

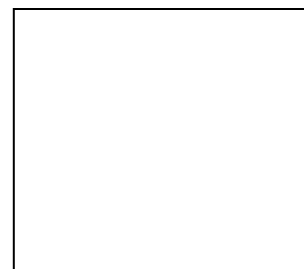
**National Institute of Technology, Tiruchirappalli:  
Performa for CV of Faculty/ Staff Members**

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**Curriculum Vitae**

**Please also see:**

**[www.nitt.edu/home/academics/departments/cse/faculty/kvi](http://www.nitt.edu/home/academics/departments/cse/faculty/kvi)**



1. Name: K.V.IYER
2. Designation: Professor/CS
3. Office Address: National Institute of Technology, Trichy - 620015
4. Telephone: 91-431-2503200
  
5. Email: KVI(AT)nitt.edu
6. Field(s) of Specialization:  
Algorithms, Database theory, Graph theory.

**7. Educational Qualifications**

	<b>Degree</b>	<b>Specialization</b>	<b>University</b>	<b>Class</b>	<b>Year of Passing</b>
UG	B.E.	Electronics and Communication	Indian Institute of Science, Bangalore	Distinction	1981
PG	M.Sc. (Engg.)	Computer Science	Indian Institute of Science, Bangalore	N/A	1984
Ph.D.	Ph.D.	Wiener Index of Graphs	National Institute of Technology Tiruchirappalli	N/A	2007
Post Doct.	Nil	N/A	N/A	N/A	N/A
Others	B.Sc. (Hons.)	Chemistry	St.Xavier's College/Calcutta University	First in college	1977

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8. Work Experience

SI.No	Name of the Organization	Position Held	Period
1.	Vikram Sarabhai Space Centre Trivandrum	Scientist/Engineer SC	1984-85
2.	Blue Star Pvt. Ltd. Bangalore	Software Engineer	1986
3.	Indian Institute of Science Bangalore	Scientific Officer	1987-88
4.	COSOFT/Bangalore, TRDDC/Pune, ITC Ltd./ Calcutta, RS Software, Calcutta	Software Developer	1988-92
5.	Regional Engineering College, Trichy – now National Institute of Technology, Trichy	Assistant Professor (and also as Head i/c), Professor (from 2008)	June 1992 – Till date

9. Academic/Administrative Responsibilities within the University

Position	Faculty/Department/Centre/Institution	From	To
<b>Head i/c (with short breaks)</b>	<b>CS &amp; E dept. RECT (NITT)</b>	<b>1992</b>	<b>2000</b>
<b>Committee member</b>	<b>Estate maintenance department</b>	<b>1995</b>	<b>1996</b>

10. Academic/Administrative Responsibilities outside the University: **Was co-ordinating and teaching during evenings, the BDU B.E. part-time program. Have conducted the National Standards Exam. of Computer Soc. of India for about 4 years from 1995.**

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Position	Institution	From	To

11. Awards, Associateships: Three times ACM/ICPC world finalist (coach for NITT team)

Year of Award	Name of the Award	Awarding Organization

12. Fellowships: Nil

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

13. Details of Academic Work:

- (i) Curriculum Development: Has done major revamp of B.E and M.E syllabus During the 1990.
- (ii) Courses taught at Postgraduate and Undergraduate levels: I have taught most of the important courses.
- (iii) Projects guided at Postgraduate level: Has guided over 35 student projects.
- (iv) Other contribution(s): Have given positive suggestions to the dean-academic. Also see the NITT web page: **(a) my paper published last year in Edu. Inform. Tech. (available from NITT) and (b) the NPC-Introductory pdf file – introducing intractability to graduate students of CS and Maths.**

14. Details of Major R&D Projects: Have done routine 3 projects worth about 25 lacs. Have partially done a **Microsoft funded project worth about US\$15000=00.**

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

15. Number of PhDs guided: **Two**

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

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16. Participation in Workshops/ Symposia/ Conferences/ Colloquia /Seminars/ Schools etc. (mentioning the role): Have participated in about 15 conferences/workshops. **Notable was the one at Inst. of Math. Sciences by Mike Fellows.**

Date (s)	Title of Activity	Level of Event (International/ National/ Local)	Role (Participant/ Speaker/ Chairperson, Paper presenter, Any other)	Event Organized by	Venue

17. Workshops/ Symposia/ Conferences/ Colloquia/Seminars Organized (as Chairman/ Organizing Secretary/ Convenor / Co-Convenor): Have conducted three workshops. **Have organized a 2 month fast paced course by R.Shantaram, U. of Michigan, USA and a lecture by Prof. M. Waldschmidt, France.**

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

18. Invited Talks delivered: Have been invited by many colleges.

Topic	Date	Inviting Organization

19. Membership of Learned Societies: Was an institutional member of Comp. Soc. of India

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

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20. Academic Foreign Visits: Have visited USA two times to attend Microsoft Faculty summit during 1999, 2000. Have **taught in Beijing Institute of Machinery, China** for one term in 2003 (leave on loss of pay).

Country	Duration of Visit	Programme

21. Publications: Please see the NITT web page.

(A) Refereed Research Journals:

Author(s)	Title of Paper	Journal	Volume (No.)	Page numbers	Year	Impact Factor of the Journal (Optional)

(B) Conferences/Workshops/Symposia Proceedings

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

(C) Books & Monographs: **Thesis - available from the web page and a book on Discrete Maths the draft of which is now in the web page.**

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