंतरराष्ट्रीय सम्मेलन  
सेमीकंडक्टर चिप निर्माण  
से भारत होगा आत्मनिर्भर**



**पत्रिका plus रिपोर्टर**

जयपुर. स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी, मैनेजमेंट एंड ग्रामोथन जयपुर की ओर से एडवांसमेंट्स इन स्मार्ट इलेक्ट्रॉनिक्स मैटेरियल्स एंड कम्युनिकेशन टेक्नोलॉजी विषय पर दो दिवसीय अंतरराष्ट्रीय सम्मेलन का हो रहा है। यह सम्मेलन इलेक्ट्रॉनिक्स और संचार इंजीनियरिंग विभाग की ओर से सीएसआईआर-आईएमएमटी आईएनटेक भुवनेश्वर के सहयोग से हुआ। मुख्य अतिथि सीएसआईआर-सीईईरी पिलानी के डायरेक्टर डॉ. पीसी पंचारिया, विशिष्ट अतिथि आईआईटी इंदौर के प्रो. मुकेश कुमार व प्रो. वीरेंद्र सिंह रहे। डॉ. पंचारिया ने कहा कि हमारा देश सेमीकंडक्टर चिप निर्माण के पथ पर अग्रसर है तथा आने वाले भविष्य में आत्मनिर्भर भारत अभियान की सफलता के लिए इस क्षेत्र में शोध की आवश्यकता है। निदेशक डॉ. एसएल सुराणा ने वर्तमान एवं भविष्य में संबंधित विषय की प्रासंगिकता बताई।

## एसकेआईटी में अंतरराष्ट्रीय सम्मेलन



जयपुर (सीमा सन्देश)। एसकेआईटी जयपुर में 'एडवांसमेंट्स इन स्मार्ट इलेक्ट्रॉनिक्स मैटेरियल्स एंड कम्युनिकेशन टेक्नोलॉजी' विषय पर दो दिवसीय अंतरराष्ट्रीय सम्मेलन आयोजित हुआ। सीएसआईआर-आईएमएमटी, आईएनटेक भुवनेश्वर के सहयोग से आयोजित की गई। मुख्य अतिथि सीएसआईआर-सीईईरी पिलानी डॉ. पीसी पंचारिया ने कहा कि हमारा देश सेमीकंडक्टर चिप निर्माण के पथ पर अग्रसर है तथा भविष्य में आत्मनिर्भर भारत अभियान के उज्ज्वल सफलता हेतु इस क्षेत्र में शोध की आवश्यकता व अवसर दोनों ही निहित हैं। विशिष्ट अतिथि आईआईटी इंदौर के प्रो. मुकेश कुमार ने छात्रों को प्रोत्साहित किया कि वह शोध के माध्यम से एक आधुनिक व पर्यावरण हितैषी सिस्टम का निर्माण करें, तथा एक बेहतर भविष्य की संरचना करें। विशिष्ट अतिथि आईआईटी बॉम्बे के प्रो. वीरेंद्र सिंह ने भविष्य में स्मार्ट इलेक्ट्रॉनिक्स और हाई स्पीड कम्युनिकेशन की उपयोगिता बारे बताया। निदेशक, शिक्षाविद् डॉ. एसएल सुराणा ने अतिथियों का स्वागत किया और वर्तमान एवं भविष्य में संबंधित विषय की प्रासंगिकता को समझाया। प्रो. एसके भटनागर ने सभी एक्सपर्ट्स की सराहना की तथा इस कार्यक्रम को छात्रों तथा शोधकर्ताओं के लिए बहुत उपयोगी बताया। देश-विदेश के प्रतिभागियों ने इस सम्मेलन में ऑनलाइन व ऑफलाइन हिस्सा लिया। इस कॉन्फ्रेंस में कुल सात एक्सपर्ट लेक्चर आयोजित हुए तथा 31 रिसर्च पेपर प्रेजेंटेशन किए गए।



