IoT Club

Table of Contents

- IoT Gems 3.0 -Hands on Training (06-06-2023)
- IoT Gems 4.0 -Hands on Training (28-10-2023)
- BOOT CAMP ON "BASIC DRONE TECHNOLOGY" on 12-02-2024
- Expert Talk by Dr. Akash Agarwal on 'Futuristics 6G Wireless Technologies' (16-01-2023)
- Expert Talk by Dr. Satya Prakash Singh on 'Statistics in Data Science' (17-01-2023)
- Robothon and Circuit Mania Event by IoT Club at IGNITIA 2024.

IoT Gems 3.0

Date: 10-06-2023 & 24-06-2023 **Duration:** College Hours

Objective:

In an effort to foster knowledge and practical skills in the realm of embedded systems and the Internet of Things (IoT), PSIT IoT Club proudly presents IoT Gems 3.0. This two-day event, scheduled on 10-06-2023 and 24-06-2023 during college hours, combines a captivating quiz session and a hands-on training workshop. Our objective is to enrich students' understanding of current trends in IoT and empower them with practical insights into the embedded world.

Event Overview:

IoT Gems 3.0 is a dynamic initiative by the PSIT IoT Club, offering a unique blend of education and practical application. The event kicks off with an engaging quiz on 10th June 2023, serving as a prelude to a comprehensive two-day hands-on training workshop. The venue spans from J-34 to J-36 and L-31 to L-34.

A total of 122 registrations were received, and after a rigorous selection process, 50 students emerged as finalists. We extend our heartfelt congratulations to the winners selected for the IoT Gems 3.0 hands-on training.

Training Program Schedule:

- **Venue: J 33, ECE department, PSIT Kanpur**
- **Day 1: 10-06-2023 (4 hours)**

- **Day 2: 24-06-2023 (4 hours)**

Session Timing:

- **10:00 AM - 12:00 PM: Session 1**
- **2:00 PM - 4:00 PM: Session 2**

Don't miss the opportunity to enhance your skills and delve into the exciting world of IoT

Total participants: 50

Gallery

IOT
Gems 3.0
Sponsored By
AICTE - SPICES (Scheme for Promoting Interests, Creativity and Ethics among Students)
OFFLINE MODE TRAINING MODULE
June 10, 2023
• Introduction to IoT
• Installation of IoT Necessary Software
• Introduction of hardware like: Arduino Board, ESP series board, Raspberry Pi Board
• Input / Output Device & Sensor Interfacing with Microcontroller
June 24, 2023
• Sending the sensor data to the server
• Home automation through IoT server
• Concept of robotics & operation of robot through IoT server
• Live demo and working explanation of IoT based projects
Resource Persons
Mr. Ankit Jain
Assistant Professor
ECE Department, PSIT
Mr. Shailendra Sinha
Assistant Professor
ECE Department, PSIT
Faculty Co-ordinators
Dr. Shailendra Singh | Dr. Puspraj Singh Chauhan | Mr. Ankit Jain | Mr. Shailendra Sinha
ECE, J-34, PSIT Campus
www.psit.ac.in

AICTE - SPICES (Scheme for Promoting Interests, Creativity and Ethics among Students)

Sponsored

A QUIZ ON IOT [INTERNET OF THINGS]

WINNERS

FOR

IOT GEMS 3.0 OFFLINE TRAINING

#	NAME	ROLL NO.	#	NAME	ROLL NO.
1	Aditya Chopra	2101641550011	26	Nikunj Agarwal	2101641540058
2	Ritik Gangwar	2101641530124	27	Harshit Sharma	2101641550042
3	Yashika Singh	2101641540107	28	Anshuman Yadav	2101640100052
4	Divyansh Pratap Singh	2101641540035	29	Smriti Gupta	2101641540092
5	Devashish Mishra	2101641550035	30	Satyam Singh	2101641540078
6	Ujjwal Shukla	2101640310079	31	Shivanshu Kumar	2101640310071
7	Shubhansh Sharma	2101640310073	32	Pratik Sachan	2101640310055
8	Prateek Dubey	2101640310052	33	Diksha Singh	2101640310027
9	Ankit Kumar Jha	2101640310012	34	Akash Tripathi	2101640310008
10	Suvidhi Singh	2101641540096	35	Adarsh Nigam	2101641550010
11	Prashasti Tripathi	2101640310051	36	Aditya Gupta	2101640310003
12	Anuj Agnihotri	2101641550021	37	Nikhil Singh	2101640310047
13	Prateek Singh	2101640310053	38	Yash Marolia	2101640310090
14	Nitya Pandey	2101640310050	39	Pragati Singh	2101641550055
15	Himanshu Rajput	2101640310033	40	Vaishali Pandey	2101640310082
16	Insha Qadir	2101641540045	41	Yash Tripathi	2101641540100
17	Abhinav Singh	2101641550005	42	Rishabh Verma	2101641530122
18	Chhama Yadav	2101641550033	43	Abhishek Kumar	2101641540004
19	Ankit Jain	2101641530028	44	Mansi Shukla	2101641540051
20	Prachi Srivastava	2101641540083	45	Anamika Singh	2101641540015
21	Deepali Gupta	2101641540031	46	Sonu Gupta	2101641550077
22	Princy Sharma	2101641540088	47	Muskan Kushwaha	2101640310044
23	Nakul Balaiwar	2101641540055	48	Prateek Singh	2101640310054
24	Shruti Singh	2101641550073	49	Shubhi Gupta	2101641540090
25	Anuradha	2101641530033	50	Aradhya Trivedi	2101641540021

Faculty Co-ordinators

Dr. Shailendra Singh | Dr. Puspraj Singh Chauhan | Mr. Ankit Jain | Mr. Shailendra Sinha

ECE, J-34, PSIT Campus

INSTITUTION'S INNOVATION COUNCIL
PSIT Kanpur
SPICES
IoT Club organises
A QUIZ ON
IOT
[INTERNET OF THINGS]
FOR SPECIALIZED HANDS-ON TRAINING ON SMART IoT BASED SYSTEMS
Sponsored By : AICTE - SPICES (Scheme for Promoting Interests, Creativity and Ethics among Students)
www.psit.ac.in
Quiz Date: June 6, 2023 | Time: 1:00 pm - 1:15 pm
Registration Link: https://forms.gle/1nS3qWEsKfSuzNzi9
Last Date of Online Registration : June 5, 2023
Test Venues: J-34 to J36, L-31 to L-34
Registration Link
For any query contact with Faculty Co-ordinators
Dr. Shailendra Singh | Dr. Pushpraj Singh Chauhan | Mr. Ankit Jain | Mr. Shailendra Sinha
ECE, J-34, PSIT Campus

IOT CLUB

IOT CLUB

Organized By
PRANVEER SINGH INSTITUTE OF TECHNOLOGY
Sponsored by
AICTE - SPICES (Scheme for Promoting Interests, Creativity and Ethics among Students)

IOT Gems 3.0

CERTIFICATE OF APPRECIATION

This certificate is presented to

Dr. Shailendra Singh

for Excellent Planning and Realistic Execution in the Conduction of
2 Day Hands On Training Program 'IOT GEMS 3.0' as 'IOT Coordinator & Club Ambassador'
Organized by IoT Club of Pranveer Singh Institute of Technology, Kanpur in association
with IIC & IETE, India on June 10, 2023 and June 24, 2023.

Prof. Rajivendra Singh
HOD (ECE)

Prof.S. K. Bhatia
Director, PSIT, Kanpur

www.psit.ac.in

IoT Gems 4.0

Date: 28-10-2024 **Duration:** College Hours

Objective:

1. The main objective of this IoT training program under the umbrella of IoT club is to produce skilled students and to develop ability in students, so that they can understand current embedded world and IoT (Internet of Things).

2. The aim of this training program is to make the students to learn the basics of interfacing so that, students would be able to develop embedded & IoT based projects at their own.

3. Finally, students will come up with a project idea on the basis of which students would be able to prepare a project.

Event Overview: Event Overview:

Prepare for a transformative experience with IoT Gems 4.0, set to unfold on October 28, 2023, within the confines of college hours. Hosted by the IoT Club, this comprehensive training program seeks to cultivate skilled students, empowering them with the knowledge and abilities to navigate the intricacies of the current embedded world and the Internet of Things (IoT).

Key Objectives:

Skill Development: The primary goal is to nurture proficiency among students, fostering a deep understanding of the contemporary embedded world and IoT.

Basics of Interfacing: Through hands-on engagement, the program is designed to instill the foundational principles of interfacing, enabling students to autonomously craft projects in the realms of embedded systems and IoT.

Project Ideation: As a culmination of the program, students will be encouraged to conceive a project idea. This not only reinforces their learning but also provides a platform for students to develop innovative projects independently.

