RESUME

HEMANG RAJNIKANT JIVANRAMJIWALA

B/702,Sargam Apartment,
Opp.Bhulka Bhavan School,
Adajan, Surat,Gujarat,India-395009
Mob: 09427126363
E-Mail: hemangrj@yahoo.com

CAREER OBJECTIVE

To pursue a challenging and growth oriented career in the field of mechanical engineering.

ACADEMIC QUALIFICATION

University   **:-**   Sardar Vallabhbhai National Institute of Technology
College/Institution   **:-**   Sardar Vallabhbhai National Institute of Technology
Course   **:-**   M.Tech (Thermal System Design)

Qualification	Year of Passing	Progressive Performance Index(CGPA)	Result
M Tech (Thermal System Design)	August- 2010	9.83/10	1st class with Distinction

University   **:-**   South Gujarat University
College/Institution   **:-**   Shri S'ad Vidya Mandal Institute of Technology, Bharuch
Course   **:-**   B.E. (Mechanical)

Qualification	Year of Passing	Percentage	Result
B.E.(Mechanical)	June-2000	66.50 %	1st class with Distinction

PROJECT WORKS

M.Tech. Dissertation Title : *"THERMODYNAMIC ANALYSIS AND OPTIMIZATION OF R507A-R23 CASCADE REFRIGERATION SYSTEM"*

SIGNIFICANT ACHIEVEMENT

-**Secured 1st rank in all the five M.Tech courses in Mech.Engg Dept. with 9.83 CGPA (Gold Medalist)**

-**National Award winner (1st rank) for best M.Tech thesis in Mechanical engineering for the year 2010 given by Indian Society of Technical Education-GSFC.**

TECHNICAL PAPER PRESENTATION

Paper Title	International Conference	Place	Year
Energy Efficiency in Pumping Systems	ICETAETS	Rajkot,India	2008
Model Analysis of Air-Conditioning System of Car	ICETAETS	Rajkot,India	2008
Performance Assessment Approach and Techno-Economical Analysis for Energy Conservation of Industrial Fan in Cement Industry- A Case Study.	ICEM	Banaras Hindu University,Banaras	2009
An Approach for Energy Savings in Refrigeration and Air-Conditioning Systems	ICEM	Banaras Hindu University,Banaras	2009
Optimization of R507A-R23 Cascade Refrigeration Sytem using Genetic Algorithm	WASET	Paris, France	2010

EXPERT LECTURE DELIEVERED

-Lectures delivered at long term training programme at Nodal Institute (**Chemicals & Petrochemicals Sectors, N.G.Patel Polytechnic, on**
1. Performance assessment and energy conservation in cooling tower for 3 hrs.
2. Heat transfer calculation and efficiency calculation for boilers for 4 hrs.
3. Delivered expert lecture on Thermal Engineering at A.Y.Dadabhai Polytechnic, Kosamba as expert for final year students of Mechanical Engineering.

TRAINING/WORKSHOP ORGANIZED

-Organizing short term training programme as a coordinator under Anchor Institute D.D.U, Nadiad and Nodal Institute, N.G.Patel Polytechnic, Isroli on "Energy Conservation & Audit Methodology for Industrial Equipments" for final year engineering and diploma students, faculties and technicians from Industries from the Gujarat.

PROFESSIONAL MEMBERSHIP

(1) Life membership of Institution of Engineers (India), under Member category M-1430895.
(2) ASME member

PERSONAL DETAILS

Languages known	Read, write and speak fluently Gujarati, Hindi and English
Total work experience	**11 yrs.**
Teaching Experience	Presently Working as a Senior lecturer at Dept of Mech. Engg at N.G. Patel Polytechnic since last **9 (nine)** years.
Industrial Experience	Worked as a Maintenance Engineer for 2 yrs at

JOURNAL AFFILIATION

- "Associate editor" of the international journal "Bioinfo Mechanical Engineering – **ISSN-2277-3738(Print) and –E-ISSN-2277-3746 (Online).**
- Reviewer of "International Journal of Engineering, Technology & Applied Research"- **ISSN: 1792-8036.**
- **Working as an Editor review committee of "International Journal of Scientific and Engineering Research"** -(ISSN 2229-5518)
- Working as an Editorial board member of "International Journal of Emerging Technologies and Applications in Engineering, Technology and Sciences ISSN-0974-3588
- **Worked as a** Member of technical committee for "2011 International Conference on Power Science and Engineering (ICPSE 2011) to be held at Chengdu, China during Nov-2011-Committee Code- EN-D0473