Two-days International Conference on Advancements in Smart Electronics, Materials and Communication Technologies" (ICASEMCT-2023) concluded at SKIT Management and Gramothan, Jaipur on Saturday. The valedictory function was graced by benign presence of the Chief guests Prof Tawfik Ismail, Director- Wireless Intelligent Networks Research Center, Nile University, Giza, Egypt. Prof. Mukesh Arora, Head, Dept. of ECE and OFA (SKIT) enthused the gathering with his motivational words. In the last day of conference, 3 expert talks were delivered. Prof. Tawfik Ismail, emphasized on the Quantum key distribution technique and its vital role in wireless and satellite communication during his session. Dr Sanju Tiwari, discussed the concepts of Semantic model in IoT. The organising secretary of ICASEMCT 2023 were Neeraj Jain, Manju Choudhary, Kiran Rath and Abhinandan Jain.



जयपुर सिटी भास्कर 19-02-2023

## स्मार्ट इलेक्ट्रॉनिक्स मटीरियल्स एंड कम्युनिकेशन टेक्नोलॉजी पर सम्मेलन



सिटी रिपोर्टर | जयपुर

एसकेआईटी कॉलेज में शनिवार को एडवांसमेंट्स इन स्मार्ट इलेक्ट्रॉनिक्स मटीरियल्स एंड कम्युनिकेशन टेक्नोलॉजी विषय पर दो दिवसीय अंतरराष्ट्रीय सम्मेलन शुरू हुआ। पहले दिन 4 एक्सपर्ट लेक्चर हुए। इसमें आर.एम.यू.टी.आई थाईलैंड से डॉ. पिचई ने ऑनलाइन क्वांटम के डिस्ट्रिब्यूशन पर प्रेजेंटेशन दिया। एमएनआईटी के प्रो. रवि मंडिला ने वायरलेस ऑप्टिकल कम्युनिकेशन विषय पर हाई स्पीड कम्युनिकेशन के अवसरों को समझाया।

प्रो. मुकेश कुमार ने सिलिकॉन फोटोनिक्स पर आधारित ऑप्टिकल कम्युनिकेशन, कंप्यूटिंग व इंफॉर्मेशन स्टोरेज पर प्रेजेंटेशन दिया। जबकि प्रो. वीरेंद्र सिंह ने स्मार्ट इलेक्ट्रॉनिक सिस्टम्स के डिजाइन और प्रमुख चुनौतियों पर बात की। गौरतलब है कि यह सम्मेलन इलेक्ट्रॉनिक्स और संचार इंजीनियरिंग विभाग की ओर से सीएसआईआर-आईएमएमटी: आईएनटेक भुवनेश्वर के सहयोग से हो रहा है।

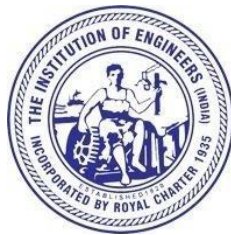
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Ramnagar, Jagatpura, Jaipur-302 017, Rajasthan, India



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



**A  
Report  
on  
Student Oriented Lecture Series  
on  
Emerging Technology**



**21<sup>st</sup>-23<sup>rd</sup> September 2022**

**Organized by:  
IE Student's Chapter  
Department of Electronics & Communication Engineering**

Swami Keshvanand Institute of Technology Management & Gramothan  
Ramnagar, Jagatpura, Jaipur-302 017, Rajasthan, India

**Name of the event:** Student Oriented Lecture Series on Emerging Technology

**Date of the event:** 21-23 Sept 2022

**Mode of the event:** Online

### **Objectives**

1. Select appropriate resources to use in planning for new technologies.
2. Discuss key impact factors and trends affecting our personal and global existence.
3. Recognize key futurists and future organizations.