Total participants: 57

Gallery

AICTE - SPICES (Scheme for Promoting Interests, Creativity and Ethics among Students)

Sponsored

A QUIZ ON IOT [INTERNET OF THINGS]

WINNERS

FOR IOT GEMS 4.0 OFFLINE TRAINING

#	NAME	ROLL NO.
1	Ria Kalra	2101640130081
2	Siddhi Sharma	2201641720105
3	Shailesh Kumar	2201640100269
4	Richa Singh	2201641520134
5	Suvansh Arora	2201640130113
6	Arun shukla	2201641530046
7	KESHAVI VERMA	2201640100181
8	Anshu Gupta	2201641720022
9	anubhav	2201640310023
10	Tushar Kumar	2201640130118
11	Anuradha Singh	2201640310025
12	Anjali Yadav	2201640310018
13	Ashutosh Awasthi	2201640100094
14	tanishk porwwal	2216401301115
15	Anshika Singh	2201640310022
16	Pragati Srivastava	2201641530116
17	Mansi Katiyar	2201641520101
18	Akash Kapoor	2201640100037
19	AKHIL NAYAN MISHRA	2201640100040
20	Mauli Shukla	2201640310066
21	bhumika singh	2201640310044
22	AFTAB ALAM	2201640100030
23	Aditi Gupta	2201640310008
24	Snehal Vishwakarma	2201641630057
25	sneha gaur	2201640100290
26	Arjun singh	2201641630014
27	Anam Fatima	2201640100046
28	Aryan Dwivedi	2201640100083
29	Vatsal Goil	2201641720115
30	Ashi Sengar	2201641630018
31	ayushman awasthi	2206403100 42
32	Akansha Verma	2201641550014
33	VIDHI OMER	2201640100323
34	shriyanshigupta	2210641002 83
35	Tushar Sonkar	2201641720109
36	NITESH SACHAN	2101640130051
37	Sneha Choudhary	2201640100289
38	Sneha Prajapati	2201640100293
39	Raghav Agrawal	7607322606
40	mayank gupta	2201641550069
41	Shweta Singh	2201640100287
42	Adarsh Shukla	2201641550007
43	Shubh Gupta	2201641520213
44	Nikhil Yadav	2201641630038
45	Ayushi Gupta	2201641550043
46	Manya Malhotra	2101640130044
47	Shivam	2201641530163
48	Khushi Mishra	2101640130042
49	Rohan Uttam	2201641530145
50	Alok Singh	2201641530022
51	aryan verma	2201641520294
52	Abhay awasthi	2201641520201
53	Kanishka Gupta	2201641550056
54	Yogendra singh	2101640130066
55	Pragya Mishra	2201641530117
56	Vatsalya Singh	2201641630061
57	Aman Vishwakarma	2201641550022

Faculty Co-ordinators

Dr. Shailendra Singh | Dr. Puspraj Singh Chauhan | Mr. Ankit Jain | Mr. Shailendra Sinha

ECE, J-34, PSIT Campus

INSTITUTION'S INNOVATION COUNCIL
PSIT
Kanpur
SPICES
IOT
Gems 4.0
Sponsored By
AICTE - SPICES (Scheme for Promoting Interests, Creativity and Ethics among Students)
OFFLINE MODE TRAINING MODULE
28th October, 2023
• Introduction to IoT
• Introduction of hardware like: Arduino Board, ESP series board, Raspberry Pi Board
• Sending the sensor data to the server
• Home automation through IoT server
• Live demo and working explanation of IoT based projects
Resource Persons
Mr. Ankit Jain
Assistant Professor
ECE Department, PSIT
Mr. Shailendra Sinha
Assistant Professor
ECE Department, PSIT
Faculty Co-ordinators
Dr. Shailendra Singh | Dr. Puspraj Singh Chauhan | Mr. Ankit Jain | Mr. Shailendra Sinha
ECE, J-34, PSIT Campus
www.psit.ac.in

INSTITUTION'S INNOVATION COUNCIL
PSIT
Kanpur
SPICES
A QUIZ ON
IOT
[INTERNET OF THINGS]
FOR
SPECIALIZED HANDS-ON TRAINING ON SMART IoT BASED SYSTEMS
Quiz Date: 6th October, 2023 | Time: 1:00 pm - 1:15 pm
www.psit.ac.in
Registration Link: https://forms.gle/1S8KUv2s2LnRqWtE9
Registration Link
Last Date of Online Registration : 5th October, 2023
Test Venues: J-34 to J36, L-31 to L-34
For any query contact with Faculty Co-ordinators
Dr. Shailendra Singh | Dr. Pushpraj Singh Chauhan | Mr. Ankit Jain | Mr. Shailendra Sinha
ECE, J-34, PSIT Campus

PSIT
IOT Gems 4.0
Organized by
PRANVEER SINGH INSTITUTE OF TECHNOLOGY
CERTIFICATE OF PARTICIPATION
This certificate is presented to
Anshika Singh
for participating in Hands-On Training Program "IOT GEMS 4.0"
Organized by IoT Club of Pranveer Singh Institute of Technology, Kanpur
in association with IIC & IETE, India
on October 20, 2023.
Dr. Shailendra Singh
Coordinator-IOT Club
Prof. Raghvendra Singh
HOD (ECE)
Prof. S. K. Bhatia
Director, PSIT, Kanpur

ignitia 23
PSIT
HURDLE RACE

agnitia'23
ROBO HURDLE RACE

Expert Talk

Date: 12-02-2024 **Durations:** College Hours

Greetings of the day!

We are pleased to share with you the report on the recently conducted workshop, **"BOOT CAMP ON DRONE TECHNOLOGY FUNDAMENTALS"** in collaboration with the Government of Uttar Pradesh through Dr. A.P.J. Abdul Kalam University. The workshop was successfully organized by Vymanik Aerospace on **12-02-24 at SH2, PSIT Kanpur.**

Key Details:

- **Keynote Speaker:** Arpit Singh (Manager Operations), Vymanik Aerospace
- **Venue:** SH2, PSIT Kanpur
- **Date:** 12-02-24 (10:00 AM Onwards)
- **Website:** Vymanik Aerospace

About Vymanik Aerospace: Vymanik Aerospace stands as a Customized Drone Manufacturer and a nationwide leader in Aerial Surveillance, Mapping & Inspection services. Headquartered at Atal Incubation Centre BIMTECH Greater Noida, Vymanik Aerospace is funded and supported by the DST Govt of India, StartInUP, and StartUPIndia. The organization has collaborated with prestigious entities such as the Indian Army, Tata Solar, Adani Solar, Renew Power, L&T, NHAI, Indian Railway, NSG Commandos, and the German Development Bank.

Recently, Vymanik Aerospace initiated its Education wing to address the industry education gap. This involves imparting Drone Training and Skill Upgradation through workshops, Internships, and DGCA-approved Drone Pilot Training.

About the Workshop: The one-day workshop brought together industry experts, future workforce participants, and technologists to explore the potential of the growing Drone Industry. The workshop covered crucial aspects such as rules, requirements, tools, constraints, and entrepreneurship/job opportunities in the drone industry, providing insights into real-life applications.

Total Participants: 40 students

We are delighted to inform you that Vymanik Aerospace will be providing e-certificates to acknowledge the achievements of the workshop participants.

Please find attached the photographs and related documents.

Thank you for your continued support.

Expert Talk

Date: 17-01-2024 **Durations:** College Hours

An **Expert talk** by **Dr. Akash Agarwal,** Assistant Professor in the Department of ECE of NIT Patna.

He delivered an expert lecture at PSIT Kanpur on **16 Jan 2024** under a broad topic related to ***Futuristic 6G Wireless Technologies***.

Dr. Agarwal brings a wealth of academic expertise and practical industry knowledge to his current roles, contributing significantly to the advancement of telecommunications technologies. His dedication to education, coupled with an extensive research background, makes him a valuable asset in both academic and industry settings.

Total Number of Student participated: 142

Total Number of faculty Participated: 17

Dr. Akash Agarwal - Bio brief

Welcome to the professional journey of Dr. Akash Agarwal, an accomplished Assistant Professor in the Department of Electronics and Communication Engineering (ECE) at the prestigious National Institute of Technology (NIT) Patna.

Education:

- Ph.D. in Electrical Engineering, Indian Institute of Technology Patna (Jan'15–Oct'19)
- M.S. in Electrical & Computer Engineering, Hong Kong University of Science and Technology (HKUST) (Sep'10–Aug'11)
- B.Tech. in Electronics & Communication Engineering, Uttar Pradesh Technical University, Lucknow (Jun'05–Jul'09)

Research Expertise: Dr. Agarwal specializes in several cutting-edge areas within the field of electrical engineering, with a focus on 5G wireless systems (PHY layer design), Satellite Communications (Digital Video Broadcasting), Cooperative Relay Networks, Multicarrier Communications, and WLAN Systems.

