

# C.V. OF DR. P.R. TAILOR



- 1. NAME** : **TAILOR PARBHUBHAI RANCHHODBHAI**
- 2. DATE OF BIRTH & PLACE** : 24<sup>th</sup> February, 1951, SURAT, INDIA
- 3. PRESENT DESIGNATION & ADDRESS OF OFFICE** : Professor in Mechanical Engineering Department,  
S. V. National Institute of Technology,  
Surat-395007, INDIA
- ADDRESS OF RESIDECE** : 29, Shakti Vijay Society, Piplod, Surat.395007
- CONTACT No.** : 9825265140
- E-MAIL** : prtaylor.24@gmail.com
- 4. TECHNICAL QUALIFICATION** : (a) Ph.D. in Mechanical Engineering,  
I.I.T., Bombay, 1987.  
(b) M.E.(Mech) First Class with Distinction,  
South Guj. Uni., 1980.  
(c) B.E.(Mech.) First Class with Distinction,  
South Guj. Uni., 1974
- 5. EXPERIENCE** : Total Experience : 42 Years :  
a) Teaching : 37Years  
b) Research scholar(IITB) : 03 Years  
c) Industrial : 02 Years

## 6. OTHER EXPERIENCE

- a) Member of Ph.D. Admission Committee, Since 2007.
- b) Refrigeration and Air-conditioning Laboratory Incharge, Since 1987.
- c) P.G. Incharge for M. Tech. (Thermal System Design) during 2006 to 2011
- d) Member of Purchase committee of SVNIT Surat, since October 2011
- e) Grievance officer of the Institute, December 2006
- f) Senate member of S. V. National Institute of Technology, Surat ,since October 2006
- g) B.O.G. member of SVNIT, Surat for the year 2006

## 7. AWARDS

- a) Recipient of Prof. M.C. Joshi Memorial Award for the best work on APPLICATION IN THE FIELD OF CRYOGENIC ENGINEERING for the year 1986.
- b) Recipient of Hariom Ashram Arpit Bhaikaka Inter University Smarak Trust Award for the best paper in Mech. Engg. for the year 1988.
- c) Recipient of I.S.T.E. New Delhi NATIONAL AWARD for the best M.Tech guide in year 2010.

## 8. MEMBERSHIPS

- a) Fellow of Indian Cryogenic Council (I.C.C.), Calcutta.
- b) Member of Indian Society for Technical Education (ISTE), New Delhi.
- c) *Member IRAJ Editorial Board and Member for IRF (IRAJ Research Forum), Bhubaneswar, Odisha*

## 9. RESEARCH PUBLICATION

- TOTAL NO.OF PUBLICATIONS : 50
- A) NATIONAL CONFERENCE : 16
- B) NATIONAL JOURNAL : 01
- C) INTERNATIONAL CONFERENCE : 22
- D) INTERNATIONAL JOURNAL : 11

## 10. PARTICIPATION IN TECHNICAL COURSES

- 12 Short Term Technical courses participated at various leading technical institutes of India. Plus 3 National workshops attended.

## 11. Ph.D. THESIS/ M.TECH. Dissertation Guided

- a) Ph.D. THESIS GUIDED :2 COMPLETED  
:2 PURSUING
- b) M.TECH. Dissertation Guided :24

## Qualifications:

Degree or Diploma	University from which passed	Class or Division	Branch or Subject	Year of passing
S.S.C.	S.S.C Board Gujarat State	65% FIRST CLASS	Higher Maths & Science	1968
Pre-University	South Gujarat University	68% FIRST CLASS	Science	1969
B.E.(Mech)	- do -	67 % FIRST CLASS WITH DISTINCTION	Refrigeration & Aircond.	1974
M.E.(Mech)	- do -	80% FIRST CLASS WITH DISTINCTION	Refrigeration & Aircond.	1980
Ph.D.	Indian Institute of Technology, Bombay		Cryogenic Engineering	1987

