

Training Report for 3 Days hands-on Training of Advanced Industrial Automation held on 16/09/2022 to 17/09/2022 at LNMIIT, Jaipur

Level: National/International/In-house (select the applicable category) - **In-house**

Title of the Workshop/Seminar: **3 Days hands-on Training of Advanced Industrial Automation**

Category: **Training**

Area of event: Research Methodology/Intellectual Property Rights/Entrepreneurship and Skill Development/ Any other (Please tick the right option) - **Skill Development**

Duration and Dates: **3 days (14/10/2022 to 16/10/2022)**

No. of Resource Persons: **01**

No. of Participants: **37**

Sponsor/s:

Organizer/s: The LNM Institute of Information Technology, Jaipur

Department of Mechanical-Mechatronics Engineering

LNMIIT Centre for Robotics & Artificial Intelligence

Resource Person/s:

Mr. Himanshu Kumar, Director of Indwell Automation, Pune

Mode: Online/Offline (On-campus)/Hybrid- **Offline (On-Campus)**

Objectives: Training Agenda

- PLC: Introduction, types, leading hardware and software, logic development, important instruction, Industrial real applications, Industrial I/Ps & O/Ps, PLC wiring & Industrial project development.
- SCADA: Introduction, interfacing with PLC, screen development, digital & analog data configuration, analog data scaling, driver selection and configuration, tag creation and configuration & Industrial project development.
- INTERFACING PROJECT: Complete interface of PLC, SCADA, and Digital I/Os with a real Industrial application program.

Brief Report:

The training on Advanced Industrial Automation was organized in the Department of Mechanical Mechatronics Engineering LNMIIT on dated 14/10/2022 & 16/10/2022. The training is based on PLC & SCADA and their application in industry.

The training coordinators were Dr. Mohit Makkar , Dr. Atul Mishra & Dr. Rahul Singhal, Assistant Professor MME Department.

Glimpses of the Training:



List of participants with attendance:

* MORNING SESSION					
The LNM Institute of Information Technology, Jaipur Department of Mechanical-Mechatronics Engineering					
Centre for Robotics & Artificial Intelligence (L-CRAI) 3 Days Advance Industrial Automation Training Attendance					
S.NO	Student Name	Roll No.	Day 1 14/10/22 (Signature) 10:00 AM to 1:00 PM	Day 2 15/10/22 (Signature) 10:00 AM to 1:00 PM	Day 3 16/10/22 (Signature) 10:00 AM to 1:00 PM
1	Divyam Khetan	21UME049	<i>Divyam Khetan</i>	<i>Divyam Khetan</i>	<i>Divyam Khetan</i>
2	Abhijeet Pandey	21UME001	<i>Pandey</i>	<i>Pandey</i>	<i>Pandey</i>
3	Hardik Sharma	21UME020	<i>hardik</i>	<i>hardik</i>	<i>hardik</i>
4	Subham Kukadiya	19UME064	<i>Subham</i>	<i>Subham</i>	<i>Subham</i>
5	Kunal Sharma	21UEC080	<i>Kunal</i>	<i>Kunal</i>	<i>Kunal</i>
6	Chirag Harwani	19UME001	<i>Chirag</i>	<i>Chirag</i>	ABSENT
7	Gautam Maatri	19UCS180	<i>Gautam</i>	<i>Gautam</i>	ABSENT
8	Chinmay Singhvi	19UME061	<i>Chinmay</i>	<i>Chinmay</i>	ABSENT
9	Daksh Kayathwal	21DEC012	<i>Daksh</i>	ABSENT	<i>Daksh</i>
10	Honey Singh	21UEC065	<i>Honey Singh</i>	<i>Honey Singh</i>	<i>Honey Singh</i>
11	Sarthak Sharma	21UME043	<i>Sarthak</i>	<i>Sarthak</i>	<i>Sarthak</i>
12	Rajnish Maithani	21PME003	<i>Rajnish</i>	ABSENT	ABSENT
13	Sahaj Chouhan	21UME044	ABSENT	ABSENT	ABSENT
14	Akshat Agrawal	20UEC013	<i>Akshat</i>	<i>Akshat</i>	<i>Akshat</i>
15	Aditya Khandelwal	21UME007	ABSENT	ABSENT	ABSENT
16	Shivprakash Dadhich	19PMM003	<i>Shiv</i>	<i>Shiv</i>	<i>Shiv</i>
17	Ayush Kr. Singh	21PME001	<i>Ayush</i>	<i>Ayush</i>	ABSENT
18	Navdeep Singh Hada	19UME029	ABSENT	ABSENT	ABSENT
19	Binku	19UCC011	<i>Binku</i>	<i>Binku</i>	ABSENT
20	Vaibhav Goyal	19UCC115	<i>Vaibhav</i>	<i>Vaibhav</i>	ABSENT
21	Sagar Malik	20UEC107	<i>Sagar</i>	<i>Sagar</i>	<i>Sagar</i>
22	Varun Andaluri	21UEC153	<i>Varun</i>	<i>Varun</i>	<i>Varun</i>
23	Shashwat Pandey	21UME049	ABSENT	ABSENT	ABSENT
24	Tanishk Gupta	21UME053	<i>Tanishk</i>	<i>Tanishk</i>	<i>Tanishk</i>
25	Ritesh Shrimali	19PMM001	<i>Ritesh</i>	<i>Ritesh</i>	ABSENT
S.NO	Faculty/Staff Name	Designation	Day 1 14/10/22 (Signature)	Day 2 15/10/22 (Signature)	Day 3 16/10/22 (Signature)
1	Dr. Mohit Makkar	Assistant Prof.	<i>Mohit</i>		
2	Dr. Atul Mishra	Assistant Prof.	<i>Atul Mishra</i>	<i>Atul Mishra</i>	
3	Dr. Rahul Singhal	Assistant Prof.	<i>Rahul</i>	<i>Rahul</i>	<i>Rahul</i>
4	Mr. Sandeep Saxena	Tech. Supt.	<i>Saxena</i>		
5	Mr. Bhagwan Singh	Tech. Supt.	<i>Bhagwan</i>		
6	Mr. Satyanarayan Prjapat	Tech. Supt.	<i>Satyanarayan</i>	<i>Satyanarayan</i>	
7	Mr. Satish Yadav	Jr. Tech. Supt.	<i>Satish</i>		
8	Mr. Kamta Sharma	Tech. Supt.	<i>Kamta</i>		
9	Mr. Dharm Pal Yadav	Tech. Supt.	<i>Dharm Pal</i>	<i>Dharm Pal</i>	<i>Dharm Pal</i>
10	Mr. Uday Venk. Geish	J.T.S	<i>Uday Venk.</i>	<i>Uday Venk.</i>	<i>Uday Venk.</i>
11	Mr. Tej Bahadur	Jr. Tech.	<i>Tej Bahadur</i>	ABSENT	ABSENT
	Dr. Mr. Davan Kumar	Tech. Cust.	<i>Davan Kumar</i>	ABSENT	ABSENT

(Dr. Mohit Makkar Co-ordinator)

(Dr. Ashok Kr. Dargar HoD, MME)