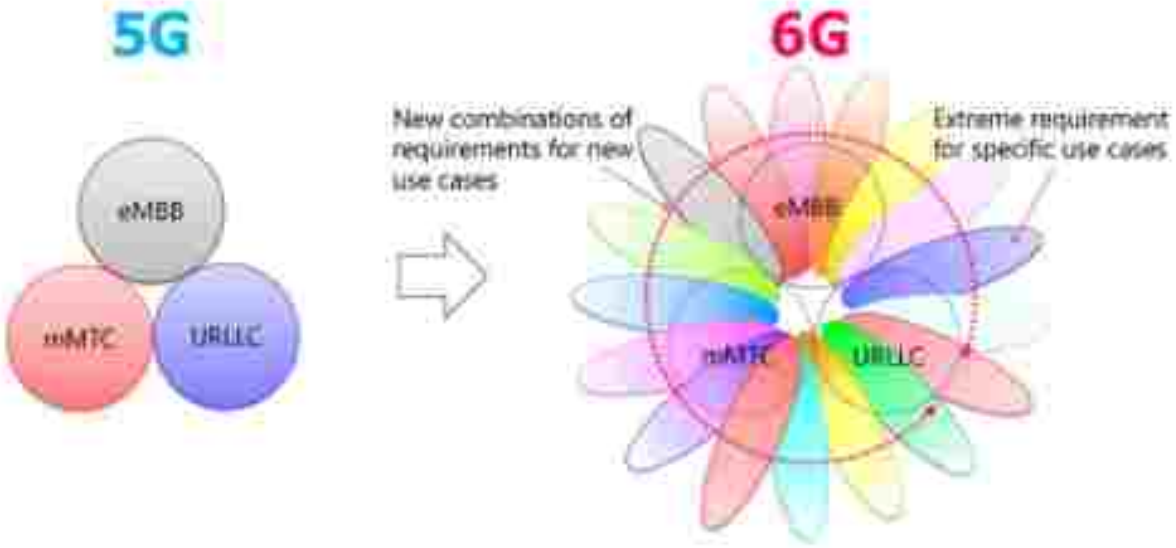
Work Experience:

- **Assistant Professor, NIT Patna (Dec'22–Present):**
  - Courses taught: Digital Communications, Advanced Communication Engineering, Digital Electronics, MIMO Communications.
  - Additional Duties: Online Coordinator, Student Counselling.
- **Network Engineer, Boeing India Pvt. Ltd., Bengaluru (Dec'19–Present):**
  - Affiliated with Boeing Research and Technology (BR&T).
- **Assistant Professor, BITS Pilani, Rajasthan:**
  - Previous academic position.
- **Project Engineer, ZTE Telecom India Pvt. Ltd., Gurgaon (New Delhi):**
  - Relevant industry experience.

This Talk Covers:

5G-Advanced towards 6G: Discussion on Key Wireless Technologies

Evolution from 5G to 6G: Use case specific



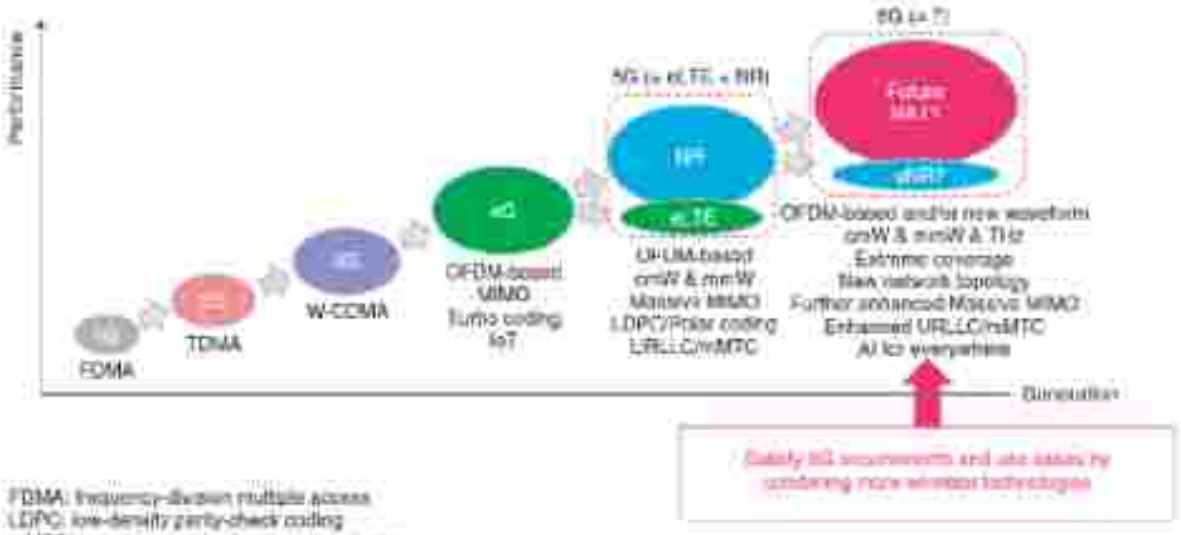
Use cases for futuristic 6G

- Automation industry
- Terahertz communication
- Internet of many things
- Security/Privacy
- Cell-free networks
- Extended coverage

Use cases for futuristic 6G

- Automation industry
- Terahertz communication
- Internet of many things
- Security/Privacy
- Cell-free networks
- Extended coverage

Evolution towards 6G



FDMA: frequency-division multiple access
LDPC: low-density parity-check coding
mMTC: massive machine type communications
TDMA: time-division multiple access
W-CDMA: Wideband Code Division Multiple Access

Figure: Evolution of mobile communication systems towards 6G.

Requirements for 6G

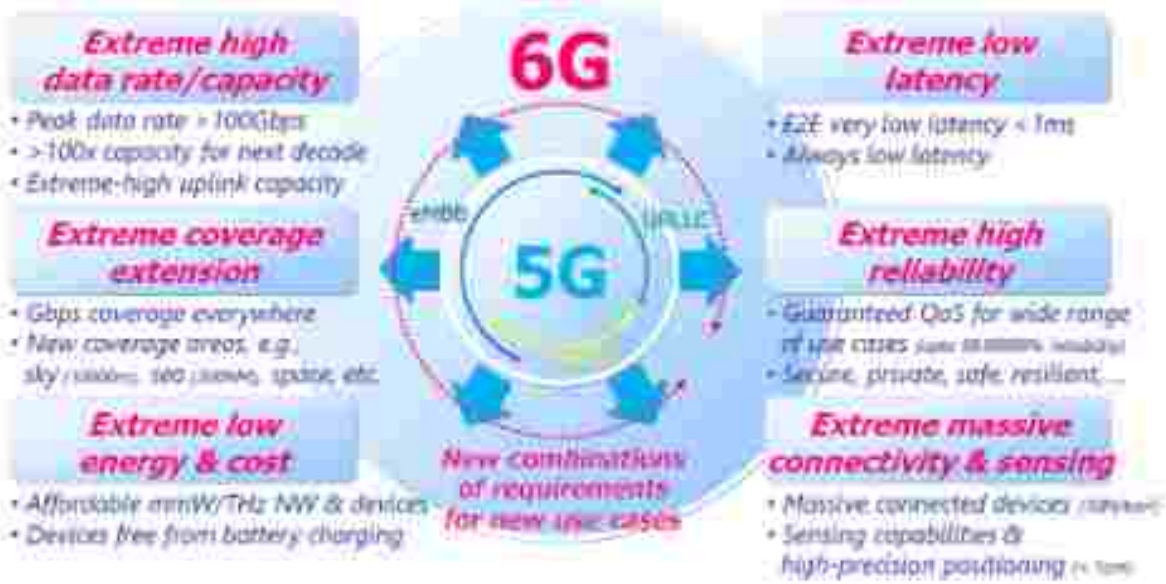


Figure: Requirements for 6G wireless technology

PSIT
Kanpur

EXPERT TALK ON

Futuristic 6G Wireless Technologies

Tuesday, January 16, 2024

Expert

Dr. Akash Agarwal
Assistant Professor
Department of ECE
NIT Patna

Time: 11:00 am to 12:00 noon | Venue: SH1

www.psitkanpur.ac.in

PSIT

PSIT
5G-Advanced towards 6G: Disclosing
Technologies

PSIT

PSIT
PSIT

PSIT
PSIT

5G-Advanced towards 6

Expert Talk

Date: 17-01-2024 **Durations:** College Hours

An **Expert talk** by **Dr. Satya Prakash Singh** Assistant Professor in the **Department of Mathematics and Statistics** of **IIT Kanpur.**

He delivered an expert lecture at PSIT Kanpur on **17 Jan 2024** under a broad topic related to ***Statistics in Data Science.***

Dear Everyone,

I am pleased to share the report on the expert talk delivered by Dr. Satya Prakash Singh on the topic of "Statistics in Data Science." The talk took place in Seminar Hall 1 on January 17, 2024, from 11:00 AM to 12:00 PM.

The attendance for the session was impressive, with 134 students and a faculty strength of 12.