## Experience:

Name of Employer	Designation of post	Nature of work	Period		Total years
			From	To	
<b>(a) Present</b>					
1. S.V.N.I.T, Surat.	Professor	Teaching	16-10-06	Continue	
2. S.V.R. College of Engg. & Technology, SURAT	Asst. Professor	Teaching	26-10-87	15-10-06	19
3. - do -	Lecturer	- do -	12-12-80	25-10-87	6.5
4. - do -	Asst. Lecturer	- do -	10-12-76	11-12-80	4
<b>(b) Past</b>					
1. B.V.M. Engg. College, Vallabh Vidhyanagar	Asst. Lecturer	- do -	21-6-76	9-12-76	0.5
2. Peass Industrial Engineers Pvt. Ltd., Navsari.	Asst. Engineer	Prod. Planning & Control	10-6-74	20-6-76	2

## **OTHER EXPERIENCE :**

### **❖ Other Experience: Department Level (PRESENT)**

- (1) Member of Ph.D. Admission Committee , since 2007.
- (2) Refrigeration and Air-conditioning Laboratory incharge ,since 1987.

### **❖ Other Experience: Department Level (PAST)**

- (1) P.G. Incharge for M. Tech. (Thermal System Design) during 2006 to 2011
- (2) Convener & Project Co-ordinator for Modernization and Removal of Obsolescence of Refrigeration and Air conditioning Laboratory, MHRD New Delhi, March 2003.
- (3) Member of "Task Group" to implement the 'Plan of Action for the Implementation of the National Policy on Education', May 1987.
- (4) Incharge of Heat Power Laboratory Development Programme, August 1981

### **❖ Other Experience: Institute Level (PRESENT)**

- (1) Chairman of a Canteen committee of the Institute for two years October 2013.
- (2) Chairman of a Tender committee for house keeping of S. V. Patel Bhavan, June 2012
- (3) Member of Purchase committee of SVNIT Surat,since October 2011
- (4) Chairman of a committee for procurement of furniture for institute Guest house September 2011.
- (5) Grievance officer of the Institute, December 2006
- (6) Senate member of S. V. National Institute of Technology, Surat ,since October 2006..
- (7) Recognition as Ph.D. Supervisor by SVNIT. Surat, since 2004.

### **❖ Other Experience: Institute Level (PAST)**

- (1) Chairman of Ph.D. Viva-Voce Examination 2012
- (2) Co-ordinator of B. Tech. First year 2008-09
- (3) Member of Scrutiny committees direct recruitment for the post of Registrar, December 2008.
- (4) B.O.G. member of SVNIT, Surat for the year 2006
- (5) Member of Scrutiny Committee for the post of Lecturer, June 2006.
- (6) Superintendent of Examination, November 2006.
- (7) Superintendent of Examination for SVNIT ,May2005
- (8) Superintendent of South Gujarat University Examination ,May-June 2001
- (9) Member of the Tender Committee Estate, September 2000
- (10) Member of Committee of the "Cross Checking of the stock Taking Report in Library, August 1990
- (11) Hostel Warden for two years ,December 1985-1987
- (12) Ex-Officio of Movie Committee for the year ,1986-87
- (13) Member of Canteen Committee ,January 1986

❖ **Other Experience: Outside World (PRESENT)**

- (1) Member of Expert Committee for National Board of Accreditation, New Delhi, since April 2011.
- (2) Advisor to UPSC, New Delhi, since March 2011.
- (3) Recognition as Ph.D. Supervisor in Mechanical Engineering by South Gujarat University, since 1992.
- (4) Member IRAJ Editorial Board and Member for IRF (IRAJ Research Forum). Bhubaneswar, Odisha
- (5) Reviewer of Songklanakarin Journal of Science and Technology, Thailand.
- (6) As an expert examiner at the Research week of the Gujarat Technological University.

