



POORNIMA

COLLEGE OF ENGINEERING

Promoted by Shanti Education Society, Affiliated to Rajasthan Technical University & Approved by AICTE

A REPORT ON ALUMNI SESSION

TITLE AND DURATION: An Alumni Session On “Design Tools for Value Added Engineering” Feb 14, 2022

ORGANIZER(S): Poornima College of Engineering, Jaipur.

EXPECTED OUTCOMES:

Activity-1.1	Student will be able to enhance the knowledge of design tools.
Activity-1.2	Student will be able to recognize the different scopes of Mechanical
Activity-1.3	Student will be able to analyse their future perspective in the field of design

CO-PO-PSO Mapping:

Mapping Levels: 1- Low, 2- Moderate, 3-Strong

CO	PO												PSO		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	-	-	-	-	3	-	-	-	-	-	-	-	2	3	-
CO2	-	-	-	-	-	-	-	-	3	-	-	-	2	3	-
CO3	-	-	-	-	-	-	-	-	-	-	-	3	2	3	-

FLYER/POSTER:



BRIEF BIODATA OF RESOURCE PERSON: Mr. Umang Dadheech, Founder of CAD Essentials, has graduated in 2017 as a Mechanical Engineering from Poornima College of Engineering, Jaipur. He has worked in Pinnacle InfoTech, Jaipur as a project engineer. He has 4 Years of experience in BIM industry. Currently he is handling many designs project based on BIM for the reputed organization.

Mr. Rishabh Natholia, Course Counselors, CAD Essentials has graduated in 2017 as a Mechanical Engineering from Poornima College of Engineering, Jaipur. Currently he is Perusing MBA from SCMHRD, Pune. He has worked in Pinnacle InfoTech, Jaipur as a project engineer. He has 4 Years of experience in BIM industry, worked as project lead for US team. He is conducting many research projects on GIS logistics in collaboration with Pune government bodies. He is certified in contract management, Governance Global Practice, the World Bank and Industry 4.0. He is a member of United Nations international volunteer to MDF, Papua New Guinea.

ABSTRACT OF THE SESSION: The main objective of this session is to get students with the concept of designing tools for the design of 2D & 3D object with the help of Revit, CAD and BIM. Er. Rishabh Natholia, discuss that the design industry especially BIM, an integral part of design industry, needs qualified person for the design of product. The design of product provides satisfaction as per the demand of customer with the change in design as per need of current scenario. He elaborates that the concept of design, many of the entry-level jobs includes knowledge of 2D and 3D design of product.

Both of the Alumni's focused on the concept of BIM, according to him the benefits of BIM are through connecting teams, workflows and data across the entire project lifecycle – from design and engineering to construction and operations – to realize better ways of working and better outcomes. BIM not only allows design and construction teams to work more efficiently, but it allows them to capture the data they create during the process to benefit operations and maintenance activities.

Er. Umang Dadheech and Er. Rishabh Natholia, explained that one of the common misconceptions about value added engineering is that it is focused solely on trying to make products at a lower cost, that is one of the goals; but more importantly is a drive to improve functionality and quality while maintaining current cost along with the design of product. CAM software uses the models and assemblies created in CAD software, like Fusion 360, to generate tool paths that drive machine tools to turn designs into physical parts.

Here after, Er. Umang Dadheech and Er Rishabh Natholia clarify the concept of design tools as a course and career profile is only for those who are passionate about this field. After the presentation, students raised the query regarding job profile of design engineers in organization.

The session ended with the vote of thanks by Mr. Sanjay Kumawat, Assistant Professor, Department of Mechanical Engineering, Poornima College of Engineering, and Jaipur.

