

JANSONS INSTITUTE OF TECHNOLOGY

APPROVED BY AICTE, NEW DELHI - AFFILIATED TO ANNA UNIVERSITY, CHENNAI

ACCREDITED BY NAAC & ISO 9001 : 2015 CERTIFIED INSTITUTION

COIMBATORE - 641 659, TAMIL NADU, INDIA

www.jit.ac.in ; info@jit.ac.in ; Ph : 0091 - 421 - 2264900 (100 LINES) ; Fax :0091 - 421 - 2264999.

DEPARTMENT OF MECHANICAL ENGINEERING

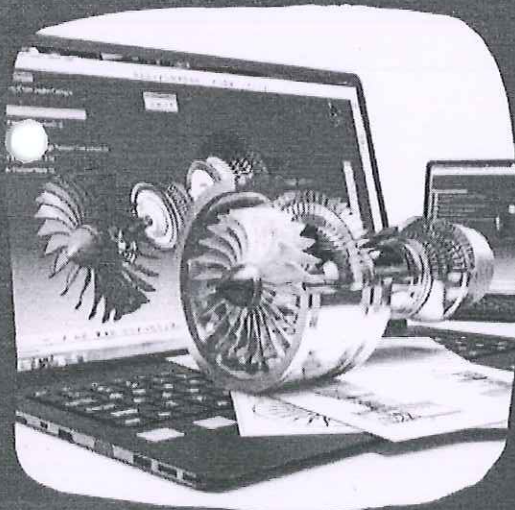
INDIAN INSTITUTION OF PRODUCTION ENGINEERS

Organizes

" DIGITAL PROTOTYPING "

AN INNOVATIVE PRODUCT MAKING CHALLENGE

29.04.2022 | 03:15 PM | CAD Laboratory



- E-Certificate for all the Participants
- Appreciation Certificate for Best Performers



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)



JIT - IIC



Jansons Institute of Technology



JiT eEDU



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Indian Institute of Production Engineers

in association with

JIT Institution's Innovation Council (JIT IIC)

organises

a technical contest on

“DIGITAL PROTOTYPING”

An Innovative Product Making Challenge

on 29-04-2022 at CAD Laboratory

AGENDA

03:15 PM	Introduction about the Contest IIPE faculty coordinator
03:20 PM	Selection of Physical Model Participants of the contest
03:30 PM	Modelling of the Part as per the dimension Using the mechanical design software
03:45 PM	Detailing of the Prototype modelled Using the mechanical design software
04:00 PM	Presenting the model Preparing the final prototype
04:15 PM	Prototype Evaluation


Student Coordinator
(Mr. Shathrak K, II Mech)


Faculty Coordinator
(Alexander F AP/Mech)



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“DIGITAL PROTOTYPING”

An Innovative Product Making Challenge
on 29-04-2022 at CAD Laboratory

PARTICIPANTS ATTENDANCE

The following students participated in the Technical Contest “Digital Prototyping - An Innovative Product Making Challenge”

Sl. No.	Register No.	Name	Year & Department	Attendance
1	71118114006	Cr. Hariharan	IV - mech	Cr. Hariharan
2	71118114103	K. DHEENA	IV - MECH	K. Dh
3	71119114703	Gt. Subash.	III - Mech	Gt. Subash
4	71119114306	N. Stepan	III - mech.	N. Stepan
5	71120114002	A. Sudheer	II - mech	A. Sudheer
6	71120114017	pujan Ganeshrani's	II - mech	Pujan
7	71120114020	Y. C. V. Mahendra	II - mech	Y. C. V. Mahendra
8	71120114005	E. Naveen	II - mech	E. Naveen
9	71120114001	A. Saibabu	II - mech	A. Saibabu
10	71120114020	S. Gokul	II - mech	S. Gokul
11	71119114002	K. Chidambareswaran	III - Mech	K. Chidambareswaran
12	71119114001	Arun Eswar. M	III - mech	Arun Eswar. M
13	71119114003	B. Dharmsh	II - Mech	B. Dharmsh
14	71119114008	S. Siva	II - Mech	S. Siva
15	71119114307	R. Thanusu	III mech	R. Thanusu
16	71120114025	SHATHRAK.K	II mech	Shathrak
17	71120114029	VISHAL.S.K	II mech	Vishal
18	71120114003	CH. Naveesh	II mech	CH. Naveesh
19	71120114018	Rajamu sachin	II mech	Rajamu sachin
20	71120114032	Shaili. masthan vali	II mech	Shaili. masthan vali
21	71119114006	Madhu senthil kumar	III - mech	Madhu senthil kumar
22	71119114009	siva senthil vivekanandan	III - mech	Siva vivekanandan



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“DIGITAL PROTOTYPING”

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Sl. No.	Register No.	Name	Year & Department	Attendance
23	211119114304	K.S. Kumaran	Mech.	K. Kumaran
24	211119114002	Hemanathan. A.B	Mech	A. & Hemanathan
25	211119114007	Noah Christy. F	Mech	Noah Christy
26	21120114010	Micah. P. S.	Med. 5 year	Micah. P. S.

