

## Curriculum Vitae

**Dr. FARAH DEEBA KHAN**  
136-A, Eden Enclave  
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### Objective

An experienced Mathematics teacher who enjoyed working with numbers and imparting principles of learning mathematical concepts to all students. Skilled in various methods of classroom instruction and management techniques. Passionate toward educating students in mathematics.

### EDUCATIONAL QUALIFICATIONS

#### **INTEGRAL UNIVERSITY, LUCKNOW**

Doctor of Philosophy (Ph.D.) in Mathematics (Numerical Analysis)- 2020

**Thesis title:**

“STUDY OF NEW APPROCHES USING SPLINE INTERPOLATION TECHNIQUES AND THEIR ERROR ANALYSIS”

**Advisor:** Dr. Najmuddin Ahmad

#### **UNIVERSITY of MUMBAI**

Bachelor of Education (B.Ed.) –2011

#### **C.S.J.M UNIVERSITY KANPUR**

Master of Science in Mathematics (MSc) - 2010

#### **KIDWAI NAGAR KANPUR**

Diploma in Computer -2008

### TEACHING EXPERIENCES

Experience: 6 years As Lecturer.

**Period:** Jun 2011 to Mar 2012

**Department of Mathematics**

**Ismail Yusuf Collage of Arts, Science & Commerce, Mumbai, MAHARASTRA**

**Period:** Jun 2012 to Jan 2013

**Department of Mathematics**

**S.R.P Junior College of Arts, Science & Commerce, Mumbai, MAHARASHTRA**

**Period:** Aug 2015 to May 2019

**Department of Mathematics**

**Karamat Hussain Girls collage, NISHATGANJ, U.P. LUCKNOW**

**Period:** Feb 2013 to Oct- 2013

**AS APPTITUDE TRAINER INTEREGRAL UNIVERSITY**

## **PUBLICATIONS**

- 1- 2020. "**Study of Numerical Accuracy in Different Spline Interpolation Techniques**", Global Journal of Pure and Applied Mathematics, Vol 16, N. 5, pp. 687-693,
- 2- 2019. "**Study of cubic B spline Interpolation**". International Journal of Ultra Scientist of Physical Sciences by UGC.
- 3- 2019. "**Study of polynomial and non-polynomial based approximation**" International Journal of Current Advance Research Indexed by UGC.
- 4- 2018. "**Numerical accuracy of errors in different functions using Interpolation technique**". Journal of Science and Arts 2(43), 339-344.
- 5- 2017. "**The Study of New Approaches in Cubic Spline Interpolation for Auto Mobile Data**". Journal of Science and Arts 3(40): 401-406.
- 6- 2017. "**Applications of Cubic Splines in Numerical Solution of Polynomials**". International Journal of Engineering, Science and Mathematics 6(6):99-106.

## **CONFERENCES/ SYMPOSIUM/WORKSHOP/FDP**

- 1- Presented a research paper Title "Study of uses of cubic spline in numerical solution of polynomials." organized by Department of Electronics and Communication Engineering Physics and electrical Engineering. Under the aegis of HRDC, Integral University, Lucknow held on 03 Aug 2017
- 2- Attended one-day online national seminar on "Present Scenario & Future prospective of research Engineering & Sciences", organized by Department of Electronics and Communication Engineering Physics and electrical Engineering In collaboration with WIE-Affinity group & IEEE Student Chapter, Integral University, Lucknow held on 21 Jan 2017

- 3- Participated in National workshop on “Role of Mathematics in science and technology organized by department of Mathematics, Integral University, Lucknow held on 10 April 2017
- 4- Participated in international Symposium on Algebra, analysis and their Application Organized by Integral University, Lucknow held on 22 Dec 2017
- 5- Attended and Presented Paper “Study of Numerical accuracy in different spline interpolation Techniques (CTES-19) held during 6-7<sup>th</sup> sept 2019 at Rajkiya Engineering collage, Ambedkar Nagar, U.P.

### Extra-Curricular Activities

- 1- Helped the students in the aptitude test which is taken by companies for placement purpose.
- 2- Coordinate the campus drive/placement, interview conducted by training and placement department.

### Personal Information

<b>Date of Birth</b>	17 Mar 1988
<b>Gender</b>	Female
<b>Email ID</b>	farahdkhan12345@gmail.com
<b>Address</b>	136-A,Eden Enclave,
<b>Marital Status</b>	Married
<b>Mobile No</b>	+91-9005494589
<b>Nationality</b>	Indian
<b>Languages Known</b>	English, Hindi, Urdu
<b>Passport</b>	<u>yes</u>

### Declaration

I hereby declare that all statements made in this application are true, complete and correct to the best of my knowledge and belief.

**PLACE:** LUCKNOW

**Date:**

**Dr. Farah Deeba Khan**