

# Mandeep Kaur



## M. TECH.

INFORMATION AND  
COMMUNICATION  
TECHNOLOGY  
(1<sup>ST</sup> DIVISION)

PUNJABI UNIVERSITY,  
PATIALA



SGGSWU, FATEHGARH SAHIB

**Mob:** +91-98768-06343

**Email:**  
mandeepkaur.dhot@gmail.com

## OBJECTIVE

To work as a key player in a challenging and innovative environment of an Organization with integrated profiles which will help me to explore and realize my Engineering potential.

To contribute through my inquisitiveness to Research, by leveraging my Strong Academic background and Research Experience.

## PROFESSIONAL & RESEARCH EXPERIENCE (3 YEARS 4 MONTHS)

### CORPORATE JOB

#### **LANSTEC INDIA**

Working as Associate – Technical Sales/Project Management (1 Year)

### RESEARCH PROJECTS

#### **NIIT Enterprise Learning Solutions, Chandigarh**

##### Title

In depth Analysis of Asp.net and its implementation in Price Bidding Analysis

1<sup>st</sup> June – 31<sup>st</sup>  
July, 2009

(2 MONTHS)

##### Nature of the work

- ✚ Academic & Administrative understanding of asp.net
- ✚ Steps intended to allow an owner to arrive at a price in an orderly fashion in determining which compliant bid gives it the best value.
- ✚ To create such a framework through presentation layer, data layer and data source layer in which the price bidding analysis becomes cost effective

##### Technology Used

C#, ASP.NET (Front end), SQL Server (Back end)

#### **Society for Promotion of IT**

**Under Department of IT, Chandigarh Administration**

##### Title

Critical Analysis of Asp.net and its implementation in Website Creation

1<sup>st</sup> January -  
30<sup>th</sup> June 2011

(6 MONTHS)

##### Nature of the work

- ✚ Learned the basics of creation of a website
- ✚ Created the model website for Chandigarh Municipal Corporation
- ✚ Included various critical aspects such as:
  - Tabs involvement
  - User friendliness,
  - Easy loading
  - Run through ease
  - Tab compatibility, etc.

##### Technology Used

✚ C#, ASP.NET (Front end), SQL Server (Back end)

# Mandeep Kaur

## AREA OF INTEREST

1. Networking
2. Data Structure
3. Digital Image Processing
4. Database Management Systems

## PERSONAL PROFILE

**Date of Birth:** 15<sup>th</sup> Feb, 1988  
**Gender:** Female  
**Marital Status:** Single



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## M TECH

### **Punjabi University, Patiala**

#### **Title**

Security Aspects of WiMAX at Physical Layer

#### **Nature of the work**

- ✚ Research work in Computer Networks
- ✚ To study the WiMAX and threats on physical layer of WiMAX.
- ✚ To implement the services provided in Opnet to remove these physical layer threats.
- ✚ Analysis the results in the presence of threats.
- ✚ Analysis the results in the absence of threats.

#### **Technology Used**

- ✚ SIMULATOR: OPNET Modeler Suite

**M. Tech.  
(Research &  
Development)**

July 2011 to June  
2013

**(2 YEARS)**

## ACADEMIC QUALIFICATIONS

### **Punjabi University, Patiala**

### **M. Tech.**

M. Tech. (Information and Communication Tech.)

DCS, Punjabi University, Patiala

**Topic:** Security Aspects of WiMAX at Physical Layer

69 % (Ist Division)

2011-13

### **MIMIT, Malout**

### **B. Tech. (Computer Science)**

72 % (Ist Division)

2007-2011

### **Punjab School Education Board, Mohali**

+ 2

62 % (Ist Division)

2007

### **Punjab School Education Board, Mohali**

10<sup>th</sup>

72 % (Ist Division)

2005

## RESEARCH PAPERS PUBLISHED

| Sr. No. | Year of Publication                | Title of Paper                                    | Name of the Journal / Book  | Name of the Publisher                           |
|---------|------------------------------------|---|---|---|
| 1       | 2014<br>(Selected for Publication) | Scenario used for Security Layer mapping in WiMax | International Journal of Business Analytics and Intelligence<br>ISSN 2321-1857                                | Publishing India Group                          |
| 2       | 2014<br>(Paper in process)         | Physical Layer Security in WiMax                  | International Journal of Information Technology and Systems<br>ISSN 2277-9825 &<br><b>Impact Factor 0.412</b> | Global Technocrats & Intellectual's Association |

## INTERESTS

- Meeting New People with different skills sets and interests
- Produce useful & reliable results through my inquisitiveness towards Research
- Playing Online Games
- Internet Surfing
- Guiding the people in need



