



MOHD ABDUL SHAKOOR

Ph.D Candidate(IIM Ahmedabad)
BUDDING EDUCATIONIST
ENGINEER

Contact

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Profile

A passionate learner, a math enthusiast, and an zealous educator. I want to grow my career in the field of education.

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EDUCATION

Doctoral Programme - Innovation and Management in Education

IIM Ahmedabad | 2024 | Pursuing

M.Sc. Mathematics Education

Delhi University | 2022 - 2024

An amalgamation of mathematics and education, this masters programme has grow my understanding of pedagogy and enhance my ability to teach mathematics, encorporating creative ideas.

B.E (Mechanical Engg.)

Osmania University, Hyd, T.S

2015 - 2019 | **70%**

Nurturing my mathematical understanding, this bachelor's programme has imparted a special engineering ability in me, enabling me to elevate my ideas from paper to real practical world.

Intermediate (M.P.C)

Narayana Junior College, Hyd, T.S

2013 - 2015 | **97%**

The place where I found my Love, i.e., Calculus.

ICSE

St. Georges Grammar Boys School, Hyd, T.S.

2013 | **80%**

Besides parenting, my schooling is all that I am made up of.

WORK EXPERIENCE

Math Education Specialist – Urdu

Educational Initiative
Contractual

Design and development of Math Educational Products with speciality in Urdu language. Development of games, remedial modules, proficiency assessment tools are some of the few works I do here.

Math Content Developer

Noetic Education
Project Basis

JEE Advance crash course developer. I have developed the video modules of the JEE Advance exam, as per the 2023 syllabus. The course is based on interactive video modules, intended for quick concept recap and last minute preparation. Check the work @ bit.ly/trigonometry_sample

Content Developer & Designer

MEL - MATH ED LABS | Moonlightining

Designs and develops the math content (worksheets, board games, etc.) for the company's products which deals with Mathematics Labs.

Lately, I have been working on design and review of math labs under the Samagra Shiksha Abhiyan (SSA) of the govt. of India

Fixed Term Employee

CueMath (Cue Learn Pvt. Ltd) | February, 2023 - June, 2023

Expert tutor for the exclusive high grade math programme 'CueMath High'. Tutored 20+ high grade students.

Lecturer & Staff Admin.

Holy Mary College of Nursing , Hyderabad, T.S
March, 2021 - December, 2022

Taught Statistics to the B.Sc final year & M.Sc. first year nursing students.
Taught Biophysics to the Post Basic B.Sc nursing students. Co-administered the college with 300+ residential students

Chegg Expert : Calculus

Chegg India Pvt. Ltd | November, 2021 - January, 2023

Been an expert Q&A solver at Chegg platform for the subject of Calculus. Dealt with Calculus from high school till college level.

3D Printing Engineer

Daava Group, Hyderabad, T.S | December, 2019 - February, 2021

Worked as the 3D-printing engineer in the firm which provided prototyping services.

Teacher

Insight International School, Hyd, T.S | June, 2019 - November, 2019

Taught Mathematics to grade 4, 5 & 6 of Cambridge Internaional (CI) based curriculum.