❖ **Other Experience: Outside World (PAST)**

- (1) Seminar on “ Ecofriendly Refrigerants and its use in Cascade Refrigeration System” presented at TEQIP Funded National Seminar on Recent Advancement in Mechanical Engineering (RAME), at Dept. of Mechanical Engineering, Govt. College of Engineering & Textile Technology Berhampore, WB, India, 28 October 2013.
- (2) Session Chair in oral & technical presentation at International conference on the First Management & Engineering Congress, Singapore, August 15-16, 2013
- (3) Member of Advisory Committee of International conference on Emerging Trends in Mechanical Engineering, Vidyanagar, 2013
- (4) As a subject expert for Rajasthan Technical University May, 2013
- (5) Session Chair in oral & technical presentation at International Conference on Mechanical & Industrial Engineering, WASET, Singapore, September 28-30, 2011.
- (6) Advisor to UPSC New Delhi Interview board meeting for the selection of Sr. Scientific Officer 14-18 March, 2011.
- (7) Session Chair in oral & technical presentation at International Conference on Fluid & Thermal Engineering, WASET, Paris, October 27-29, 2010.
- (8) Chairman of a technical session for International Conference on Advances in Mechanical Engineering (ICAME 2008) at SVNIT, Surat, December 15-17, 2008
- (9) Chairman of a technical session for International Conference on Advances in Mechanical Engineering (ICAME 2009) at SVNIT, Surat, August 3-5, 2009
- (10) Member of a Local Committee for ITI, Valod, Dist. Surat, Oct. 1992.
- (11) Seminar on "Stirling Cryocooler" presented on invitation at Mechanical Engineering Department of IIT Bombay, 23 September 1987.

## Prizes / Awards received:

- a) Recipient of Prof. M.C. Joshi Memorial Award for the best work on APPLICATION IN THE FIELD OF CRYOGENIC ENGINEERING for the year 1986.
- b) Recipient of Hariom Ashram Arpit Bhaikaka Inter University Smarak Trust Award for the best paper in Mech. Engg. for the year 1988.
- c) Recipient of I.S.T.E. New Delhi NATIONAL AWARD for the best M.Tech guide in year 2010.

## Membership of Technical Societies:

Sr.No.	Name of Association / Society	Category	Membership No.
1.	Indian Society for Technical Education (ISTE), New Delhi	Life Membership	LM-3147
2.	Indian Cryogenic Council, Calcutta	Life Fellow	1st January, 1985 Onwards
3	Member IRAJ Editorial Board and Member for IRF (IRAJ Research Forum). Bhubaneswar, Odisha	editor	

## Research Publications

### International Journal

Sr. No	Title of the Paper	Publication Details
1	Thermoeconomic Optimization of Cascade Refrigeration System using Refrigerant Pair R404A-R508B.	International Journal of Applied Mechanics and Materials , Vols. 110-116 pp 677-684, (2012)
2	Thermodynamic Analysis of R507A-R23 cascade refrigeration system.	International Journal of Aerospace and Mechanical engineering, World Academy of science, engineering and Technology (WASET) Volume 6 , Issue 1, pp 35-39, (2012)
3	Numerical Simulation of Heat Exchanger Area of R410A-R23 and R404A-R508B Cascade Refrigeration System at Various Evaporating and Condensing Temperature.	International Journal of Engineering and applied science, World Academy of science, engineering and Technology (WASET), Volume 7 , Issue 1, pp 35-39, (2012)
4	Parametric study of R-404A/R-508B cascade refrigeration system.	International Journal of Emerging Technologies and applications in engineering, Technology, and sciences, Volume 3, Issue 1, pp 597-601, (2010)
5	Assessment of Refrigerants alternate to R-12.	International Journal of Emerging Technologies and applications in engineering, Technology, and sciences, Volume 3, Issue 1, pp 112-116, (2010)
6	Optimization of R507A-R23 cascade refrigeration system using Genetic Algorithm.	Special Journal Issue of World Academy of science, engineering and Technology (WASET), Issue : 70, pp. 4-8, October(2010)
7	"Optimum Design Charts for a Piston Displacer Stirling Cryocooler".	"Advances in Cryogenics", Vol. 35, Plenum Press, New York pp.1407-1414, (1990)
8	"Schmidt Cycle Analysis for Piston Displacer Stirling Cryocooler".	"Advances in Cryogenics" proceedings of the Second International Conference on Cryogenics, McMillan, India. pp.348-353, (1990),
9	"Analysis and Performance Prediction of Electromagnetically Driven Free Displacer Stirling Cryocooler".	the Journal CRYOGENICS, Vol. 28 No.3, pp.169-176, March (1988)
10	"Thermodynamic Analysis of the Stirling Cycle".	the Journal CRYOGENICS, Vol. 28 No.1, pp.36-45, January(1988)