Dr. Satya Prakash Singh holds an M.Sc. in Mathematics from IIT Delhi and an M.Sc. in Statistics from IIT Kanpur. He completed his Ph.D. at IIT Bombay and pursued a Postdoc at the University of Haifa in Israel. In February 2019, he joined IIT Hyderabad as an Assistant Professor and is currently associated with the Department of Mathematics and Statistics at IIT Kanpur. His research focuses on the optimal design of experiments, specifically in cross-over trials, cluster randomized trials, longitudinal studies, and ordered experiments.

During the talk, Dr. Singh explored various topics, including the Monty Hall problem, a probability puzzle inspired by the American television game show "Let's Make a Deal" and named after its host, Monty Hall. Additionally, he covered key subjects such as Conditional Probability, Average Probability, Median, and Standard Deviation.

PSIT
Kanpur

EXPERT TALK ON

Statistics in Data Science

Wednesday, January 17, 2024

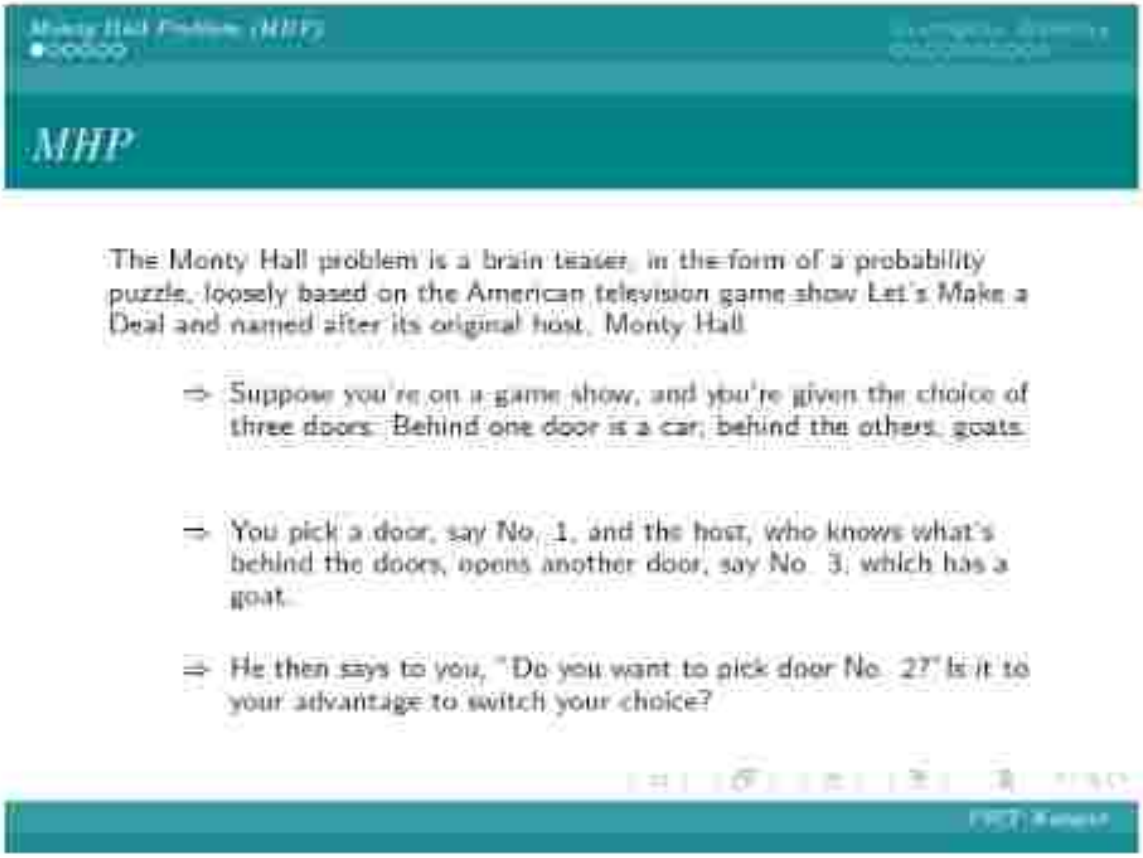
Expert

Dr. Satya Prakash Singh
Assistant Professor
Department of Mathematics and Statistics
Indian Institute of Technology Kanpur

Time: 11:00 am to 12:00 noon | Venue: SH1

www.psitkanpur.ac.in

Some slides have been captured, and a few snapshots have been taken.



Simulation Result

Table: P_1 and P_2 are the probabilities of winning the game when the player stick to the first choice and change the choice respectively.

Trials	P_1	P_2
50	0.440	0.720
100	0.360	0.650
1000	0.341	0.659
5000	0.331	0.675
10000	0.332	0.667

A conditional probabilistic solution

Let us solve the problem using conditional probability arguments.

- Lets call the doors 0,1,2, and the right door D.

$$\mathbb{P}(D=0)=\mathbb{P}(D=1)=\mathbb{P}(D=2)=\frac{1}{3}.$$

- D is random. Now let us call the door we choose C. C is not random. Without loss of generality, let $C=0$.

- Also we have R, the revealed door, which is random. Since the person won't reveal the right door or the one you choose, $R \neq C$ and $R \neq D$.

PSIT
Statistics in Data Science

PSIT

PSIT

Expert Talk

Date: 17-01-2024 **Durations:** College Hours

A recent webinar organized by the PSIT IOT club. The webinar, titled **"Semiconductors: Academic to Industry,"** was presented by **Govind Krishna Pal, Senior Staff Engineer at STMicroelectronics Pvt Ltd.**

During the insightful session, participants had the opportunity to delve into the intricate world of semiconductors, exploring the transition from academic knowledge to real-world industry applications. Mr. Govind Krishna Pal shared valuable insights into the evolution of semiconductor technologies and their significance across various industries.

Date: May 16, 2024

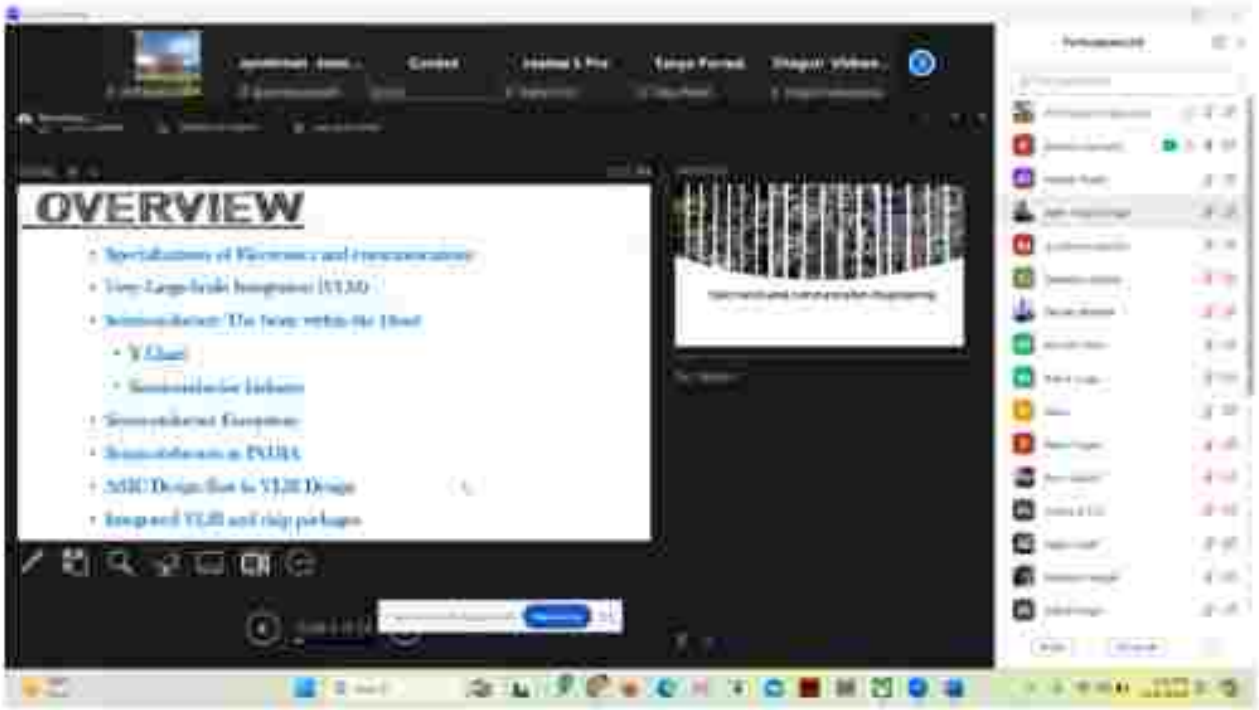
Time: 5:15 PM to 6:15 PM

Total Number of students participated through Zoom meeting: - 55

Some important insights are attached below:

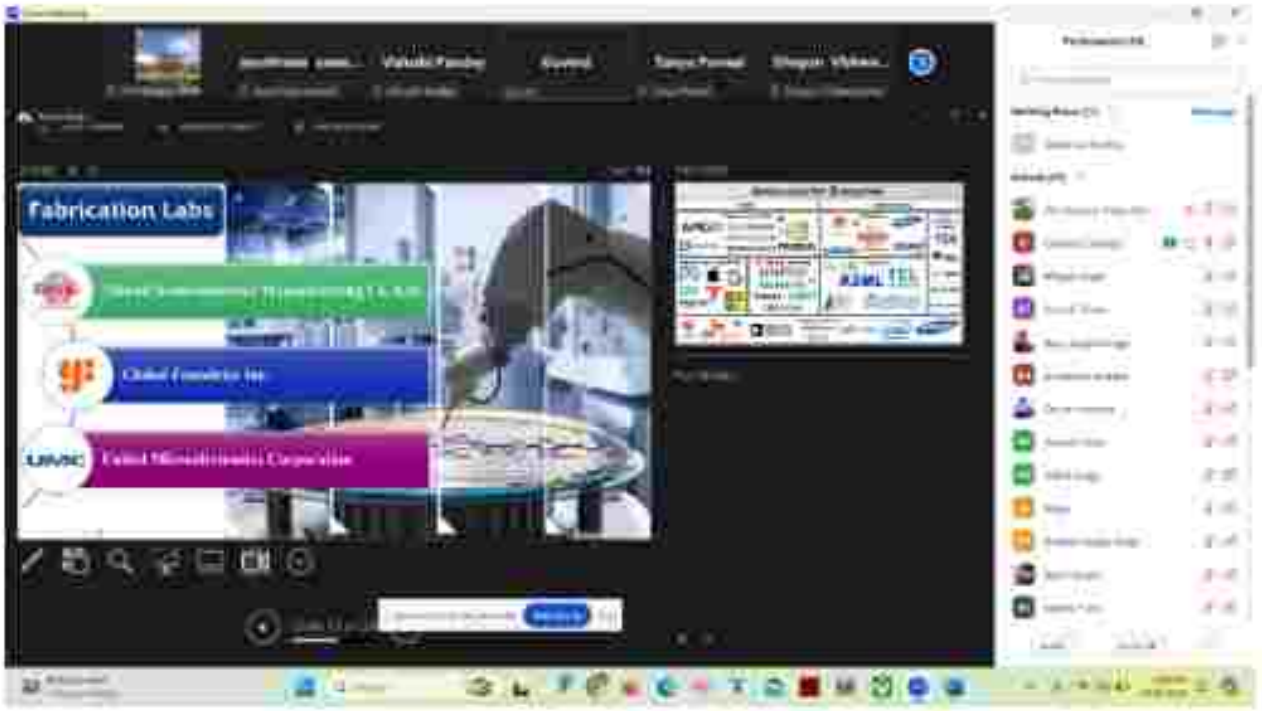
START IN UP
DEPARTMENT OF SCIENCE & TECHNOLOGY
SRAJAN
PSIT
Kanpur
ONLINE
EXPERT TALK ON
SEMICONDUCTORS:
ACADEMIC TO INDUSTRY
Thursday, 16th May, 2024
Expert
Govind Krishna Pal
Sr. Staff Engineer
STMicroelectronics Pvt Ltd.
SCAN TO REGISTER
Time: 5:15 pm to 06:15 pm

DEPT. OF
ELECTRONICS & COMMUNICATION ENGINEERING
PRANVEER SINGH INSTITUTE OF TECHNOLOGY
KANPUR
"SEMICONDUCTORS: ACADEMIC TO INDUSTRY"
OVERVIEW

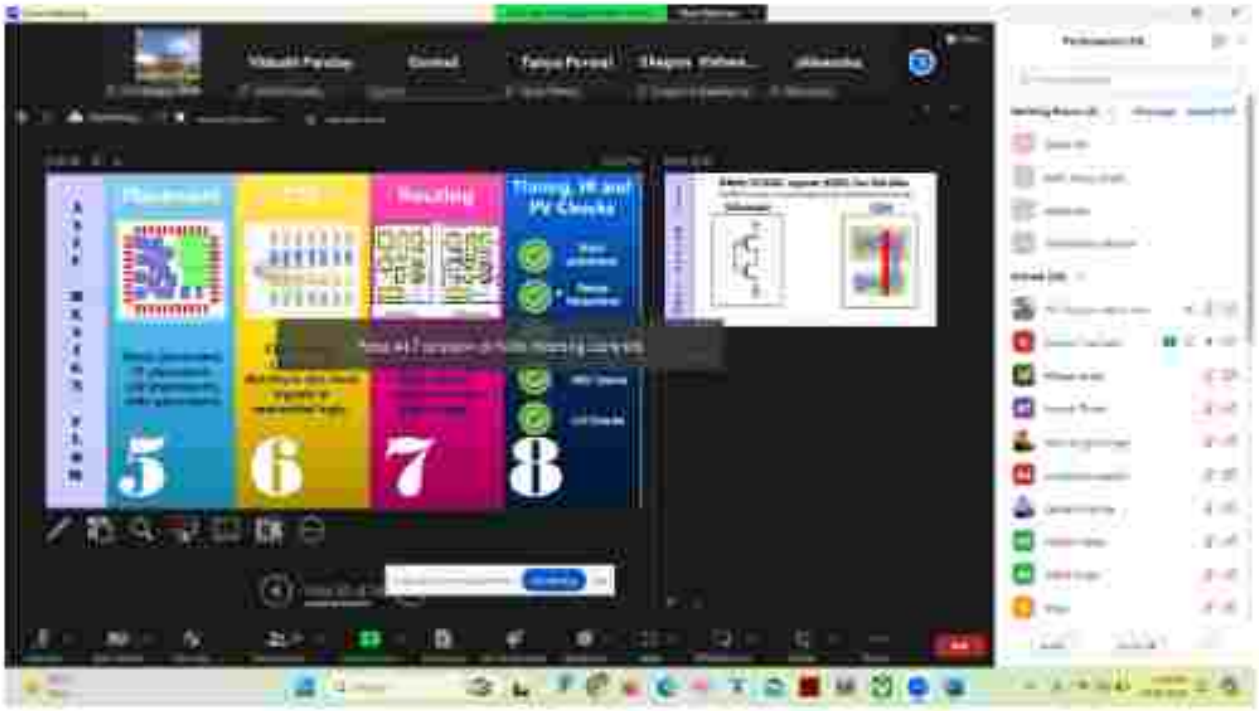

OVERVIEW

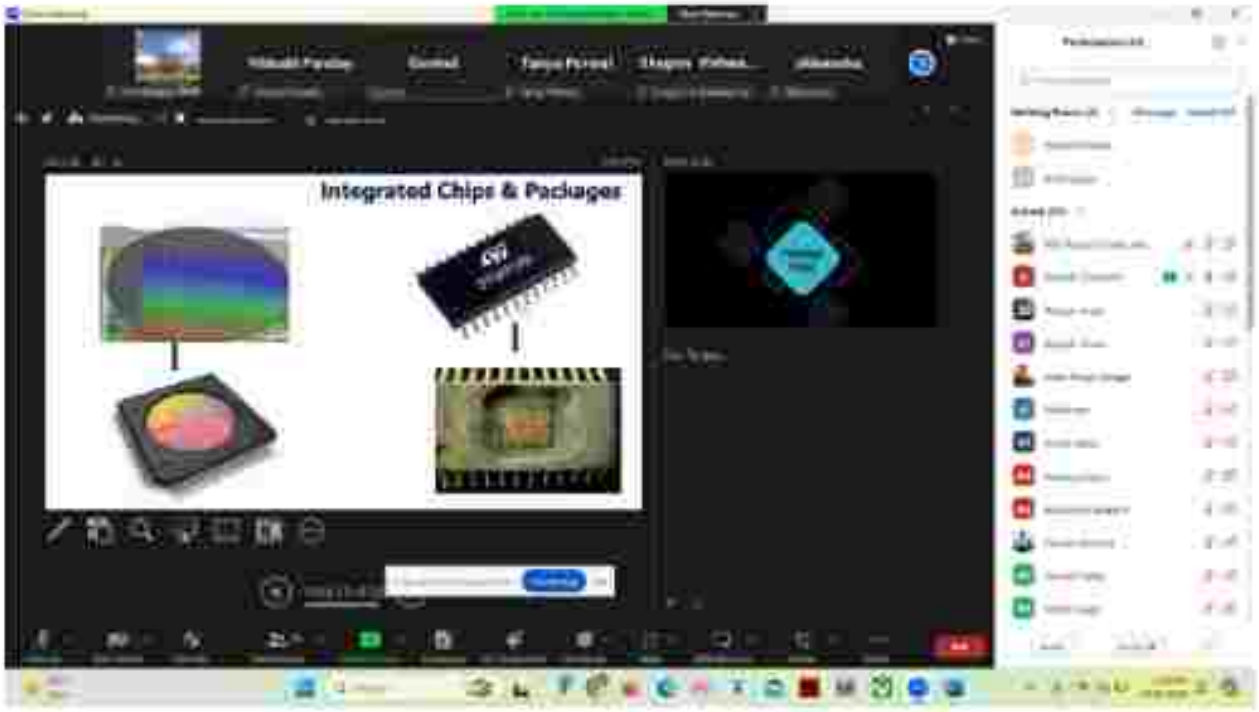
Electronics and communication Engineering