### **Outcomes**

The participants of the lecture series will be able to understand the importance of field. Emerging technologies play a vital role in the modernization of industries. New technologies help in transforming enterprises into a digital world. This technology is mainly helpful in manufacturing, energy and mobility markets.

# Index

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4. Participants List	5-9
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## 1. Event Brochure



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

**IE(I) STUDENT'S CHAPTER  
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
ORGANIZING**

**STUDENT ORIENTED LECTURE SERIES  
ON  
EMERGING TECHNOLOGIES**

**Date: 21st Sept. - 23rd Sept. 2022**

**Register through Link: [shorturl.at/FNPT8](https://shorturl.at/FNPT8)**

**TOPICS**

**CYBER SECURITY** BY MR. PRASHANT JOSHI, ASSISTANT PROFESSOR,  
GOVT. POLYTECHNIC COLLEGE, BARMER

**COMPETITIVE PROGRAMMING: BOOST UP PROBLEM SOLVING SKILLS** BY  
MR. VIPIN JAIN, ASSOCIATE PROFESSOR, IT DEPT., SKIT, JAIPUR

**TECHNOLOGICAL INNOVATIONS IN EDUCATION-TECHED** BY DR. MEHUL  
MAHRISHI ASSOCIATE PROFESSOR, IT DEPT., SKIT, JAIPUR

**IMAGE PROCESSING** BY DR. SUSHEELA VISHNOI, ASSOCIATE PROFESSOR,  
IT DEPT., SKIT, JAIPUR

**BIG DATA ANALYTICS** BY MR. NAVEEN JAIN, ASSOCIATE PROFESSOR, IT  
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**E-CERTIFICATES WILL BE PROVIDED TO ALL THE PARTICIPANTS**

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## 2. Invited Guests

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3.	Dr. Mehul Mahrishi	Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur
4.	Mr. Naveen Jain	Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur
5.	Dr. Sushila Vishnoi	Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

