



Name: Shikha Sharma

Address: H. No. 163, Ravindar Nagar- A, Jagatpura, Jaipur, Rajasthan

Contact No. 8619347509

E-mail: 07shikhasharma@gmail.com

### ▼ Objective

- Looking forward to where I can utilize my knowledge and experience to achieve excellence for the bright future of students and organization.

### ▼ Academic Qualification

| S.No. | Exam/Degree                                | Year                                | Board/University                 |
|-------|--|-------------------------------------|----------------------------------|
| 1.    | Doctor of Philosophy (PhD) in Physics      | Pursuing<br>(course work completed) | Manipal University Jaipur        |
| 2.    | Master of Philosophy (M. Phil.) in Physics | 2009                                | University of Kota               |
| 3.    | Master of Science (M.Sc.) in Physics       | 2008                                | Banasthali Vidyapith, Banasthali |
| 4.    | Bachelor of Science (B.Sc.) in PCM         | 2006                                | University of Kota               |
| 5.    | Senior Secondary (XII)                     | 2002                                | CBSE                             |
| 6.    | Secondary (X)                              | 2000                                | CBSE                             |

## ▼ Working Experience

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[From July 2016]

[Lecturer] [Lecturer in Physics Department] [S. S. Jain Subodh Girls P. G. College, Sanganer, Jaipur]

[From February 2011 to July 2014]

[Physics Faculty] [Physics Faculty] [Yukti Education Private Ltd, Pune (Maharashtra)]

[From May 2009 to Jan 2011]

[Physics Faculty] [Physics Faculty] [Motion IIT-JEE, Kota (Rajasthan)]

[From July 2008 to April 2009]

[Physics Teacher] [Physics Teacher] [Vidya Mandir Sr. Secondary School, Kota (Rajasthan)]

[This is the place for a brief summary of your key responsibilities and most stellar accomplishments.]

## ▼ Publications

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### 1. Book /Book Chapter

| Name of Book | Publisher | ISBN NO. | year | Chapter No. |
|--------------|-----------|----------|------|-------------|
|              |           |          |      |             |
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### 2. Paper Publications

| Title | Journal Name | ISBN NO./ISSN No. | Volume | Page No. | Year |
|-------|--------------|-------------------|--------|----------|------|
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▼ **Paper presentation in Seminar/ Conference/Workshop**

**1. International**

| S.No. | Title of paper   | Name of Seminar/ Conference/Workshop   | Year |
|-------|--|--|------|
| 1     | Effects Of magnetic field in terahertz radiation generation by Gaussian LASER pulses in the plasma ” | International Conference on Plasma Science and Applications (ICPSA-2020)                                       | 2020 |
| 2     | Gaussian laser pulse driven terahertz radiation in Plasma  | Plasma theory and simulation (PTS)   | 2020 |
| 3     | Renewable Energy Resources: Way towards Sustainable Development                                      | ICSRMP-2021  | 2021 |
| 4     | Role of Plasma as non-linear medium to fill the thz Gap  | New normal in India: Development and dimensions multidisciplinary international conference                     | 2021 |
| 5     | Structural and Optical Characteristics of $\text{HgSiP}_2$ Chalcopyrite: DFT                         | 3rd International Conference of Emerging Technology (INCET 2022)   | 2022 |
| 6     | A DFT Investigation of Optoelectronic Properties of $\text{CdMg}_2$ Compound at SVTDFS-2022,         | 2ND INTERNATIONAL CONFERENCE ON STARTUP VENTURES: TECHNOLOGY DEVELOPMENTS AND FUTURE STRATEGIES (SV-TDFS 2022) | 2022 |
| 7     | Innovation in generation of THZ radiation by laser plasma Interaction.                               | ZENITH 2022  | 2022 |

**2. National**

| S.No. | Title of paper  | Name of Seminar/ Conference/Workshop   | Year |
|-------|---|--|------|
| 1     | Structural and Optical Characteristics Of $\text{BeSiN}_2$ Chalcopyrite | Recent advancement in Physical Science | 2021 |

## ▼ Awards and Achievements

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### 1. International

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### 2. National

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## ▼ Orientation/ Refresher course

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**Orientation Programme** Teaching Learning Centre, Ramanujan College, University of Delhi, Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from June 26 - July 24, 2020 and obtained grade A+

**Refresher Course** Teaching Learning Centre, Ramanujan College, University of Delhi, REFRESHER COURSE/FACULTY DEVELOPMENT PROGRAMME on "Managing Online Classes & Co- Creating MOOCS (Level 2)" from 02 - 16 June, 2021 and obtained Grade A+.

## ▼ Others

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**FDP-E & ICT Academy**, IIT Kanpur (A Joint Initiative of MeitY & IIT Kanpur) completed the Faculty Development Program on Advanced Excel With Data Visualization from 20th July 21 to 25th July 21.

**Certificate Course** Digital teaching techniques from 24 Jan -28 Jan 2022

## ▼ Subject Specialization

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- Condensed Matter Physics
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## ▼ Personal Detail

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- Date of Birth: 07.12.1983
  - Marital Status: Married
  - Husband's Name: Mr. Rakesh Vyas
  - Language Proficiency: English and Hindi
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I hereby declare that all the information contained in this resume is in accordance with facts or truths to my knowledge.

Date: 09-07-2022

(Shikha Sharma)

Place: Jaipur



Committed to Excellence