



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

	Pvt. Limited, Bangalore		
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### 8. Academic Qualifications (From Highest Degree to High School):

Examination	Board / University	Year	Division/ Grade	Subjects
PhD	IIT Roorkee	2016		Tunnel FET Device Simulation and modelling
M.Tech	MNIT Jaipur	2008	1st	VLSI Design
B.Tech.	Govt. Engg. College Ajmer/ Rajasthan University	2006	1st	Electronics and Communication Engineering
10+2	Board of secondary Education Rajasthan	2002	1st	Physics, Chemistry, Maths
10	Board of secondary Education Rajasthan	2000	1st	-

### 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.

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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)
2011 to 2014	MHRD Fellowship	IIT Roorkee	Jan. 2011	Aug. 2014
2006 to 2008	MHRD Fellowship	MNIT Jaipur	July 2006	June 2008

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

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/	Role (Participant/ Speaker/ Chairperson, Paper presenter, Any other)	Event Organized by	Venue

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		Local)			

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

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

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21. Publications

(A) Refereed Research Journals:

Author(s)	Title of Paper	Journal	Volume (No.)	Page numbers	Year	Impact Factor of the Journal (Optional)
3	Two dimensional analytical modeling for asymmetric 3T and 4T double gate tunnel FET in sub-threshold region: Potential and electric field	Microelectronics Journal	44	1251-1259	2013	1.231
3	Insights into channel potentials and electron quasi-Fermi potentials for DG tunnel FETs	Journal of Semiconductors	36	014005	2015	1.3
3	Super-threshold Semi Analytical channel potential model for DG Tunnel	Journal of Computational Electronics	14	566-573	2015	0.994

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(B) Conferences/Workshops/Symposia Proceedings

Author(s)	Title of Abstract/ Paper	Title of the Proceedings	Page numbers	Conference Theme	Venue	Year
3	A TCAD approach to evaluate channel electron density of double gate symmetric n-tunnel FET	India Conference (INDI-CON), 2012 Annual IEEE,	577-581	-	Kochi, India	2012

(C) Books & Monographs

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