## 3. List of Participants (SKIT-Faculty)

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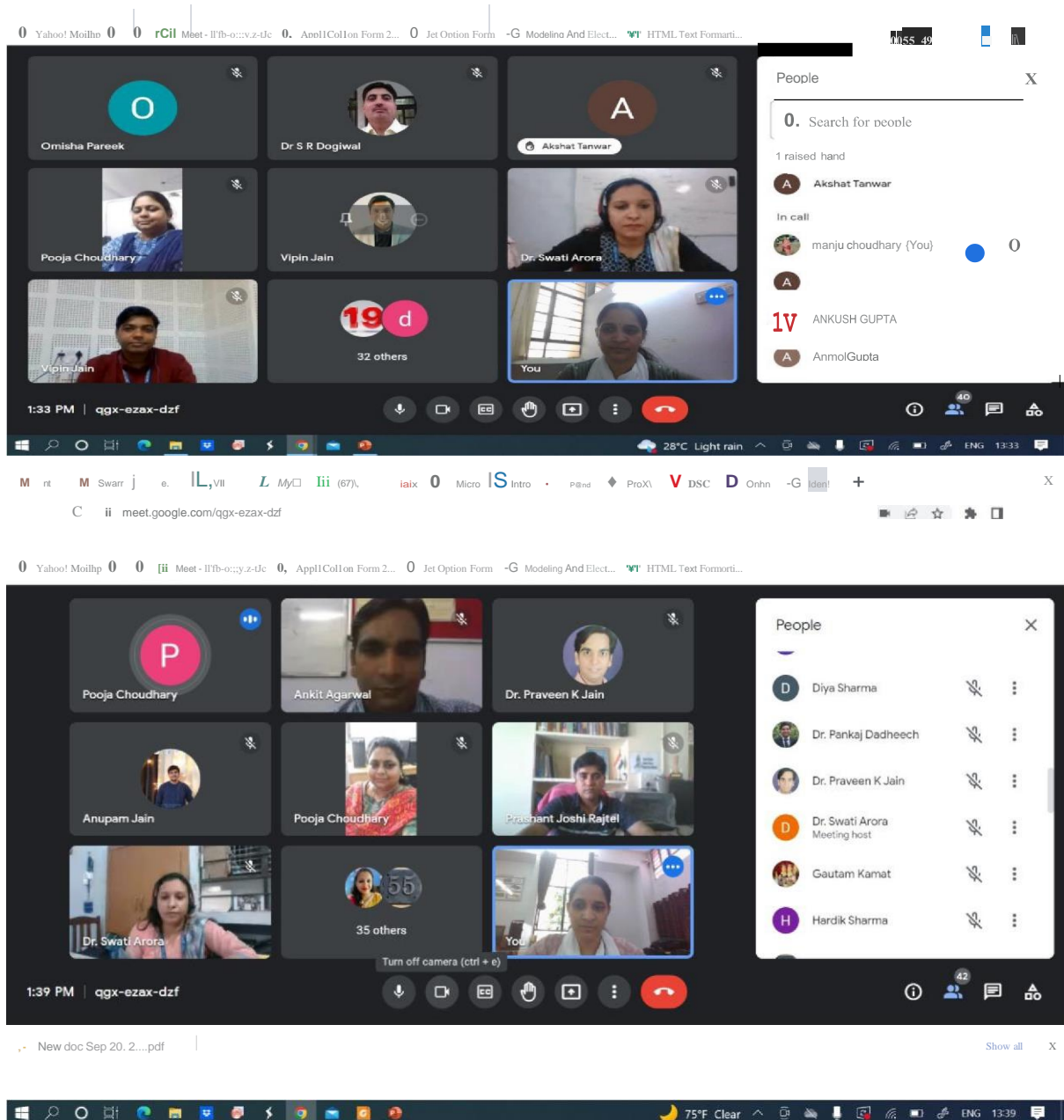
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