

# KANIK SEM

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## **OBJECTIVE:**

Seeking an Assistantship or on-campus job to work up to the best of my potential so as to contribute to maximum of my abilities which further the growth of the department I am associated with

## **EDUCATION:**

**School Education:** Saint Joseph's High School, Chandigarh with 89.7%.

**Class XII:** DAV College, Chandigarh with 72.2%.

**Bachelor of Engineering:** Computer Science & Engineering Deptt, University Institute of Engineering & Technology (UIET), Panjab University, Chandigarh with 62.12%.

**GRE: 1230** (AWA-4.0)

**TOEFL (CBT): 263** (AWA-5.0)

## **RESEARCH, PUBLICATIONS & PROJECT(S) UNDERTAKEN:**

- Published a paper, “**A Particle Swarm Optimization Solution to NO<sub>2</sub> and SO<sub>2</sub> emissions for environmentally constrained economic dispatch problem**” in **2006 IEEE PES Transmission and Distribution Conference and Exposition – Latin America held in Caracas, Venezuela**. Abstract and the full paper are available at <http://www.ieee.org/ve/eventos/commence/>. Details of this conference are available at [www.ieee.org/ve/eventos/td2006/docs/sessions.pdf](http://www.ieee.org/ve/eventos/td2006/docs/sessions.pdf).
- Presented a paper on **Multi Criteria Network Design using Genetic Algorithm**.
- Presented a paper on **ETL Tool, Changed Data Capture Technology**.
- **Regional Coordinator** of National Conference on Emerging Technologies and Applications held by Saurashtra University in Rajkot, INDIA.
- Undertaken a course in Computer Networking (**CISCO CERTIFIED NETWORK ASSOCIATE (CCNA)**).
- Underwent training program offered by **INFOSYS, “INFOSYS FOUNDATION PROGRAM”** under the campus connect foundation scheme. Cleared nine modules and successfully completed the training.
- Project in C++, “**Virtual Electronic Diary**”.
- Project in JAVA, “**Customer Management System**”.
- Presented a seminar on “**Data Warehousing & ETL Tools**” as a part of the curriculum.

### **COMPUTER SKILLS:**

Fundamentals of Information Technology, Computer programming through C & C++, JAVA, SQL, Object Oriented Programming & C++, Computer Graphics, Computer Architecture & Organization, Principles of Programming Languages, Operating Systems, Software Engineering, Artificial Intelligence, Data Structures, Analysis & Design of Algorithms, Compiler Design, Multimedia & its Applications, Digital Image Processing, System Software, Computer Communications & Networking, Network Technologies.

### **EXTRA CURRICULAR ACTIVITIES:**

- Student Member of IEEE.
- Member of Power-India family in connection with the 2006 Power India Conference held in New Delhi, India on April 10-12, 2006.
- Project Manager of Modern Village Project organized Rotaract Club, Chandigarh and active member of marketing team for the Heartline Concert organized by Rotary and Rotaract Clubs, Chandigarh, INDIA.
- Member of AIESEC, INDIA.

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