

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

Associate Professor	National Institute of Technology, Tiruchirappalli. India	July 2010	Till date
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8. Academic Qualifications (From Highest Degree to High School):

Examination	Board / University	Year	Division/ Grade	Subjects
Ph.D	National Institute of Technology, Tiruchirappalli. India	Pursuing		
M.E	College of Engineering, Guindy (Anna University)	1992	I	Refrigeration & Air- Conditioning
B.E	A.C.College of Engg.and Technology, Karaikudi. MK University	1987	I	Mechanical Engineering

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.

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

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 :

Member Board of Studies for REC/NIT autonomous syllabus. Designed the Syllabus for the subjects – “Refrigeration And Air-conditioning” and “Power Plant Engineering”.

Framed the syllabus for new elective “Advanced Refrigeration and Air-Conditioning” for M.E. students.

Developed the Lab Manual for Refrigeration And Air-conditioning Laboratory.

Developed the study material for Basic Mechanical Engineering for three different syllabi.

Developed the study material for Engineering Practice Class.

ii) Courses taught at Postgraduate and Undergraduate levels

UG

- i) Refrigeration And Air-conditioning
- ii) Power Plant Engineering
- iii) Thermodynamics
- iv) Thermal Engineering
- v) Engineering Graphics
- vi) Basic mechanical Engineering.

PG

Advanced Refrigeration And Air-conditioning

iii) Projects guided at Postgraduate level.

Various Projects in the field of R&AC , Safety and Nano technology field.

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

iv) Other contribution(s)

Prepared Video Cassette for Engineering Practice for I year B.E.
Demonstration of Packaged AC in CSG to VI Semester Mechanical Students.

14. Details of Major R&D Projects Nil

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

15. Number of PhDs guided Nil

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)

- a) Participated in the “Train the Trainer program on TEAM BUILDING” Conducted by the ISTE and Canada India Institutional Cooperation Project (CIICP) at TTTI Chennai from 11th to 13th April’1996.
- b) Attended a AICTE-ISTE sponsored Summer School of **1 week** duration on “**Industry Institute Partnership**” organized by REC Trichy during the period 10-15th March’1997.
- c) Attended STTP of **2 weeks** duration sponsored by AICTE- ISTE on “ **Low polluting fuels for Automobiles** “ organized by Annamalai University during the period 10-21 June ‘ 2002.
- d) Attended STTP of **2 weeks** duration sponsored by AICTE- ISTE on “ **Sustainable industrial growth- A solution for cleaner environment** “ organized by NMAM Institute of Technology, Nitte, Karnataka during the period 19-31 August ‘2002.
- e) Attended STTP of **2 weeks** duration sponsored by AICTE- ISTE on “Recent trends in Modeling and Analysis of Manufacturing systems” organized by NIT Trichy during 16-27 December, 2002.
- f) Attended One day workshop on “**Advanced Refrigeration System**” on 9th Jan’ 2004 at IIT Madras.

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

- g) Attended one week ISTE sponsored STTP on “**Advances in Solar Energy Technologies**” at Institute of Technology, Nirma University, Ahmedabad in Dec’2006.
- h) Attended Short Term Training programme on “**Recent Trends in IC engine Testing and Analysis**” at NIT trichy during 2007.
- i) Attended ISTE workshop during 29th Nov-10th Dec 2011, on **HeatTransfer** conducted by IIT Mumbai at remote center in NIT Trichy.
- j) Attended ISTE workshop during 11th Dec- 21st Dec 2012, on **Engineering Thermodynamics** conducted by IIT Bombay. at remote center in NIT Trichy.

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

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

18. Invited Talks delivered Nil

Topic	Date	Inviting Organization

19. Membership of Learned Societies

Type of Membership (Ordinary Member/ Honorary Member / Life Member)	Organization	Membership No. with date
Life	Indian Society of Heating Refrigeration And Air-conditioning Engineers. (ISHRAE)	
Life	Indian society of Technical education (ISTE).	

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

20. Academic Foreign Visits

Country	Duration of Visit	Programme
Singapore	September 16-18 2011	Int.Conference on Manufacturing science and technology.

21. Publications

(A) Refereed Research Journals:

Author(s)	Title of Paper	Journal	Volume (No.)	Page number s	Year	Impact Factor of the Journal (Option al)
M. Shahul Hameed, S.P.Sivapirakasam, K.R.Balasubramanian, R.Nagalakshmi	Investigations on fume formation rate in shielded metal arc welding process using different electrodes	Advanced Materials Research	Vols. 383- 390	4672- 4677	2012	
S.Suresh, K.P.Venkatesh, M.Shahul Hameed, J.Sarangan	Turbulent heat transfer and pressure drop characteristics of dilute water based Al ₂ O ₃ -Cu hybrid nanofluids	Turbulent heat transfer and pressure drop characterist ics of dilute water based Al ₂ O ₃ -Cu hybrid nanofluids				

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

(B) Conferences/Workshops/Symposia Proceedings

Author(s)	Title of Abstract/ Paper	Title of the Proceedings	Page numbers	Conference Theme	Venue	Year

(C) Books & Monographs

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