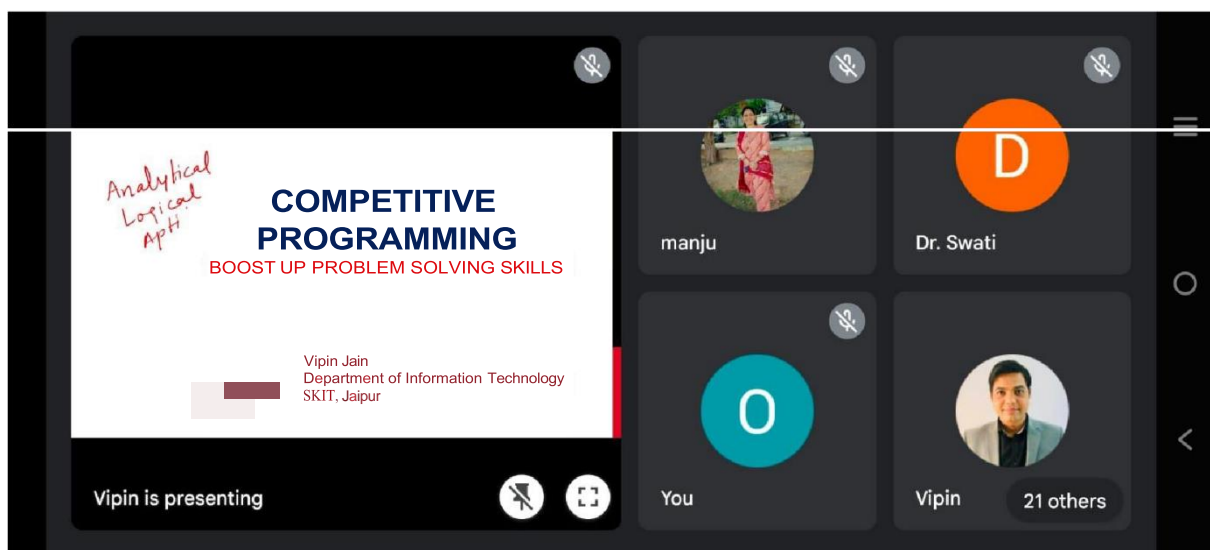
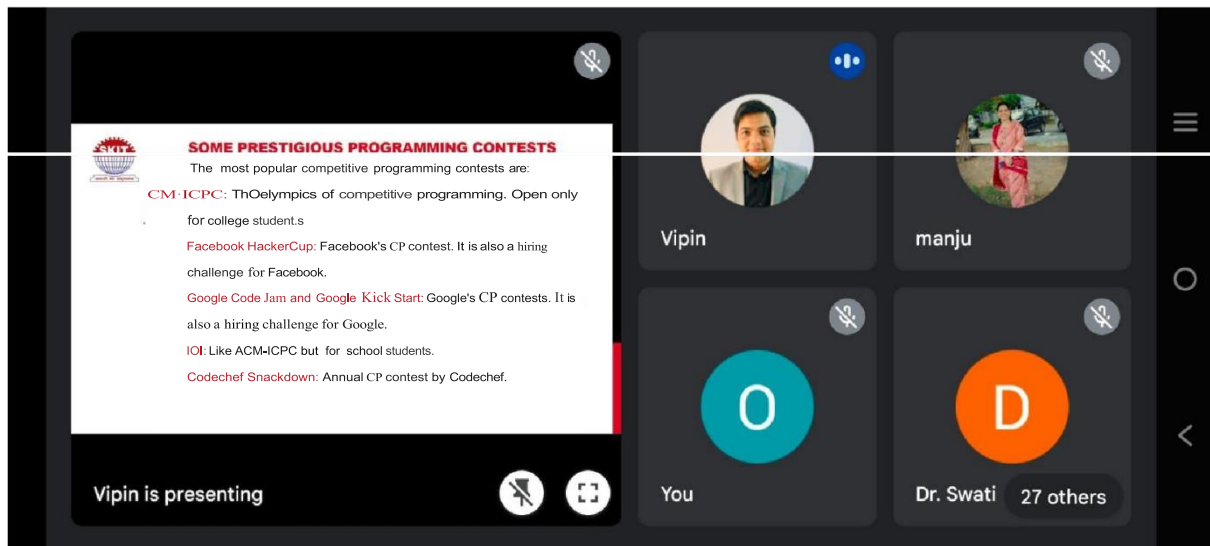
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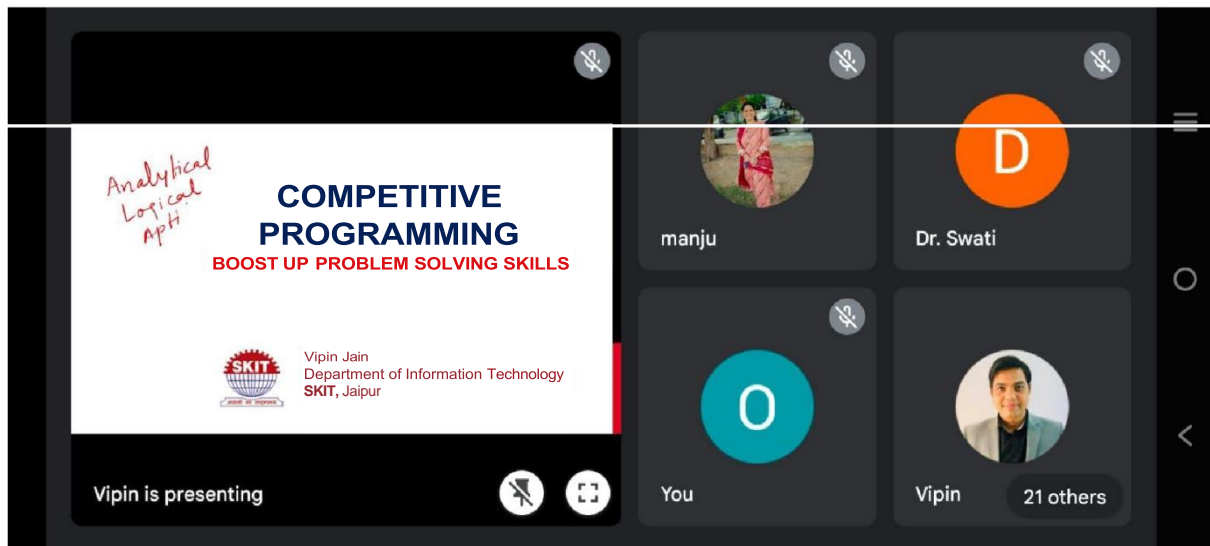
