

CURRICULUM VITAE

PERSONAL PROFILE

Name : **Dr. V. NATARAJAN**

Fathers Name : **P. VENUGOPAL**

Date of Birth : **15th JULY 1976**

Nationality : **Indian**

Address for communication: **G-2, Brindhavanam Enclave,
Plot No.11, Door No.6,
Parasuram Nagar, Pallikaranai,
Chennai – 600 100**

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Languages known : **English & Tamil**



EDUCATIONAL QUALIFICATIONS

DEGREE	COLLEGE / UNIVERSITY	CLASS	MONTH / YEAR OF PASSING
Ph.D.	Sathyabama University, Chennai – 600 119, TamilNadu, India.	-	July 2013
Thesis Title: Experimental investigations on Joule – Thomson Refrigeration system using compact heat exchanger and Mixed refrigerants.			
M.E. (Thermal Engineering)	Sathyabama University, Chennai – 600 119, TamilNadu, India.	First Class With Distinction	May 2005
B.E. (Mechanical Engineering)	St.Peter's Engineering College, Chennai, TamilNadu. (Madras University)	First Class	May 1998
Diploma in Mechanical Engineering	Meenakshi Ammal Polytechnic, Uthiramerur, TamilNadu, India (Directorate of Technical Education)	First Class with Distinction	April 1995
S.S.L.C.	Dr.P.S.S. Municipal Hr.Sec.School, Kanchipuram – 631 501 TamilNadu, India.	First Class	April 1991

TEACHING EXPERIENCE

Designation	Name of the Institution	Period	No. of Years
Professor	Jeppiaar Engineering College, Chennai. 600 119	From 1.6.2009	To Till Date
Lecturer	Jeppiaar Engineering College, Chennai. 600 119	5.8.2005 To 31.5.2009	4 Years
Lecturer	Lord Venkateshwara Engineering College	20.6.2004 To 16.7.2005	1 Year
Lecturer	Sri Venkateshwara College of Engg. &Tech.	21.6.2002 To 26.5.2004	2 Years
Lecturer	Meenakshi Ammal polytechnic College	9.6.1999 To 19.6.2002	3 Years
Lecturer	P.S.B.Polytechnic College	18.6.1998 To 27.5.1999	1 Year
TOTAL			15 Years

AREA OF INTEREST

- ✓ Refrigeration systems
- ✓ Alternate Refrigerants
- ✓ Compact Heat Exchangers
- ✓ Exergy Analysis
- ✓ Heat Transfer

PAPER PUBLICATIONS

1. **Natarajan, V.** and Senthil Kumar, P. (2011), "Experimental Evaluation on Tube-in-Tube Compact Heat Exchanger" in International Journal on Mechanical & Automobile Engineering, ISSN 0974-231X, Spring Edition 2011, Volume 12, Issue No. 01, December 2010-February 2011, Publisher of SERC from State of California (C.A.) USA, pp. 07-13.
2. **Natarajan, V.** and Senthil Kumar, P. (2011), "Recital Scrutiny on Tube-in-Tube Compact Heat Exchanger" in International Journal of Engineering Science and Technology, ISSN 0975-5462, April 2011, Engg. Journals Publications, Vol. 3, No. 4, pp. 2922-2927.
3. **Natarajan, V.** and Senthil Kumar, P. (2011), "Performance of Diminutive Wire Mesh as Extended Heat Transfer Surface for Tube-in-Tube Compact Heat Exchangers" in National Journal on Advances in Building Sciences and

Mechanics, ISSN 0975-7317, April 2011, Published by Sathyabama University, India, Vol. 2, No. 1, pp. 16-20.