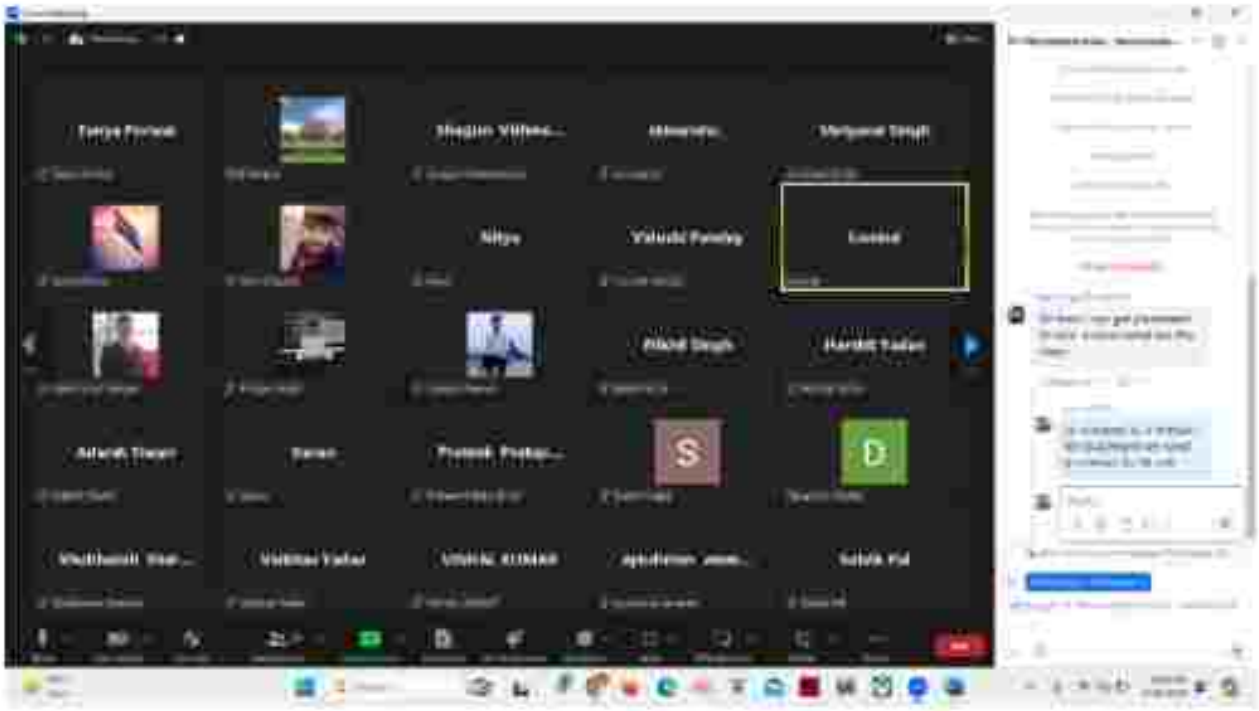
VLSI (Very Large-scale Integration) Design


Fabrication Labs

Semiconductor Ecosystem
AMD
Qualcomm
NVIDIA
tsmc
TER
SYNOPSYS
SIEMENS
ARM
cadence
ASML
TEL
intel
SEMICONDUCTORS
IN INDIA


Routing
Timing, IR and PV Checks
5
6
7
8


Integrated Chips & Packages


Tanya Pornak
Shagun Vilhen...
Mawanta
Vaiyanat Singh
Nitya
Valuski Pandey
Lambat
Rikhil Singh
Harshit Yadav
Adarsh Tiwari
Saran
Prabhak Prabhu...
S
D
Vishthanath Shah...
Vishthan Yadav
VISHAL KUMAR
Aptulkhan Jaman...
Sahib Pal

IGNITIA 2024

Robothon is a robotics competition, organized by PSIT IOT club at PSIT, where teams design and build robots to compete in challenges. It's a thrilling showcase of innovation and engineering skills.

Names of events:

Robo Hurdle Race.

Robo Soccer.

Robo War.

Robo Maze Solver.

Number of students participated: 36

ROBO HURDLE

1	Swayam Srivastva	2201640310125	E.C-2(B)	Winner
2	Sparsh Verma	2301642520183	CS-AI-I(C)	Runner

ROBO MAZE

1	Yash Chaudhary	2201640310138	E.C-2(B)	Winner
2	Himanshu Rajpoot	2101640310033	E.C-3	Runner

ROBO SOCCER

1	Ujjwal Shukla	2101640310079	E.C.-3	winner
2	Himanshu Rajpoot	2101640310033	E.C-3	Runner

ROBO WAR

1	Shubhansh Sharma	2101640310073	EC-3	Winner

2 Ujjwal Shukla	2101640310079	EC-3	Runner

Timing: 11A.M.

Date: 05/04/2024, 06/04/2024.

Photos of ROBOTHON 2K24:

https://drive.google.com/drive/folders/1o8DNmFgwWUgbMTuoMV8z8dmOK1nkSGy6

Circuit Mania is an exciting event organized by PSIT-IOT club at PSIT, where participants gather to showcase their electronic creations. Participants build circuits using various components like resistors, capacitors, and LEDs to win exciting prizes. It's a fun way to learn about electronics and bring steam concepts into playtime.

Timing: 2 P.M.

Date: 05/04/2024

Number of students participated: 40

Circuit Mania event details :-
Winner team

1.Kashish omar
CS-2d cse 2201640100179
2.Vibhor sharma CS-DS-elite DS 2201641540122
3.Harmeet singh rekhi CS-2C cse 2201640100152

Runner up team
1.Ujjwal Gupta
EC 2B
2201640310127
2.Uday Gupta
EC 2B
2201640310126
3. Swayam Srivastava
EC 2B
2201640310125

Photos of CIRCUIT MANIA 2K24:

https://drive.google.com/drive/folders/1zQ9r9O6WbiAeiZhWxY3lDmqJgiChz2UY

Winners of ROBOTHON 2K24 and CIRCUIT MANIA 24:

https://docs.google.com/spreadsheets/d/1XaBaaW4cCdfbHSURrwpB4na8_ANQPIR2Jig1Ln8nTYM/edit?usp=sharing

Semiconductors: Academic to Industry

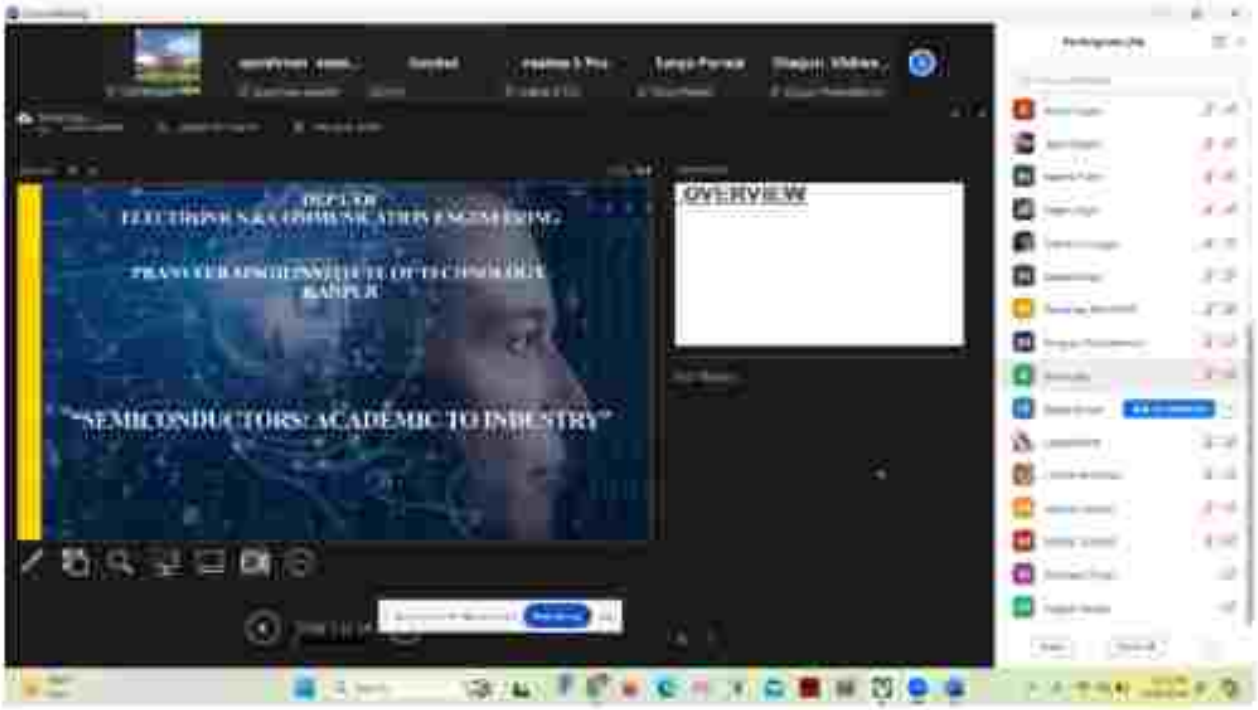
The webinar, titled "Semiconductors: Academic to Industry," was presented by Govind Krishna Pal, Senior Staff Engineer at STMicroelectronics Pvt Ltd.

