

# Curriculum Vitae



**Randhir Kumar**

## **Contact Information**

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## **Personal Information**

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Date of Birth – 14/12/1995  
Citizenship – Indian  
Sex – Male

## **Research Interest**

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Astronomy & Astrophysics, Optics and Photonics

## **Education**

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- BS-MS Dual Degree Programme – 2013 to present – From IISER Kolkata(CGPA=7.63)
- CBSE – 2010 from Jai Hind Public School ,Gaya with 9.8 CGPA.
- CBSE – 2012 Jai Hind Public School,Gaya with 85%.

## **Courses Taken**

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Sem and SGPA(on a scale of 10)	Physical Sciences	Mathematica I Sciences	Chemical Sciences	Biological Sciences	Earth Sciences	Computer Sciences
I 8.00	Physics I + Lab	Mathematics I	Chemistry I + Lab	Introduction to Biology I +Lab	Earth and Environmental Science I	Computer Science I (Linux, Gnuplot, Python)
II 7.44	Physics II + Lab	Mathematics II	General Physical	Introduction to Biology II	Earth System Processes	Computer Science II(Python)

			Chemistry + Physical and Theoretical Chemistry Lab	+ Lab		
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	Physical Sciences			Mathematical Sciences			Chemical Sciences		
<b>III</b> 7.42	Physics III	Physics Lab	Electricity and Electronics	Linear Algebra	Real Analysis I	Foundatio n I	Inorganic Chemistry I	Quantam Chemistry I	Inorganic & Spectroscopy Lab
<b>IV</b>	Physics IV	Physics Lab	Thermal Physics	Probability and Statistics	Analysis II	Foundatio n II	Organic Chemistry	Fundamentals of Spectroscopy	Synthesis & Characterization Lab

## Honours and Awards \_\_\_\_\_

- Academic
  - Ranked in **96.0 percentile** in the prestigious **Indian Institute of Technology Joint Entrance Exam (IIT-JEE) - 2013**.
  - Ranked in **98.0 percentile** in the **West Bengal State Entrance Exam (WBSEE)- 2013**
  - Student Of **Magadh Super-30**, Gaya(2010-2012)
- Scholarships
  - Received the **Innovation in Science Pursuit and Inspired Research Fellowship Grant** from **Department of Science and Technology**, Govt. of India (August, 2013 –ongoing).

## IT Skills \_\_\_\_\_

- **Programming Languages:**  
Python, HTML
- **Other Packages:**  
Gnuplot, Origin
- **Operating Systems:**  
Linux, Windows

## **Seminars and Conference Attended** \_\_\_\_\_

- Organised and attended **Asia Student Photonics Conference, 2014** funded by **SPIE**, held at Kolkata and saw participations from 10 Asian Countries and speakers around the Globe.

## **Extracurricular Activities and Positions of Responsibility** \_\_\_\_\_

- **Treasurer** SPIE Student Chapter IISER Kolkata.
- Volunteered in an Asian level event **Asia Student Photonics Conference, 2014** held at Kolkata.
- Volunteered in **National Science Camp, Vijyoshi – 2014**.
- Co-ordinated outreach activities of SPIE Student Chapter IISER Kolkata, in the nearby regions of Kolkata

## **Other Interests** \_\_\_\_\_

Cricket, Table Tennis