



# Vindhyachal Nath Tripathi

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Date of birth: 31/03/1997 | **Nationality:** Indian | (+91) 7827125262 |

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## ● WORK EXPERIENCE

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17/01/2022 – CURRENT – DELHI

**ASSISTANT PROFESSOR** – HMR INSTITUTE OF TECHNOLOGY AND MANAGEMENT

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I am teaching applied mathematics in this institute.

14/03/2021 – 15/01/2022 – Delhi, India

**SUBJECT MATTER EXPERT** – CHEGG INDIA

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I am a subject matter expert of Advance Mathematics at Chegg India. I work as online tutor across the world. This job involves thinking differently, make me different from others. Being a subject matter expert in education technology liberates me to try my own ideas in writing. Above all a good subject matter expert role and responsibilities include giving planned productive hours to get maximum output.

31/05/2018 – 27/02/2021 – Bangalore and Delhi, India

**PRIVATE TUTOR** – SELF EMPLOYED

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While i constantly strive for knowledge and consider myself to be an avid learner, i equally relish opportunities to teach fellow peers and prospective students. Though my focus primarily veers around teaching the fundamental concepts of mathematics, i encourage fellow students to imbibe the concepts from the perspective of problem solving and finding application in daily life.

## ● EDUCATION AND TRAINING

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05/08/2017 – 29/06/2019 – JB Campus, Mysore road, Bangalore, India

**MASTER IN SCIENCE** – Bangalore University

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During my 2 year stint doing masters, i explored multiple avenues in the field of Mathematics, gaining exposure to the diverse realms of Algebra, Fluid Dynamic, Real Analysis, Graph Theory, Magnetohydrodynamics, Differential Geometry etc. Certain topics in particular grabbed my attention which led me to develop a keen insight and gain constructive knowledge of the very same. Some of these find mention below-

- Wolfform Mathematics
- Latex and Latex Beamer
- SciLab
- Maxima.

### **Field(s) of study**

- Mathematics

**Thesis:** Nanofluids and Their Applications

8.39 cgpa | [Bangaloreuniversity.ac.in](http://Bangaloreuniversity.ac.in)

19/07/2014 – 13/07/2017 – North campus, Near Vishwavidyalaya metro station, New Delhi, India

**B.SC(H) MATHEMATICS** – Delhi University

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I have read and harnessed a deep understanding of all the essential concepts of Mathematics as a discipline, being aided by the my presentation and debating skills during my graduation years.

**Field(s) of study**

- Mathematics and Physics

80.8 percentage | [du.ac.in](http://du.ac.in)

30/06/2010 – 07/06/2012 – 9, Sarojini Naidu Marg, Prayagraj, India

**HIGH SCHOOL (10TH)** – Uttar Pradesh Board

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**Field(s) of study**

- Science , Social Science, Mathematics, English, Hindi ,Art

86.7 percentage

19/07/2012 – 24/05/2014 – 9, Sarojini Naidu marg, Prayagraj, India

**INTERMEDIATE ( 12TH)** – Uttar Pradesh Board

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**Field(s) of study**

- Physics, Chemistry, Mathematics, Hindi, English

88.2 percentage

- **LANGUAGE SKILLS**

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Mother tongue(s): **HINDI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	B2	B2	B2	B2	B2

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

- **DIGITAL SKILLS**

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**My Digital Skills**

Latex: advanced user | SciLab | Wolfram Mathematica (Basic) | MAXIMA | Microsoft Word | Microsoft Office | Microsoft Powerpoint | Microsoft Excel | LinkedIn

- **COMMUNICATION AND INTERPERSONAL SKILLS**

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**Personal Skills and Language**

While my educational endeavors of graduation and postgraduation helped me discern the secrets of the wonderful subject that Mathematics is, it also greatly influenced me in developing an analytical frame of mind as well as acquiring the ability for meta analysis of complex problems and deep diving in the pursuit of practical solutions

for the same. While the subject left an indelible mark on my impressionable mind, i equally rejoiced the experience of meeting like-minded people, having insightful conversations, developing social bonds and relishing the chance to teach some of the finest young minds i saw during the course of my journey.

- **HOBBIES AND INTERESTS**

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### **Hobbies and Interests**

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Being a voracious reader, i enjoy reading social subjects such as society, History ,Economics and Geography in my leisure time while i also relish keeping a tab on ongoing developments in the field of economics and international relations.Among other interests, i hold great passion and enthusiasm for sports, particularly cricket and table tennis.

- **CONFERENCES AND SEMINARS**

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26/04/2019 – 26/04/2019 – JB campus Bangalore University

### **National Symposium on Mathematics and it's application**

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21/12/2018 – 22/12/2018 – JB Campus Bangalore University

### **Nanofluids and Their Applications on Celebration Mathematics Day**

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- **PROJECTS**

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04/01/2019 – 30/06/2019

### **Nanofluids and Their Applications**

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- **HONOURS AND AWARDS**

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21/12/2018

### **Mathematics Aptitude – Indian Space Research Organization and Department of Mathematics**

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I have won 1st prize in Mathematics Aptitude.

22/02/2017

### **Paper Presentation – Zakir Husain Delhi College**

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I had awarded 2 nd prize in paper presentation.

21/12/2018

### **Debate – Indian Space Research Organization Chair and Department of Mathematics**

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I have won 1st prize in Debate on Mathematics Culture in World.