During the insightful session, participants had the opportunity to delve into the intricate world of semiconductors, exploring the transition from academic knowledge to real-world industry applications. Mr. Govind Krishna Pal shared valuable insights into the evolution of semiconductor technologies and their significance across various industries.

Date: May 16, 2024

Time: 5:15 PM to 6:15 PM

Total Number of students participated through Zoom meeting:- 55



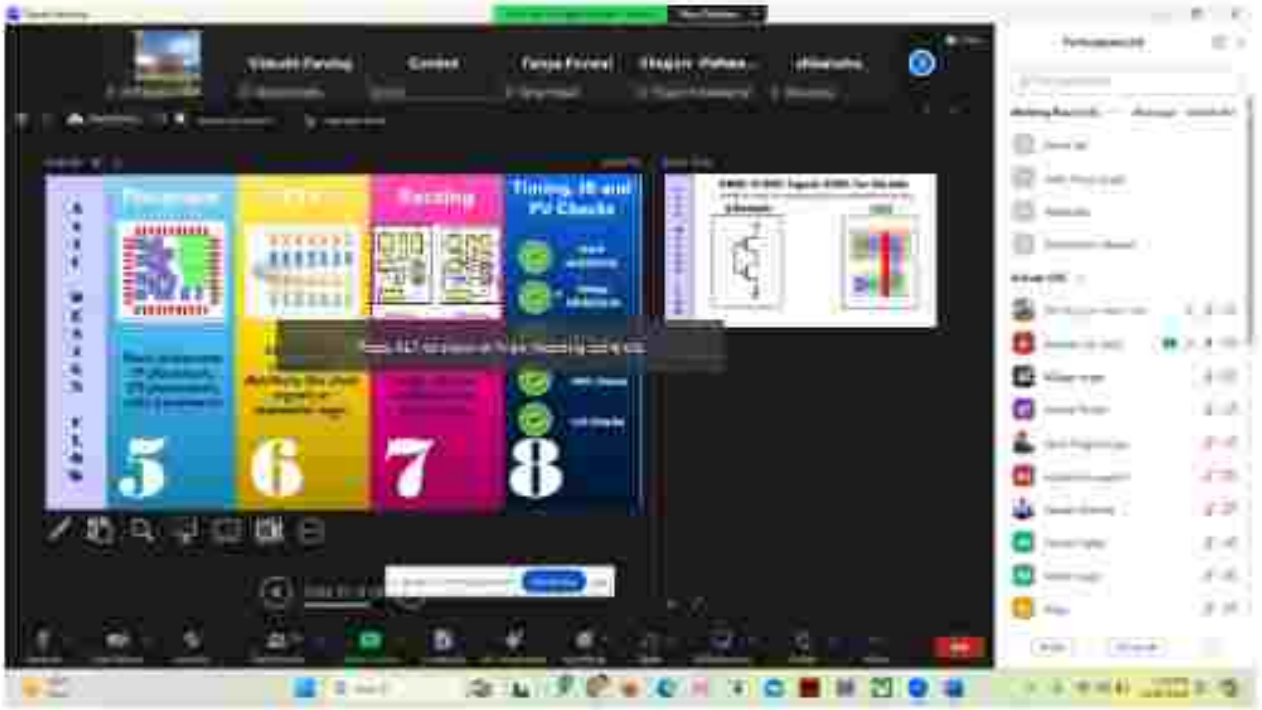
OVERVIEW

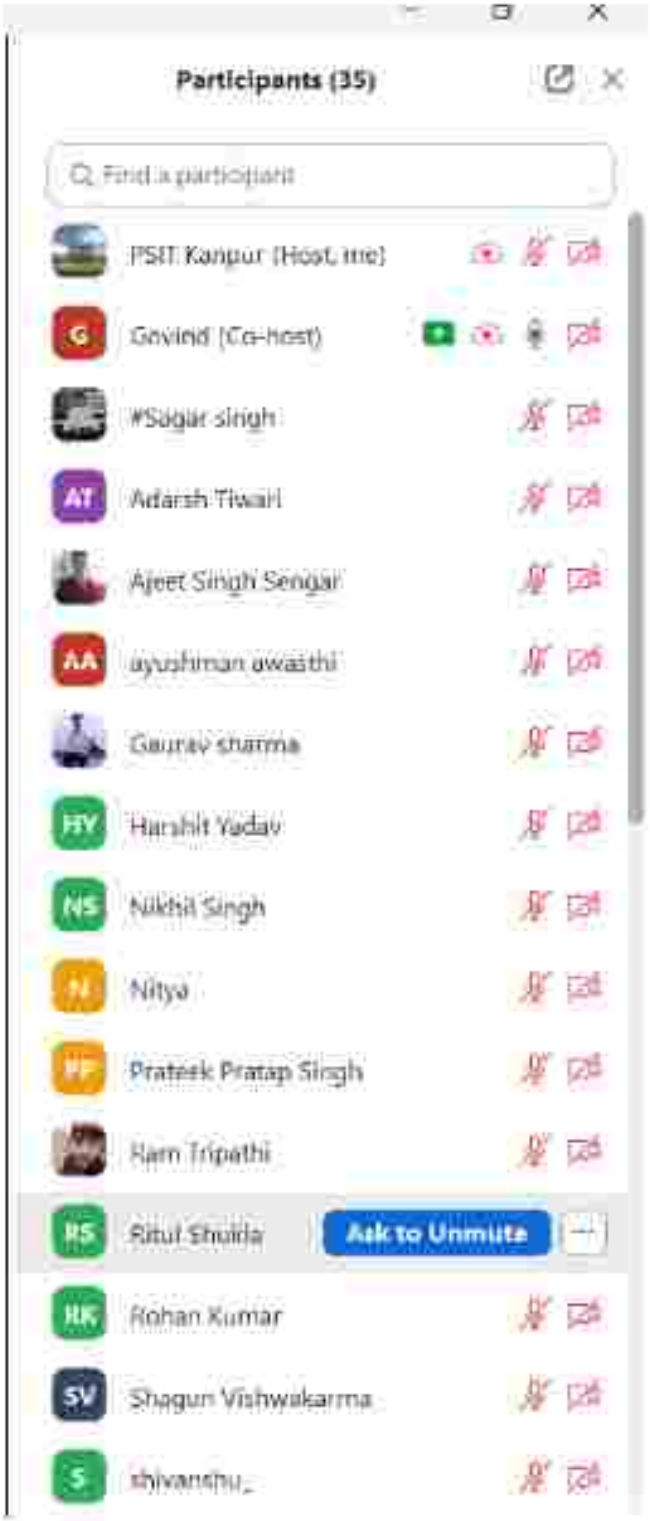
Electronics and communication Engineering

