

## **CURRICULAM VITAE**

### ***PERSONAL INFORMATION:***

Name: PATEL NIMIT M.  
Residential Address: 11,Neelkanth Greens,B/s Sanskardham Society  
Jitodia - Borsad road,  
Anand-388345, INDIA  
Contact No: 09558618236  
Date of Birth: 26<sup>th</sup> November, 1981  
Current Designation: Assistant Professor  
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### ***EDUCATION QUALIFICATION:***

<b>Sr. No.</b>	<b>Examination or Degree</b>	<b>College &amp; University</b>	<b>Year of Completion</b>	<b>Percentage</b>	<b>Class</b>
1.	PhD (Thermal Engineering)	CHARUSAT	March,2019	---	----
2.	M.E.-Mechanical (IC-Automobile)	L.D.C.E. Gujarat Uni.	June,2009	67.24 %	First-Dist
3.	B.E.-Automobile	S.S.J.C.O.E,Jalgaon North Maharashtra Uni.,	May,2004	65.85%	First Class
4.	Diploma Automobile	TEB, Gandhinagar	October,2000	61.6%	First Class
5.	S.S.C	GSEB	March,1997	78.85%	First-Dist

***DETAILS OF EXPERIENCE:***

<b>Sr. No.</b>	<b>Name &amp; Address of Institute</b>	<b>Total period</b>	<b>From-To</b>	<b>Designation</b>
1.	A.D.Patel Institute of technology New V.V.Nagar,Karamsad	13.1 years	01.06.2006 to Till Now	Assistant Professor
2.	A.D.Patel Institute of technology New V.V.Nagar,Karamsad	11 Months	01.07.2005 to 31.05.2006	Adhoc Lecturer
3.	Sigma Institute of technology, Makarpura, Vadodara	7 Months	15.12.2004 to 20.06.2005	Lecturer

***PAPER PRESENTED/PUBLISHED :***

<b>Sr. No.</b>	<b>National/ International</b>	<b>Topic</b>	<b>Institute</b>	<b>Month &amp;Year of Presented</b>
1.	National	Fluid flow analysis in intake manifold of single cylinder SI engine using fluent.	Parul Institute of Technology –FTME 2009	September 2009
2.	National	CFD modeling of aerodynamic flow around heavy duty vehicle model.	Parul Institute of Technology –FTME 2009	September 2009
3.	National	In-cylinder flow through piston port engines modeling using dynamic mesh	SMVDU ,Jammu	November 2009
4.	International	Transformation of Diesel Engine to Dual Fuel Engine Using Injector Nozzle of Multi Holes Geometries: A review pp.459-472	International Journal of Theoretical and Applied Mechanics.	Oct 2017
5.	International	A Parametric Study for Optimization of Gas Injector Orientation and Its Effect on Duel Fuel Engine Using CNG as Fuel	International Journal of Applied Engineering Research	Nov.2017

6.	National	Performance & Analysis of Automotive Radiator: Review	National Conference on Recent Research & Development in Core Disciplines of Engineering	Jan.2018
7.	International	Experimental Investigation Of Injector Orientation And Its Effect On Exhaust Emission Of Diesel Engine In Compressed Natural Gas Engine	International Journal of Scientific Research and Review	Volume 8, Issue 4, 2019

***SEMINAR/WORKSHOP/STTP/CONFERENCE ATTENDED:***

Sr. No.	Title	Held at (Name of Institute)	Month & Year	Remark
1.	Getting Mileage through Industrial Tours and Visits	ADIT, New V.V.Nagar.	September 2006	Workshop
2.	Enhancing Student Satisfaction	ADIT, New V.V.Nagar.	September 2006	Workshop
3.	Basics and Operational On Auto Diagnostics & Service Equipments	ELGI Service Ltd., Coimbatore.	December 2006	Training (10-days)
4.	SAE student Chapter Inauguration	ADIT, New V.V.Nagar.	February 2007	Seminar
5.	ISTE Regional Seminar “ XXI Century: Priorities in Technical and higher Education”	ADIT, New V.V.Nagar.	August 2011	Seminar
6.	“Advanced Combustion, Emissions and Modeling Aspects”	IIT Kanpur	May 2014	STTP (1 Week)
7.	Finite Element Simulations Using Ansys in 2016	BVM, V.V.NAGAR	May 2016	STTP (1 Week)
8.	KIA Workshop on Team Creativity at Workplace	H.M.Patel CDC Center, V.V.Nagar	Oct.2018	Workshop
9.	KIA Workshop on ?Skills for Student Parenting	H.M.Patel CDC Center, V.V.Nagar	Oct.2018	Workshop
10.	“Advances in Automobile Engineering”	ADIT, New V.V.Nagar	February 2019	STTP (1 Week)

