

## **CV for the post of High School Teacher - Mathematics**

Name : **Dr. Noor Jahan**  
Date of Birth : 13/07/1982.  
Address : Flat no.4, 1st floor, Al Uraibi,  
**Ras Al Khaimah, UAE.**  
Contact Number : +971505298035.  
Email ID : [drnoorjahan2020@gmail.com](mailto:drnoorjahan2020@gmail.com).  
Nationality : Indian.  
Permanent Address : H.B.R Layout, Bangalore, India. Ph : +919035445078.  
Visa Status : Visit visa valid till April 2022.



### **QUALIFICATIONS:**

- **Ph.D., Applied Mathematics, REVA University India, 2020.**
- **M.Sc., Mathematics, Bangalore University India, 2013.**
- **B.Ed., Mathematics & Physics, Bangalore University India, 2008.**
- **B.Sc., PMCs, Bangalore University India, 2005.**

### **RESEARCH INTEREST:**

Fluid Dynamics  
Lubrication of bearing

### **TEACHING EXPERIENCE:**

|                                |                     |                             |
|--------------------------------|---------------------|-----------------------------|
| Senior Secondary Maths Teacher | Oct 2020 - Dec 2021 | Huda Degree College, India. |
| Senior Secondary Maths Teacher | Feb 2020 - Sep 2020 | Hasanath College, India.    |
| Secondary Maths Teacher        | Dec 2013 - Apr 2016 | Huda PU College, India.     |
| Secondary School Maths Teacher | Dec 2008 - Mar 2011 | Huda PU College, India.     |
| High School Maths Teacher      | Jun 2005 - Oct 2007 | Shams School, India.        |

### **JOB RELATED SKILLS / SOFTWARE:**

- Manage classroom coverage of assigned subjects Real numbers & Surd, Square roots and Cube roots, Matrix & Determinants, Trigonometric ratios and functions, Relations and Functions, Number & Accuracy, Algebra & graphs, Co-ordinate geometry, Geometry Properties of Shapes, Mensuration (Perimeters, Areas, Volume & Surface), Vectors and Scalar, Statistics, Probability, Simultaneous Linear Equations, Complex Numbers, Inequalities.
- Recording attendance, managed student portfolios and provided individual assistance to the needy students.
- Developing children's interests, abilities and coordination using creative activities. Developing/ maintaining good working habits and discipline in classrooms
- Engaging pupils in the class in stimulating discussions.
- Counselling students, advising them for their professional and personal developments along while resolving and counseling them on their grievances and issues.
- Developing & fostering the appropriate skills and social abilities to enable the optimum development of children, according to age, ability and aptitude.

- Collaborate with fellow teachers to design lesson plans and perform administrative tasks viz.
- Interacting with the parents in the Parent Teacher Meetings to evaluate the progress discuss the results of the students and provide guidance if required.
- Planning, preparing and presenting lessons that cater for the needs of the whole ability range within their class; motivating pupils with enthusiastic, imaginative presentation.
- Prepare and administer examinations, grade them in a timely manner, and provide feedback to the students.
- Use clear, objective guidelines for evaluation, appraisals and interacted with other administrators. Exploration and implementation of new teaching techniques for students
- Create comprehensive classroom assessment methods and techniques-adopted effective tools that were compliant with the university standards.
- Organizing and participating in staff meetings.

#### **PAPERS PRESENTED & PUBLISHED (SCOPUS INDEXED JOURNALS):**

1. Published the paper ‘Analysis of Squeezing characteristics between a Sphere and Rough Porous Flat Plate with variations of Pressure Dependent viscosity’ in *Ilkogretim Online - Elementary Education Online*, on June 2021, Vol 20 (Issue 4): pp. 320-331.
2. Published the paper ‘Squeeze Film Lubrication on a Rigid Sphere and a Flat Porous Plate with piezo-viscosity and Couple Stress Fluid’ in *Scientific.Net* on March 2020, Vol 401: pp. 140-147.
3. **Presented** the paper ‘Effects of pressure dependent viscosity variation on the squeeze film lubrication between a sphere and a rough porous flat plate with couple stress fluids in “*International Conference on Recent Advances in Applied Sciences*” held on 17<sup>th</sup> and 18<sup>th</sup> October 2019.
4. **Presented** the paper ‘Combined effect of Piezo-viscous dependency and non-Newtonian couple stresses in Annular Plates Squeeze characteristics in “*National conference on Mathematical Techniques and Applications 2018*” held on 5<sup>th</sup> and 6<sup>th</sup> January 2018.
5. **Presented** the paper ‘Combined effect of Piezo-viscous dependency and non-Newtonian couple stresses in Rough Annular Plates Squeeze film characteristics in “*National conference on Mathematical Techniques and Applications 2018*” held on 5<sup>th</sup> and 6<sup>th</sup> January 2018.