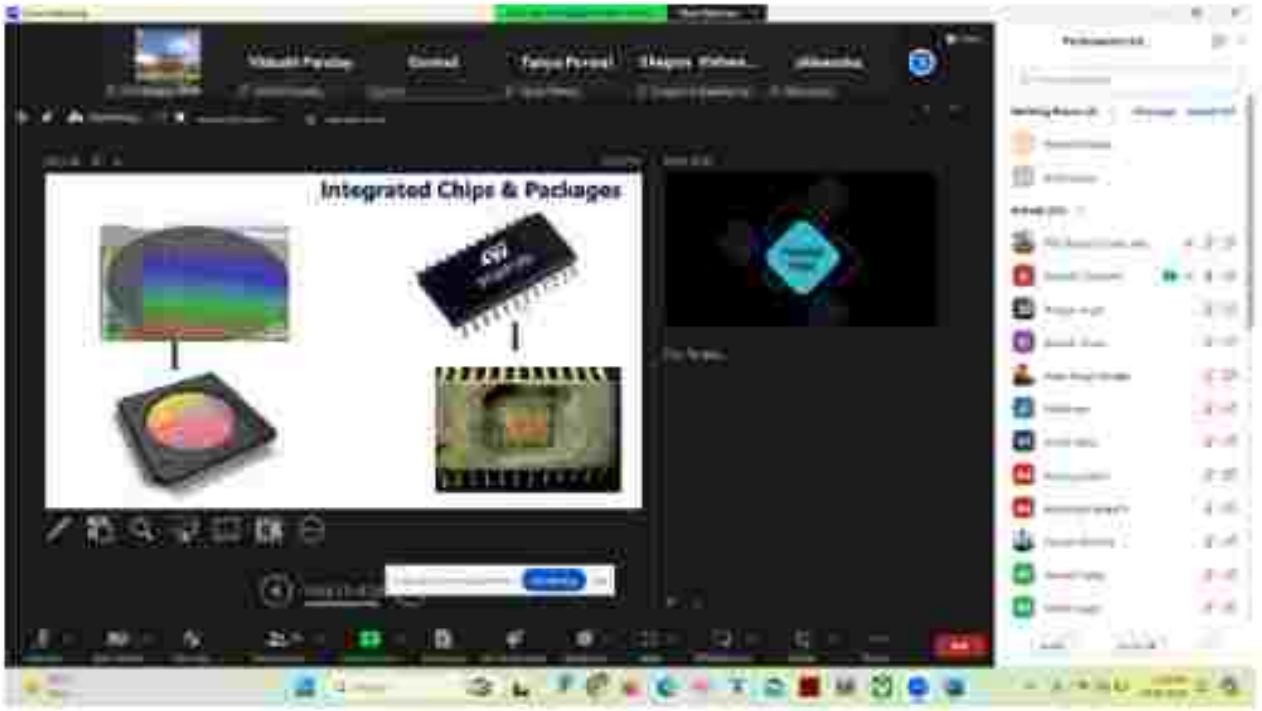
VLSI (Very Large-scale Integration) Design

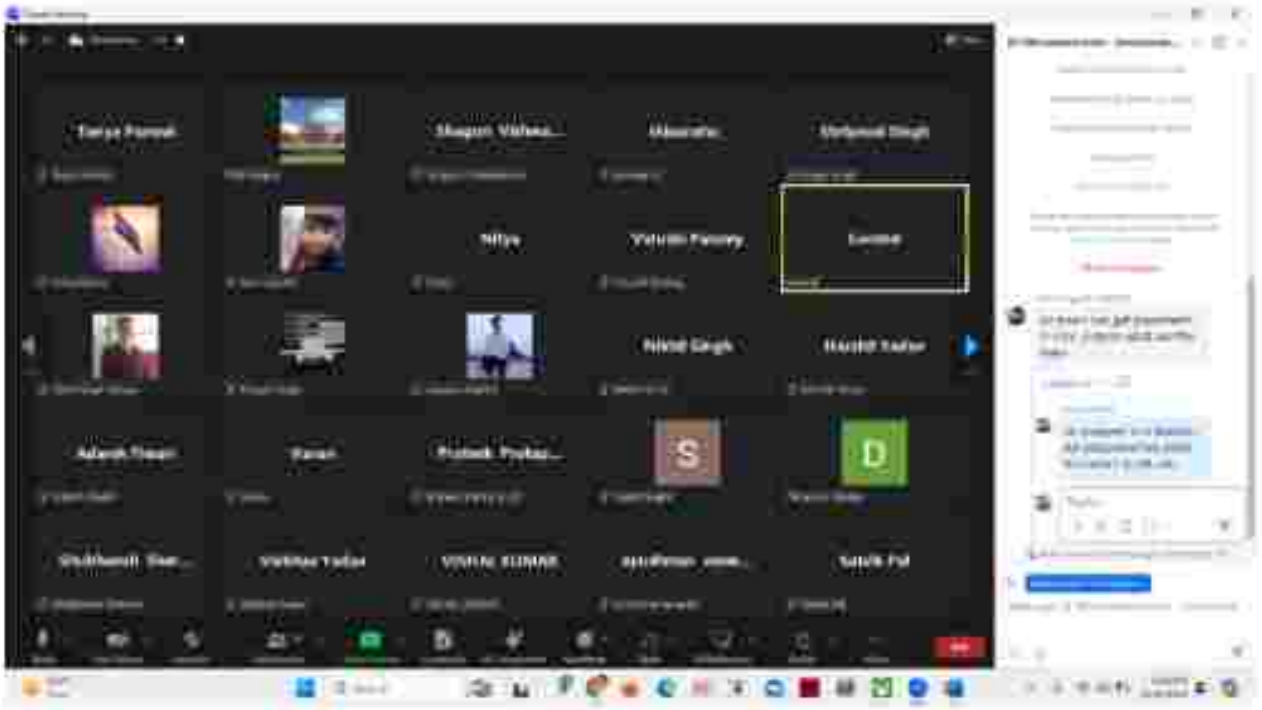
Fabrication Labs

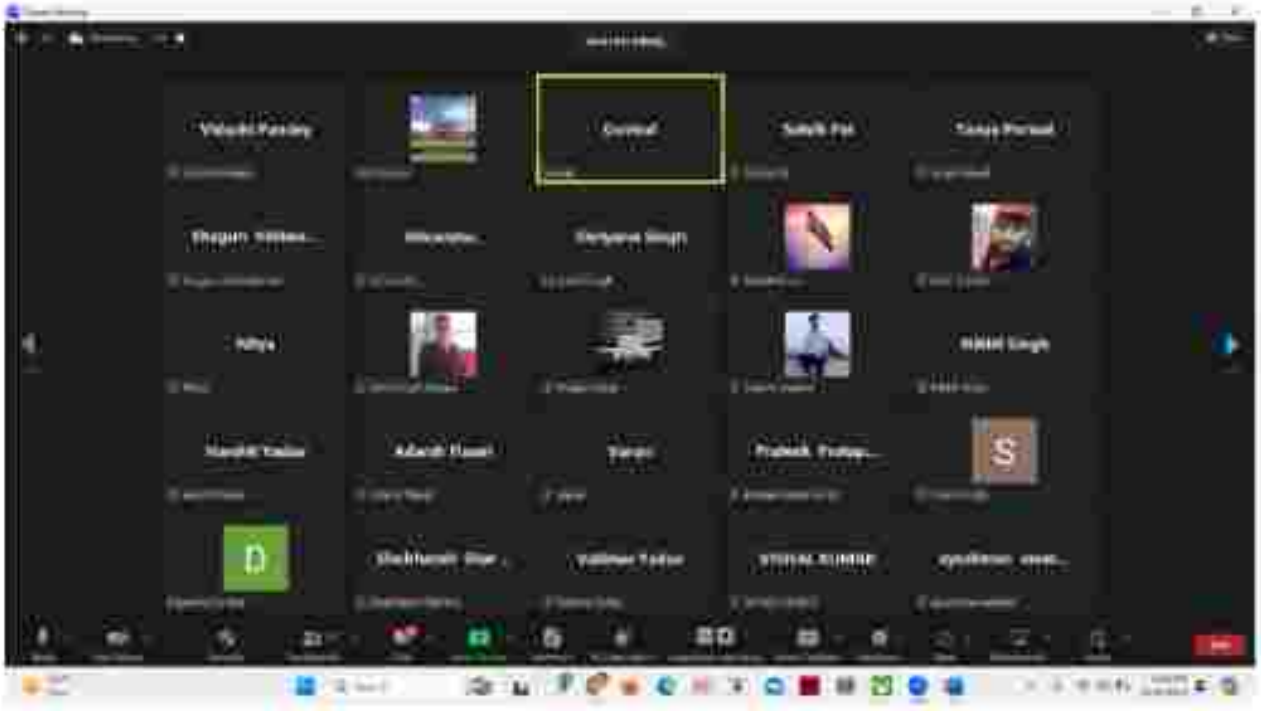
Semiconductor Ecosystem
SEMICONDUCTORS
In INDIA
AMD
Qualcomm
NVIDIA
tsmc
UMC
TER
SYNOPSYS
SIEMENS
ASML
TEL
ARM
cadence
SK
intel


Timing, IR and PV Checks
5
6
7
8


Participants (35)
Find a participant
PSIT Kanpur (Host, me)
Govind (Co-host)
#Sagar singh
Adarsh Tiwari
Ajeet Singh Sengar
ayushman awasthi
Gaurav sharma
Harshit Yadav
Nikhil Singh
Nitya
Prateek Pratap Singh
Ram Tripathi
Ritul Shukla
Ask to Unmute
Rohan Kumar
Shagun Vishwakarma
shivanshu_


Integrated Chips & Packages





Greetings from IoT club!!

PSIT
Kanpur
ONLINE
EXPERT TALK ON
SEMICONDUCTORS:
ACADEMIC TO INDUSTRY
Thursday, 16th May, 2024
Expert
Govind Krishna Pal
Sr. Staff Engineer
STMicroelectronics Pvt Ltd.
SCAN TO REGISTER
Time: 5:15 pm to 06:15 pm