GLIMPSES:





LIST OF PARTICIPANTS:

S.No.	Name	Registration No.	Branch	Year	E Mail
1	Jagrati Agarwal	PCE20ME007	ME	2nd Year	2020pcemejagrati07@poorni
2	Sarthak Joshi	PCE18EE103	EE	4th Year	2018pceesarthak103@poorn
3	Vishad Tainwala	PCE20ME017	ME	2nd Year	2020pcemevishad17@poorni
4	Anshu Agarwal	PCE18EE301	EE	4th Year	2018pceeanshu301@poorni
5	Nawab Aghaz	PCE20ME012	ME	2nd Year	2020pcemenawab12@poorni
6	Harshit Sarsiya	PCE20ME006	ME	2nd Year	2020pcemeharshit06@poorni
7	Amit Kumar	PCE18EE006	EE	4th Year	2018pceeamit6@poornima.o
8	Lalit Kumar	PCE20EE009	EE	2nd Year	2020pceelalit09@poornima.
9	Kunal Sain	PCE20EE008	EE	2nd Year	2020pceekunal08@poornim
10	Rupal Srivastav	PCE21ME800	ME	2nd Year	2021pcemerupal800@poorni
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13	Nishant Verma	PCE20EE012	EE	2nd Year	2020pceeenishant12@poorni
14	Sapna Kumari	PCE20EE016	EE	2nd Year	2020pceesapna16@poornim
15	Gagan Verma	PCE20EE004	EE	2nd Year	2020pceegagan04@poornim
16	Sumit Shukla	PCE19ME050	ME	3rd Year	2019pcemesumit50@poorni
17	Ankur Payal	PCE20ME002	ME	2nd Year	2020pcemeankur02@poorni
18	Raj Shekhar	PCE20ME804	ME	3rd Year	2020pcemerajshekhar804@p
19	Naman	PCE18EE042	EE	4th Year	2018pceenaman42@poorni
20	Mohammed	PCE20ME803	ME	3rd Year	2020pcemefaizan803@poorni
21	Rupal Srivastav	PCE21ME800	ME	2nd Year	2021pcemerupal800@poorni
22	Kunal Yadav	PCE20ME008	ME	2nd Year	2020pcemekunal08@poorni
23	Naseem Ahamad	PCE20EE010	EE	2nd Year	2020pceeenaseem10@poorni
24	Usama Bakhed	PCE19ME054	ME	3rd Year	2019pcemeusama54@poorni
25	Rupal Srivastav	PCE21ME800	ME	2nd Year	2021pcemerupal800@poorni
26	TarunKumawat	PCE18EE068	EE	4th Year	2018pceetarun68@poornima
27	Shashi Ranjan	PCE20ME805	ME	3rd Year	2020pcemeshashi805@poorn
28	Yogesh Kumar	PCE20ME808	ME	3rd Year	2020pcemeyogesh808@poor
29	Tanuj Sharma	PCE20ME015	ME	2nd Year	2020pcemetanuj15@poornim

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30	Mahesh Kumar	PCE20ME009	ME	2nd Year	2020pcememahesh09@poorn
31	Ravi Sharma	PCE19ME043	ME	3rd Year	2019pcemeravi43@poornima
32	Ayan	PCE20ME005	ME	2nd Year	2020pcemeayan05@poornim
33	Sujal Kain	PCE21ME801	ME	2nd Year	kain12354@gmail.com
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35	Chitransh Vijay	PCE18EE017	EE	4th Year	2018pceeechitransh17@poor
36	Aman Kumawat	PCE18EE003	EE	4th Year	2018pceeeaman3@poornima.
37	Ravindra Kumar	PCE18EE055	EE	4th Year	2018pceeeravindra55@poorn
38	Aman Verma	PCE18EE005	EE	4th Year	2018pceeeaman5@poornima.
39	Ashish Prajapat	PCE18EE075	EE	4th Year	ashish62502@gmail.com
40	Piyush Sanel	PCE18EE049	EE	4th Year	2018pceeepiyush49@poorni
41	Aman Tiwari	PCE18EE004	EE	4th Year	2018pceeeaman4@poornima.
42	Ashutosh Sharma	PCE18EE014	EE	4th Year	2018pceeeashutosh14@poorn
43	Nadeem Khan	PCE20ME011	ME	2nd Year	2020pcemenadeem11@poorn
44	Tushar Dave	PCE18EE069	EE	4th Year	2018pceetushar69@poornim
45	Arpit Singh	PCE20ME004	ME	2nd Year	2020pcemearpit04@poornim

