



MECHANICAL ENGINEERING DEPARTMENT

A Report on

An Expert Speech on

“SolidWorks - CAD and Assembly modeling”

OBJECTIVES OF THE PROGRAMME:

The Seminar focused on comprehensive topic discussions on SolidWorks. The session included introduction to various features of SolidWorks for CAD with some advanced topics that will help to students to prepare 3D Modeling of a part or Assemblies. A simulation module of Solidworks was also demonstrated for static analysis of a component.

EXPERT SPEAKERS:

1. Mr. Keyurbhai Chavda: Education Manager, SOPAN Institute Pvt. Ltd., Surat.
2. Mr. Harshit Patel : Director & Sr. Application Engineer, SOPAN Institute Pvt. Ltd., Surat

PARTICIPANT DETAILS: ANNEXURE – I

Total 30 students had participated from 3rd year- sem 6 of Mechanical Engineering Department of SNPITRC.

OUTCOME OF AN EVENT:

1. The Expert speech was focused on following topics.
 - A brief introduction about SOPAN Institute
 - What is SolidWorks?
 - Why should we use SolidWorks.
 - Basic Commands for 2D sketching, 3D Modelling and Assemblies
 - Demonstration of other modules such as sheet metal, Motion analysis etc.
 - Creating drawings from the 3d model.
 - Static analysis of 3D Model in SolidWorks
2. Mr. Keyurbhai Chavda provided the basic knowledge about Company profile and role of SOPAN Infotech Pvt. Limited, Surat. in education.
3. Mr. Harshit Patel thoroughly explained how to Create 3D model, assembly, view generation and analysis in Solidworks Software.
4. **Organized By:-** Prof. Mehul M. Jikar, Asst. Professor, Mechanical Engineering, SNPIT & RC, Umrakh.



MECHANICAL ENGINEERING DEPARTMENT

SEMINAR SCHEDULE: ANNEXURE II

SEMINAR PHOTOGRAPHS: ANNEXURE III

FEEDBACKS FROM STUDENTS:

Students experienced a special learning session through which they got a better understanding of SolidWorks software tools and applications. Students understood the importance of SolidWorks. The content delivery was as per the needs of every student along with the huge interaction.

CONCLUSION:

The Department of Mechanical Engineering of SNPIT&RC, Umrakh has organized an expert speech on “SolidWorks- CAD & Assembly modeling”. The aim was to provide demonstration to the students on the aspects of doing performance work on open source and scientific tool. This seminar targeted those students who were not at all familiar with advance 3D modeling commands and Analysis tools.



MECHANICAL ENGINEERING DEPARTMENT
ANNEXURE – I PARTICIPANTS DETAILS

SNPIT&RC,UMRAKH			
MECHANICAL ENGINEERING DEPARTMENT			
STUDENT LIST SEM6 FOR ATTENDANCE DURING EXPERT SPEECH ON " SOLID & ASSEMBLY MODELING - SOLIDWORKS"			
VRINDAVAN INDUSTRIES LIMITED, SACHIN, SURAT		Date: 20-04-2024	
Sr.NO.	PEN	Name	Signature
1	140490119094	PATEL ROHITKUMAR	
2	150493119008	KOSARE JAY JAYDEV	
3	150490119035	KHANIYA ANAND	
4	170493119007	CHAUDHARI HARDIKKUMAR UMEDBHAI	
5	170494119001	VALVI SUSHILBHAI UDESINGBHAI	
6	190493119053	PATEL SHIVANGKUMAR BIPINBHAI	
7	190490119005	CHAUDHARI AMITKUMAR BABUBHAI	
8	200490119526	KHAIRNARHRITIKSAHEBRAV	
9	200490119042	YADAVSUNITUMESHPRASAD	
10	210490119526	GARASIYA HIRENKUMAR KAMLESHBHAI	
11	210490119531	PARMAR DHRUVKUMAR JASHVANTBHAI	
12	210490119532	CHAUDHARI VISHALBHAI NILESHBHAI	
13	210490119539	RATHOD ASHISHBHAI RAMESHBHAI	Ashish
14	210490119547	CHAUDHARI TUSHARKUMAR AJITBHAI	
15	200490119037	KUSHWAHA SANJAY BETALSINH	
16	210490119003	VASAVA RAJKUMAR AMARSINGBHAI	R. A. Vasava
17	210490119004	CHAUDHARI JENILKUMAR DIPAKBHAI	
18	210490119005	DESHMUKH RASIKBHAI KARSANBHAI	Deshmukh J.P. Patel
19	210490119006	PATEL JAYDIPBHAI PRAVINBHAI	
20	210490119007	GAMIT AKSHAYBHAI ARVINDBHAI	
21	210490119008	GAMIT GAURAVKUMAR BABUBHAI	Gomit
22	210490119011	RAJPUTABHISHEK RAJKUMARSINH	
23	210490119014	CHAUDHARI KAUSHAL RAJUBHAI	
24	210490119015	GANVIT VINESHBHAI SHRAVANBHAI	
25	210490119016	CHAUDHARI VIPULKUMAR RAVJIBHAI	Chandker
26	210490119017	GAMIT SHREYASKUMAR BABUBHAI	Gmit
27	210490119020	SURVE VAIKUNTH PRAKASH	
28	210490119023	TALAVIYA JAY LAXMANBHAI	J. L. Talaviya
29	210490119024	CHAUDHARI DARSHANAKUMAR IASHVINBHAI	
30	210490119026	GAMIT ASHISHBHAI VARISHBHAI	
31	210490119027	PATEL KARAN KANTUBHAI	
32	210490119030	PATEL ANSHKUMAR BHAVESHBHAI	A. B. Patel.
33	210490119034	VASAVA ROSHANBHAI BHALUSING	
34	210490119035	CHAUDHARI JAYDIPKUMAR SURESHBHAI	
35	210490119038	PATEL VAIBHAVKUMAR SURESHBHAI	Patel V. S.