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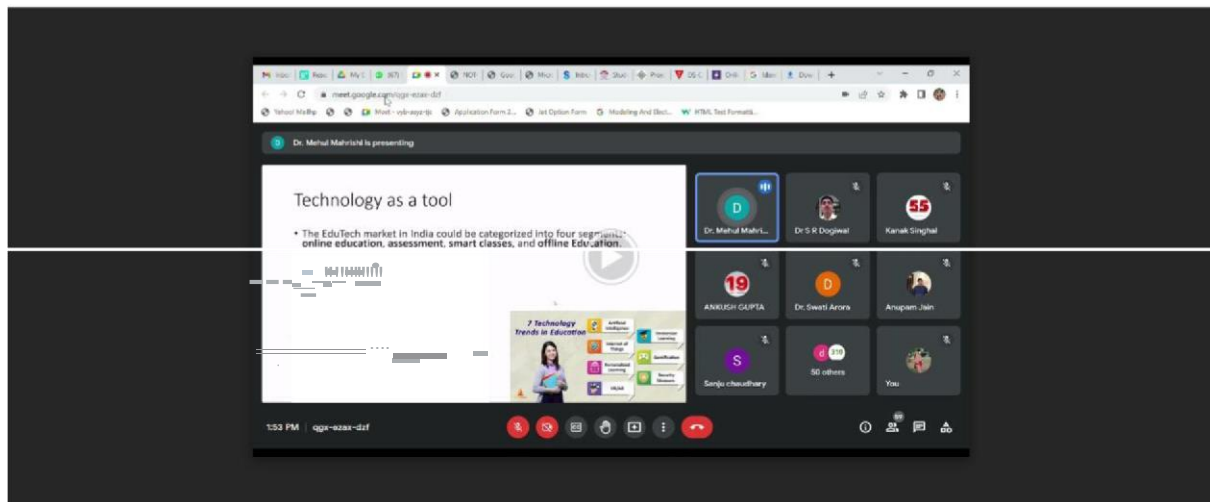
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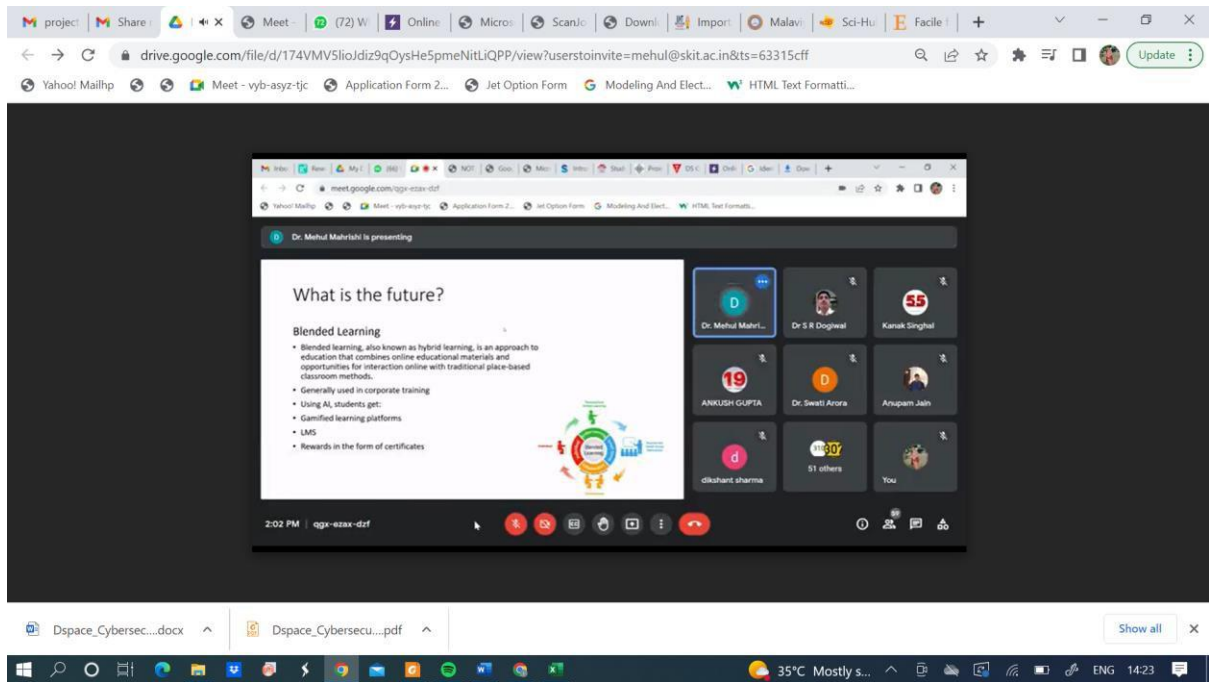