### International Conferences:

Sr.No	Title of Paper	Conference Details
1	Vapour Compression-Absorption Cascade Refrigeration System-Thermodynamic Analysis	International Conference on HEAT TRANSFER, THERMAL ENGINEERING(THE-14) GENEVA, SWITZERLAND, DECEMBER 29-31, 2014
2	Thermal Design of Condenser using Ecofriendly Refrigerants R404A-R508B for Cascade Refrigeration System.	PSRC International Conference, October 6-7, 2013 at Dubai, UAE
3	Energy and Exergy Analysis of 77 MW Cogeneration Power Plant.	International Conference on First Management & Engineering Congress, August 15-16, 2013 at Singapore.
4	Analysis of combined cycle power plant.	International Conference on Mechanical and Industrial Engineering", World Academy of science, engineering and Technology (WASET), Singapore, Sept. 28-30, (2011).
5	Design of capillary tube and effect of length of its on performance of refrigeration system.	International Conference on "Frontier in Mechanical Engineering", National Institute of Technology, Karnataka, 20-22 May (2010).

Sr.No	Title of Paper	Conference Details
6	Application of genetic algorithm for optimization of shell & tube heat exchanger.	4th International Conference on Fluid Mechanics and Fluid Power, December 16-18, IIT Madras, Chennai, ,(2010)
7	Simulation and modeling of cascade refrigeration system.	International Conference on "Frontier in Mechanical Engineering", National Institute of Technology, Karnataka, 20-22 May (2010)
8	Energy and exergy analysis of cascade refrigeration system using different refrigerant pair.	International Conference on "Frontier in Mechanical Engineering", National Institute of Technology ,Karnataka, 20-22 May (2010)
9	Thermoeconomic Optimization of Cascade Refrigeration System using Refrigerant Pair R404A-R508B.	International Conference on Mechanical and Aerospace Engineering IEEE conference, 26-28, November, Kuala Lumpur, Malaysia (2010)
10	Numerical simulation of R410A-R23 and R404A-R23 cascade refrigeration system R508B.	International Conference of Fluid and Thermal Engineering", World Academy of science, engineering and Technology (WASET), 27-29 October, Paris, France(2010)
11	Optimization of R507A-R23 cascade refrigeration system using Genetic Algorithm.	International Conference of Fluid and Thermal Engineering", World Academy of science, engineering and Technology (WASET), 27-29 October, Paris, France.(2010)
12	"Analysis of Losses of Refrigeration capacity of Stirling cryocooler",	3rd International Conference on "Advances in Mechanical Engineering", S.V. National Institute of Technology, Surat , January 4 – 6, (2010).
13	Performance assessment approach and Techno-economical analysis for energy conservation of industrial fan in cement industry : A case study.	Energy conservation and Management - 2010, Book, Narosa Publishing house, New Delhi, ISBN : 9788184870787(2010)
14	Thermodynamic analysis of two - stage vapour compression refrigeration system.	International Conference on Emerging Research and Advances in Mechanical Engineering, at Velammal Engineering College, Chennai , March 19-21, (2009)
15	Thermodynamic Analysis of R-404A-R508B cascade Refrigeration system.	2nd International Conference on "Advances in Mechanical Engineering", S.V. National Institute of Technology, Surat , August 3-5, (2009)
16	Thermodynamic Analysis of two - stage vapour compression refrigeration system.	International Conference on Fascinating Advancement in Mechanical Engineering at Mepco Schlenk Engineering College, Sivakasi Dec.11-13,(2008)
17	Some studies on performance of axial flow fan.	International Conference on Recent Trends in Mechanical Engineering (ICRTME 2007), Ujjain Engineering College, Ujjain , October 4-6, (2007)
18	Assessment of refrigerants alternate to R-12.	International Conference on Recent Trends in Mechanical Engineering, Ujjain Engineering College, Ujjain , October 4-6,(2007).
19	"Optimum Design Charts for a Piston Displacer Stirling Cryocooler".	Accepted for presentation at Cryogenic Engineering Conference, Los Angeles, USA, 24-28 July (1989)
20	"Schmidt Cycle Analysis for Piston Displacer Stirling Cryocooler".	Presented at the Second International Conference on Cryogenics, Calcutta, INDIA, 6-10 DEC (1988)
21	"Thermodynamic Analysis of Stirling Cryocooler".	Accepted for presentation at the Third International Stirling Engine Conference, Rome, ITALY (1986).
22	"Analysis of an Electro-magnetically Driven Stirling Free Displacer Cryorefrigerator".	Presented at the First International Conference on Cryogenics, Calcutta, INDIA, 10-13 DEC(1985).