SITARAMBHAI NARANJI PATEL
INSTITUTE OF TECHNOLOGY AND RESEARCH CENTRE, UMRACH

A Vidyabharti Trust Institution
Vidyabharti Campus, At. Ta. Bardoli, Dist. Surat-394345
Ph.02622-224581, 220581 Fax : 02622-227481,225458
Email : admin@snpitr.ac.in, vbtdegree_umrakh@yahoo.co.in
Visit us on : www.snpitr.ac.in

MECHANICAL ENGINEERING DEPARTMENT

36	210490119039	HADALASHOKBHAI DHARMABHAI	
37	210490119043	PATEL ROHANBHAI ALPESHBHAI	R. A. Patel
38	220493119001	AHIRRAO GAURAV KANTILAL	
39	220493119003	BATHWAR NEHA BECHARBHAI	
40	220493119004	CHAUDHARI BRISENKUMAR MADHUBHAI	Chaudhary
41	220493119005	CHAUDHARI KARANKUMAR BHIKHUBHAI	
42	220493119006	CHAUDHARI KENIL NILESHBHAI	
43	220493119007	CHAUDHARI NIRAVKUMAR FATESINHBHAI	
44	220493119008	CHAUDHARI RUTVIKKUMAR SUNILBHAI	
45	220493119009	CHAUDHARI SAGARKUMAR AMRATBHAI	
46	220493119010	CHAUDHARI SAPNILKUMAR VIJAYBHAI	
47	220493119011	CHAUDHARI SEVANGKUMAR ARVINDBHAI	Sevany
48	220493119012	CHAUDHARI YASH GAMBHIRBHAI	
49	220493119013	CHAUDHARY NISHANTKUMAR SUBODH	
50	220493119014	CHAUHAN MAHIR SHAILESHBHAI	
51	220493119015	DARSHAN YOGESHBHAI BANGORIA	
52	220493119016	DATA MAHMMADZAIM JAKIRHUSEN	DATA
53	220493119019	DOUBLE ABDUL QADIRSOYEB	
54	220493119022	GAMIT DEVRAJBHAI ASHVINBHAI	
55	220493119023	GAMIT RAHULKUMAR RAJENDRABHAI	
56	220493119025	GAMIT SMITALKUMAR AJITBHAI	
57	220493119028	KASHYAP RITESH SHRISUBHASHBHAI	
58	220493119029	KRISHKUMAR BHUPENDRABHAI PATEL	
59	220493119031	PANDEY OM CHANDRAMOHAN	Om
60	220493119034	PATEL HARSHKUMAR PRAVINBHAI	
61	220493119036	PATEL KENILKUMAR RAJESHBHAI	
62	220493119040	PATEL RUSHIL KALPESHBHAI	
63	220493119042	PATEL VIVEKKUMAR DHANESHBHAI	
64	220493119044	PATIL NITIN SUBHASH	
65	220493119045	PATIL PRAVIN DATTATRAY	
66	220493119046	PAWAR SANDEEP KULWINDERSINGH	SP
67	220493119048	RATHOD YASH CHETANKUMAR	
68	220493119051	SAIFI AAQIB SALIM	
69	220493119054	SOLANKI YUVRAJSINH VIKRAMSINH	Solanki
70	220493119056	VASAVA PRATIKBHAI RAKESHBHAI	
71	220493119057	VASAVA SAHILKUMAR PINUBHAI	
72	220493119058	VASAVA SOHELKUMAR VINODBHAI	Sohel
73	220493119059	YADAV ABHISHEKKUMAR RAGHAVPRASAD	Abhishek
74	220490119007	GUHA NAUMITKUMAR SHIVPRAKASH	Naumit
75	220490119009	PRAJAPATI SAGARKUMAR MAHESHBHAI	Prajapati



MECHANICAL ENGINEERING DEPARTMENT

ANNEXURE II SEMINAR SCHEDULE

<i>SCHEDULE OF SEMINAR</i>		
Date	20/4/2024	
Venue	Workshop Building, Workshop Seminar Hall SNPIT & RC, Umrakh, Bardoli	
Speakers	<u>Mr. Keyur Chavda</u> Education Manager, SOPAN Institute Pvt. Ltd., Surat.	<u>Mr. Harshit Patel</u> Director & Sr. Application Engineer, SOPAN Institute Pvt. Ltd., Surat
Mode of Expert speech	Demonstration of SolidWorks and allied modules.	
No. of Benefited Students	30	

ANNEXURE III PHOTOGRAPHS



SITARAMBHAI NARANJI PATEL
INSTITUTE OF TECHNOLOGY AND RESEARCH CENTRE, UMRAKH

A Vidyabharti Trust Institution
Vidyabharti Campus, At. Ta. Bardoli, Dist. Surat-394345
Ph.02622-224581, 220581 Fax : 02622-227481,225458
Email : admin@snpitrc.ac.in, vbtdegree_umrakh@yahoo.co.in
Visit us on : www.snpitrc.ac.in

MECHANICAL ENGINEERING DEPARTMENT SESSION PHOTOS





MECHANICAL ENGINEERING DEPARTMENT

