

SAHIL KASHYAP

Department of Mechanical and Mechatronics Engineering
University of Waterloo, 200 University Avenue West
Waterloo, ON, Canada. N2L3G1
Phone: +1-226-339-0051
Email: s5kashyap@uwaterloo.ca
sahilkashyap18@gmail.com

EDUCATIONAL QUALIFICATIONS:

B.E. (Mechanical Engineering)

2009 - 2013

Thapar University, India.

CGPA – 9.76/10

Percentage: 97.6 %

Semester	I.	II.	III.	IV.	V.	VI.	VII.	VIII.
SGPA (on a Scale of 10)	10	10	9.75	9.70	10	10	9.68	9.04
CGPA (on a Scale of 10)	10	10	9.91	9.85	9.88	9.90	9.86	9.76

Class 12

2009

Ajit Karam Singh International Public School, Chandigarh – AISSCE (CBSE)

Stream – Non-Medical (Physics, Chemistry, Mathematics)

Score – 93.6 %

Class 10

2007

Ajit Karam Singh International Public School, Chandigarh – AISSE (CBSE)

Score – 92 %

*CGPA-Cumulative Grade point Average
AISSE-All India Secondary School Examination*

*AISSCE-All India Senior School Certificate Examination
CBSE-Central Board of Secondary Education*

SCHOLASTIC ACHIEVEMENTS:

- Recipient of the **Graduate Research Studentship** and the **Hira and Kamal Ahuja International Graduate Scholarship** for MASc at University of Waterloo.
- Secured **First Position** in **Thapar University** in the year 2009-10.
- Secured **First Position** in **Mechanical Engineering** in the year 2011-12.
- Received **Gold medal** and **full tuition fee waiver** in the year 2009-10 and 2011-12 on the basis of academic merit.
- Secured **First Position** in **Class 12th AISSCE (CBSE)** Examination in School in 2009.
- Awarded **full tuition fee waiver** in **Class 11th** on the basis of Class 10th performance.
- Won **First prize** in Tetrix Auto Quotient- an event at annual technical fest of Thapar University.

SKILLS:

- Excellent leadership and interactive skills.
- Excellent presentation and documentation skills.
- **Languages:** Proficient in English, Hindi and Punjabi.
- **Computer Skills:** MS office, CATIA, Pro- Engineer Wildfire, DWG editor, C programming

ENGINEERING PROJECTS AND TRAININGS:

Reverse Engineering of Transmission system of Eicher Tractor – 5660 Jan-June 2013

Industrial internship at Tata Motors Limited, Lucknow, India Jan- June 2012
(Production Engineering Design Department)

Two major Projects were undertaken:

- **To establish and streamline the production of LCV's(Light Commercial Vehicles) 909 and 407 at IBF (Integral Bus Factory) assembly line**
- **Reverse Engineering and validation of a welding fixture at BIW (Body in White) Paint Shop with value addition**
- By far, the most important practical experience leading to in-depth learning of :
 - Technical aspects covering designing and fabrication of facilities
 - Project handling, Cost & Time Management

Integrated Single Slope Solar Still with Solar Water Heater June-July 2011

This Project aimed at designing and fabrication of a solar still which served a vital function of purification of contaminated water to high levels for drinking safe and clean water. This Project was executed completely by a team of six members led by me in a span of one month. This finds its application mainly in rural areas and during epidemics like floods etc.

- A highly enriching experience of leading the team to complete the project within the stipulated time period, through high standards of teamwork.

Summer Training June 2011

Six weeks summer training at Central workshop, Thapar University covering various shops – Machining, Sheet metal, Carpentry, Welding, Foundry etc.

- This training aimed at imparting in-depth and practical knowledge regarding various modules of manufacturing.

POSITIONS OF RESPONSIBILITY:

- **Coordinator** of Society of Mechanical and Industrial Engineers (SOMIE) 2009-2012
 - Organized various events, workshops, quizzes in the university.
 - Management of the funds allocated to the Society.
- **Head of Organizing Committee** of Land-Rover- A Robotics event at Aranya'2011.
 - Managed around 20 teams from more than 15 colleges from all over India
 - Planned and coordinated the daily activities of the whole team.
- **Patrol leader** at Bharat Scouts and Guides Camp, Chandigarh. October 2006
 - Underwent various trainings and attended scout camps so as to become proficient enough to serve the society.
 - Led the group through various tasks during the camp.
 - Managed the daily activities of the patrol.
- **Executive Member** of Publicity Committee of Aranya'2009 (annual technical fest) and Saturnalia'2010(annual cultural fest).

OTHER INFORMATION:

- I am an **avid traveler** and have been to various holiday tours with my friends and family. I like to explore new places and meet new people.
- I love to indulge in various **sports** like Cricket, Badminton, Lawn Tennis etc.