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## Sample Copy of Certificate

### Participant Certificate



**Swami Keshvanand Institute of Technology,  
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## Certificate of Participation

Ref: SKIT/IEI/2022/COCS/<<Sr. N>>

This is to certify that <<Full name>> participated in an alumni interaction session on “Career Opportunities in Cyber Security”, organized by **IE(I) Student’s Chapter, Department of Electronics and Communication Engineering, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur** on Jan. 15, 2022.

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*Mukesh*

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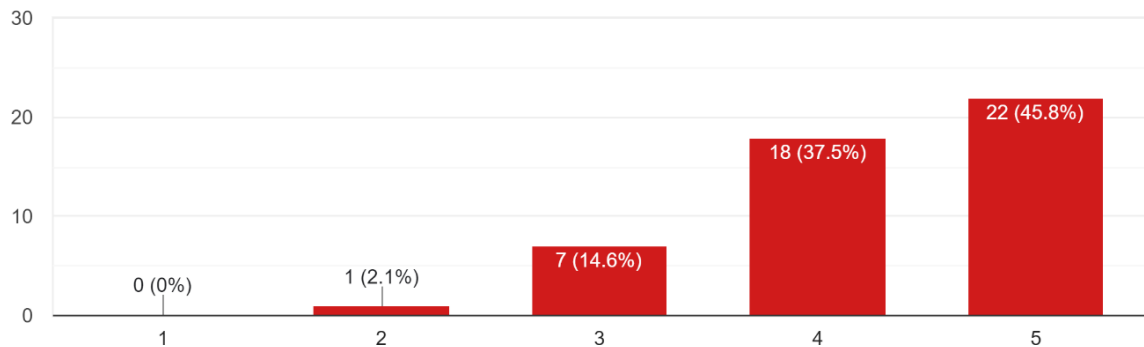
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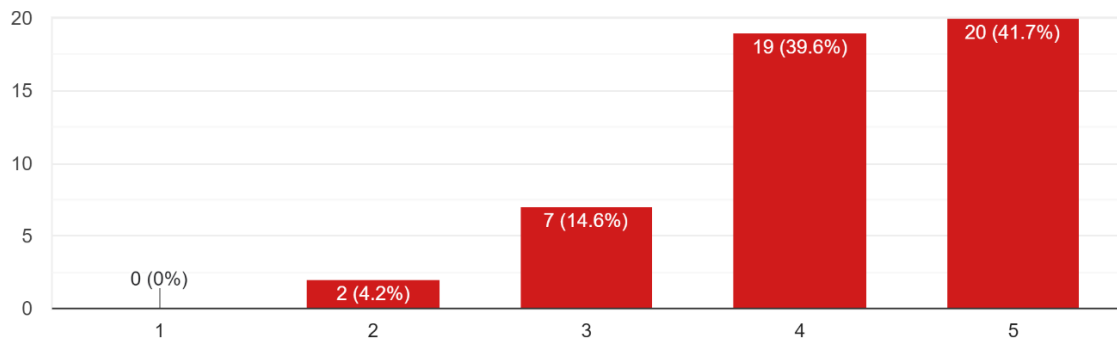
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## Feedback report

