

Dear Sir/Madam,

I am Sandeep Pal. I have been admitted to the Graduate Program in **Computer Science** at **Rochester Institute of Technology**. I am writing to you to apply for **Graduate Assistantship** opportunities at RIT. Presently, I am working with **Samsung India Electronics Limited, Software Engineering Lab.** as an Engineer in **Research and Development** department since July 2012.

I have good technical as well as leadership skills which I acquired throughout my academic and professional career. I possess good communication skills and I maintain good rapport with my colleagues. I am very proactive in taking responsibilities and I have displayed good leadership qualities whenever I got an opportunity. I have gained significant experience to provide guidance and assistance to my team members during the course of my career. I prefer smart work over sheer hard work and at the same time I have always handled my job responsibilities with sincerity & honesty. I have always performed my duties efficiently within the scheduled time. I am pro-efficient in providing satisfactory deliverables within the scheduled time even under tremendous job pressure.

Taking in consideration my competency and sincerity towards work till date, I strongly believe that I am a deserving candidate for this position.

I am looking forward to your response and discussion further about this position.

Thank you very much.

Sincerely,

Sandeep Pal
Engineer
Samsung India Electronics Limited | Software Engineer Lab. | India
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My Personal Details are:

First Name: Sandeep

Last Name: Pal

Date of Birth: 03/OCT/1991

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Sandeep Pal

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OBJECTIVE

To apply for Graduate Assistantship.

EDUCATION

Bachelors in Technology majoring in Computer Science & Engineering

Aug 2008-Jun 2012

Dr. B. R. Ambedkar National Institute of Technology-Jalandhar

Overall GPA: 7.93/10, GPA in Senior-Junior years: 8.24/10

Graduate Record Examination

Sep-2012

312/340(166/170 in Quant and 146/170 in Verbal)

Senior Secondary Examination

Apr 2006-Jul 2008

Punjab School Education Board

Core Subjects- Mathematics, Physics and Chemistry

Overall Percentage: 72/100

TRAINING PROGRAMMES

- Undergone 2 months **Industrial Training** in May-July 2011 at NIT-Jalandhar campus under **Aranya Consulting Pvt. Ltd.**
- Undergone **Industrial Workshop training** in June 2008 at NIT Jalandhar.

EMPLOYEMENT

Samsung India Electronics Limited (Software Engineering Lab.)

Jul 2012 to Present

Engineer, Research and Development department of mobile software solutions

- Working with **Systems and Solutions** team and handling SIM Driver.
- Gained knowledge on 3GPP specs, debugging with trace 32, memory dump analysis, Real Time Kernel, Arm Architecture, timer management, interrupts, semaphores and memory management.
- Given 6 patent ideas out of which 2 are highly appreciated.

PROJECTS

1. Java Web Browser

I made a Browser which is platform independent, consumes less energy, provides unique username/password pair to each user and is portable application.

Guide: Prof Geeta Sikka NITJ

2. Online Retail Management Application (ORMAP)

This is a cloud application which tracks inventory at various stages (in transit, warehouse, showroom), track sales data, plan replenish orders, analyze business data and provides Integrated Payment Solutions.

Guide: Mr.Manish Kumar, Director-Aranya Consulting Pvt. Ltd.

3. Compiler Design

Made four phases of compiler comprising of lexical analyzer, syntax analyzer, semantic analyzer and intermediate code generator.

Guide: Prof Rajneesh Rani NITJ

4. Made a Text Editor having enhanced features in C++.
5. Made a project-Airline Reservation System using Java and Sql.
6. Made a project to manage Bank Accounts and Transactions using Java and Sql.

COMPUTER SKILLS

- **Computer Languages Skills** - C, C++, C# and JAVA.
- **Others:** HTML, ASP.NET, VB.NET and JavaScript.
- **Operating Systems** – Microsoft Windows & Linux
- **Database** – Microsoft SQL Server 2005, MySQL and Oracle
- **Software:** Microsoft Visual Studio, Microsoft Office and Netbeans.

COMMUNITY SERVICES

April 2006 to March 2008

Served in **National Cadet Corps** as a Cadet in **11 Punjab Battalion** and participated in activities such as female feticide awareness rallies, cycle rallies against increasing drug consumption in Punjab, tree plantation against global warming, blood donation camps and promoting clean & garbage free living.

EXTRA CURRICULUM ACTIVITIES

- Player of college cricket team as captain of the team.
- Player of college badminton team.
- Organized knowledge sharing sessions on latest technologies.

MERITS AND AWARDS

- Secured rank in **top 1%** out of 1 million candidates in **All India Engineering Entrance Exam**.
- **Ranked 3rd** throughout the Punjab State in **matric examination** and received **100% fee waiver** for the classes of 2006-2008.
- Received Scholarship from **Punjab School Education Board** for state merit in **matric examination**.
- Awarded **"B" Certificate** in **National Cadet Corps** with **grade 'A'**.
- Best cricketer award at **Dr. B. R. Ambedkar National Institute of Technology**, Jalandhar in 2010.

PERSONAL ATTRIBUTES

- Team player with strong leadership skills.
- Keen learner with ability to learn and imbibe new knowledge with ease.
- Good multitasking skills and analytic skills to solve the problem efficiently.
- Good presentation skills.