FEEDBACK ANALYSIS:

SESSION FEEDBACK ANALYSIS								
S.No.	Attributes	Total Feed Back	Total Feed Back- 45					
			>80% Objective Achieved, 60 to 79 %- Satisfactory, Below 60%, Need improvement					
1	Do you think session was useful for you?	45	Yes	No	Partial	---	---	Remark
			43	0	2	0	0	Objective
			95.56	0.00	4.44	0.00	0.00	Achieved (95.56%)
2	Did you receive all the information	45	Yes	No	Partial	---	---	Remark
			42	0	3	0	0	Objective

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	you expected by the session?		93.33	0.00	6.67	0.00	0.00	Achieved (93.33%)
3	Opinion on Rating the speaker for the session	45	Outstandi ng	Excellent	Good	Avera ge	Satisfactor y	Remark
			25	14	4	0	2	Objective
			55.56	31.11	8.89	0.00	4.44	Achieved - Outstanding&
4	Audience Query Response by the Speaker	45	Outstandi ng	Excellent	Good	Avera ge	Satisfactor y	Remark
			25	9	8	1	2	Objective Not
			55.56	20.00	17.78	2.22	4.44	Achieved (75.56%)
5	Overall experience about the Session	45	Outstandi ng	Excellent	Good	Avera ge	Satisfactor y	Remark
			22	14	6	1	2	Objective
			48.89	31.11	13.33	2.22	4.44	Achieved - Outstanding&
6	Would you like to attend future Alumni Session conducted by the department?	45	Yes	No	---	---	---	Remark
			44	1	0	0	0	Objective
			97.78	2.22	0.00	0.00	0.00	Achieved (98.28%)