### ***TECHNO-ADMINISTRATIVE ACTIVITIES AND ACADEMIC EXCELLENCE:***

- Departmental ISO process member
- Departmental Credit System Committee Member form last one year.
- Departmental NBA process member
- Jury member for national level event eagle eyes (part identification) for students at Brahmastra, 2009 at BVM.
- Faculty Advisor
- Time table committee member from department.
- Participated as a Faculty advisor in SAE BAJA Event for 2013, 2014 and 2015.
- Guided as a Faculty advisor in “Electric Two Wheeler Design Competition” (ETWDC-2019) in SAE Southern Section, Tamilnadu, in Sep.2019.

### ***LABORATORY HANDLED:***

- Over all laboratory In charge of Automobile Department.
- Prepared experimental setup and handouts for vehicle maintenance and garage practice, automobile engine and alternate fuels and engine.
- Set up three automobile laboratories
  - Automobile Systems
  - Vehicle maintenance and garage practice
  - Automobile Electric and Electronics

### ***SUBJECT TOUGHT:***

- Automobile Electrical and Electronics
- Automobile Engine
- Automobile Systems
- Automobile Chassis And Body Engineering
- Transport Management And Laws
- Vehicle Maintenance And Garage Practice
- Elements Of Mechanical Engineering

### ***INDUSTRIAL TOURS/VISITS AND TRAINING:***

- Under went a ten days training programme on basic operation of Automobile Diagnostics & Service Equipments at ELGI Service Ltd. during 18<sup>th</sup> December 2006 to 28<sup>th</sup> December 2006 at Coimbtore along with 41 students.
- Participated one day Industrial Visit at Sharma Bus body Building, Vintage car Museum, and L.D.Engineering College Ahmedabad with more than 50 students of third level Automobile Engineering in March 2008.
- Organized one day Industrial Visit at Central Workshop, Naroda, Ahmadabad, Vintage car Museum, with more than 50 students of third level Automobile Engineering in the month of April 2010.
- Organized 5 days Industrial Visit at A.R.A.I, Pune and Fiat Engg. Pune, with more than 50 students of fourth level Automobile Engineering in the month of October 2010.
- Participated one day Industrial Visit at AMW, Bhuj with more than 50 students of third level Automobile Engineering in the month of March 2011.
- Guiding a project for the final level student in the subject of Industrial Training and Projects presently.
- Organized 5 days Industrial Visit at A.R.A.I, Pune and John Deere Pvt.Ltd., Pune, and Mahindra Navistar engines, Pune with more than 50 students of fourth level Automobile Engineering in the month of October 2013.
- Organized 5 days Industrial Visit at A.R.A.I, Pune and Mahindra & Mahindra., Pune, and Volkswagon, Pune with more than 45 students of fourth level Automobile Engineering in the month of October 2014.
- Organized 3 days Industrial Visit at A.R.A.I, Pune and Mahindra & Mahindra., Pune, ARAI and John Deere, Pune with more than 40 students of fourth level Automobile Engineering in the month of October 2016.
- Organized 3days Industrial Visit at A.R.A.I, Pune and Mahindra & Mahindra., Pune, and John Deere, Pune with more than 40 students of fourth level Automobile Engineering in the month of October 2017.
- Organized 3days Industrial Visit at A.R.A.I, Pune and Mahindra & Mahindra., Pune, and John Deere, Pune with more than 44 students of fourth level Automobile Engineering in the month of October 2018.

- Organized 3 days Industrial Visit at A.R.A.I, Pune and Mahindra & Mahindra., Pune, and Fiat Engineering, Pune with more than 44 students of fourth level Automobile Engineering in the month of October 2019.

***PROFESSIONAL MEMBERSHIP:***

- ISTE – Life membership (LM-53318)
- ADIT—Alumni Association.
- IE- Institute of Engineers
- SAE- Society of Automotive Engineering

***REFERECE:***

- **Dr.V.N.Singh**

Principal,

ADIT

- **Dr. S.M.Patel**

Head,

Department Of Automobile Engineering

ADIT

**Dr. Nimit M.Patel**