Curriculum Vitae

1 Personal Information

Name	Sk Md Salauddin
Email	skmds99@gmail.com
	gm2262@myamu.ac.in
Address	Aligarh, UP, India, ZIP - 202001
Languages	Bangla (native), English (fluent), Hindi (fluent)

2 Research Interests

I'm interested in Algebra and Ring Theory, In particular Functional Identities in Rings and Algebras.

3 Freelance Experience

Sept 2024 -	Worked as an **AI Math Trainer** at **Outlier**
	Reviewed and refined AI-generated math content for accuracy and clarity. Delivered constructive feedback to optimize content delivery. Managed multiple projects involving AI-generated mathematics material.
Feb 2022 - Aug 2024	Worked as a **Subject Matter Expert** at **Chegg India**
	Provided online solutions and academic support in advanced mathematics to students across various educational levels.

4 Education

2023-	PhD in Mathematics from Aligarh Muslim University, Aligarh, UP, India
2020-2022	M.Sc. Mathematics (First Division) from Aligarh Muslim University, Aligarh, UP, India
2017-2020	B.Sc. (Hons.) Mathematics (First Class) from Midnapore College, Medinipur, WB, India
2017	Grade A in Higher Secondary examination
2015	Grade A+ in Secondary Examination

5 Standardised Tests

- **Joint CSIR – UGC NET (Subject: Mathematical Sciences)**
  Qualified Joint CSIR – UGC NET in Mathematical Sciences for Lectureship/Assistant Professor June 2023 and secured rank 57.
  Qualified Joint CSIR – UGC NET in Mathematical Sciences for Junior Research Fellowship and Lectureship/Assistant Professor Decenber 2024 and secured rank 81.

- **GATE 2022 & 2023 (Subject: Mathematics)**
  Qualified GATE 2023 organized by IIT Kanpur and secured rank 754 with score 443.
  Qualified GATE 2022 organized by IIT Kharagpur and secured rank 1692 with score 381.

- **WBSET 2024 (Subject: Mathematical Sciences)**
  Qualified West Bengal SET for eligibility for Assistant Professor in the year 2024.

6 Awards and Achievements

December 2021	I participated in Quiz (PG Level) competition on National Mathematics Week and won Third Prize from Aligarh Muslim University.
2017	I received Merit Cum-Means Scholarship (for the period 2017-2020).

December 2016	I secured First Position in an Annual Cultural Programme (Quiz Section) organized by Vidyasagar Vidyapith.

7 Programming

I have experience with the languages C, Python, C++ and LaTeX.

8 Projects and Workshops

July 2025	Participated in Math IntroSeries Course on "Generalized Weyl Algebras and their Representations" organized by Institute of Mathematics, University of the Philippines Diliman, North-Eastern Hill University, Mindanao State University - Iligan Institute of Technology, Central Mindanao University, and Linnaeus University.
September 2023	Attended ten days skill enhancement course on "Artificial Intelligence and Machine Learning" sponsored by RUSA.
November 2022	Participated in a 2-day workshop on "Abstract Algebra" organized by Division of Mathematics, School of Advanced Sciences, Vellore Institute of Technology, Chennai from 11th and 12th November 2022
July 2022	Project titled "Application of Mathematics in Machine Learning" under the guidance of Dr. Akhlad Iqbal of Aligarh Muslim University, Aligarh [Here I have explored the pivotal role of mathematics in machine learning, covering core ML categories and applying mathematical concepts to image to matrix conversion and optimization. Investigated Principal Component Analysis (PCA) for dimensionality reduction.]
March 2021	Participated in a National Workshop on "Historical Development of Mathematics" Conducted online from March 25th to 27th, 2021 organized under the aegis of DBT Star College Scheme, Ghatkopar (W), Mumbai

9 Conferences Attended

January 2023	IECYRANT (International E-Conference of Young Researchers in Algebra and Number Theory) held on January 12-13, at Faculty of Sciences Dhar El Mahraz, Fez, Morocco.
August 2020	ETVM-ASTSSR (Emerging Trends in Vedic Mathematics & Applications in Science, Technology and Social Sciences Research) hosted at Special Centre for E-Learning, Jawaharlal Nehru University, New Delhi-110067, India

10 Hobbies

(a) I'm a hobbyist programmer and a firm believer of the FOSS philosophy.

(b) I like to participate in quizzes, having competed in some institute competitions and won prizes.

(c) I'm also interested in literature. I've published several poems in both my native language Bangla and English. Also, like most people, I love music and movies.

11 Declaration

I hereby declare that the details and information given above are complete and true to the best of my knowledge.

Date : July 14, 2025   [SK MD SALAUDDIN]
Place : Aligarh, UP, India   Signature