

# Bijit Sarkar

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## Summary

Enthusiastic mathematics educator and curriculum champion, leading the transition to concept based teaching from content based teaching. Delivered Google Educator Level 1 training to more than 500+ teachers. Part of core team building teacher training program for Teachers. Designed and delivered "Technology in Pedagogy" workshop to teachers.

## Experience



### Mathematics Specialist

Shiv Nadar School

Nov 2022 - Present (7 months)

Overseeing and building maths curriculum for PYP Maths.

Creating Transdisciplinary learning experiences for students.



### Teacher of Mathematics

Shiv Nadar School

May 2017 - Present (6 years 1 month)

Designed Teacher Training Program for external educators.

Co-designed a three day Workshop on 'Technology in Pedagogy' and delivered the pilot workshop.

Led the design and execution of All India Maths Symposium for Teacher in August, 2021.

Designed interactive lesson by integrating technologies ( Nearpod, Seesaw, Peardeck etc. )

Lead curriculum design change from content based curriculum to concept based curriculum for maths.

Designed Art Integrated Learning project for grade 6.

Teaching maths to grade 5 students with alternative curriculum.

Conducted workshops on Inquiry Based Curriculum for educators.



### Fellow

Teach For India

Jul 2015 - May 2017 (1 year 11 months)

Core subject teacher in a Municipal school in Delhi with a commitment towards academic achievement and holistic development of under-privileged students.

- Achieved 1.2 years of academic growth till Mid-Year Assessment, 2016.
- Established a learning centre in the community for students and invested Head Mistress to allow extra classes.
- Conceptualized and directed a very short film on Math Topic – Equation

- Designed content and format of Quiz booklets and classroom Quizzes.
- Handled logistics for Zonal Quizzes and Final Quiz Event of InQUIZitive 1.0 and 2.0.



## **Engineer**

Ericsson

Dec 2011 - Jun 2015 (3 years 7 months)

- Encoded network circuits in NGI that involved optical fiber and microwave networks, IP networks, DWDM networks.
- Provisioned and tested optical fibers - OCn, DS3 Circuits, T1 Circuits on different equipment's like, Ciena Core Director Alcatel 1680/1603/1648, Titan 6500/5500, Cisco 15454, Sycamore 16k/3 through REACT Tester, also did troubleshooting of Circuits which included alarm analysis.

## **Education**



### **West Bengal University of Technology, Kolkata**

Bachelor of Technology (B.Tech.), Electronics and Communications Engineering

2007 - 2011

Bachelor of Technology (\*Electronics and Communication)



### **Maria's Day School, Howrah**

I.S.C, Science

2004 - 2006

Science Stream



### **South End Centre, Eng. Med. High School**

I.C.S.E, GENERAL

1996 - 2004

High School

## **Licenses & Certifications**



**EFSET Quick English Check - Score: Advanced / Proficient (CEFR C1/C2) - EF**  
Education First



**Apple Teacher** - Apple



**Google Certified Educator Level 1** - Google

Issued Jul 2020 - Expires Jul 2023

20568357



**Middle School Maths** - Centre for Teacher Accreditation (CENTA)

e61d8dfd1be44313737b85734711cf4b



### **Primary School Maths - Centre for Teacher Accreditation (CENTA)**

Issued Nov 2020 - Expires Nov 2022

125b2b4b0d059770a89739d80b7fc7b6



### **Google Certified Educator Level 2 - Google**

Issued Jan 2021 - Expires Jan 2024

28223310



### **Start the UX Design Process: Empathize, Define, and Ideate - Coursera**

W2WWS9QU7Z8Z



### **Foundations of User Experience (UX) Design - Coursera**

BMUS2U9DAHHS



### **The Laws of Visual Perception: Unit, Weight, Balance and Movement - Domestika**

1438d47aceaf7c813e9532b26db1e8eb



### **Visual Design : The Ultimate Guide - Interaction Design Foundation (IxDF)**

120149-2022-687097



### **Design for the 21st Century with Don Norman - Interaction Design Foundation (IxDF)**

120140-2022-686284

## **Skills**

Teacher Training • Teaching • Strategic Planning • Mathematics • Mathematical Modeling • Mathematics Education • Curriculum Development • Relationship Building • Teamwork • Classroom Management