



## Curriculum Vitae



**Dr. Ravinder Singh Mann**  
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### Objective

A professional association with an Organization where my commitment, skills and team spirit will be of value along with career growth potential.

### Certification

**ISTQB** (International Software Testing Qualification Board) **Certified Testing Engineer** (19 Oct-2008) with 80% of marks.

### Educational Qualification

- Ph.D in Computer Science & Engineering from State University, Rajasthan.
- M.Tech in C.S.E with 74.63% from Punjab Technical University, Jalandhar.
- B.Tech in C.S.E with 62.21% from Punjab Technical University, Jalandhar.

### Work Experience

**Total Teaching Experience: 10 years.**

1. Working as Associate Prof. and Head of Department (CSE) in Lyallpur Khalsa College of Engineering, Jalandhar since 01-Aug-2016.
2. Worked as Principal in Guru Nanak Institute of Engineering & Management (GNIEM), Naushehra, Hoshiarpur from Jun-2015 to Jul-2016 (14 months).
3. Worked as Assistant Professor and Head of Department (CSE) in Guru Nanak Institute of Engineering & Management (GNIEM), Naushehra, Hoshiarpur from Jan-2012 to Jun-2015.
4. Worked as Lecturer in GNIEM from Jul 2010 to Dec 2011.

### Research Experience

Ph.D thesis work “Design and Performance Evaluation of a Proactive Multipath Routing Protocol for Mobile Ad Hoc Networks”.

M.Tech Dissertation Work entitled “A Comparative Evaluation of Cryptographic Algorithms”.

### Research Publications

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### Paper Publications:

S. No	Title	Journal/Conference	ISSN/ISBN No.	National / International	Impact Factor	Website
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01	“A Comparative Evaluation of Cryptographic Algorithms”	Int. J. Computer Technology & Applications Volume 3, Issue 5, September 2012	ISSN: 2229-6093	International		<a href="http://www.ijcta.com">www.ijcta.com</a>
02	“AES, RSA & ECDSA- Simulation based Comparative Analysis of Cryptography Algorithms”	CIIT International Journal of Wireless Communication	ISSN: 0974-9640	International	.572	<a href="http://www.ciitresearch.com">www.ciitresearch.com</a>
03	“Agile Model ( A Software Development Life Cycle)”	Impact Of Management And Technological Advancements In Technical Education And Industrial Sector		National Conference Held On 18,19 February 2011 at JSSIET, Kauli , Patiala		
04	Performance Evaluation of Linear and Non Linear Filtering Approach	International Journal of Science Technology & Management	ISSN:2229-6646	International		<a href="http://www.ijstm.co.in">www.ijstm.co.in</a>
05	Fuzzy Logic and Artificial Neural Network based Hybrid Technique for image Enhancement	International Journal of Science Technology & Management	ISSN:2229-6646	International		<a href="http://www.ijstm.co.in">www.ijstm.co.in</a>
06	Manet Using Cross-Layer Multicast Framework	International Journal of Science Technology & Management	ISSN:2321-774X	International		<a href="http://www.avjournals.com">www.avjournals.com</a>
07	Mobile Adhoc Networks Using Multicasting Techniques	International Journal of Science Technology & Management	ISSN:2321-774X	International		<a href="http://www.avjournals.com">www.avjournals.com</a>

### Book Publications:

S. No	Title	Book Title Editor & Publisher	ISSN/ISBN No.
01	“Evaluation Of Proactive Multipath Routing Protocols for MANETS”	LAP LAMBERT Academic Publishing AV AKademikerverlag GmbH & Co. Kg Heinrich-Bocking-Str. 6-8, 66121 Saarbrücken , Deutschland / Germany Email: <a href="mailto:info@lap-publishing.com">info@lap-publishing.com</a>	ISBN: 978-3-659-92967-0
02	“A Comparative Evaluation of Cryptographic Algorithms”	LAP LAMBERT Academic Publishing AV AKademikerverlag GmbH & Co. Kg Heinrich-Bocking-Str. 6-8, 66121 Saarbrücken , Deutschland / Germany Email: <a href="mailto:info@lap-publishing.com">info@lap-publishing.com</a>	ISBN: 978-3-659-25279-2
03	“An Efficient Lossless Medical	LAP LAMBERT Academic Publishing AV AKademikerverlag GmbH & Co. Kg	ISBN: 978-3-659-19027-8

	Image Compression”	Heinrich-Bocking - Str. 6-8, 66121 Saarbrücken , Deutschland / Germany Email: <a href="mailto:info@lap-publishing.com">info@lap-publishing.com</a>	
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### Courses / workshops Attended-04

1. Attended one day workshop on NBA accreditation held at NITTTR on 21/01/2017.
2. Attended FDP on “Computing And Communication Engineering” Held At Chandigarh Engineering College, Landran, Mohali (Pb.) From 06-07-2015 To 10-07-2015.
3. Attended a workshop on “VOIP Communication (Voice over Internet Protocol)” at Chandigarh Engineering College, Landran, Mohali on 5-6 June, 2013.
4. Attended a workshop on “Computer Hardware & Networking ”at Chandigarh Engineering College, Landran, Mohali on 4 December, 2013.
5. Participated a workshop on “Cyber Security & Ethical Hacking” at Beant College of Engineering on 27-29 December, 2013.

### STRENGTHS

- A quick decision maker.
- A good Carrier Counselor/adviser for the admission.
- Worked as a Flying squad, Controller of Examination, Superintendent, Coordinator Printing Cell, in various Punjab Technical University external theory examinations.
- As Head of department, I Handle the distribution of teaching loads in faculty and prepare the time table of Department.
- As Principal, optimized the use of teaching, non teaching staff, admission team as well as teaching aids.

### Achievements

- Best Results in the Institute and department.
- Giving 100% individual result.

### Personal Details

**Father’s Name** : Dr. Swinder Singh  
**Date of birth** : 15/March/1982  
**Sex** : Male  
**Marital Status** : Married  
**Spouse** : Gurinder Kaur Mann (MA English , Ph.D English pursuing)  
**Languages Known** : English, Hindi and Punjabi

### References:

Dr. R.K.Garg  
 Prof. ME  
 NIT Jalandhar  
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 Prof.&Head (App.Sci)  
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I vouch the authenticity of the above mentioned facts.

**(Dr. Ravinder Singh Mann)**