



Vahan વહન 4.0

JULY TO DECEMBER 2021

**AUTOMOBILE ENGINEERING DEPARTMENT
L D COLLEGE OF ENGINEERING**

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Major Events

- H.R Meet was organized by SAE LDCE Club, at L.D. College of Engineering on 16/10/2021. This meeting was organized with aim to establish a bridge between modern industries and future engineers who are prime assest of development and prosperity of our great nation. Dr. R.K.Gajjar, Chairperson, SAE India Western Section Gujarat Division, Prof. R.J.Jani, Secretary, SAE India Western Section Gujarat Division and Mr. Anil Chunch- CEO-Popular Wheelers, BOG Member and SAE India Western Section Gujarat Division took initiative for this meeting. 18 Industrial persons attended the meeting along with 20 faculty members.



- Quizathon 2.0 was organized on 25th October tot 30th October 2021. The overall aim of the Event Quizathon 2.0 was to spread the awareness about automobile among the Participants and to enhance their Fundamentals and Knowledge related to the Automobile, such as Tools, Engine, Mechanism, Assembling, etc. The other major goal achieved is to develop the Creative-Thinking (or) Thinking Out of Box among the members by quiz. In this Event, the Participants were from various leading colleges such as L.D.C.E, L.J.P, Silver Oak, A.I.T, VGEC, Nirma, Adani, etc. The winner of the Event were rewarded with prizes. 360 students from above listed colleges have participated. This event is organized by SAE LDCE Collegiate Club.

QUIZATHON 2.0
NATIONAL LEVEL QUIZ COMPETITION

DOMAIN :-
-APTITUDE
-ENGINEERING BASICS
-LOGICAL & REASONING
-GENERAL KNOWLEDGE
-AUTOMOBILE

REWARDS :-
-NATIONAL LEVEL
CERTIFICATE FOR
PARTICIPANTS
-PRIZE POOL OF
₹5000

To Register :- pages.razorpay.com/QUIZATHON2 or
Registration amount - 50 ₹ Scan this QR Code

Qualifiers round - 25th Oct (Online)
Semi-final Round - 26th Oct (Online)
Final Round - 30th Oct (Offline)
Venue : LD College of engineering

Rohan Mithapara : 7435049208
For Payment related queries : Mohit Rajpurohit : 8128110946

SAE LDCE CLUB



- In this Event Student were asked to present a business plan of any one specific company. The choice to select the company were given to students. The company should fall under any of the following sectors – Automobile Retail & ECommerce, Agro-based, IT, FMCG, Food, Travel, Pharma, Environment, Process Industry, Service, Supply chain and OEM. The winner for above Event was Mr. Krunal Kania and Mr. Dadia Aditya Himanshu.

Industry - Institute Interaction

- Webinar on “Design of Experiment” was organized automobile department on 11.00 am on 18/09/2021. Mr. Kumar Abhishek of IITRAM was expert for this. 410 students have taken advantage of it. Prof. R J Jani and Prof. B H Kadiya have coordinated this webinar.
- Webinar on “Electric vehicle with AI” was organized automobile department on 12.00 noon on 29/09/2021. Mr. Zahir Laliwala Business Strategy Specialist and Alumni of LDCE was expert for this. 74 students have taken advantage of it. Prof. R J Jani and Prof. B H Kadiya have coordinated this webinar.

Faculty Activities

- Prof. Sulay Patel has delivered expert lecture on “Power train for electric vehicles” Webinar Organized by Parul Institute of Technology on 17/07/2021.
- Prof. R J Jani has presented open seminar on “Experimental investigation on life cycle analysis of single cylinder SI engine fuelled with hydroxygen as an additive” at Gujarat Technological university on 02/12/2021

Student Achievements

- LDCE Motors Sports team have participated in virtual BAJA 2022 a national level motorsports event on 05/09/2021

Research & Development

- Prf. R J Jani has published paper on "Experimental investigation of spark plug gap on performance and emission of single cylinder 4S SI engine with Hydroxygen as an additive" Published online: 13 July 2021 Proceedings of the Indian National Science Academy (2021) 87:393–407 <https://doi.org/10.1007/s43538-021-00040-7> scopus indexed journal and published by springer.com

Professional Development Workshops/ seminars/ STTP/ conferences etc. Participated by faculty

Sr. No	Title	Name of staff	Place	Duration
1	Biofuels a Clean Green Alternative fuel for IC Engine	Prof. V G Trivedi	NITTTR Bhopal (Online)	12/07/2021 to 16/07/2021
2	Buried Energy for Conservation and Energy Management.	Prof. V G Trivedi	BBIT, VV Nagar And AICTE Training And Learning(ATAL) Academy	12/07/2021 to 16/07/2021
3	Train the trainer for Machining	Prof. J P Vasani	IACE, Gandhinagar	20/09/2021 to 24/09/2121
	Alternate Fuels	Prof. M A Shaikhh	GEC MODASA and AICTE Training And Learning(ATAL) Academy	22/11/2021 to 26/11/2021
	Alternate Fuels	Prof. P D Patel	GEC MODASA and AICTE Training And Learning(ATAL) Academy	22/11/2021 to 26/11/2021
	Alternate Fuels	Prof. S N Patel	GEC MODASA and AICTE Training And Learning(ATAL) Academy	22/11/2021 to 26/11/2021
	Robotics	Prof. P D Patel	GEC MODASA and AICTE Training And Learning(ATAL) Academy	20/12/2021 to 24/12/2021
	Robotics	Prof. S N Patel	GEC MODASA and AICTE Training And Learning(ATAL) Academy	20/12/2021 to 24/12/2021
	Train the Trainer Program- Automotive Systems and Autotronics	Prof. R J Choube	IACE- Gandhinagar	25/10/2021 to 29/10/2021