#### **LINK OF PAPER PRESENTED & PUBLISHED:**

<http://ilkogretim-online.org/fulltext/218-1612994897.pdf?1614702048>

<https://doi.org/10.4028/www.scientific.net/DDF.401.140>

[https://iaeme.com/Home/article\\_id/IJMET\\_09\\_12\\_091](https://iaeme.com/Home/article_id/IJMET_09_12_091)

<https://iopscience.iop.org/article/10.1088/1742-6596/1000/1/012083/pdf>

<https://iopscience.iop.org/article/10.1088/1742-6596/1000/1/012082/pdf>

#### **CONFERENCES, SEMINARS & WORKSHOPS, WEBINAR ATTENDED:**

- Participated in Online webinar held by the Vogue Institution of arts and design, Bangalore, India on the topic ‘*UX/UI design*’ held on 20<sup>th</sup> January 2022.
- Participated in the Five Day of Conference held by the school of computer science and engineering at REVA University, Bengaluru, India on the topic ‘*Research Methodology and Tools*’ held on 18<sup>th</sup> January 2021 to 23<sup>th</sup> January 2021.

- Participated in the Five Day of Conference held by the college of computing and information technology at REVA University, Bengaluru, India on the topic 'Academia-Industry Interaction in Funded projects and Entrepreneurship' held on 8th January 2021 to 13th January 2021.
- Participated in the Two Day of Conference held by the college of engineering at Abu Dhabi University and Fib UAE on the topic 'Women in Engineering Forum 2020 (virtual)' held on 19<sup>th</sup> October 2020 to 20<sup>th</sup> October 2020.
- Participated in the Five Day of Conference held by ATRIA University on the topic 'FDP-Research Writing in High Quality International Conference' held on 10<sup>th</sup> August 2020 to 14<sup>th</sup> August 2020.
- Participated in the "10th Annual conference of ADMA & Graph Theory Day" held from 10<sup>th</sup> to 13<sup>th</sup> June 2016 at REVA Institute of Technology & Management, Bangalore.
- Participated in the Conference in REVA University on the topic 'Art of writing Research Papers and Project Proposals'.

### **SOFTWARE SKILLS:**

Microsoft Office, Micro Power point, Mathematica, Matlab.

### **ACHIEVEMENTS:**

- Attended and participated during the inspection of **LIC Committee** visit at Huda National Degree College in April 2021.
- Attended the Conference of **National Educational Policy-2020** conducted by Government of Karnataka in March 2021.
- Attended as examiner for Mathematics Practical Exam Conducted by Bangalore North University in June 2021.

### **REFERNCES:**

1. Professor Hanumagowda B.N, Ph.D., Guide, School of Applied Sciences, REVA University, India. (email: [hanumagowdabn@reva.edu.in](mailto:hanumagowdabn@reva.edu.in) ;Mobile: +917760558562).
2. Dr. Mahalakshmi, Ph.D., Colleague, Assistant Professor of Mathematics, REVA University, India. (email: [mahalakshmi4131@gmail.com](mailto:mahalakshmi4131@gmail.com); Mobile: +919731904131).
3. Mr. Inyathulla, Principal, Huda National Degree College, India. (email: [inyathulla221@gmail.com](mailto:inyathulla221@gmail.com); Mobile: +9199016 94906).
4. Mr. Fairoz Khan, Brother, Assistant Manager–Administration, RAK Medical & Health Sciences University, Ras Al Khaimah, UAE. (email: [fairoz@rakmhsu.ac.ae](mailto:fairoz@rakmhsu.ac.ae); Mobile: +971504876185).

*Noorjaha*

To

The HR

Respected Sir

**Subject: My CV for the Higher Secondary School - Mathematics**

With reference to the above subject, I would like to mention here that I have completed my Ph.D. in Mathematics in Feb 2020 and I would be very glad to work under your guidance and leadership in your esteemed School.

Kindly find my CV too along with my covering letter.

I would be happy to join your esteemed organization and to teach in a simplified manner so that students love Mathematics without fear and anxiety.

Thanking you and with best regards

Noor Jahan

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