

# CURRICULUM VITAE



Shitiz Upreti

## Res. Address:

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## **Objective:**

Seeking a Growth-oriented career with room for advancement, eager to work in a stimulating environment and contribute to this dynamic field. Dedicated to achieving expertise in the academic field through hard work, determination, and perseverance, with an approach that reflects enthusiasm and a positive attitude toward achieving my goal. Develop and promote creativity and higher-order thinking skills in order to improve student performance and to establish a long-term career as a professor that will provide endless opportunities for career growth and to keep up with cutting-edge educational technologies.

## **Work Experience:**

- ✓ Working as an Assistant Professor & Coordinator in the Department of Electronics & Communication and Mathematics in [SGT University, Gurgaon](#) from 2<sup>nd</sup> Nov. 2020 to till date.
- ✓ Worked as a Mathematics Faculty and Content Head to teach and guide students for IIT-JEE Mains, SAT, ACT, IB, GMAT, IGCSE Exams etc. in [Tutela Education Group](#) from 11<sup>th</sup> May 2019 to 29<sup>th</sup> Oct. 2020.
- ✓ Worked as an Assistant Professor & Academic Content Head in the field of Mathematics and Information Technology (I.T) in [Universal Group of Institution](#) from 4<sup>th</sup> April 2018 to 7<sup>th</sup> May 2019.
- ✓ Worked as a Lecturer/ Trainer in the Department of Mathematics and Electronics Science in [ATMC Pvt. Ltd.](#) from 1<sup>st</sup> Nov. 2016 to 25<sup>th</sup> March 2018.
- ✓ Worked as a Mathematics Faculty and Guide in [Arihant Group of Institution](#) to teach and mentor students for Competitive exams - IIT-JEE Mains, Bank PO, GATE, NDA, RRB etc. from 15<sup>th</sup> Jan. 2014 to 17<sup>th</sup> Oct. 2016.
- ✓ Worked as an Assistant Professor & Coordinator in the Department of Mathematics and Information Technology in [Sikkim Manipal University \(S.M.U\)](#) from 8<sup>th</sup> February 2014 to 19<sup>th</sup> May 2018.
- ✓ Worked as a Mathematics & Electronics Science Faculty for Competitive Exams like GMAT, GATE, UGC-NET, Bank PO, IIT- JEE etc. in [Mahendra's Institute & Knowledge Unlimited Institute](#) from 2015 to 2019.
- ✓ Worked as a Quantitative Aptitude & Reasoning Faculty for Competitive Exams like GMAT, SAT, Bank PO, SSC, RRB, CDS etc. in [Sunrise Group of Institution, Delhi](#) from 27<sup>th</sup> May 2012 to 15<sup>th</sup> Dec. 2013.

### **Academic Credentials:**

Degree	University/ Board	Year of Passing	Marks (%)
Ph.D (Pursuing)	Maharishi University of Information & Technology (MUIT), Lucknow (U.P)	2017 – Till Date	N/A
M.B.A (I.T & Operation Research)	Swami Vivekananda Subharti University, Meerut (U.P)	2020	65.6%
M.Tech (ECE)	Galgotia College of Engineering & Technology (G.C.E.T), Greater Noida (U.P.T.U)	2013	70%
B. Tech (ECE)	A.B.E.S Engineering College, Ghaziabad (U.P.T.U)	2009	65%
Class XII	Bal Bhavan Public School, Mayur-II, Delhi (C.B.S.E)	2003	72.3%
Class X	Bal Bhavan Public School, Mayur-II, Delhi (C.B.S.E)	2001	85%

### **Subjects Taught:**

#### **I. Mathematics**

- ✓ Set, Relations & Functions
- ✓ Linear Algebra
- ✓ Matrices & Determinants
- ✓ Complex Numbers
- ✓ Limit, Continuity & Differentiability
- ✓ Calculus (Differentiation & Integration)
- ✓ Sequences & Series
- ✓ Quadratic Equation
- ✓ Straight Line & Conic Sections
- ✓ Probability & Statistics
- ✓ Permutation & Combination
- ✓ Trigonometry & 3-D Geometry
- ✓ Quantitative Aptitude & Reasoning (For Competitive Exams)

### **Patents Published:**

- ✓ Title: “Digital Inhaler”.  
United Kingdom Patent | Design Application No. 6162909 (Under Examination) | Year: 2021
- ✓ Title: “Conceptual Framework of Artificial Intelligence in Human Resource Management”.  
Australian Patent | Patent Number: 2021102839 | Year: 2021

- ✓ Title: “Defense Method to Avoid Automated Attacks in IOT Networks using Physical Unclonable Function (PUF) based Mutual Authentication Protocol”.  
Australian Patent | Patent Number: 2020102146 | Year: 2020
- ✓ Title: “Design and development of Three-Dimensional Advertisement Boards by using Belt Driven Actuators”.  
Indian Patent | Application No. 202011030777A | Year: 2020 (Examination Done/ Waiting for Grant)
- ✓ Title: “Energy Configuration Management Framework using Automated Data Mining Algorithm”.  
Indian Patent | Application No. 202011029828A | Year: 2020 (Examination Done/ Waiting for Grant)

