

FACULTY PROFILE

Name: : Mihir Thakorbbhai Patel

Date of Birth: 02/06/1979

Highest Qualifications:

M. E. (Industrial Engineering)

Academic Performance:

Sr No	Examination	Name of School/College	Board/ University	Year Of Passing	% of Marks & Grade
1.	H.S.C.	Shree Sansthan High School, Dakor	G.S.E.B., Gandhinagar	1994	64.43 (First)
2	B.E. (Mechanical)	Govt. Engg. College, Modasa	North Gujarat University	2000	70.77 (Distinction)
3	M.E. (Industrial Engineering)	G.H. Patel College of Engineering & Technology, Vallabh Vidyanagar	Gujarat Technological University	2014	83.3 (Distinction)

Date of Joining: 1st April 2003

Status as on Date of Joining: Lecturer

Present Status: Lecturer

Achievements since date of joining:

- Developed Registration Software for the MPECS
- Life Member of I.S.T.E. (LM No.:36455)
- Associate Engineer member of Institution of engineers (AM155993-4)
- Completed M.E. (Industrial Engineering) with First class Distinction
- Published four research papers in different international journals
- Lab incharge of Hydraulic lab

2. R & D: NIL

Number of Promotions since Date of Joining: - 01-04-2009 (SS)

3. No. of Paper Published: 09

Sr. No.	Title of Paper	Publication	ISBN No. & other details
1	Experimental Investigation of Effect of Process Parameters on MRR and Surface Roughness In Turning Operation on Conventional Lathe Machine For Aluminum 6082 Grade Material Using Taguchi Method	Journal of Engineering Research and Applications (IJERA)	ISSN : 2248-9622, Vol. 4, Issue 1(Version 3), January 2014, pp.177-185
2	Optimization of Machining Parameters for Turning Different Alloy Steel Using CNC - Review	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	ISSN: 2319-8753, Vol. 3, Issue 2, February 2014
3	Application of Taguchi Approach for Optimization Roughness for Boring operation of E 250 B0 for Standard IS: 2062 on CNC TC	International Journal Of Engineering Development And Research (IJEDR)	ISSN: 2321-9939, Volume 2, Issue 2, June 2014
4	A Case study: A Process FMEA Tool to Enhance Quality and Efficiency of Manufacturing Industry	Bonfring International Journal of Industrial Engineering and Management Science	ISSN 2277-5056, Vol. 4, No. 3, August 2014
5	Investigation of Effect of Process Parameters on Different Performance Parameters for Aluminum Alloy on CNC – Review	Journal of Emerging Technologies and Innovative Research	ISSN 2349 – 5162, Volume 2, Issue 1, January 2015

6	Experimental Investigation of Material Removal Rate in CNC TC Using Taguchi Approach	Journal of Emerging Technologies and Innovative Research	ISSN 2349 – 5162, Volume 2, Issue 2, February 2015
7	Optimization of Turning Process Parameters by Different Optimization Technique- A Review	International Journal of Advance Engineering and Research Development	ISSN 2348 – 4470 Volume 2 Issue 03, March-2015
8	Multi Optimization in Wet Turning Process Using Taguchi Based Utility Concept	Proceeding of the 5 th National Conference on Recent Advances in Manufacturing (RAM 2015) SVNIT, Surat	ISBN : 978-93-5312-649-1 Proceeding of the 5 th National Conference on Recent Advances in Manufacturing (RAM 2015) SVNIT, Surat
9	Optimization of Process Parameters by Utility Concept- A Review	International Journal of Advance Engineering and Research Development	ISSN 2348 – 4470 Volume 2 Issue 06, June-2015

4. Teaching Awards: NIL

5. Books/Monograph: NIL

6. Workshops /Seminars/ STTP's attended:

Summary:

- **Seminar** on “WTO – Opportunity or Threat to Technical Education in Context of Excellence & Quality Assurance”, organized by BBIT, V.V.Nagar on 25th April, 2003.
- **STTP (2 week)** on "Pedagogy ", organized by BBIT, V. V. Nagar from 29th May to 11th June 2003.
- **STTP (2 week)** on "Recent Trends in Manufacturing Systems", organized by BBIT, V. V. Nagar from 1-12, March 2004.
- **STTP (2 week)** on "Recent Trends in Manufacturing Systems", organized by BBIT, V. V. Nagar from 17-27, November 2004.

- **Seminar** on “Employing Technologies for Rural Upliftment”, organized by CIT, Changa on 5th December 2004.
- **Workshop** on “Utilization of Educational Standards” organized by GCET, V. V. Nagar from 20-21 January 2005.
- **Workshop** on “Pollution: Anthropogenic Disaster” organized by BBIT, V. V. Nagar on 4th March 2006.
- **STTP (1 week)** on "Solid Works 3D Design & Modeling", organized by BBIT, V. V. Nagar from 15-20, November 2007.
- **Seminar** on “Managing Technical Education for Leveraging Innovation and Entrepreneurship”, organized by LDRP Institute of Technology & Research on 7th November 2009.
- **STTP (1 week)** on "Modern Computing Techniques in Mechanical Engineering", organized by BBIT, V. V. Nagar from 4-8, January 2010.
- **STTP (1 week)** on "Advanced AUTOCAD", organized by NITTTR, Bhopal from 22-26, February 2010.
- **STTP (2 week)** on "Pedagogy ", organized by BBIT, V. V. Nagar from 19-30 December 2011.
- **Conference** on “Emerging Trends in Mechanical Engineering”, organized by GCET, V.V.Nagar on 4-5th January 2013.
- **STTP (2 week)** on "Alternative Fuels", organized by NITTTR, Bhopal from 2-13, September 2013.
- **STTP (1 week)** on "Quality Engineering Management", organized GCET, V. V. Nagar from 15-19 December 2014.
- **STTP (2 week)** on "Pedagogy on Effective use of ICT in Engineering Education", organized IIT Bombay and MBICT, V. U. Nagar from 05-07 Jan – 2015 & 19-21 Jan 2015.
- **STTP (2 week)** on "Environment Pollution, Analysis and Treatment”, organized NITTTR, Bhopal from 16-27, March 2015.
- **STTP (1 week)** on "Advances in Mechanical Engineering”, organized NPIU, SPFU and BVM, V.V.Nagar, from 16-27, March 2015.

Area of Interest:

- Taguchi methodology and ANOVA
- Quality Engineering
- Fluid Mechanics and Hydraulic Machines