

About me

A Mathematics Explorer

An ambitious person who is driven, aspirational, and passionate about learning. Having experience in teaching and other domain of educational fields. I'm motivated and excited to work in a setting that supports my professional development.

Experience

Math ED Labs

Content Developer

OCTOBER, 2022 - APRIL , 2023

I worked as a Content Developer at Math Ed Labs (MEL). During the internship I designed several educational board games and workbooks focused on school Mathematics. These resources have been implemented in newly established Mathematics labs across several Delhi government schools.

State Council of Educational Research and Training (SCERT), Delhi

Intern

SEPTEMBER, 2022 - NOVEMBER, 2022

As an intern at SCERT Delhi, I worked in the Content Development Cell, where I provided inputs for the development of educational content. I gained valuable experience in developing educational material for mathematics for elementary grades. Also learned how to conduct research and analysis to ensure the accuracy and relevance of the content.

Physics Wallah Project

Free lancer

June, 2022 - September, 2022

Worked as a freelancer content developer of mathematics for grade 6 to 12 .

Scholar home public school

Worked as an elementary educator July 2016 - March 2018

Education

- Cluster Innovation Centre, University of Delhi.
PhD in Mathematics Education (Pursuing)
- Cluster Innovation Centre, University of Delhi and Jamia Millia Islamia
(A Meta University Based Course)
M.Sc Mathematics Education
- Jamia Millia Islamia, New Delhi
M.A Islamic Studies
- Jamia Millia Islamia, New Delhi
Diploma in Elementary Education
- National Council of Educational Research and Training (NCERT)
1-year Online diploma in teaching science at elementary level
- St. Joseph College For Women, Gorakhpur
Bachelor in Physics, Chemistry & Maths

School Internship

SKV School NO.1 , Shakti Nagar, Delhi

As a secondary grade pupil teacher during my school internship I enabled learning through innovative, appropriate and differentiated instructional methods to engage learners and facilitating them using alternate resources and allowing them to become active participants in their learning experience.

SKV Noor Nagar, Delhi

As an elementary teacher I adopted the engaging ,interesting teaching-learning resources to made the learning of mathematics and science engaging & fun by using real word scenario and story telling method in order to made the teaching effective

MCD Khizrabad, Delhi

As a fifth-grade class teacher, I utilised engaging, exciting teaching-learning tools along with storytelling method to make learning interesting & effective.

Projects

PIN & WIN

A board game based on the concept of basic mathematics operations, where players have to use these operations to win as much tower as possible.

Fractions Bingo

It is a card game centered around the concept of fractions and their operations. Players must be the first to eliminate the specified row or column to win.

Role of Mathematics in MLC Election

An exploratory project on the game changing role of mathematics in MLC Election.

Concept Based Module Development on trigonometry

This comprehensive module is designed as a valuable teaching and learning resource focused on trigonometry concepts, aimed to enhance the learning experience and mastery of trigonometry.

2-Days Hands –on Workshop on ICT embedded pedagogy

Got opportunities to conduct two day hands-on teacher training workshop to equip school teachers with an ability to integrate ICT tools in classrooms.

Project on-Analysis of National Education Policy-2020

Critical analysis of NEP-2020 with reference to Mathematics Education

Analysis of performance of all states in the National Achievement survey(NAS)

Critically analyzed the performance of different states on grade 5 mathematics in National Achievement Survey conducted in year 2017 & 2021

Publications

Conference Paper

Parween N.-REPOSITORY OF MATHEMATICS LEARNING TOOLS FOR AUDITORY DEFICIT LEARNERS (DEAF). National conference on mathematics education, 2022; Regional Institute of Education, Bhubaneswar.

Conference paper

Parween N. -REPOSITORY OF DIGITAL INSTRUCTIONAL PLATFORMS FOR EDUCATORS.Future of B.Ed beyond Classroom Teaching ,Ganpat Parsekar College of Goa. .

Conference paper

Parween N.-EXAMINING CURRICULUM ACCESSIBILITY FOR VISUALLY IMPAIRED SECONDARY GRADE MATHS STUDENTS. National conference on mathematics education, 2023; Regional Institute of Education, Shillong. .

Conference paper

Parween N.-Exploring Educators' Views on the Newly Developed Visual Proof Kit for Mathematics Instruction. National conference on mathematics education, 2023; Regional Institute of Education, Shillong.

S.skills

Resource Development Creating teaching aids Curriculum developer Content developer
Flexible to change Problem -solving skills Reflective pedagogue Communication skills

T.skills

MS Office Canva Adobe Illustrator Adobe Photoshop Latex
MathType Mathematica Geogebra HTML

Certificates

Diploma in Urdu Language Course on Computers Concept 1-Week NSS camp participations

Language Known

Arabic English Hindi Urdu

References

Prof. Jyoti Sharma

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