

## CURRICULUM VITAE

### **SHILENDRA KUMAR THAKUR**

Address: 776-Z, RamJanki Nagar

Basharatpur, Gorakhpur

Uttar Pradesh

Pin Coed: 273004

Mobile: +91 9198456540

E-mail: [sktup\\_in@rediffmail.com](mailto:sktup_in@rediffmail.com)



### **OBJECTIVE:-**

To use my overall knowledge and skill acquired by learning and through experience to bring perfection in my work and thereby serving for the growth and development of the organization.

### **TEACHING EXPERIENCE:-**

No of years	Organisation	Designation	Job responsibilities	Any other relevant information
1991-1997			Preparation for civil services	Private tutor to students of graduate level.
1997-2003	Co-operative Inter College Gorakhpur	Physics Teacher(contract basis)		Also continue the preparation for civil services
September 2005-till July 2011	St. Josephs College For Women, Civil Lines, Gorakhpur (UP)	Lecturer	Teaching Physics Graduate level	I established the B.Sc. 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> physics labs. Also worked as examination controller.
21, July 2011 upto 10 <sup>th</sup> May 2012	SMS Institute of technology, Lucknow	Lecturer	Teaching Applied Physics	
July 2012 upto April 2014	Blossom Sr. Sec. School	Subject specialist (Physics)	Teaching Physics	
April 2014 up to till the Date	Geeta International Public School	Subject specialist (Physics)	Teaching Physics	

### **SUBJECTS OF INTEREST: -**

I calculate the properties of molecular systems through Molecular Mechanics, Quantum Mechanics and Molecular Dynamics. The area of research interest is liquid crystals and prediction of liquid crystal material properties by ab initio quantum mechanical methods.

### PROFESSIONAL & ACADEMIC QUALIFICATION:-

Year of passing	Qualification	Specialisation or Subjects	School / College / University / Institute	Total marks %	Any other relevant information
1983	High School	Science	M.P.Inter College,Gorakhpur	71	
1985	Intermediate	Science	M.P.Inter College,Gorakhpur	64	
1987	Graduation	Physics, Chemistry, Mathematics.	Gorakhpur University Gorakhpur (UP) India	55	
1989	Post graduation	Physics	Gorakhpur University Gorakhpur (UP) India	63	Session was late for two years.
1991	GATE	Physics			81.4 (PERCENTILE)
2011	Ph.D.	Liquid Crystals	Gorakhpur University Gorakhpur (UP) India		Date of enrolment : April 5 <sup>th</sup> , 2003

#### **PhD:**

**Title of thesis:** “Studies in some aspects of self organization of molecular systems.”

#### PERSONAL DETAILS

#### OTHER ACHIEVMENT:

- ❖ Worked as the **Programme officer** for NSS in St. Joseph’s College for Women Civil Lines, Gorakhpur (UP).
- ❖ Organised a physics **Seminar** on **“Current Dimensions of Physics”** at St. Joseph’s College for Women Civil Lines, Gorakhpur (UP) in November 2010.
- ❖ **Publications:**
  1. Estimation of mesogenic character of disubstituted pyridine derivatives on the basis of intermolecular interaction energy calculations, **J. Molecular Liquids**, 161(2011),55-62.
  2. Disappearance of nematic phase of 2,5 disubstituted pyridine derivatives by changing the position of nitrogen in pyridine : Quantum mechanical explanation , **Mol. Cryst. Liq. Cryst**, 548 (2011) 192–208.
  3. A Comparison of pair potential for some polar and non-polar mesogenic molecules. **Mol. Cryst. Liq. Cryst.** 662(2012)28-42.
  4. The phase morphology of 2,5 di-substituted pyridine derivatives : A quantum mechanical analysis **Mol. Cryst. Liq. Cryst.**588 (2014) 28-40.

5. An effort to study of phase transition temperature of some selected 2,5 pyridine derivatives by quantum mechanics *Mol. Cryst. Liq. Cryst. (in Press)*


❖ **Conference Attended:**

1. 16<sup>th</sup> National Conference on **Liquid Crystals**, 26-28 Oct. 2009 Department of Physics **University of Lucknow , Lucknow (UP)**
2. 2<sup>nd</sup> National Conference on **Nanomaterials & Nanotechnology**, 21-23 Dec. 2009 Department of Physics **University of Lucknow , Lucknow (UP)**.
3. 11<sup>th</sup> International Conference of the International Academy of Physical Sciences, 20-22 Feb. **University of Allahabad, Allahabad (UP)**
4. **Seminar on Current Dimension of Physics at St. Joseph's College For Women, Gorakhpur UP (India)**
5. Given an **invited lecture in workshop** entitled "**Computational methods in Physical, Geological Modelling and Drug Designing**" jointly organised by National Centre of Experimental and Mineralogy and Petrology, **University of Allahabad and The National Academy of Sciences**, India Sept. 29 to Oct. 01, 2011.
6. Given a **contributory lecture in conference** organised by **M B Govt. P G College Haldwani, Nanital** Uttrakhand INDIA Nov 3-4, 2012.
7. 21<sup>st</sup> National Conference on **Liquid Crystals**, 10-12 Nov. 2014 Department of Physics VSSD College, CSMU Kanpur **(UP)**

Date of Birth	10 July 1969
Marital Status	Married, have two children.
Sex	Male
Father's Name	Shri Tribhuwan Nath Thakur
Mother's Name	Smt. Rekha Thakur
Language Proficiency	English, Hindi

**DECLARATION**

I hereby declare that all the information mentioned here are to the best of my knowledge and belief.



Date: 20:05:15

**Shailendra Kumar Thakur**

Place: Gorakhpur