

Details of Faculty Members

Name: Farina Shaheen

Designation: Faculty Member

Department: Department of Biotechnology

Qualifications: M. Sc. (Biochemistry), B. Sc. (Biotechnology), B. Ed.

Specialization in teaching: Biochemistry
Genetic Engineering
Immunology
Biophysics
Plant Biotechnology

Correspondence Address: D/o, Mr. Shaheen Parwaiz, Road No.: 17, New Karimganj, P. S.: Civil Lines,
Gaya, Bihar. PIN Code: 823001

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Email ID: farina.shaheen7@gmail.com

Activities in Research & Academic fields: Two (2) years of teaching experience

Profile

Farina Shaheen, born on **20th December 1988** in Gaya Town, Bihar, is a very passionate and hard-working teacher/faculty. She did her schooling from **DAV Public School, Gaya, Bihar** (affiliated to CBSE, New Delhi). She completed her **Senior Secondary (10th)** and **Higher Secondary in Biology (12th)** in the year **2004** and **2006** respectively. Subsequently, she graduated with **Bachelor of Science (B. Sc.)** degree in Biotechnology from **Mirza Ghalib College, Gaya, Bihar** (affiliated to **Magadh University, Bodh Gaya, Bihar**) in the year **2011**. After that she successfully achieved her **Master of Science (M. Sc.)** degree in Biochemistry from **Jamia Hamdard University, New Delhi** in the year **2013**.

She started her professional career in the year **2018**, by becoming a guest/visiting faculty in the Department of Biotechnology at her alma mater (Mirza Ghalib College, Gaya, Bihar). She has been teaching passionately since day one and within no time she has built good rapport with her seniors & colleagues and students as well.

Farina brings with her - dedication, energy, and positive attitude. She values the importance of concept and hence, leaves no stone unturned to get her points through to the students. She is easily approachable and always up for any task/assignment. She strongly believes in the philosophy of knowledge-transfer & knowledge-sharing and practices the same diligently.

Farina, in her leisure time, likes to be with her family & friends. She loves kids and experiments with her cooking skills.

Curriculum Vitae

Name: Farina Shaheen
Father's Name: Shaheen Parwaiz
Mother's Name: Kishwar Shaheen
Date of Birth: 20th December 1988
Nationality: Indian
Marital Status: Married



Educational Qualifications:

<i>Particular</i>	<i>University/Board</i>	<i>College/ School</i>	<i>Marks (%)</i>
M. Sc. (Biochemistry)	Jamia Hamdard University, New Delhi	Jamia Hamdard, New Delhi	72.32
B. Sc. (Biotechnology)	Magadh University, Bihar	Mirza Ghalib College, Gaya	64.40
12 th	CBSE, New Delhi	DAV Public School, Gaya	66.16
10 th	CBSE, New Delhi	DAV Public School, Gaya	79.40

Lab Skills:

- Qualitative analysis of biomolecules
- Chromatographic Techniques – basically Paper Chromatography & Thin Layer Chromatography
- Preparation of Buffers and Determination of pH
- Western Blotting
- Sterilization Techniques
- Preparation of Culture Media
- Isolation of RNA and separation on Agarose gel
- Isolation of Plasma DNA, Digestion by restriction endonuclease and separation of restriction fragments by agarose gel electrophoresis
- DNA/ RNA Blotting Techniques
- Bacterial Transformation Techniques
- Protein Purification/ Isolation
- Polyacrylamide gel electrophoresis of the purified protein in presence or absence of SDS