

National Institute of Technology, Tiruchirappalli: Performa for CV of Faculty/ Staff Members

Curriculum Vitae

Brief Profile: Dr. Harish's research interests include Alternate Refrigerants, Cryogenic refrigerators operating with mixtures (hydrocarbons), Design of Heat exchangers, Expansion capillary design and Vapor compression Refrigeration systems.



1. Name: Dr. S S Harish Kruthiventi
2. Designation: Assistant Professor
3. Office Address: Room No M11, Department of Mechanical Engineering
4. Telephone (Direct) (Optional):
Telephone : _____ Extn (Optional): _____
Mobile (Optional): _____
5. Email (Primary): harish@nitt.edu
Email (Secondary) : harish.kruthiventi@gmail.com
6. Field(s) of Specialization: Refrigeration, heat exchangers design, mixed refrigerants, VCR systems, expansion capillary design
7. Employment Profile

Job Title	Employer	From	To
Edison Engineer	General Electric, Bangalore	22/7/2011	5/12/2011

8. Academic Qualifications (From Highest Degree to High School):

Examination	Board / University	Year	Division/ Grade	Subjects
Ph.D	IIT Madras	2017	Distinction in course work	Thermal Engineering
M.Tech	NIT Warangal	2011	Distinction	Thermal Engineering
B.Tech	JNTU Kakinada	2009	Distinction	Mechanical Engineering

National Institute of Technology, Tiruchirappalli: Performa for CV of Faculty/ Staff Members

9. Academic/Administrative Responsibilities within the University

Position	Faculty/Department/Centre/Institution	From	To

10. Academic/Administrative Responsibilities outside the University

Position	Institution	From	To

11. Awards, Associateships etc.

Year of Award	Name of the Award	Awarding Organization

12. Fellowships

Year of Award	Name of the Fellowship	Awarding Organization	From (Month/Year)	To (Month/Year)

13. Details of Academic Work

- (i) Curriculum Development
- (ii) Courses taught at Postgraduate and Undergraduate levels
- (iii) Projects guided at Postgraduate level
- (iv) Other contribution(s)

14. Details of Major R&D Projects

Title of Project	Funding Agency	Duration		Status
		From	To	Ongoing/ Completed

**National Institute of Technology, Tiruchirappalli:
Performa for CV of Faculty/ Staff Members**

15. Number of PhDs guided

Name of the PhD Scholar	Title of PhD Thesis	Role(Supervisor/ Co-Supervisor)	Year of Award

16. Participation in Workshops/ Symposia/ Conferences/ Colloquia /Seminars/ Schools etc. (mentioning the role)

Date (s)	Title of Activity	Level of Event (International/ National/ Local)	Role (Participant/ Speaker/ Chairperson, Paper presenter, Any other)	Event Organized by	Venue
16/8/2015 to 22/8/2015	ICR	International conference	Paper presenter	International Institute of Refrigeration	Yokohama, Japan
9/10/2017 to 13/10/2017	GIAN Course: Refrigeration technology with natural working fluids, specialisation on R744 (CO2)	National	Participant	Mechanical Engineering Department	IIT Madras
20/4/2018 to 21/4/2018	International Conference On Desalination (InDACON-2018)	International conference	Paper presenter	Chemical Engineering Department	NIT Trichy

17. Workshops/ Symposia/ Conferences/ Colloquia/Seminars Organized (as Chairman/ Organizing Secretary/ Convenor / Co-Convenor)

Title of Activity	Level of Event (International/ National/ Local)	Date (s)	Role	Venue

**National Institute of Technology, Tiruchirappalli:
Performa for CV of Faculty/ Staff Members**

--	--	--	--

18. Invited Talks delivered

Topic	Date	Inviting Organization

19. Membership of Learned Societies

Type of Membership (Ordinary Member/ Honorary Member / Life Member)	Organization	Membership No. with date

20. Academic Foreign Visits

Country	Duration of Visit	Programme

21. Publications

(A) Refereed Research Journals:

Author(s)	Title of Paper	Journal	Volume (No.)	Page numbers	Year	Impact Factor of the Journal (Optional)
S S Harish Kruthiventi and G Venkatarathnam	Studies on capillary tube expansion device used in J-T refrigerators operating with nitrogen-hydrocarbon mixtures	Cryogenics	87	76-84	2017	1.46

**National Institute of Technology, Tiruchirappalli:
Performa for CV of Faculty/ Staff Members**

S S Harish Kruthiventhi and G Venkatarathnam	Comparison of the Straight Adiabatic Capillary Tube Expansion Devices Used in Refrigeration Systems Operating With Refrigerants R134a and R1234yf.	Journal of thermal science and engineering applications, ASME	8	021015- 1- 021015-7	2016	0.98

(B) Conferences/Workshops/Symposia Proceedings

Author(s)	Title of Abstract/ Paper	Title of the Proceedings	Page numbers	Conference Theme	Venue	Year
S S Harish Kruthiventhi and G Venkatarathnam	Studies on coiled wire finned heat exchangers operating with wide boiling mixtures	Proceedings of the 24th IIR International Congress of Refrigeration		Small Scale cryogenic applications	Yokohama, Japan	2015
S S Harish Kruthiventhi, M Sakthivel and Sai sarath K	An Experimental Study For Compare The Performance Of Conventional Still , Still Using Earth Heat And Still Using Earth Heat Along With Storage Material	International Conference On Desalination (InDAICON- 2018)		Clean India Technologies, Role of Desalination And Swachh Bharat Mission	NIT Trichy	2018

National Institute of Technology, Tiruchirappalli:
Performa for CV of Faculty/ Staff Members

(C) Books & Monographs

Author(s)	Title of Book/Monograph	Name of Publishers	Year of Publication	ISSN/ISBN Number