

## Maharaja Surajmal Institute of Technology, New Delhi

### Department of ECE

#### Report on Expert Talk: “Idea to Impact: A gateway to Electronic Industry”

An expert talk on " **Idea to Impact: A gateway to Electronic Industry**" was organized by Dr. Sudesh Pahal, Dept of ECE on 3.4.2025 in #206 from 11:00-12:30. The session was led by **Varun Goyal**, MSIT alumni and an Entrepreneur in the field of electronics and innovation. The talk aimed to provide insights into the vast career opportunities available in electronics and the process of transforming an idea into a successful product or innovation.

The session began with an overview of the **current trends in electronics**, including advancements in embedded systems, the Internet of Things (IoT), Artificial Intelligence (AI), and semiconductor technology. The speaker highlighted how these fields are driving innovations and creating new job opportunities globally. Various career paths such as **hardware design, software development, VLSI design, robotics, and automation** were discussed, along with required skills and qualifications.

A significant part of the discussion focused on the "**Idea to Impact**" journey. The speaker emphasized the importance of **innovation, research, and entrepreneurship** in electronics. He explained the steps involved in transforming an idea into a real-world application, including **ideation, prototyping, funding, product development, and commercialization**. Case studies of successful electronics startups and breakthrough technologies were shared to inspire students and aspiring engineers.

The session also covered **internship and research opportunities**, industry collaborations, and government initiatives supporting innovation in electronics. The speaker encouraged students to develop problem-solving skills, stay updated with the latest technologies, and actively participate in projects and competitions.

The talk concluded with an interactive Quiz session where participants clarified their doubts and sought guidance on career planning. Overall, the expert talk was highly informative and motivating, equipping attendees with valuable knowledge to navigate their careers in electronics and turn ideas into impactful solutions.

Dr. Sudesh Pahal. Organizer, ECE





INSTITUTION'S INNOVATION COUNCIL  
(Ministry of Education Initiative)

# From Idea to Impact: A gateway to the electronic industry

**03 April, 2025**

**11 p.m.  
Room 206**

Let's exchange ideas about technology from an MSIT alumni and successful entrepreneur in the semiconductor industry.



**VARUN GOYAL**  
CEO- ELEGANCPARK INNOVATIONS  
(SEMICONDUCTOR INDUSTRY)

ORGANIZED BY ECE DEPARTMENT  
ORGANIZER: DR. SUDESH PAHAL

**Shashank: 9310857264      Shivani: 9990870293**

