

2. PAPERS PRESENTED/PUBLISHED

- Prof Rituraj Choube, Prof R. J. Jani and Prof Gaurav N Sutaria “Hydrogen as an additive in Internal Combustion engines a Review.” International Journal for Research in Engineering Application & Management (IJREAM), ISSN : 2454-9150, Vol-04, Issue-, 2 May 2018, pp 470-472.
- Prof Rituraj Choube and Prof R. J. Jani “Experimental investigation of various Spark Plug gap on Four Stroke Single Cylinder S.I. Engine.” International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES) Volume 4, Issue 6, June-2018, e-ISSN: 2455-2585 pp 347-351.



- 27 students of Automobile department are selected in campus placement in companies like Accenture India, Sonalika tractors, Bharti Engineering, Deloitte, G-Auto and others.

Automobile Engineering Department

3. FACULTY ACTIVITIES

- Prof. R.J.Jani, Prof. M.A.Shaikh, Prof. S.N.Patel and Prof. J.P.Vasani coordinated EGVC Event organized jointly by Automobile and Mechanical Department on 5-6 April 2018.

Automobile Engineering Department

4. STUDENTS' ACTIVITIES

Automobile Engineering Department

- Team GTU Motorsports secured 1st position in Endurance race and overall 2nd Position in Supra 2018 at Delhi in 11 to 16 June, 2018. Team was awarded with Rs. 30,000 and Rs. 1,00,000 for respective rankings.



Sr No	Project Title	Students team	Faculty Guide
1	Adaptive Horn	Tejani Hardik Ketan Bhavsar Chintan Agrawal Nishit Bhavsar Panchal Ashmita	Prof. R.J. Choube
2	Design And Development Of Double Wishbone-Pushrod Suspension System For Formula Student Race Car	Kishan Thakkar Panchal Parth Panchal Kushal Atrey Sahil	Prof. M.A.Shaikh
3	Design and Development of Personal Motorized Vehicle	Agotariya Dinakar Vora Vicky Islaniya Keval Gupta Shivam Mandani Bhagirath	Prof. S.N. Patel

- 19 Student teams of Final year presented their Project in KAIZEN 2018. Projects were judged by industrial experts and were highly appreciated. Top 3 projects of Automobile department were awarded in Kaizen 2018.

5. DEPARTMENTAL ACTIVITIES

Automobile Engineering Department

A national level event, Eco Green Vehicle challenge was jointly organized by Automobile and Mechanical Department at L.D.College of Engineering on 5-6 April 2018. 13 teams including more than 200 student participants from various Institutes all over India had participated in event. Total prize money of 1.5 lakhs and trophy in various segment were awarded to wining teams.



Automobile Engineering Department

- Faculties and Students actively participated in Yoga session on 21st June 2018.

7. Industrial projects undertaken

Automobile Engineering Department

8. Consultancy / Testing work

Automobile Engineering Department

Rs/- 5000/- testing of of HHO kit was carried out by Prof.R.J.Jani,Prof.S.N.Patel , Prof R.J.Choube and Prof C.D.Upadhyay from electrical department has contributed from electrical point of view.

9 GTU Sports Activity

Automobile Engineering Department

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6. COLLEGE ACTIVITIES

WORKSHOPS/ SEMINARS/ STTP/ CONFERENCES ETC. PARTICIPATED BY FACULTY

Automobile Engineering Department

Sr. No.	Title	Name of staff	Place	Duration
1	Computational Fluid Dynamics: Development, Application and analysis.	Prof. D.J.Parmar	IIT-Bombay	1 Week (25/6/2018 to 29/06/2018)
2	Innovation and Advancement in Conventional Industrial Welding Practices.	Prof. D.J.Parmar	COE- Welding LDCE	2 Weeks (28-05-2018 To 08-06-2018)
3	Innovation and Advancement in Conventional Industrial Welding Practices.	Prof. V.G.Trivedi	COE- Welding LDCE	2 Weeks (28-05-2018 To 08-06-2018)

10. M.E. DISSERTATION

Automobile Engineering Department

Sr. No.	Title of thesis	Name of student	Guide
1	Experimental Study On Performance analysis on different parameter of Disc Type Cam Operated Fuel Injector Nozzle	Parikh Darshit Prameshchandra	Prof. R. J. JANI

2	Experimental Investigation on reformed EGR (REGR) on the performance and emission of a 4 stroke C.I. engine with palm biofuel.	Krunal Rathod	Prof. P.C.SHETH
3	Experimental investigation of various Spark plug gaps on Four stroke Single cylinder SI Engine Fuelled with HHO (Hydroxy) Gas as an additive	Rituraj Choube	Prof. R. J. JANI
4	Design and Experimental investigation on Driveline Of Human power and Electric Series Hybrid Vehicle	Sapariya Ramesh Kantibhai	Prof. S.N.PATEL
5	Effect of preheating and flashing of biodiesel-diesel blends on performance and emission characteristics on HCCI mode compression ignition engine	Shah Anil P	Prof S.K DABHI
6	Effect of Supercharging and Injection pressure on performance, Emission and Combustion of 4 stroke Single Cylinder CI Engine using Palm Oil Bio diesel – Diesel Blend	Gaurav N Sutaria	Prof. P.C.SHETH