

**GAURAV KUMAR MISHRA**

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Career Objective:

Seeking a position to grow in an organization by turning potential into performance and delivering the best of my ability, to contribute value to the growth and operations of the company.

Academics:

Exam	Year	College & Board	Main Subjects	Marks%	Remarks
M. Tech	2015-17	Madan Mohan Malaviya University of Technology, Gorakhpur	Energy Technology & Management (Mechanical Engineering)	CGPA 8.48	Pass with Honours
GATE	2015	Conducted by Indian Institute of Technology	Mechanical Engineering	91.5 percentile	Passed
B. Tech	2010-14	Anand Engineering College Agra	Mechanical Engineering	70.1	1 ST Division
12 th	2009	SSM Sr. Sec. School Gorakhpur	Physics, Chemistry & Mathematics	65.6	1 ST Division
10 th	2007	SSM Sr. Sec. School Gorakhpur	Math, Science & English	79.0	1 ST Division

Key Skills

- ❖ Energy Technology & Management
- ❖ HVAC, Refrigeration & Air-Conditioning
- ❖ Thermal Engineering, Heat transfer & Conservation
- ❖ Solar & renewable Energy
- ❖ Mechanical Engineering

Work Experience: Total 3.5 Years**A) Swastik Enterprises-Haridwar, Uttarakhand**

- Worked as an Executive Engineer with M/s Swastik Enterprises
- Responsible for day to day monitoring of manufacturing progress as per schedule and reporting to the management, review of design & approval and Inspection of materials for quality assurance.

Project Work:**AA) Experimental Investigation of Desiccant Based Evaporative Cooling System with Silica Gel.**

The broad objective of this work is to experimentally investigate the desiccant based evaporative cooling system with Silica Gel on air washer and calculation of various performance parameters-

- Moisture removal
- Moisture removal capacity
- Temperature difference between inlet and outlet air

Scope and Industrial Application: Desiccant Dehumidifier has a very wide and varied scope. Almost any enterprise, whether they are: manufacturing, warehouses, shopping complexes, entertainment and so on.

I. Storage : Refrigerating chambers and cool warehouses, storage of grains, Shipbuilding, Energy equipment, Fertilizers, storage and preservation of defense technology and equipment, Ventilation and conditioning, storage of furs and fur goods, Garages and parking, Museums and archives, storage of leather and leather goods

II. Production : Food industry, Production of pharmaceutical products, Ice arenas and skating rinks, Production of semiconductors

BB) Performance comparison of mixtures of R290 (Propane) and R600a (Isobutane) with respect to R134a (Tetrafluoroethane) in VCRS.

Industrial Application: Domestic refrigeration, Commercial refrigeration, Food processing and cold storage, Industrial refrigeration, Transport refrigeration, Electronic cooling, Medical refrigeration, Cryogenic refrigeration.

Training:

Organization	Training Topic/Assignment	Duration	Remarks
Mechanical Workshop- North Eastern Railway Gorakhpur	Service and maintenance of coaches of the train	30 days (15-Jun-13 to 15-Jul-13)	Obtained “Very Good” remark and appreciation

Computer Proficiency:

- CCC passed , conducted by NIELIT government of India
- ANSYS Software
- Auto-CAD
- MS office

Extra-Curricular Activities:

- Member of the winning team in Cricket Tournament
- Got 2nd rank in Chess competition
- Worked as Coordinator in college fest ‘Cerebrum 2014’
- Got 2nd rank in PPT by Indian Society for Technical Education

Paper Published in International Journal:

- A review of Desiccant based cooling system using silica gel’ in Imperial Journal of Interdisciplinary Research.
- Review of Desiccant Based Evaporative Cooling System’ in National Conference on Futuristic in Mechanical Engineering.

Personal Details:

Present Address:	Mayur vihar Phase 2 Delhi
Father's Name:	Vyas Muni Mishra
Age:	30 Years
D.O.B:	05-JAN-1992
Language Proficiency:	English, Hindi