Certified that all the students participated in the event.

Date: 29.04.2022


Faculty Coordinator
(Alexander F AP/Mech)





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Event Report

Title : Contest "Digital Prototyping - An Innovative Product Making Challenge"
Date (from & to) : 29.04.2022 **Time** (from & to) : 03.15 – 04.15 PM
Venue (online / offline) : CAD Laboratory , JIT
Organised by : Indian Institute of Production Engineers (IIPE)
In association with : JIT Institution's Innovation Council (JIT IIC)
Student Activity : Yes / No

JIT Website http://jit.ac.in/club_event_details.php?eid=497
 <https://www.facebook.com/250442415535499/photos/a.505233880056350/1087376241842108/>
 <https://www.instagram.com/p/Ccu94iWvob-/>
 https://twitter.com/JIT_Off/status/1518205881531641859/photo/1

Event Objective

The objective of the Technical Contest is exploring students towards the design software for product modelling

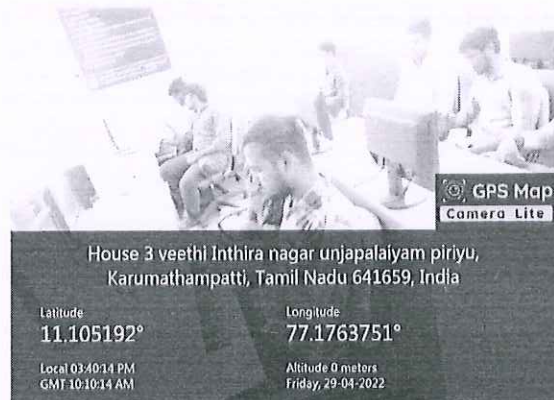
Event Summary

Prototyping is a draft version of a product or the overall design concept to users before investing time and money into development. Digital Prototyping gives conceptual design, engineering, manufacturing to virtually explore a complete product before it's built. To explore students towards the design software for product modelling a Technical Contest - "Digital Prototyping - An Innovative Product Making Challenge" was conducted for the Mechanical Engineering Students by the Indian Institution of Production Engineers (IIPE) in association with JIT IIC on Apr 29, 2022 from 03.15 PM onwards. In this Contest, the participants are provided with a finished lathe work piece (Physical model) and they have to create a digital model with mechanical design software. The event planned for a team (Maximum of two members) in the CAD Laboratory, JIT. Registration form was shared to all the students of mechanical engineering department and Interested students actively registered for the event. All the Participating teams are provided with a Vernier Calliper to measure the accurate dimensions of the lathe work piece. The participating teams were evaluated based on Product Modelling, Dimensioning and Presenting the modelled component. Based on the Scores obtained, the best performing teams were selected and honoured with Appreciation E-Certificate and all the participants are provided with an E-Certificate. Feedback form was shared to the participants; Participants felt that the contest was interesting and helpful to familiarize the mechanical design software and the related tools.

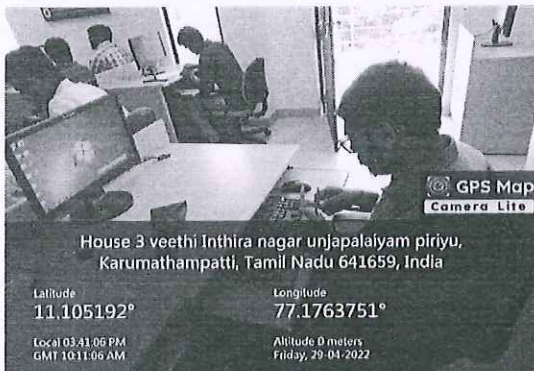
Event Photographs



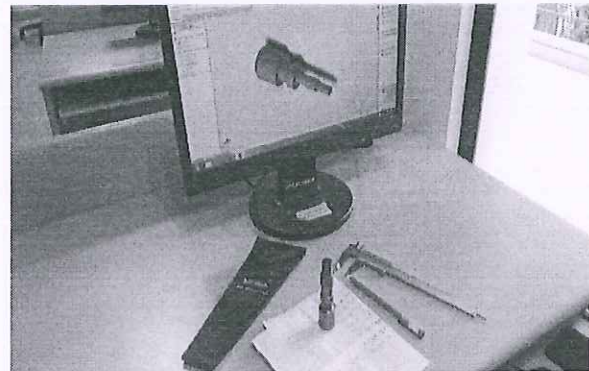
Event Explanation to Participants by the Coordinator



Team Participating in the Digital Prototyping Contest



Participants Measuring the given physical Components



Modelling of the Digital Prototype in the Software



Participants Presenting the modelled component











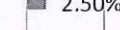







Paper clipping about the event " The Hindu – 29.04.2022"

Event Outcomes

Students will be aware of the different tools and software used in the Industries to make the Product design for manufacturing

