

One Day Visit to PDEU, Raisan, Gandhinagar to Advanced Manufacturing Process Lab and Attending Expert Talk

Date:- 18th March 2025

Time: 9:30 to 5 : 30 p.m.



IIW-PDEU Welding Research and Development Centre jointly with IIW-Ahmedabad Centre & IIW-PDEU students chapter organised One day workshop on Advanced Manufacturing, on 18th March 25.

Workshop was attended by 25+ Third year Mechanical and Metallurgical Engineering students of Government Engineering College, Gandhinagar along with two faculty.

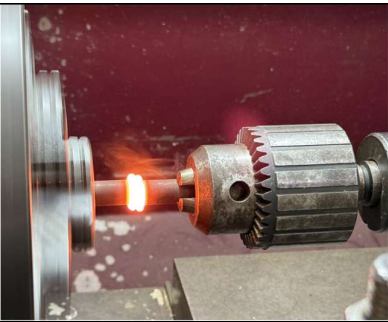

Workshop covered: Additive Manufacturing and Advanced Welding- Theory and practice.

Demonstrated various manufacturing processes like- Laser powder bed fusion and Material extrusion, Friction welding, Friction stir welding, Laser welding, Laser cleaning , Resistance spot & projection welding, Air plasma cutting & EDM Wirecut, Stir casting.

It was excellent opportunity to showcase advanced manufacturing capabilities of PDEU.



Mech and Mechanical Department students and faculties at PDEU, Metal Additive Manufacturing Process Lab

	
Friction Welding	Projection Welding



Laser cleaning



Additive Manufacturing Processes & Applications By Dr. V. J. Badheka



Demonstration of FW



Demonstration of FSP



Demonstration of Laser Welding

GOVERNMENT ENGINEERING COLLEGE, SECTOR-28, GANDHINAGAR					
LIST OF STUDENTS & ACCOMPANIED FACULTY MEMBERS FOR VISIT TO POEU, SoT, MECHANICAL ENGINEERING DEPT FACILITY					
DATE: - 18-03-2025		TIME: 9:30 A.M TO 5:00 P.M			
Sr. No	ENROLLMENT NO	NAME	DEPT	SEM	MOBILE NO
1	22013011001	ANUJ GUPTA	MET ENGG DEPT	6	9726704809
2	22013011013	PRASHANT NEHLANI	MET ENGG DEPT	6	9765159916
3	220130119003	BARAIYA PRADIPBHAI	MECH ENGG DEPT	6	9313308092
4	220130119006	DESHMUKH PRATHMESH SHRIKANT	MECH ENGG DEPT	6	9662205086
5	220130119007	GAUSWAMI PARTHGIRI SANJAYGIRI	MECH ENGG DEPT	6	9409546976
6	220130119008	HIMANSHU	MECH ENGG DEPT	6	9928610590
7	220130119012	KUSHWAHA VIVEK	MECH ENGG DEPT	6	9316278034
8	220130119014	OZA DIPAK TRIBHOWAN BHAI	MECH ENGG DEPT	6	9586970566
9	220130119017	PATEL JAINESHBHAI PRAKASHBHAI	MECH ENGG DEPT	6	9904655787
10	220130119020	PATHAK MAYANK MANISH	MECH ENGG DEPT	6	6355665073
11	220130119022	RISHUL PRATAP SINGHRATHOR	MECH ENGG DEPT	6	8077457294
12	220130119023	PRADIPBHAI BHARATBHAI SABALIYA	MECH ENGG DEPT	6	9484838803
13	220130119025	ASHUTOSH SINGH	MECH ENGG DEPT	6	7016613225
14	220130119026	SOLANKI RIDHDHAM HARESHBHAI	MECH ENGG DEPT	6	9484633999
15	220130119029	TIWARI SURBHI BRIJESHKUMAR	MECH ENGG DEPT	6	9586105508
16	220130119030	Bukhari Aliraza Mohammadbakir	MECH ENGG DEPT	6	7096119212
17	230133119002	Dabhi Satyajitsinh Dasharathsinh	MECH ENGG DEPT	6	8347206752
18	230133119009	MAL JAGDISHBHAI BHANUPRASAD	MECH ENGG DEPT	6	9327789594
19	230133119011	NISHANT SINGH	MECH ENGG DEPT	6	9913378151
20	230133119014	PANCHAL DHIRUV BHARATKUMAR	MECH ENGG DEPT	6	9664882631
21	230133119021	PATEL DHIRUV ASHVINBHAI	MECH ENGG DEPT	6	9313028440
22	230133119022	PATEL NIDHI RAVINDRAKUMAR	MECH ENGG DEPT	6	8780467550
23	230133119025	Prajapati Kunj Narendrakumar	MECH ENGG DEPT	6	6353970173
24	230133119029	Raval Jayendra Kirtibhai	MECH ENGG DEPT	6	6354534144
25	230133119032	SHARMA MOHITRAJ AJAYKUMAR	MECH ENGG DEPT	6	8843039878
FACULTY MEMBERS					
1	DR. PURVESH K. KANAVATI		MET DEPT	ASST. PROF	9879332449
2	DR. DIXIT A. PATEL		MECH DEPT	ASST. PROF	9725558225