

DHRUV S JOSHI

[M.E: I C AND AUTOMOBILE]

[B.E : MECHANICAL ENGINEERING]

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CAREER OBJECTIVE:-

“To use my skill and knowledge in the field of mechanical engineering to contribute something positive to society and to set an example for other so they do the same. Seeking a responsible, challenging and an active position in serving engineering field where my skills, knowledge and positive attitude will be fully utilized.

ACADEMIC QUALIFICATION:-

Examination	University/Board	Month/Year	Percentage
M.E (IC AND AUTOMOBILE)	S V M I T-BHARUCH (GUJARAT TECHNOLOGICA UNIVERSITY)	July, 2016	80.00 %
B.E (MECHANICAL)	CITC CHANGA (GUJARAT TECHNOLOGICA UNIVERSITY)	June-2012	60.00 %
H.S.C	G.S.H.S.E.B	March-2008	72.00 %
S.S.C	G.S.H.S.E.B	March-2006	89.00 %

PAPER PUBLICATION DETAILS:-

- Published, “**Importance of Tribology in Internal Combustion Engine: A Review**”, at International Research Journal of Engineering and Technology, Volume 2 Issue 7, Oct, 2015.
- Presented and Published, “**Performance Improvement and Exhaust Emission Control On IC Engine Using Multi fuels: A Review**”, 2nd International Conference on Multidisciplinary Research & Practice (ICMRP-2015,RSIS), in December 2015 at Ahmadabad Management Association, ATIRA Campus, IIM-A Road, Ahmadabad, Gujarat, India.
- Published, “**Exhaust Emission Control and Performance Improvement of IC engine Using Multi fuels**” in international journal of advanced engineering and science, Volume 3,Issue-4, April 2016.
- Presented and published, “**Effect of addition of Nano-particles on Lubricating Oil as Additives: A review**” in International Journal of Scientific Review & Research in Engineering & Technology(IJSRET) ISSN: 2455-3603,Vol.2(3),Mar.-Apr. 2017.

EXPERIENCE (3 years):-

1. Worked with the **Dynamic balancing, BARODA** as a **GET** for 6 months. (01. 2013 – 06. 2013)
 - Balancing the Rotor & Shaft with Using ABRO Software.
 - Designed the different shafts in Auto cad Software.
2. Worked with the **Kaneria Granito Ltd, Dahej** as a **GET** for 4 months. (08. 2013 – 11. 2013)
 - Working in Maintenance department.
3. Worked with the **Shree S'ad Vidhya Mandal Institute of Technology, Bharuch** as a Lab Instructor for a 9 months.(12. 2013 – 08. 2014)
 - Maintaining & repairing of all the Machines in the laboratory of automobile, Hydraulics, and Fluid mechanics & Workshop of Mechanical.

4. Shree S'ad Vidhya Mandal Institute of Technology, Bharuch

Post: **Adhoc. Assistant Professor (Mechanical Department)**

Joining Date: 1st Aug 2016 to till Today.

GUIDENCE:-

- Successfully guided the B.E Students & M.E Students for the final year thesis.

IT/COMPUTER SKILL:-

- **Software & tools: - OBD I & II, Cero 1.0 & 2.0, Auto Cad, Mini Tab 2014, 5 gas Analyzer & Smoke Meter.**
- **Basic :- MS word, MS power-point, MS Excel etc.**

SUBJECTS OF INTREST:-

- I.C Engine & Automobile
- Kinematics of Machines
- Elements of Mechanical Engineering
- Workshop Practice
- Fluid power Engineering
- Production Technology

THESIS UNDER TAKEN IN COLLEGE:-

SEMINAR TITLE	Semester
A review on vibration & noise of Muffler	M.E.3 rd
Comprehensive Diagnosis methodology of a car system	M.E.3 rd
A review on different SUV cars	M.E.3 rd
Review of diesel engine emission control through after treatment devices	M.E.3 rd
THESIS TITLE	Semester
Tribological study of diesel engine using nano-particles as additives	ME (final year 2016-2017)
Economical Approach for rural development using Alumina Nanoparticles & Biodiesel- Biogas blended diesel fuel in tractor	ME (Current year 2017-18)
Design & Analysis of pipe bending machine	BE (Final year)

PROJECT HISTORY:-

THESIS M.E IC & AUTOMOBILE

Duration	1 YEAR
TOPIC	Exhaust Emission Control & Performance Improvement of IC Engine Using Multi-fuels. (like Biogas, LPG)

HOBBIES:-

- Playing football
- Travelling
- Group Activities & Social work

EXTRA CURRICULAR ACTIVITY:-

- I am an active member of Sports & Recreational Club of GNFC.
- Participated in **ROBOBRAINS**: Workshop for designing and programming autonomous robots held in MS University Baroda.
- Participated in **state level basketball competition.**
- Participated in **state level handball & chess competition.**
- I am a **Laboratory Coordinator** of mechanical engineering department in SVMIT engineering collage.
- I am a **training & placement officer** in SVMIT Engineering Collage.

PERSONAL DETAIL:-

- Name :- Dhruv S. Joshi
- Birth date :- 3rd May, 1991
- Gender :- Male
- Languages known :- English, Hindi, Gujarati
- Marital Status :- Unmarried
- Permanent Address :- Steert No.9/5,G.N.F.C ,Narmadanagar township,Bharuch.

I hereby declared that the above details are true as per my knowledge.

Yours faithfully
DHRUV S. JOSHI