## National Journal

Sr. No	Title of the Paper	Publication Details
1	Preliminary Design of Reverse Stirling Cycle Refrigerator	Indian Journal of Cryogenics, Vol. 7 No. 4, pp.172-176 (1982)

## National Conferences:

Sr.No	Title of the Paper	Conference Details
1	"Non Ideal Gas Effect on Cooling Capacity of Stirling Cryocooler".	National Conference On "Emerging Trends in Engineering and Technology", March 24 – 25, at Swami Vivekanand College of Engineering, Indore, (2009)
2	"Experimental Study of Effect of Wind Energy on Heat Transfer Coefficient in Trapezoidal and Rectangular Shape of Absorber Plate in Box Type Solar Cooker".	National Conference On "Emerging Trends in Engineering and Technology", March 24 – 25, at Swami Vivekanand College of Engineering, Indore, (2009)
3	"Schmidt cycle analysis for piston displacer Stirling refrigerator".	in National Conference on Emerging Trends in Mechanical Engineering, 20 - 21 March, at G H Patel College of Engineering and Technology, Vallabh Vidyanagar. (2009)
4	"Stirling Cryocooler with Dead Volume"	in "National conference on Energy, MITSNCE-08", 18 – 19 October at Mody Institute of Technology and Science, Lakshmangarh ,Rajasthan, (2008)
5	"Analysis of Stirling refrigerator with dead volume and imperfect regeneration".	in "National conference on Energy, MITSNCE-08", 18 – 19 October, at Mody Institute of Technology and Science, Lakshmangarh ,Rajasthan (2008)
6	"Thermal Performance of 200 MW Thermal Power Plant".	in "National conference on Energy, MITSNCE-08", 18 – 19 October, at Mody Institute of Technology and Science, Lakshmangarh ,Rajasthan (2008)
7	"Thermal performance of Ideal Stirling cryocooler with error analysis".	in National conference of "Trends in Mechanical Engineering , 5 – 6 September, at A.G. Awete College of Engineering, PUNE. (2007)
8	"Role of Liquid Suction Heat Exchanger for Energy Conservation in Vapour Compression Refrigeration System."	Presented & Publiced in Proceedings of the 2 <sup>nd</sup> National Conference in Mechanical Engineering, Nov.10-11, at Thaper Institute of Engineering & Technology, Patiala. (2006)
9	"Analytical Study on Computerized Thermal Design of Stirling Cryocooler" .	Presented at National Conference in Mechanical Engineering , at Thaper Institute of Engineering & Technology, Patiala, 31 <sup>st</sup> October to 1 <sup>st</sup> November (2003)
10	"Performance Study on Air Curtain for a Refrigerated Transport Container".	Presented at National Conference in Mechanical Engineering at Thaper Institute of Engineering & Technology, Patiala, 31 <sup>st</sup> October to 1 <sup>st</sup> November (2003)
11	"Computer Aided Design & Case Study of Cryogenic Storage Vessel".	Presented at Nineteenth National Symposium on Cryogenics , at Jadavpur University, Calcutta on 24-26 MAR (2003)
12	"Thermodynamic Analysis of an Ideal Stirling Cycle for Cryocooler".	Presented at the 11 <sup>th</sup> National Symposium on Cryogenics at I.I.T., Kharagpur, 2-4 JAN (1991)
13	"Analysis & Design Aspects of Cryogenic Regenerator".	Presented at the 15 <sup>th</sup> National Conference on Fluid Mechanics and Fluid Power, Srinagar, 22-24 July (1987)