### **Research Journals Published:**

- ✓ “Blockchain Integrated Flexible Vaccine Supply Chain Architecture: Excavate the Determinants of Adoption”, Journal of Human Behavior and Emerging Technologies, Wiley, Oct. 2021 | <https://doi.org/10.1002/hbe2.302> (SCI/SCOPUS INDEXED)
- ✓ “Gain Enhancement of Circular Microstrip Patch Antenna by using Dual-FSS Superstrate Layer for ISM Band” published in International Journal of Electronics & Communication Engineering (IOSR-JECE) | ISSN: 2278-2834 | ISBN: 2278-8735, Vol.4, Issue 3 (Nov.- Dec.2012).
- ✓ “Design and Implementation of Real-Time Based GPS Tracking System”, International Conference on Innovation in Management and Information Technology -2012 organized by IMT Faridabad, 7<sup>th</sup> April, 2012 | ISBN: 2231-3311, Volume-II, Issue 1) and published in Vision of International Journal in Volume-II, Number-1, January -June 2012 | (SCOPUS INDEXED)
- ✓ “GPS based Vehicle Tracking Using Kalman Filter”, International Conference organized by Inderscience Research Network –ICCSIT -2012, Sept 4, 2012 | ISBN -978-93-82208-15-0.
- ✓ “GSM Modem Interfacing with 8051 Microcontroller by using SMS to control and locate Industrial Equipments” at National Conference on Advances in Engineering and Technology organized by Kalol Institute of Technology & Research Centre, March 9-10, 2012.

### **Books Published:**

- ✓ “MASTER THE NCERT”- Mathematics for Competitive Exams, Arihant Publication, ISBN -978-93-5176-601-8, August, 2016.
- ✓ “Exam Master”- Assam Higher Secondary Education Council, Arihant Publication, ISBN -978-93-5176-612-4, Feb, 2015.
- ✓ “Basic Fundamental of Computers”, Arihant Publication ISBN -978-93-5176-601-8, December, 2015.
- ✓ “All in One – Mathematics for Class XI & XII”, Arihant Publication ISBN -978-93-5141-974-7, May 2014.

### **FDP & Workshops:**

- ✓ Attended FDP Programme on “Emerging Trends in Cyber Security, Machine Learning & UI Design” organized and conducted by SGT University, Gurgaon from 7<sup>th</sup> June 2021 to 12<sup>th</sup> June 2021.
- ✓ Attended FDP Programme on “Business Analytics using R” organized and conducted by Delhi Institute of Advanced Studies (DIAS), affiliated from Indraprastha University from 16<sup>th</sup> Dec. 2017 to 22<sup>nd</sup> Dec. 2017.
- ✓ Attended International Conference on Computer Science & Information Technology (ICCSIT) on “GPS-Based Vehicle Tracking Using Kalman Filter” held at Delhi on 04<sup>th</sup> Sept. 2012.
- ✓ Attended International Conference on “Innovations in Management & Information Technology” held on 7<sup>th</sup> April 2012, organized & conducted by IMT, Faridabad.
- ✓ Attended National Conference on “Advances in Engineering & Technology” organized by Kalol Institute of Technology and Research Centre, Kalol during 09<sup>th</sup> March – 10<sup>th</sup> March, 2012

### **Skills Set at a Glance:**

- ✓ Concepts Expertise : Business Statistics, Business Communication & Operational Research.
- ✓ Operating System : MS Windows - 10 & 11, Window Server 2012, 2016, 2022, LINUX.
- ✓ Languages : C, C++, JAVA, HTML5, CSS, SEO, PYTHON.
- ✓ Applications : MS Word, MS Excel, MS Power Point, MIS, Microsoft Office 2019.
- ✓ Tools Used : MATLAB, Selenium 2.0, MATH TYPE, DESMOS, GEOGEBRA, LATEX.

### **Achievements:**

- ✓ Awarded Best Paper Presentation in IMT International Conference, 2012, Faridabad.
- ✓ Achieved 2<sup>nd</sup> Position in English Essay Writing Competition at East Delhi Level.
- ✓ Scored 2<sup>nd</sup> Position in Volley Ball Competition at Zonal Level.

### **Personal Details:**

- ✓ Name : Shitiz Upreti
- ✓ LinkedIn Profile : <https://www.linkedin.com/in/shitiz-upreti-982b7854/>
- ✓ Mobile No. : 9810718333
- ✓ Father's Name : Mr. T.D Upreti
- ✓ Mother's Name : Mrs. Dharma Upreti
- ✓ Language known : English & Hindi
- ✓ Hobbies : Playing Volley Ball, Writing Blogs & Articles
- ✓ Permanent Address : House No. 6A/786, Street No.1, Mandawali (I.P Ext.), Delhi-110092.
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**Declaration:**

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

(Shitiz Upreti)