### 2. Your experience about the workshop

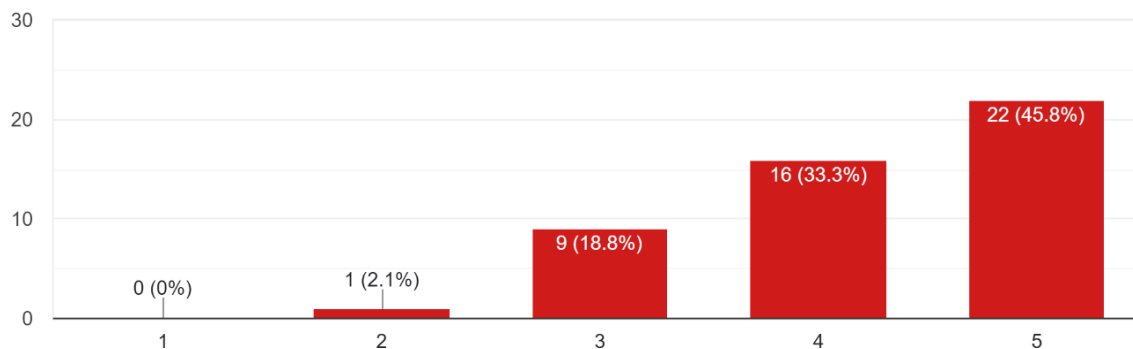


### 3. Overall, how do you rate the program you attended in terms of usefulness and effectiveness?

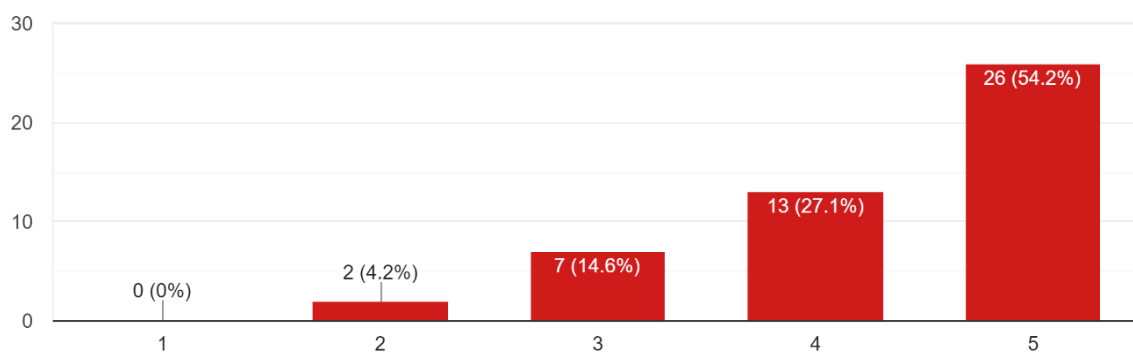


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#### 4. How do you rate the content of the interaction?



#### 5. About speaker



#### 6. Up to which extent this session will help to build your career