4. **Natarajan V.** and Senthil Kumar P. (2012), "Performance Evaluation of High Effectiveness Tube-in-Tube Compact Heat Exchanger" in Engineering Today, ISSN 0974-8377, March 2012, Published by Maxsophia Hindustan Printers, India, Vol. 14, No. 3, pp. 187-192.
5. **Natarajan V.**, Murugan P. and Senthil Kumar P. (2008), "Performance Evaluation of High Effectiveness Tube-in-Tube Compact Heat Exchanger for low temperature Applications" in International Conference on Emerging Scenarios in Space Technology and Applications – 2008 (ESSTA 2008) at Sathyabama University in November 2008, pp. 259-265.
6. **Natarajan V.**, Murugan P. and Senthil Kumar P. (2008), "Experimental Investigation on Tube-In-Tube Compact Heat Exchanger for Cryogenic Applications" in International Conference on Emerging Research and Advances in Mechanical Engineering – ERA 2009, Velammal Engineering College, Chennai in March 2009, pp. 308-313.
7. **Natarajan V.** and Senthil Kumar P. (2010), "Performance of Thin Wire Mesh as Extended heat transfer surface for Compact Heat Exchanger" in International Conference on Frontiers in Automobile and Mechanical Engineering (FAME-2010) at Sathyabama University in November 2010, pp. 221-226.
8. **Natarajan V.** and Senthil Kumar P. (2010), "Experimental Investigation on modified vapour compression refrigeration system" in International Conference on Frontiers in Automobile and Mechanical Engineering (FAME-2010) at Sathyabama University in November 2010, pp. 252-255.
9. **Natarajan V.** and Senthil Kumar P. (2012), "Experimental Analysis of Tube-in-Tube Compact Heat Exchanger Performance" in 2nd International Conference on Advances in Mechanical, Manufacturing and Building Sciences (ICAMB-2012) at VIT University in January 2012, pp. 852-857.
10. **Natarajan V.**, Murugan P. and Senthil Kumar P. (2009), "Introverted Study on Tube-In-Tube Compact Heat Exchanger for Low Temperature Applications" in National Conference on Discover Real Engineers and Mechanical Simulations – DREAMS'09, Dhanalakshmi Srinivasan Engineering College, Perambalur in March 2009, pp. 101-106.
11. **Natarajan V.**, Murugan P. and Senthil Kumar P. (2009), "Recital Revelation of High Effectiveness Tube-In-Tube Compact Heat Exchanger" in TEAMS-2009, NSS College of Engineering, Palakkad, Kerala in March 2009.
12. **Natarajan V.**, Murugan P. and Senthil Kumar P. (2009), "Investigational Exploration on Tube-In-Tube Compact Heat Exchanger" in National Conference on Recent Innovations In Technology (NCRIT- 2009) at Rajiv Gandhi Institute of Technology, Kottayam, Kerala in March 2009.

13. **Natarajan V.**, Murugan P. and Senthil Kumar P. (2009),“Experimental Scrutiny on Tube-in-Tube Compact Heat Exchanger” in National Conference on Mechanical Engineering Research (NCMER 2009-II) at Bharath University in September 2009, pp. 74-82.
14. **Natarajan V.**, Murugan P. and Senthil Kumar P. (2009),“Synthesis of Hydro-Carbons as Working Fluid for Low-Temperature Circuit in Linde-Hampson Refrigeration System” in National Conference on Mechanical Engineering Research(NCMER 2009-II) at Bharath University in September 2009,pp. 105-114.
15. **Natarajan V.** and Senthil Kumar P. (2010), “Experimental Studies on Tube-in-Tube Compact Heat Exchanger” in 23rd National Symposium on Cryogenics (NSC-23) at National Institute of Technology, Rourkela, in October 2010, NSC23-200-30.
16. **Natarajan V.** and Senthil Kumar P. (2011), “Experimental Revelation on Thin Wire Mesh as Extended Heat Transfer Surface for Tube-in-Tube Compact Heat Exchangers” in National Conference on Recent Advances in Mechanical Engineering(RAME 2K11) at Noorul Islam Centre for Higher Education, Noorul Islam University in April 2011, pp. 115-119.

MEMBERSHIP IN PROFESSIONAL BODY


Life member in “**Indian Cryogenics Council**”

I hereby declare that the above - furnished information's are true and correct to the best of my knowledge.

Station : **Chennai**

Date : 28.09.13

Signature



(Dr. V. NATARAJAN)