

FACULTY PROFILE



NAME: Mitesh Shamji Vegad

DATE OF BIRTH: 19/07/1977

HIGHEST QUALIFICATION: Master of Technology (M.Tech)

ACADEMIC PERFORMANCE:

	HSC	BE	M.Tech	PhD
Discipline	Science	Mechanical	Thermal	Thermal (Continued)
Class/GPA/CGPA/CPI	67%	7.77	8.99	

DATE OF JOINING THE INSTITUTE: 06/09/1999

STATUS AS ON JOINING THE INSTITUTE: Lecturer (Adhoc)

SALARY AS ON DATE OF JOINING: Rs.5000/- per month

CURRENT POST: Associate Professor

SALARY AS ON DATE: Rs.41,720/- (Basic)

NUMBER OF PROMOTION SINCE JOINING THE INSTITUTE: One

ACHIEVEMENTS SINCE JOINING THE INSTITUTE:

- (i) **F.D.**
 - Completed M.Tech at IIT, Kharagpur
- (ii) **R & D**
 - Nil
- (iii) **NO OF PUBLICATIONS**

International Journal Publication:

- 1) An international Journal Paper titled: 'Onset of unsteady axis-symmetric laminar natural convection in a vertical cylindrical enclosure heated at the wall', in Journal of Heat and Mass Transfer, Volume 46 (4), April 2010, pp 421-429

International Conference Publication:

- 1) A paper published in ASME Heat and Mass transfer conf. Titled “Numerical simulation of natural convection in a laterally heated vertical cylindrical enclosure with application to Czochralski crystal growth – steady state regime” 4 – 6 January 2006 at IIT Guwahati .
- 2) Boundary layer control of low Reynolds number flow around a symmetrical aerofoil using a leading edge slot: Effect of slot thickness, at Fourth International Conference on Advances in Mechanical Engineering (ICAME-2010) at Sardar Vallabhbhai National Institute of Technology (SVNIT), September 23-25, 2010, Surat.
- 3) Numerical simulation of phase change phenomena of a high Prandtl number fluid in a closed cavity: Effect of external uniform vertical magnetic field at Fourth International Conference on Advances in Mechanical Engineering (ICAME-2010) at Sardar Vallabhbhai National Institute of Technology (SVNIT), September 23-25, 2010, Surat.
- 4) Numerical simulation of phase change process of high prandtl numberfluid in a closed cavity: Effect of cavity aspect ratio, at FIME2010, May 20-22, 2010 - NIT, Surathkal, Karnataka.
- 5) Numerical And Experimental Investigation Of Laminar Flow Of Oil Through A Horizontal Tube, at FIME2010, May 20-22, 2010 - NIT, Surathkal, Karnataka.
- 6) Effect of orientation of an external magnetic field on phase change phenomena inside a closed cavity for a high Prandtl number fluid, at Fifth International Conference on Advances in Mechanical Engineering (ICAME-2011) held during June 06-08, 2011 at Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat.

National Conference Publication:

- 1) A paper published on National level conference on the trends in mechanical Engg. Titled “Numerical modeling of natural convection in a vertical cylinder” in 27th Dec. 2004 at Warangal A.P.

(iv) TEACHNING AWARDS: None

(v) BOOKS/MONOGRAPHS: None

(vi) CONFERENCE/SAMINARS ATTENDED:

- Two day HRD program on ‘Evolving a shared vision through transformational leadership’ organized by ISTE chapter and I.I.I Cell on 10th and 11th Feb,2000 at BBIT, V V Nagar
- Training program on “industrial Oil Hydraulics’ from 16th to 20th July,2001 at GCET, V V Nagar
- 3rd National Conference on Indian Energy Sector ‘Synergy with Energy’ held from 24th to 26th Feb,2007 at Tagore Hall, Ahmedabad

- STTP on 'Computational Fluid Dynamics' held by IIT, Bombay Golden Jubilee Extension Centre from 5th to 9th May 2008 at L.D.Engg. College, Ahmedabad

(vii) EXTRA CURRICULAR ACTIVITIES:

- Lab Incharge for the IC Engines lab
- Cricket Incharge for year 2000 and 2001
- Member of Credit System Committee 2005 and 2006

(viii) ADMINISTRATIVE ACTIVITIES:

- Secretary GCET ALUMNI ASSOCIATION (GAA)

(ix) SELF APPRAISAL

THREE MAJOR STRANGTHS: Good communication skills, hard working and always optimistic

THREE MAJOR WEAKNESSES: Speak too fast, trust people easily, introvert

Mitesh Vegad