



## Anuj Gupta

M: +91-8826415102  
E: gupta1992anuj@yahoo.in

A: 2696/198, Tri Nagar,  
Delhi – 110035, India

### Statement of Purpose

To achieve high carrier growth through a continuous learning process and keep myself dynamic, visionary and competitive with the changing scenario of the world and be a learner and the best performer in an organization. So that I can perform with my best knowledge for the excellence of institution and students.

### Experience

#### Assistant Professor

G. L. Bajaj Institute of Technology and Management

- **Project Coordinator –Design Center for Excellence**
- Research Project Management, Job Role: Academics & Student Project Management
- Subjects Taught: Machine Drawing, Refrigeration & Air Conditioning, Power Plant

### Strengths/Special Interest

- Heat and Mass Transfer
- Designing and Simulation
- Computational Fluid Dynamics
- Solar Equipment and Technology
- Refrigeration and Air Conditioning

### Academic Details

Educational Degree	Institute/School Name	University/Board
Integrated B.Tech + M.Tech, 2015  B.Tech – Mechanical M.Tech – Thermal	School of Engineering	Gautam Buddha University, Greater Noida
Senior School Certificate Examination, 2010	Maharaja Agarsain Public School	CBSE
Secondary School Examination, 2008	Mata Shiv Devi Public School	CBSE

### Technical skills

- Designing tools: **Solid Works, Autodesk Inventor, AutoCAD**
- Simulation Tool: **ANSYS**

## Training

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### **Bombardier Transportation India Ltd.** (1 June, 2013 — 15 July, 2013)

Intern: Here, I was placed in Product Introduction (PI) Department and worked on the given topic as "Train Layout and Functioning". I had performed various tasks related to servicing of Delhi Metro buggies in various parts. I had performed a differentiation between the loco HVAC with Indian Railways.

### **Fedder Lloyd Corporation Ltd.** (10 December, 2012 — 31 December, 2012)

Intern: I had this internship as winter internship at Noida, for achieving basic concepts and their applications in industries and relating our study structure with running technology in industries. I learnt about the concepts of air conditioning, compressors and their manufacturing techniques. The duration in which I was performing my internship, industry was manufacturing HVAC systems for Locomotives where I learnt about the concepts of designing HVAC in Indian Railway.

## Projects

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1. **M.Tech Thesis: Designing of Green Building with study of Building Aerodynamics, Air-Conditioning System and Ventilation System.**
2. Study of Steady Natural Convection with Laminar Flow in the Closed Enclosures of Different Shapes for different values of aspect ratios and Grashof Number.
3. Integration of automobile air conditioning system and engine cooling system.
4. Alternative to Conventional System of District HVAC System – Radiant Cooling System.
5. Study on project Space Elevator as an alternative of Rocket Launches.
6. Identifying Disasters for buildings lying in the river-bed region and their precautions.
7. Automatic Light controlled system for illuminating street lighting system
8. Design of Reciprocating Air Pump

## Publications in International Conferences

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1. Anuj Gupta, Manish Nair, Ankit Verma, H. C. Thakur, Study of natural convection effecting with the change in Grashof Number and Aspect Ratio in differently shaped enclosures, 17th ISME Conference on Advances in Mechanical Engineering, IIT Delhi, 2015, ISME-T36
2. Anuj Gupta, Ankit Verma and Brajesh Tripathi, Designing an integrated system of IC engine cooling system and air conditioning system, Cutting Edge Technological Challenges in Mechanical Engineering, 2015, pp 3. (ISSN : 2229-5828)
3. Anuj Gupta and Brajesh Tripathi, Study of building aerodynamics for designing natural ventilation, Cutting Edge Technological Challenges in Mechanical Engineering, 2015, pp 14. (ISSN : 2229-5828)

### **Seminars attended**

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1. Attended 4th AICTE-CII University Industry Congress, organized by AICTE, CII and MHRD
2. Attended a seminar on “From Jugaad to Innovation”, by Rishiksha, Director IIM, Indore.
3. Attended a seminar on ‘Renewable Energy and Its Importance’ given by Dr. P.C. Pant, Director, Ministry of New and Renewable Energy, Govt. of India, New Delhi.
4. Attended a seminar on Entrepreneurship in Small-Scale Industries organized by NSIC, Aligarh.
5. Attended a seminar on Nano Materials given by IIT-Delhi Faculty, Dr. R.K. Pandey

### **Certification**

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1. National Technology Awareness Campaign 2014 (by IIT-BHU, SGT, CIS, Wikipedia and Metawing).
2. Training Program by NSIC of Conventional and CNC machines.
3. AUTODESK Student Expert Program 2011.

### **Academic Achievements**

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1. Second position in “PASSION FOR INNOVATION” competition organized by CII, ACME and SIAM in Auto Expo 2014 Component Show, New Delhi.
2. SAE-NIS EFFI CYCLE 2013 as Team Captain (Dynamic Round), Ranked 36 all over India (out of 217 teams).
3. State level Participation in science model competition organized by Directorate of Education System, Delhi (2010)

### **Extra-Curricular Activities and Achievements**

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1. First prize in “Hindi Skit Competition” (2013 and 2014)
2. Second prize in “On-The Spot Acting Competition” (2013)
3. National level in literacy (Creative Writing) (organized by Aligarh Muslim University – Clava Fiest) (2012)
4. 3rd position in 4 X 400 relay in university sports festival (2011)
5. College Ambassador of “National Technology Awareness Campaign 2014” - Northern Section (organized by IIT-BHU in association with Wikipedia, SGT-International, CIS-India and Metawing)
6. Organized Cultural Fest as “Logistics and Infrastructure Head” and participated in cultural fest in 2013, 2014
7. Event Manager of “National Go Kart Championship 2013” – Virtual round (Northern Region)
8. Member of the SAE INDIA GBU COLLEGIATE CLUB (as Program Chair) (2013)
9. Organized as “Logistics and Infrastructure Head” and participated in technical fest 2012
10. Associated with GBU Dramatics Club (also worked with SEHER, JNU) (2012)
11. Performed Mook Nayak Play (Biography of Dr.B.R.Ambedkar) at Jawaharlal Nehru University (2012)
12. Performed Shaheed-e-Azam: Bhagat Singh Play in the University Fest (2011)

## Personal Data

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Father's Name : Naveen Kumar Gupta

Date of Birth : 31<sup>st</sup> Aug. 1992

Gender : Male

Nationality : Indian

Religion : Hindu

Marital Status : Unmarried

Languages Known: English, Hindi.

## Declaration

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I hereby declare that the information given above is true in every respect to the best of my knowledge and I bear the responsibility for the correctness of above mentioned particulars.

**Place:** Delhi, India

**Date:** April 15, 2016



**Anuj Gupta**