

C.V.

1. **Name** : Dr. Vinod Kumar Singh
2. **Father's name** : Late Satish Prasad Singh
3. **Date of Birth** : 02-01-1964



4. Address:

Office:

Dr. Vinod Kumar Singh
Department of Applied Physics
Indian School of Mines
Dhanbad 826 004 (Jharkhand)
Tel: +91-326-2235641 (Ch.), 09471191037 (M)
Fax: +91-326- 2296563
Email: vksinghism@yahoo.com, singh.vk.ap@ismdhanbad.ac.in

Residence: C/3 (Old)
Near Senior Academic Hostel
Indian School of Mines
Dhanbad 826 004 (Jharkhand)
[Tel:+91-326-2235741\(R\)](tel:+91-326-2235741)

5. Educational qualifications:

Degree (examination passed)	Year of passing	Subjects	Universities /Institutes	Div./ Class
M. Sc. (PHY)	1988	PHYSICS	Bhagalpur University	Ist
M. Phil. (App. Physics)	1990	Applied Physics	ISM Dhanbad	Ist
Ph. D.	2000	X-ray Spectroscopy	ISM Dhanbad	

6. Work Experience:

- a Teaching since year 2001 and published 31 nos. of research papers on different journals and conferences.
- b Completed one Minor Research Project of “Fabrication and Characterization of Erbium Doped Fiber Laser”
- c Guided three M. Phil. and five M. Sc. students in their project work
- d Guided one Ph. D. student

7. Area of Research:

Electronics, Photonic Crystal Fiber, Optical Fiber Laser

8. Organiser :

1. Organised “Innovation in Science Pursuit for Inspired Research” INSPIRE Science camp during 28 Dec’10-1Jan’11 in ISM Dhanbad as Co-Coordinator
2. Organised “National Seminar on Photonics and Materials” (NASPAM-2010) during 23-25 March,2010 in the Department of Applied Physics, ISM Dhanbad, Jharkhand as Co-Convener
3. Organised “Innovation in Science Pursuit for Inspired Research” INSPIRE Science camp during 6-10 April’ 2010 in ISM Dhanbad as Co-Coordinator
4. Chaired one session of International Symposium on Photonics and Optoelectronics (SOPO-2011) held in Wuhan, China during 16-18 May, 2011.

9. Ongoing Project:

Sl. No.	Title	Funding Agency	Amount in ₹ Lakh
1.	Design of Photonic Crystal Fiber based Multi-parameter sensor	I S M Dhanbad	5.40
2.	Photonic Crystal Fiber : Designing and characterization for applications in optical communication & sensors	University Grant Commission	9.54

10. Professional Membership:

1. Professional Life Membership of Indian Society for Advancement of Materials and Process Engineering (ISAMPE)

11. Courses Handled:

- | | | |
|------------------------------------|---|---|
| 1. Modern Physics | : | 1 st Yr. B. Tech. |
| 2. Waves and Oscillation | : | 5 Yr. M. Sc. Integrated (APH, AGP, MAC) |
| 3. Atomic and Molecular
Physics | : | 2 Yr. M. Sc. (APH) |
| 4. Laser Physics | : | 2 Yr. M. Sc. and 1 Yr. M. Phil. (APH) |
| 5. Quantum Mechanics | : | 2 Yr. M. Sc. |
-

(Vinod Kumar Singh)