14	"Performance of the Stirling Cycle Cryocooler – A Thermodynamic Analysis".	Presented at the 8 <sup>th</sup> National Symposium on Cryogenics, Aurangabad, 12-14 FEB (1984)
15	"Error Analysis for Stirling Cycle Cryorefrigerator".	Accepted for presentation at the 5 <sup>th</sup> National Symposium on Cryogenics, Lucknow (1980)
16	"Preliminary Design of Reverse Stirling Cycle Refrigerator".	Presented at the 4 <sup>th</sup> National Symposium on Cryogenics, at I.I.T. Bombay, 17-19 DEC(1979)

### National Workshops Attended:

Sr. No.	Institute	Title	Period	
			From	To
1	Organized by National Board Of Accreditation, New Delhi, at Netaji Subhash Institute of Technology, New Delhi	ABET accreditation procedures, policies and practices.	28/03/2012	28/03/2012
2	Organized by National Board Of Accreditation, New Delhi, at Netaji Subhash Institute of Technology, New Delhi	Sustaining Quality and Meeting World Standards through Engineering Accreditation by Washington Accord	26/12/2011	26/12/2011
3	Organized by National Board Of Accreditation, New Delhi, at LDRP Institute of Technology & Research, Gandhinagar	Orientation Workshop for Chairmen/Expert Volunteers of Accreditation Expert Committees	03/06/2011	04/06/2011
4	Organized by Effective quality up gradation assistance for Tech. Education, New Delhi, at SVNIT, Surat	Management capacity development training for senior faculty.	14/03/08	15/03/08

### Ph.D Thesis guided :( 2 have completed, 3 are pursuing)

Sr. No	Name of students who have completed Ph.D	Title of the thesis	Year of degree
1	Parekh Ashok Dhirajlal	"Studies on Cascade Refrigeration System Using Ecofriendly Refrigerants."	2012
2	Mehta Nirvesh Sunambhai	"Thermal Design Of Electromagnetically Driven Free Displacer Stirling Refrigerator	2010

