



# Jansons Institute of Technology

Karumathampatti, Coimbatore – 641 659

## Report

<b>Name of the Program / Activity / Event / Others</b>	“POSTER PRESENTATION CONTEST”
<b>Date &amp; No. of days</b>	14.09.2021 & 01
<b>Organized by</b>	Department of Mechanical Engineering
<b>In association with</b>	JIT MOBILITY CLUB
<b>Venue</b>	LH22, JIT
<b>Participants/ Beneficiaries</b>	Second, Third & Final year of JIT students

### Event brief (500 words with photo):

A Poster Presentation Contest was organized on 14th September 2021 by the Department of Mechanical Engineering in association with JIT Mobility Club of Jansons Institute of Technology, Coimbatore. The Contest was organized exclusively for the second , third and final -year students of Mechanical Department to explore their Innovative & technical skills in the field of Automobile Industry. Topics on the spot with a theme related to Automobile Field namely:

- 1) Evolution of Growth in Automobile Industry
- 2) Crisis and Downfall in Automobile Industry (&)
- 3) Innovation & Trends of Forecasting Methods in Automotive Industry

has provided to the students by the event coordinator.

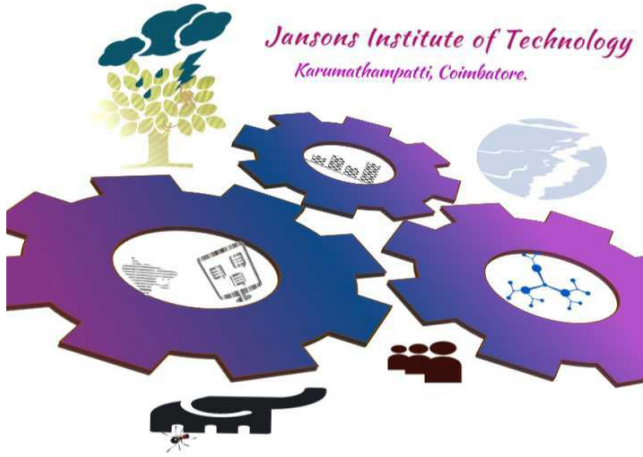
The Posters were evaluated in the Metrology Lab based on the students unique conceptual skills with a proper explanation related to the theme. Total 27 students participated in second. Third and final year of Mechanical & top three were nominated as a winners as below:

<b>S.No.</b>	<b>Name of the Student</b>	<b>Year &amp; Department</b>	<b>Position</b>
1	VASANTH A & ANISH SELVAN A	IV YEAR MECH	First
2	SHAIK MASTHANVALI	II YEAR MECH	Second
3	SRI KRISHNAN N	IV YEAR MECH	Third



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Jansons Institute of Technology  
Karumathampatti, Coimbatore.

Crisis and Downfall in Automobile Industry

Vasanth A  
Final year - Mech

## Automobile Sector

WITHOUT ENGINEERS NOTHING HAPPENED :)

### CRISIS AND DOWNFALL IN AUTOMOBILE INDUSTRY

GLOBAL AUTO PRODUCTION TO BE SEVERELY HIT BY COVID-19 CRISIS WITH A 10% DROP IN WORLD AUTO PRODUCTION

India's push for electric vehicles made the potential buyers to postpone their plans to buy their own car.

Non-Banking Financial companies have started implementing stricter rules in issuing loans.

The demands to reduce GST rates for cars should be analysed thoroughly.

one of the first global economies to enter the Indian market following the liberalisation that began in 1991.

has decided to end manufacturing operations in the country

the increase in third party insurance and road tax, and the consequent hike in the cost of acquisition

Going forward, the sector can be supported by government policies, such as reducing the cost of raw materials required for production and cutting down tax rates imposed on the automobile sector.

India's total automobile sales fell year-on-year by 13.05 per cent to 41,289,28 units as the economy reeled under the impact of the Covid-19 pandemic, data from an industry association showed.

## EVOLUTION OF GROWTH IN AUTOMOBILE INDUSTRY

There was a huge change in the automobile industry from the past decades

Companies that run in the race of automobile industries are

January 29, 1886, Carl Benz applied for a patent for his "vehicle powered by a gas engine." The patent - number 37435 - may be regarded as the birth certificate of the automobile.

It has started and still on the way to future  
From the "motorwagen" to the vehicles that race with speed, a lot changed.

Not only in the production and manufacturing, also in the safety, luxury, in all the aspects there a huge change

Automobile have evolved a lot.

## INNOVATION AND TRENDS AUTOMOTIVE INDUSTRY!

Naive MASE  
SVR  
Voting  
ARIMA  
Random walk

- AI
- SELF DRIVING
- ELECTRIFICATION
- AUTONOMOUS VEHICLES
- CONNECTIVITY
- HUMAN MACHINE INTERFACE

### 3D PRINTING BLOCKCHAIN IOT

BIG DATA ANALYTICS

FORECAST FUTURE

## SHARED MOBILITY



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**For all the participants' participation E-Certificate is been provided and the winners were honored with appreciation certificate.**



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## JANSONS INSTITUTE OF TECHNOLOGY

Affiliated to Anna University and Approved by AICTE  
An ISO 9001:2015 Certified Institution  
Coimbatore, Tamilnadu - 641659

### CERTIFICATE OF EXCELLENCE

This certificate is presented to

VASANTH. A

of FINAL year MECHANICAL ENGINEERING department

for securing 1<sup>st</sup> place in POSTER PRESENTATION CONTEST competition of

Engineer's Day - 2021, organised by JIT MOBILITY CLUB

Jansons Institute of Technology, Coimbatore on 14<sup>th</sup> SEP 2021.

Event Organiser

HoD



## JANSONS INSTITUTE OF TECHNOLOGY

KARUMATHAMPATTI, COIMBATORE - 641 659

APPROVED BY AICTE - AFFILIATED TO ANNA UNIVERSITY, CHENNAI

### Certificate of Participation

This is to certify that

**Mr. DEPANGI BALAGANESH VARMA**

of "SECOND Year" has participated in the "Poster Presentation Contest"

conducted by JIT Mobility Club, Department of Mechanical Engineering

Jansons Institute of Technology, Karumathampatti, Coimbatore - 641 659

in part of Engineer's Day 2021 on September 14, 2021

*Insight of Auto world*

JIT MOBILITY CLUB  
MR. K.MAADESH KUMAR

HEAD OF THE DEPARTMENT  
DR. M.MUTHUKUMARAN



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<b>Outcomes</b>	Students will learn the concept of design and conceptual which are related to technical skills may help full in doing their academic projects and future technical events.
<b>Feedback</b>	Excellent
<b>Suggestions / Future actions</b>	More number of events can be planned

Date: 15.09.2021

Faculty In-charge