

## Workshop 2

<b>Year</b>	Batch (21-23)
<b>Topic name of the workshop</b>	Industry 4.0
<b>Speaker Name</b>	Mr. Kundan Das
<b>Number of Participants</b>	131
<b>Date</b>	20/07/2022

### **The Activity report:**

Sir mentioned that the biggest challenge India expected to face in shifting Manufacturing to India. The future of manufacturing is smart. Despite being a software powerhouse, India is behind when it comes to adopting smart manufacturing solutions or producing connected products with Industry 4.0. Service Provider System / Network Integrators and Ecosystem Players are critical to make it happen with Government Regulation Support.

Sir discussed about the Fully Connected Factory Case:

Midea Group is a Chinese household appliance manufacturer headquartered in Foshan, China. It has been listed on the Fortune Global 500 since July 2016. Midea produces lighting, water appliances, floor care, small kitchen appliances, laundry, large cooking appliances, refrigeration appliances, heating, ventilation, air conditioning, etc. It also owns KUKA, the world's leading industrial robot manufacturer. In its manufacturing base in Foshan, more than 3,000 workers produce diverse appliances in the 160,000 square meters' plant.

With the 5G positioning system, Midea Group significantly improves the efficiency of the warehouse operation:

- The average time to find goods is reduced by 80%.
- The warehouse labor efficiency is improved by 21%.
- The loading efficiency is improved by 55%.

Sir explained that with these developments, people expect the 5G positioning will be adopted by more vertical players and support broader industrial applications. As a result, 5G positioning will play a key role in the positioning system of vertical industrial applications and will be blooming in the 5G B2B market.

Sir concluded by summarizing the entire content discussed during the lecture. He addressed the questions the students raised. All the participants benefited from the session as they got an opportunity to dive deep into the Industry 4.0 creates tremendous opportunities for manufacturing industries and national economies.

### **Attendance report:**

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Batch 2021-23 WORKSHOP DATE: 20/07/2022

S.No.	Div.	PRN	Name	Attendance
1	A	21020542001	AADISH GANWAD	P
2	A	21020542002	ABDULLA SIDDIQUI	P
3	A	21020542003	ABHJEET PANDEY	P
4	A	21020542004	ABHILASHA RASTOGI	P
5	A	21020542005	ABHISHEK ANAND	P
6	A	21020542006	ABHISHEK MAITRA	P
7	A	21020542007	ADARSH KESHARI	P
8	A	21020542008	ADITHYA RAJEEVAN	P
9	A	21020542009	ADITI MARWAHA	P
10	A	21020542010	AKASH RANA	P
11	A	21020542011	AKSHAYA DESAI	P
12	A	21020542012	AKSHAY PANWAR	P
13	A	21020542013	ALISHA FARZANA	P
14	A	21020542014	AMARJIT SAHA	P
15	A	21020542015	ANANYA SINGH	A
16	A	21020542016	ANALI SRIVASTAVA	P
17	A	21020542017	ANKIT ANAND	P
18	A	21020542018	ANKITA DUTTA GUPTA	P
19	A	21020542019	ANNA CHATTERJEE	P
20	A	21020542020	ANVAY GUPTA	P
21	A	21020542021	ARULMOZHI	P
22	A	21020542024	ASHLEY FELIX TUSCANO	P
23	A	21020542025	ASHUTOSH MEHRA	P
24	A	21020542026	ASTHA JAIN	P
25	A	21020542027	AZBANA VEELATI	P
26	A	21020542028	BAHLE APOORVA NILESH	P
27	A	21020542029	BANSOO AJAY VISHNU	P
28	A	21020542030	BHAAV BHATIA	P
29	A	21020542031	BISWANT DAS	A
30	A	21020542032	CHARISHA SHYAM SUREHA	P
31	A	21020542033	CHALUJHARI VIPUL VIJAY	P
32	A	21020542034	CHELLYAMATHI R S	P
33	A	21020542035	CHINMAY SHEOREY	P
34	A	21020542036	CHIRANJEET BARKAKOTI	P
35	A	21020542037	CHIRANJEET BARKAKOTI	P

TOTAL - 160  
PRESENT - 131  
ABSENT - 29

PRN-SIU list