## M.Tech Dissertation Guided:(TOTAL:20)

Sr. No	Year	Branch/Stream	Name of student	Dissertation title
1	2015-16	M.Tech (TSD)	ARIJIT DAS	“THERMODYNAMIC ANALYSIS OF STEAM JET REFRIGERATION”
2	2015-16	M.Tech (TSD)	PRAVEEN SHREENIVAS CHAKITWAR	PERFORMANCE ENHANCEMENT OF HOUSE-HOLD REFRIGERATOR USING PCM.
3	2014-15	M.Tech (TSD)	PALASH GOYAL	“ANALYSIS OF AMMONIA-WATER AND LITHIUM BROMIDE-WATER VAPOR ABSORPTION REFRIGERATION SYSTEM”
3	2014-15	M.Tech (TSD)	PALASH GOYAL	“ANALYSIS OF AMMONIA-WATER AND LITHIUM BROMIDE-WATER VAPOR ABSORPTION REFRIGERATION SYSTEM”
4	2014-15	M.Tech (TSD)	SANJEEV KUMAR	“DEVELOPMENT AND EXPERIMENTAL INVESTIGATION OF THERMOACOUSTIC REFRIGERATOR”
5	2012-13	M.Tech (IPED)	MANDHATA YADAV	“THERMODYNAMIC CYCLE ANALYSIS OF MAGNETIC REFRIGERATION”
6	2012-13	M.Tech (TSD)	MUKESH CHOUDHRY	AN ENERGY AND EXERGY ANALYSIS OF VAPOUR COMPRESSION REFRIGERATION SYSTEM USING HYDROCARBON REFRIGERANTS.”
7	2012-13	M.Tech (IPED)	VIPIN NAIR	SOLAR AIDED VAPOUR COMPRESSION-ABSORPTION CASCADE REFRIGERATION SYSTEM”
8	2012-13	M.Tech (IPED)	HITESH GAHLAWAT	ANALYSIS OF INERTANCE TYPE PULSE TUBE REFRIGERATOR.
9	2011-12	M.Tech (TSD)	Kadam Kiran Ashok	Thermodynamic analysis and optimization of cascade refrigeration system using alternate refrigerants.
10	2011-12	M.Tech (TSD)	Ramakrishna Vanukuru	Optimization heat exchangers by entropy generation minimization and genetic algorithm.
11	2010-11	M.Tech (TSD)	Poshendra Khute	Thermodynamic analysis and optimization of cascade refrigeration system using refrigerants pairs R134a-R23 and R290-R23
12	2010-11	M.Tech (TSD)	Reena Makadia	Energy and exergy analysis of cogeneration power plant.
13	2010-11	M.Tech (TSD)	Tushar Mahajan	Design and optimization of cascade refrigeration system.
14	2009-10	M.Tech (TSD)	Nirav Sutaria	Exergy Analysis and Thermoeconomic optimization of actual cascade refrigeration system.
15	2009-10	M.Tech (TSD)	Vinod Shewale	Design and optimization of Shell and tube heat exchanger.
16	2009-10	M.Tech (TSD)	Tarachand V	Analysis of combined cycle power plant.
17	2009-10	M.Tech (TSD)	Tejendra Patel	Design, simulation and fuzzy modeling of multi-stage vapour compression refrigeration system.
18	2009-10	M.Tech (TSD)	Hemang Jivanramajiwala	Thermodynamic analysis and optimization of R507a-R23 cascade refrigeration system.
19	2008-09	M.Tech (TSD)	Oza Virang H.	Thermodynamic analysis and optimization of cascade

				refrigeration system.
20	2008-09	M.Tech (TSD)	Gaurav P. Kakkad	Performance analysis of single stage vapour compression refrigeration system by substitute of R12.
21	2008-09	M.Tech (TSD)	Kashmira M. Piyaja	Design and Analysis of porous metal foam for heat from for enhancement in the high heat-flux components.
22	2002-03	M.E (Mech) Turbo M/c	N.S.Mehta	Ukai thermal power plant – A case study .
23	2000-01	M.E (Mech)	Kailash T. patil	Exery analysis of a Vapour compression refrigeration system .
24	1997-98	M.E (Mech)	J.M.Patekari	Computer aided design of car air conditioning system.

### **Training Courses and Summer / Winter schools attended**

Sr. No.	Institute	Title	Period		
			From	To	Weeks
1.	L.E. College, Morbi	Thermodynamics	14-11-77	26-11-77	2
2.	I.I.T., Bombay	Role of Cryogenics and Refrigeration in Food Preservation.	28-11-77	17-12-77	3
3.	R.I.T., Jamshedpur	Energy Recovery and Transfer System.	04-06-79	17-06-79	2
4.	M.S. Uni., Baroda	Experimental Techniques in Mech. Engg.	02-06-80	21-06-80	3
5.	I.I.T, Kanpur	Advances in Ref. & Airconditioning	11-05-81	31-05-81	3
6.	R.E.C, Srinagar	Energy System & Engg.	10-06-82	26-06-82	2
7.	I.I.T., Bombay	Production & Operation Management.	03-12-84	20-12-84	3
8.	I.I.T., Bombay	Efficient Energy Utilization in Thermal Systems – an Exergy Approach.	19-05-86	30-05-86	2
9.	C.A.T.E., Udaipur	Energy Requirement in Rural Housing, Transportation, Communication and Renewable Energy.	17-09-86	30-09-86	2
10.	I.I.T., Delhi	Project System Management.	04-05-87	16-05-87	2
11.	I.I.T., Madras	Ceremics in Heat Engines.	15-05-89	26-05-89	2
12.	Govt. Engg. College, Trichur	Computer Aided Design & Drafting.	14-05-90	26-05-90	2

