SHUBHAM VERMA

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India

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Date/ Place of birth 09th October 1995/ Gola Gokarnnath, Uttar Pradesh

E-mail shubverma24680@gmail.com

Nationality Indian

Profile

Passionate post- graduate student seeking to work as a researcher in high quality laboratory where I can utilize my innovative ideas, knowledge and skills to develop novel useful materials. Also, with strong organizational abilities and working experience, I can be a proven success towards multiple projects given while maintaining excellent communication and relationship with other group members.

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Work Experience

The Supreme Industries Ltd. (Plastic Pipes and Fitting Division) *Gwalior, M.P., India*

July 2017-July 2019

Worked as **a production officer** in fitting division
Its tagline is **People who know plastics best** and handles over **450,000** tonnes of polymers annually.
Produces variety of PVC plastic products such as pipes, elbow, tee, coupler which are known for their light weight, easy handling and superior quality products.

Education

Indian Institute of Technology Kharagpur *West Bengal, India*

MTech in Rubber Technology *July 2019-Present*

- CGPA: **9.21/10**.

Bhaskaracharya College of Applied Sciences, University of Delhi *Delhi, India*

BTech in Polymer Science *May 2013-June 2017*

- Percentile:**72.27%**

S.D. Adarsh Vidyalaya, Gurgaon *Haryana ,India*

SCHOOLING *2009-2013*

- Passed Senior Secondary (12th class CBSE board examination) with a percentage of **85.40%**.
- Passed Secondary (10th class CBSE board examination) with **09/10 CGPA**.

Internship

Leibniz Institute for Polymer Research *Dresden, Germany*

October 2020-March 2021

Completed my Master's thesis project work on self-healing of commercially available chlorosulphonated polyethylene or Hypalon rubber via non - covalent ionic interactions.

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Key learnings: Ionic modifiers and Ionic functionalization of Hypalon and self-healing behavior.

Indian Oil Corporation Ltd. *Faridabad, Gurgaon*

June 2016-Aug 2016

Worked in Research and Development Centre on study of rheological and processing characteristics of bimodal grade HDPE resin.

Key learnings: Polymer waxes, Lubricants, Bimodal HDPE resin, Rheological equipments and processing units

Academic Project

Synthesis of Novel Thermoplastic Polyester Packaging Film by Lactic Acid, Pthalic Anhydride and Ethylene glycol as my graduation thesis work.

Qualifications and Participations

Academics

Attained 1st position in event **Trash to Cash**.
Attained runner-up position in **Volleyball Competition** on sports day.
AIR **330** in Engineering Science in **GATE 2019.**

Co-Curricular

Participated in Poster Competition on **Polymer Modification, Processing and Characterization** at Delhi University (DU).
Attended National Conference on **Advancement in Packaging, Food and Social Impact** held at DU.
Attended International Conference on **Advances in Polymer Science and Rubber Technology** held at IIT Kharagpur. Attended International Conference **GSPFM** held at IIT Kharagpur.

Skills

Efficient Communication skills
Decision Making and Problem Solving. Team Work.
Leadership Qualities.
Time Management.
Microsoft Office Programs (M.S Excel, M.S Word, M.S PowerPoint)

References

Prof. NIKHIL KUMAR SINGHA
Rubber Technology Centre
West Bengal, India

E-mail: nks8888@yahoo.com

Prof. FRANK BOEHME
Polymer Structures
IPF, Dresden, Germany

E-mail: boehme@ipfdd.de

Prof. Dr. BRIGITTE VOIT
Head and Managing Director
Macromolecule Chemistry
IPF, Dresden, Germany

E-mail: voit@ipfdd.de

Declaration

I hereby declare that the above information contained herein are true and correct to the best of my knowledge.

Place: Kharagpur

Shubham Verma