PROJECTS & ACHIEVEMENTS

- **Junior Research Fellow (JRF)** holder in Education domain.
- **Paper presentation** in a national conference
 - Conf. Title : National Conference on Mathematics Education
 - Paper title : Exploring Educators' Views on the Newly Developed Visual Proof Kit for Mathematics Instruction
 - Organiser : Regional Institute of Education (RIE), NCERT
- **Resource Person** for the Workshop
 - Title : Digital Pedagogy for Navodaya Vidyalaya Teachers
 - Organiser : DRIIV-EE, O/o Principal Scientific Advisor (PSA) to the Government of India
- **Developed a MOOC** (Massive Open Online Course)
 - Subject: Statistics for Nurses
 - Platform: MOODLE (the largest open source LMS)
 - Check the work @ <https://bit.ly/MOOCmodule3>
- **Poster Presentation in the National Conference**
 - Conf. Title : 11th National Conference on Technology & Innovation in Math Education (TIME)
 - Poster Title : Visual Proofs Kit
 - Organiser : IIT-Jodhpur
 - Check the work @ <https://bit.ly/visualproofskit>
- **Teaching Intern (Math) at Delhi Govt. School**
 - School : Sarvodaya Vidyalaya No. 1, Shakti Nagar, Delhi NCT
 - Grades : Secondary & Senior Secondary (9th, 10th 11th & 12)
 - No. of Days : 36
- **Developed a TLM on Visual Proofs in Mathematics**
 - Type : Acrylic laser-cut manipulative
 - Suitable for : Grade 9 to Grade 12 Math Educators
- **Quiz Master** in the STEM IGNITE CAMP
 - Audience : Secondary grade school girls from selected schools in Delhi
 - Organiser : DRIIV-EE, O/o Principal Scientific Advisor (PSA) to the Government of India
- Participation in the **workshop on Education Policy & Budget**
 - Organiser : Institute of Policy Studies and Advocacy, New Delhi
- Participation in the national seminar
 - Title : Innovation In Education Through Public-Private-Partnership (PPP) Model in Higher Education
 - Organiser : Cluster Innovation Center, University of Delhi.

PROJECTS & ACHIEVEMENTS (contd.)

- Participation in the national workshop
Title : Applied Numerical Methods, Optimization Techniques & Learning (ANMOL-18)
Organiser : MVSR Engineering College, Osmania University.
- Workshop on Podcast and Audio Storytelling
Organiser: newswriters.in
- All India 10th rank in national challenge
Project : SAE BAJA 2019 - the national level off-road vehicle design and endurance challenge
Organiser : Society of Automotive Engineers (SAE)
- Certification in CAD Design
Level : Associate in Mechanical Design in SolidWorks
Authority : Dassault Systèmes.

CO-CURRICULAR ACTIVITIES

- Volunteer at TeachInUrdu.org. Develops educational content in Urdu language.
- Runs a podcast on Spotify by the title 'MathEdTalks'
Check out the episodes @ <https://open.spotify.com/episode/ORVt0dxqmrRx6z17ssZ9P>
- Media designer for the International Students House (ISH)
- Member of the editorial board on TheCompanion, an online magazine (thecompanion.in)
- Served as the editor of the Hyderabad based bimonthly kids' magazine 'Lighthouse'.
- Been a Live Web Cast volunteer for Telangana Legislative Assembly Elections 2018
- Member of the nationally established students' organisation "SIO, India"

SKILLS & PROFECIENCIES

Softwares

- Multimedia & Graphics :
 - Adobe Illustrator
 - Canva
 - Camtesia
 - Filmora
 - Vegas Pro
- Data & Presentation :
 - Prezi
 - LateX
 - MS Word, Excel, PowerPoint
 - GSuite
- Education & Engineering
 - Math TLMs : Geogebra, MathType
 - CAD Modelling : SolidWorks, Fusion360
 - 3D Printing : Slicer, Cura
 - Programming : C, AppScript

Interpersonal Skills

- Creative
- Communicator
- Determined, focused
- Acclimatable
- Team Leading & Team Management skills
- Eloquent Presenter

LANGUAGES

	Listening	Speaking	Reading	Writing
English	●	●	●	●
Urdu	●	●	●	●
Hindi	●	●	◐	◐
Telugu	◐	◐	◐	◐
Arabic	◐	◐	◐	◐

INTERESTS/HOBBIES

- Travelling
- Swimming
- Reading
- Being a Xenophile
- Solving Rubik's Cubes' Variety
- Poetry

PERSONAL DETAILS

Father's Name : Mohd Abdul Lateef
DOB : 30-03-1997
Marital Status : Unmarried
Nationality/Religion : Indian/Islam

Place : _____

Date : _____