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S.No.	Name	Registration No.	Branch	Year	1. Do you think session was useful for you?	2. Did you receive all the information you expected by the session?	3. Opinion on Rating the speaker for the session	4. Audience Query Response by the Speaker	5. Overall experience about the Session.	6. Would you like to attend future Alumni Session conducted by the department.
1	Jagrati Agarwal	PCE20ME007	ME	2nd Year	YES	PARTIAL	Excellent	Excellent	Excellent	YES
2	Sarthak Joshi	PCE18EE103	EE	4th Year	YES	YES	Outstanding	Outstanding	Outstanding	YES
3	Vishad Tainwala	PCE20ME017	ME	2nd Year	Partial	YES	Excellent	Good	Excellent	YES
4	Anshu Agarwal	PCE18EE301	EE	4th Year	YES	YES	Outstanding	Outstanding	Excellent	YES
5	Nawab Aghaz	PCE20ME012	ME	2nd Year	YES	YES	Excellent	Outstanding	Excellent	YES
6	Harshit Sarsiya	PCE20ME006	ME	2nd Year	YES	YES	Outstanding	Outstanding	Outstanding	YES
7	Amit Kumar Meena	PCE18EE006	EE	4th Year	YES	YES	Outstanding	Excellent	Excellent	YES
8	Lalit Kumar Yadav	PCE20EE009	EE	2nd Year	YES	YES	Outstanding	Outstanding	Outstanding	YES
9	Kunal Sain	PCE20EE008	EE	2nd Year	YES	YES	Outstanding	Outstanding	Outstanding	YES
10	Rupal Srivastav	PCE21ME800	ME	2nd Year	YES	YES	Excellent	Outstanding	Outstanding	YES
11	Anmol Jain	PCE20ME003	ME	2nd Year	YES	YES	Outstanding	Outstanding	Outstanding	YES
12	Aditya Gupta	PCE18EE001	EE	4th Year	YES	YES	Satisfactory	Satisfactory	Satisfactory	YES
13	Nishant Verma	PCE20EE012	EE	2nd Year	YES	YES	Outstanding	Outstanding	Outstanding	YES
14	Sapna Kumari	PCE20EE016	EE	2nd Year	YES	YES	Outstanding	Outstanding	Excellent	YES
15	Gagan Verma	PCE20EE004	EE	2nd Year	YES	YES	Outstanding	Outstanding	Outstanding	YES
16	Sumit Shukla	PCE19ME050	ME	3rd Year	YES	YES	Outstanding	Outstanding	Outstanding	YES
17	Ankur Payal	PCE20ME002	ME	2nd Year	YES	YES	Outstanding	Outstanding	Outstanding	YES
18	Raj Shekhar	PCE20ME804	ME	3rd Year	YES	YES	Outstanding	Outstanding	Outstanding	YES
19	Naman Bhanwariya	PCE18EE042	EE	4th Year	YES	PARTIAL	Good	Average	Average	YES
20	Mohammed Faizan	PCE20ME803	ME	3rd Year	YES	YES	Good	Good	Good	YES
21	Rupal Srivastav	PCE21ME800	ME	2nd Year	YES	YES	Outstanding	Outstanding	Outstanding	YES
22	Kunal Yadav	PCE20ME008	ME	2nd Year	YES	YES	Outstanding	Outstanding	Outstanding	YES
23	Naseem Ahamad	PCE20EE010	EE	2nd Year	YES	YES	Outstanding	Outstanding	Outstanding	YES
24	Usama Bakhed	PCE19ME054	ME	3rd Year	YES	YES	Excellent	Excellent	Outstanding	YES
25	Rupal Srivastav	PCE21ME800	ME	2nd Year	YES	YES	Outstanding	Outstanding	Outstanding	YES
26	Tarun Kumawat	PCE18EE068	EE	4th Year	YES	YES	Good	Good	Good	YES
27	Shashi Ranjan Singh	PCE20ME805	ME	3rd Year	YES	YES	Outstanding	Outstanding	Outstanding	YES
28	Yogesh Kumar Sahu	PCE20ME808	ME	3rd Year	YES	YES	Excellent	Excellent	Good	YES
29	Tanuj Sharma	PCE20ME015	ME	2nd Year	YES	YES	Excellent	Excellent	Excellent	YES
30	Mahesh Kumar Vaishnav	PCE20ME009	ME	2nd Year	YES	YES	Excellent	Excellent	Excellent	YES
31	Ravi Sharma	PCE19ME043	ME	3rd Year	YES	YES	Good	Good	Good	YES
32	Ayan	PCE20ME005	ME	2nd Year	YES	YES	Excellent	Good	Excellent	YES
33	Sujal Kain	PCE21ME801	ME	2nd Year	YES	YES	Outstanding	Outstanding	Outstanding	YES
34	Kanishk Baheti	PCE10EE006	ME	2nd Year	YES	YES	Excellent	Good	Excellent	YES
35	Chitransh Vijay	PCE18EE017	EE	4th Year	YES	YES	Excellent	Excellent	Good	YES
36	Aman Kumawat	PCE18EE003	EE	4th Year	YES	YES	Outstanding	Outstanding	Outstanding	YES
37	Ravindra Kumar Mina	PCE18EE055	EE	4th Year	YES	YES	Excellent	Excellent	Outstanding	YES
38	Aman Verma	PCE18EE005	EE	4th Year	YES	YES	Outstanding	Outstanding	Outstanding	YES
39	Ashish Prajapat	PCE18EE075	EE	4th Year	YES	YES	Excellent	Good	Good	NO
40	Piyush Sanel	PCE18EE049	EE	4th Year	YES	YES	Outstanding	Outstanding	Excellent	YES
41	Aman Tiwari	PCE18EE004	EE	4th Year	Partial	PARTIAL	Satisfactory	Satisfactory	Satisfactory	YES
42	Ashutosh Sharma	PCE18EE014	EE	4th Year	YES	YES	Excellent	Excellent	Excellent	YES
43	Nadeem Khan	PCE20ME011	ME	2nd Year	YES	YES	Outstanding	Outstanding	Outstanding	YES
44	Tushar Dave	PCE18EE069	EE	4th Year	YES	YES	Outstanding	Outstanding	Outstanding	YES
45	Arpit Singh	PCE20ME004	ME	2nd Year	YES	YES	Outstanding	Good	Excellent	YES

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