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## LIVE PROJECTS UNDERTAKEN

| Sr. No. | Title of Project  | Year of Completion | Supervisor                                     |
|---------|---|--------------------|--|
| 1       | Development of Library Management System                    | 2009               | Dr. Gulshan, Assistant Professor, MIMIT Malout |
| 2       | Hospital Management System – A project of forms development | 2010               | Dr. Gulshan, Assistant Professor, MIMIT Malout |

## POSITIONS HELD

- ✚ Member – **FOLK INSTRUMENTS playing team at Punjabi University, Patiala**
- ✚ Coordinator Cultural (Dance) Committee at School and College Level owing to my hobby in Dance
- ✚ Coordinator – Discipline Committee at College Level wherein I contributed in overall discipline incharge during various competitions and fests
- ✚ Coordinator – Library and Research for the class
- ✚ Incharge – Art and Craft Club at School Level
- ✚ Class Captain – at Secondary and Senior Secondary Education Level (various classes)

## MEMBERSHIP OF PROFESSIONAL BODIES / SOCIETIES

- ✚ Member of Alumni Association of DCS, Punjabi University, Patiala
- ✚ Member of **Special Interest Group (Computer Science) at Michigan Association for Computer Users in Learning**
- ✚ Member of **Special Interest Group (Online Learning and Webmasters) at Michigan Association for Computer Users in Learning**
- ✚ Member of **Alliance Publishing Trust (a publisher of Alliance Magazine) based at United Kingdom**

## EVENTS / PROGRAMMES ORGANIZED

| Name of the Event  | Role in the Event      |
|--|------------------------|
| <b>International Conference on “Advances in Management and Technology (iCAMT - 2013)” held at Dept of Computer science, PU Patiala</b> | Organizing Team Member |
| Annual Fresher Party at Graduation and Post Grad level.  | Organizing Team Member |
| <b>Annual Fest ‘EKLEGO’ at MIMIT, Malout</b>   | Organizing Team Member |
| <b>Annual Function at School Education Level</b>   | Organizing Team Member |

## DEVELOPMENT PROGRAMS ATTENDED

- ✚ Attended **SSB**, Batch No. D-AFCAT (W) 27 starting on 14 Nov 2012.
- ✚ Attended FDP organized by NITTTR Chandigarh at MIMIT Malout.
- ✚ Participated in World Anti Drug Day organized by Bathinda Brotherhood Club

# Mandeep Kaur

## STRENGTHS

1. Comprehensive problem solving & Analytical Skills
2. Keen Learner
3. Multi-tasking
4. Persuasive
5. Team facilitator

## WEAKNESSES

1. Workaholic

## OPPORTUNITIES

1. Opportunity to grab research opportunity at workplace
2. Provide Logical and Creative at the workplace
3. Ability to manage a team with Interpersonal skills & optimistic nature
4. Dedicated and Success Oriented nature



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## RESEARCH GUIDANCE

| Sr. No. | Details                   | No. of Students |
|---------|---------------------------|-----------------|
| 1       | M. Tech Students Guidance | 4               |

## COMPUTER LITERACY

- ✚ Thorough knowledge about MS office – Word, Excel, Power Point presentations for large classes
- ✚ **Languages -** C++
- ✚ **Database -** Oracle, SQL
- ✚ **Operating Systems -** Windows XP

## RESEARCH INTERESTS

- ✚ Networking, Data Structure, Digital Image Processing, Database Management Systems, Operating System, OOPS, Art and Craft, Designing wallpapers

## VOLUNTARY GUEST LECTURES DELIVERED

| Course Taught | Year / Semester      | Subject                  |
|---------------|----------------------|--------------------------|
| B. Tech.      | 3 <sup>rd</sup> Year | Data Structure           |
| B. Tech.      | 3 <sup>rd</sup> Year | Digital Image Processing |

## PERSONAL DETAILS

**Father's Name:** S. Inder Singh

**Date of Birth:** 15<sup>th</sup> February, 1990

**Gender:** Female

**Marital Status:** Single

**Nationality:** Indian

**Languages Known:** English, Hindi, Punjabi

**Address:** VPO Chanan khera, Tehsil Abohar, Distt. Fazilka,  
Pin Code 152117, Punjab

**Contact:** +91- 98768-06343

**E-mail:** mandeepkaur.dhot@gmail.com

## DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge.

**Dated:**

**Mandeep Kaur**

## REFERENCES

- ✚ Mr. Onkar Singh Sidhu, Assistant Professor, University College of Engineering, Punjabi University, Patiala +91-98887-00086 **E mail:** onkar.sidhu@yahoo.co.in
- ✚ Mr. Vishant Kumar Kataria, Analyst Development, Sun Life Financial, Gurgaon +91-99994-17766 **E mail:** vishant.engineer@gmail.com
- ✚ Mr. Charanjit Kamboj, Managing Director, Lanstec India, SCO 19, Leela Bhawan, Patiala (Punjab) +919815030701, 0175-5005365 **E mail:** lanstec@gmail.com