

R E S U M E

PERSONAL DETAILS

Name: Dr. Shailesh K. Patel
E-mail: skpatel_mech@rediffmail.com, skpatel.mech@gmail.com

EDUCATION

Ph.D. Ganpat University, Kherva, Mehsana

**Masters in Engineering [Mechanical] completed with 78.11 % in April 2009.
Specialization- Thermal Engineering**

**M. B. M. Engineering College, Jai Narain Vyas University, Jodhpur,
Rajasthan.**

**Bachelor of Engineering (Mechanical) completed with 62.88 % (1999)
Specialization- Refrigeration and Air-conditioning**

Gujarat University, GEC, Bhuj,

DESIGNATION

Head of Department And Principal (I/c)

DEPARTMENT

Department of Mechanical Engineering

PUBLICATIONS AND CONFERENCES

- Karwa, R, Maheshwari B. K., Patel S. K., “Experimental Study of Heat Transfer and Friction in Annular Ducts with a Heated Tube Having a Spirally Wound Helical Spring”, International Journal of Enhanced Heat Transfer, volume 17, 2010), Begellhouse Inc. U.S.A.
- Karwa, R., and Patel S. K., “Critical Heat Flux and Film Boiling under Spray Cooling Conditions: A Review”, Advances in Heat and Mass Transfer, October-2009, Finolex Academy of Engineering and Management, Ratnagiri, Maharastra.
- Patel, S. K. et. al., “Investigation of Heat Transfer in Concentric Annuli with Perforated Inserts”, Journal of Experimental & Applied Mechanics, Volume-09, Issue- 1 pp.-56-68, 2018.
- Patel, S. K. et. al., “Numerical Simulation of Fluid Flow in Annuli with Groove in Inner Pipe for Different Reynolds Number and Aspect Ratios”, International Journal for Research in Engineering Application and Management, Volume-04, Issue – 02, pp. – 509-515, 2018.
- Patel, S. K. et. al., “Inverse Method for Function Estimation in Turbulent DPHE Flow”, International Journal of Research in Electronics and Computer Engineering,

Volume – 06, pp. – 422-428, 2018

- Patel, S. K. et. al., “Inverse Method for Function Estimation in Turbulent DPHE Flow”, International Conference on Engg. Technology, Science and Management Innovation (ICETSMI-2018), Pune, Conference Proceeding, pp. – 102-108, 2018

ACHIEVEMENT

- Organized state level one day seminar on **QUALITY MANAGEMENT IN TECHNICAL EDUCATION** at SSPC, Visnagar as coordinator (26th June 2010)
- Organized state level project and poster competition at our institute under the title of “Abhigyan” every year as Patron.
- Designed syllabus of subject 5th sem. Diploma under GTU, Ahmedabad with title “SELF EMPLOYMENT AND ENTERPRENEURSHIP DEVELOPMENT”.

FIELD OF INTEREST

Heat transfer, Thermal Engineering, Refrigeration & Air-conditioning, Entrepreneurship Development and Data Science

OTHER INFORMATION

- Attended two week (14-25 October, 2002) STTP on “**WORLD CLASS MANUFACTURING**” at M. S. Polytechnic, Baroda
- Attended two week (5-17 May, 2003) Induction training program on “**COMPUTER SCIENCE**” at BBIT, V.V.Nagar, Anand.
- Attended two week (18-22, December, 2001) “**INDUCTION TRAINING PROGRAM**” at UVPCE, Ganpat Vidhyanagar, Kherva, Mehsana.
- Attended (28-30, January, 2008) STTP on “**EXPERIMENTATION ON ADVANCED MANUFACTURING MACHINES**” at GEC, Modasa
- Attended International conference on “**VIBRATION AND NOISE: ISSUES & CHALANGES**” at M. B. M. Engineering College, Jai Narain Vyas University, Jodhpur, Rajasthan.
- Attended one week (7-11, December 2009) STTP on “**RECENT TRENDS IN MATERIAL SCIENCE**” at SVNIT, Surat
- Attended one week (July-2011) STTP on “**CFD BASICS AND APPLICATION**” at Ganpat University, Kherva
- Attended two days(5th -6th October, 2018) national seminar on “Recent Technological Advancements in Heat Optimization of Thermal Power Plant” at SPCE, Visnagar