

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

Courses

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

a. Course taught at the undergraduate level

i. Cloud Computing, Basics of Programming, Operating Systems, Cryptography, Network Principles and Protocols, Microprocessor Systems, Discrete Mathematics, Principles of Programming Languages, Computer Organization and Architecture.

(iii) Projects guided at Postgraduate level

a. Projects based on Cloud Security, Cloud Computing, Networking

(iv) Other contribution(s)

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

14. Details of Major R&D Projects

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

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
August 25-26, 2006	Faculty Development Program on Software Quality	National	Participant	Accenture and Anna University	Anna University
March 13-17, 2007	Short Term course on Recent Trends in Processor Architecture	National	Speaker for one session	Dept. of CSE, NITT	NITT
June 18-20, 2007	Workshop on GCC Internals	National	Participant	Dept of CSE, IITB	IITB
July 2-7, 2007	Short term Course on Program Optimization for Multicore Architectures	National	Participant	Dept. of CSE, IITK	IITK
August 11, 2007	IBM Technology Day	Local	Speaker for one session	Dept of CSE, NITT and IBM	NITT
August 17-18, 2007	Workshop on Overview of VLSI-CAD Tools	National	Participant	Dept. of CSE, NITT	NITT
July 7-12, 2008	Induction Training Programme on Instructional Design and Delivery	Local	Participant	NITTTR, Chennai	NITTTR
November 20, 2008	Workshop on Awareness Programme on	Local	Participant	TEQIP, NITT	NITT

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

	Intellectual Property Rights				
August 5-6, 2010	Workshop on Research Methods	National	Participant	NITT	NITT
January 28-30, 2011	Workshop on Grid and Cloud Computing	National	Participant	PSG College of Technology (PSGTech), Coimbatore	PSG Tech
November 5-December 4, 2011	Two-week ISTE Workshop on Software Development Techniques for Teachers of Engineering and Science Institutes	National	Participant	IITB under NMEICT	Periyar Maniammai University, Thanjavur
July 13-15, 2012	The fifth International Conference on Network Security and Applications	International	Paper Presenter	AIRCC	Chennai
May 3-6, 2012	Workshop on Distributed Systems-Research Challenges	National	Participant	PSG Tech, Coimbatore	PSG Tech, Coimbatore
June 25-July 4, 2012	Two-week ISTE Workshop on Introduction to Research Methodologies	National	Participant	IITB under NMEICT	NITT
August 8-10, 2012	INDO-US Workshop on Cloud Computing and Web Services	International	Participant	Coimbatore Institute of Technology, Coimbatore & Oklahoma State University, Stillwater, USA	Coimbatore Institute of Technology, Coimbatore
July 15-19, 2013	QIP Short Term Course on Intelligent Informatics	National	Participant	IITK	IITK
August 22-24, 2013	The 6 th ACM India Computing Convention	National	Paper Presenter	VIT, Vellore and ACM India Council	VIT, Vellore
October	FDP on Effective Teaching techniques	Local	Participant	Dept. of Management Studies, NITT	NITT
June 30-July 5, 2014	Two-week ISTE Workshop on Computer Networking	National	Participant	IITB under NMEICT	Sastra University
June 8-12, 2015	Workshop on Big Data Analytics: Tools and Techniques	National	Participant	NITT	NITT

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

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
Short Term course on Recent Trends in Processor Architecture	Local	March 13-17, 2007	Co-convenor	NITT

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
Life Member	ISTE	

20. Academic Foreign Visits

Country	Duration of Visit	Programme

21. Publications

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

(A) Refereed Research Journals:

Author(s)	Title of Paper	Journal	Volume (No.)	Page numbers	Year	Impact Factor of the Journal (Optional)
S Jaya Nirmala, Ahtesham Akhtar Patel, S. Mary Saira Bhanu	A Comparative Study on the Secret Sharing Algorithms for Secure Data in the Cloud	International Journal of Cloud Computing	2	63-71	2012	--
Jayadhivya S.K.,, S. Jaya Nirmala, S. Mary Saira Bhanu	Fault Tolerant Workflow Scheduling based on Replication and Resubmission of tasks in the Cloud	International Journal of Computer Science and Engineering	6	996-1006	2012	--
S. Jaya Nirmala. S. Mary Saira Bhanu	Catfish PSO based Scheduling of Scientific Workflows in IaaS Clouds	Journal of Computing, Springer	98	1091-1109	2016	0.872
S. Jaya Nirmala, N. Tajunnisha, S. Mary Saira Bhanu	Service Provisioning of Flexible Advance Reservation in the IaaS Cloud	International Journal of Big Data Intelligence, Inderscience	3	154-162	2016	--

**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
S Jaya Nirmala, Ahtesham Akhtar Patel, S. Mary Saira Bhanu	Security and Availability of data in the Cloud	The fifth International Conference on Network Security and Applications	255-261	Network Security	Chennai	2012
S. Jaya Nirmala, Maulik Shah, S. Mary Saira Bhanu	SLA Achievement by Negotiation the Cloud	Proceedings of the 6 th ACM India Computing Convention	Article No:18	Computing Trends	VIT, Vellore	2013
N. Tajunnisha, S. Jaya Nirmala, S. Mary Saira Bhanu	Service Provisioning Based on Advance Reservation and Deadline Sensitive Leases in the Cloud	Proceedings of the 2013 IEEE International Conference in Cloud Computing Emerging Markets	99-105	Emerging Cloud Computing Trends	Bangalore	2013

(C) Books & Monographs

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