

CURRICULUM VITAE

KULDEEP D. PATEL

Assistant Professor

Automobile Engineering Department

ADIT

OBJECTIVE

To explore challenging project for Research in Automobile sustainability through Testing & Homologation and Exhaust Emission related field for better societal structure in future.

EDUCATIONAL QUALIFICATION

| Course | Institution | Examination Authority | Month & Year of Passing | % of Marks/Class/Grade |
|-----------|---------------------------------|----------------------------------|-------------------------|------------------------|
| M.E (MD) | Birla Vishvakarma Mahavidyalaya | Gujarat Technological University | JULY-2013 | 7.83 CPI |
| B.E(AUTO) | S.G.D.C.O.E- Jalgaon | North Maharashtra Uni. | JULY 2010 | 70.13 |
| D.A.E | KLE'S Polytechnic | D.T.E.B-BANGLORE | JULY 2007 | 75.24 |
| H.S.C. | R.P.T.P | G.H.S.E.B-Gujarat | March-2002 | 50.37 |
| S.S.C | M. U. Patel Tech. high school | G.S.E.B- Gujarat | March-2000 | 62.29 |

PROJECTS

| Institute | TITLE | Period |
|---|--|----------------------|
| Birla Vishvakarma Mahavidyalaya – Vallabh Vidyanagar | Design of three way Catalytic Converter for Automotive exhaust emission | July 2012 - May 2013 |
| S.G.D.C.O.E, Jalgaon (Shri Gulabrao Deokar College of Engineering.) | Project work on Designing & Modeling of pallet using solid-edge in final year. | July 2009 - May 2010 |
| K.L.E Society's Poly- Hubli (Karnataka, INDIA) | Production of Bio-Diesel fuel as a final year project in Diploma. | July 2006- May 2007 |

PAPERS PRESENTED / PUBLISHED

| Topic | Venue | On |
|--|----------------------------------|----------|
| Low cost exhaust catalyst (LaCoO ₃) for environmental application of automotive petrol engine catalytic converters | A.D.I.T Journal (ISSN:09733663) | Dec-2017 |
| Preventing the Motorcycle from Starting if the Side stand is Not Retrieve | IJSRRET | Oct-2016 |
| Catalytic Converter for Exhaust emission: A Review | GIMT at Kurukshetra, Haryana | NOV-2012 |
| Exhaust Reduction Systems for Future Automotive Engines | Saffrony institute of Technology | FEB-2013 |

| | | |
|--|----------------------|------------|
| Homogeneous charge compression ignition in National Conference | S.G.D.C.O.E- Jalgaon | March 2008 |
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INDUSTRIAL VISITS

- Visited ARAI (Automotive Research Association of India) at Pune.
- Visited FIAT India Ltd.at Pune
- Visited General Motors India Pvt. Ltd. at Halol, Gujarat.
- Visited Asia's biggest Body Building Workshop G.S.R.T.C at Naroda, Gujarat.

AREA OF INTEREST

- Vehicle Testing & Homologation, Automotive exhaust emission, Automobile systems, Automotive Chassis & body, Noise Vibration Harshness & Safety.
- Development of working prototypes for innovative projects with under graduate students, in capacity as internal guide.

WORKSHOP/STTP/SEMINAR/CONFERENCES

- Participated in one day regional seminar on "XXI Century: Priorities in Technical and Higher Education" organized by Charutar Vidya Mandal in association with ISTE, Gujarat Section & Gujarat Technological University on 3rd August, 2011.
- Participated in one week STTP on "Manufacturing Process Modeling & Simulation" organized by BVM (CVM) in associated with Design Tech, Pune from 6-10 January 2014.
- Attended one day FDP on "AUTO-DESK FUSION 360" on 26/10/2015 at ITC, Mogri.
- Attended one day national seminar on "Competency based Professional education: Theory to Practice" on 12th march 2016 at IICP, New v.v.nagar.
- Organized / Attended expert talk on "Engine Performance and Engine Technology" by Mr.Kelkar Kshitij, Engineer-PTE, ARAI on 8/10/2016
- Organized / Attended expert talk on "Vehicle Testing and Homologation" by Mr.Sanjay Nibandhe, Dy. Director, ARAI on 15/10/2016.
- Attended FDP on "Entrepreneurship" from 19/12/2016 to 31/12/2016.
- Organized and attended an Industrial training program on Bosch Diesel & Gasoline Engine Management, Vehicle Diagnosis & Vehicle Air-Conditioning system at BOSCH training centre, Bangalore.
- Participated as a Judge in dynamic event in BAJA SAEINDIA-2018 from 24th -28th Jan-2018 at NATRIP, Pitampur-MP
- Attended one week (February 4-9, 2019) FDP on "Recent Trends in Automobile Engineering" at ADIT.

- Attended one week (April 17-21, 2019) STTP on “Design of Engines for Emission Compliances” at IIT-Kanpur.

LANGUAGES KNOWN

English, Hindi, Gujarati.

PERSONAL INFORMATION

DATE OF BIRTH : 20 / 02 / 1986

HOBBIES : Travelling and listening to music.

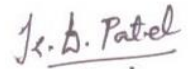
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PHONE NUMBER : +91-8128083309

DECLARATION

I hereby declare that the above information furnished by me is true to the best of my knowledge.

Yours truly,



Kuldeep D. Patel