Event Feedback

How would you rate the event in terms of preparation, flow, and content?	<p>Excellent  37%</p> <p>Very Good  32.60%</p> <p>Good  26.60%</p> <p>Fair  3.80%</p>
The contest planning and execution related to the theme?	<p>Strongly Agree  53.80%</p> <p>Agree  42.50%</p> <p>Neutral  3.70%</p> <p>Disagree  0</p>
The content and activities of the event has increased my knowledge.	<p>Strongly Agree  58%</p> <p>Agree  39.50%</p> <p>Neutral  2.50%</p> <p>Disagree  0</p>
Overall experience of the event.	<p>Very Satisfied  39%</p> <p>Satisfied  48.10%</p> <p>Neutral  12.81%</p> <p>Dissatisfied  0</p>
Suggestion for Improvements (If any)	-

No. of Participants / Benefices

Total (Participants / Benefices)	Students	Faculty	Students (Outside institution)	Faculty (Outside institution)
26	26	-	-	-

Date of report submission: 30.04.2022


Student Coordinator
 (Mr. Shathrak K, II Mech)


Faculty Coordinator
 (Alexander AP/Mech)


Head of Department
 (Dr. M. Muthukumaran)




Principal
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WINNERS

Event	Position	Name (Year & Department)
Digital Prototyping Contest	First	Mr. YALLA CHENCHU VENKATA MAHENDRA Mr. ENUGONDA NAVEEN II Year, Mechanical Engineering
		Mr. CHALLAKOTI NARESH II Year, Mechanical Engineering
	Second	Mr. VISHAL SK, Mr. SHATHRAK K II Year, Mechanical Engineering
		Mr. PUJARI GANESH NAIK, Mr. ARUSURU SUDHEER II Year, Mechanical Engineering
	Third	Mr. SHAIK MASTHANVALI II Year, Mechanical Engineering

Date: 30.04.2022

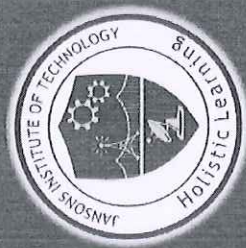

Faculty Coordinator
(Alexander AP/Mech)


HOD /Mech


Principal

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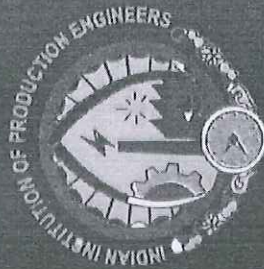
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Certificate of Excellence



This certificate is awarded to

Mr. PUJARI GANESH NAIK

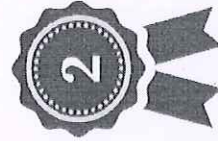


for his active participation and securing of "SECOND" Position in the
" DIGITAL PROTOTYPING - AN INNOVATIVE PRODUCT MAKING CHALLENGE "
conducted by Indian Institution of Production Engineers (IIPE) and JIT IIC

on April 29, 2022

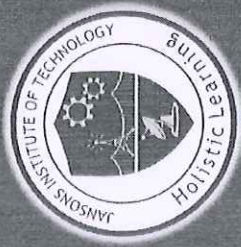
Mr. F. Alexander

IIPE FACULTY IN-CHARGE
Mr. F. Alexander



Dr. M. Muthukumar

HEAD OF THE DEPARTMENT
Dr. M. Muthukumar



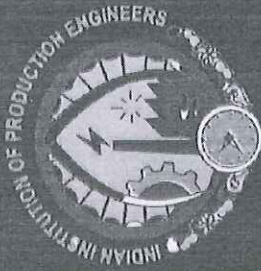
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DEPARTMENT OF MECHANICAL ENGINEERING

Participation Certificate



This certificate is awarded to

Mr. ALLA SAI BABU

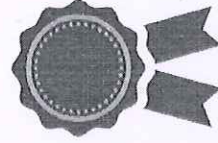


for his active participation in the

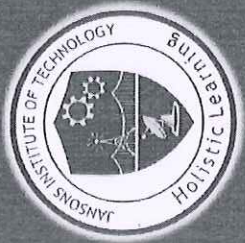
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IIPE FACULTY IN-CHARGE
Mr. F. Alexander



HEAD OF THE DEPARTMENT
Dr. M. Muthukumar



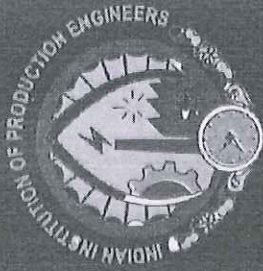
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Participation Certificate



This certificate is awarded to

Mr. THANUSUR

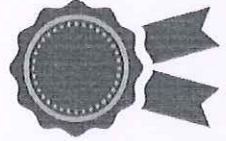
for his active participation in the

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conducted by Indian Institution of Production Engineers (IIPE) and JIT IIC

on April 29, 2022

IIPE FACULTY IN-CHARGE
Mr. F. Alexander



HEAD OF THE DEPARTMENT
Dr. M. Muthukumar

