

# Arjun Jain | Curriculum Vitae

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🌐 www.arjunjain.in, www.johnruskinmanufactory.co.in

*As until August 2017*

## Academics

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**Indira Gandhi National Open University (IGNOU)** **New Delhi, India**  
*Certificate in Russian language* *February 2017 to June 2017*

**Central St. Martins, University of the Arts London (CSM)** **London, United Kingdom**  
*Post graduate certificate (MA in Art and Science)* *September 2015 to October 2016*

**Indian Institute of Technology, Roorkee (IIT Roorkee)** **Roorkee, Uttarakhand, India**  
*Integrated MSc. Physics* *Graduated in 2014*  
C.G.P.A., 8.180 out of 10. Specialised in nuclear physics.

**G.D.Goenka Public School, Vasant Kunj** **New Delhi, India**  
*Senior School (C.B.S.E)* *Graduated in 2009*  
*Class X<sup>th</sup>: 93.6% , Class XII<sup>th</sup>: 82.6%, 86% (PCM)*

## Experience (General)

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**Proprietor** **London, United Kingdom; New Delhi, India**  
*John Ruskin Manufactory* *August 2016 to present*  
-An attempt to put into practice, sincerely, without compromise, the economic ideas of John Ruskin, Leo Tolstoy, and Mahatma Gandhi. As a first project, the construction and development of a private printing press.  
Website: www.johnruskinmanufactory.co.in

**Coil winder; general workman; labourer** **New Delhi, India**  
*Teen Murti Electronics, Okhla Industrial Area* *May, June 2015; November 2016 to present*  
-Worked on a benchtop, semi-automatic coil-winding machine. Various other jobs within the factory.

**Cleaner** **London, United Kingdom**  
*Wembley stadium* *October 2016*  
-Part of the overnight housekeeping staff.

**Lumberman** **Yasnaya Polyana, Russia**  
*State Leo Tolstoy Museum-Estate* *August 16<sup>th</sup> to September 16<sup>th</sup> 2016*  
-Cut felled trees into logs, loaded onto tractors.

## Web-designer

Using Wordpress

Ongoing

-Have designed, and in the case of the first two currently maintain: [www.arjunjain.in](http://www.arjunjain.in), [www.johnruskinmanufactory.co.in](http://www.johnruskinmanufactory.co.in), [arjunjainblog.wordpress.com](http://arjunjainblog.wordpress.com), and [www.catweatherill.co.uk](http://www.catweatherill.co.uk).

## Waiter

Vantra Vitao, Oxford Street

London, United Kingdom

May 1<sup>st</sup> to June 16<sup>th</sup> 2016

-Managed the till, waited tables, worked at the bar. Vegan restaurant.

## Experience (Writing)

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Prose.....

### The Moral Question; or, Duties to One's Selves

New Delhi, India

John Ruskin Manufactory

Written, Published, in 2017

-'An essay, advancing a greater need of poetical consistency in one's philosophy; in particular, by way of attempting to arrive at solutions to the problems of old age and domestic felicity, a clarification of one's relations to, or the scope of one's duties towards, those presently most pressingly resembling aspects of one's world, namely one's family and one's nation.'

Available at [www.johnruskinmanufactory.co.in/books](http://www.johnruskinmanufactory.co.in/books).

Poetry.....

### Prudence and Jurisprudence

London, United Kingdom

John Ruskin Manufactory

Written, Published, in 2016

-'A work in verse and prose, consisting principally of the poem, 'Farewell, Britannia', on an instance of seemingly insurmountable inequality, with questionable origins, from the point of view to whom it is subjected; in particular, the consideration of the issue of deprivation of freedom of movement, or visa restrictions, with an aim of arriving at an individual position on the matter, and an appropriate response in light of it.'

Available at [www.johnruskinmanufactory.co.in/books](http://www.johnruskinmanufactory.co.in/books).

Art.....

### Art Manifesto

Various

In serial form, in 7 parts.

2014-2016

Available to read at [www.arjunjain.in](http://www.arjunjain.in)

## Experience (Visual Art)

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Drawings and Paintings.....

### Solitude! If I must thee accept

London, United Kingdom

Watercolour on paper, 56 x 37.5 cm

February 2016

-Part of the 'What then must we do' series. Available to view, with description, at [www.arjunjain.in](http://www.arjunjain.in).

### Philosophy

London, United Kingdom

Watercolour on paper, 56 x 75 cm

January 2016

-Part of the 'What then must we do' series. Available to view, with description, at [www.arjunjain.in](http://www.arjunjain.in).

- The Tremble in Soul of an Idealist** **New Delhi, India**  
*Watercolour on paper, 54.7 x 37 cm* October 2015  
 -Part of the 'What then must we do' series. Available to view, with description, at [www.arjunjain.in](http://www.arjunjain.in).
- Cotton Fields at Sunset** **New Delhi, India**  
*Charcoal on paper, 36.2 x 55.7 cm* October 2014  
 -Part of the 'What then must we do' series. Available to view, with description, at [www.arjunjain.in](http://www.arjunjain.in).
- An Almanac of Understanding** **Roorkee; New Delhi, India**  
*Ink on paper, 54 x 143 cm* 2009-2014  
 -Part of 'The Classwork Series'. Available to view, with description, at [www.arjunjain.in](http://www.arjunjain.in).
- When the Levee Breaks** **Roorkee; New Delhi, India**  
*Ink, graphite on paper, 56.8 x 47.2 cm* 2011-2014  
 Part of 'The Classwork Series'. Available to view, with description, at [www.arjunjain.in](http://www.arjunjain.in).
- Metamorphoses of Interpretations** **Roorkee; New Delhi, India**  
*Ink, watercolour, acrylic on paper, 55.5 x 70.5 cm* 2009-2014  
 Part of 'The Classwork Series'. Available to view, with description, at [www.arjunjain.in](http://www.arjunjain.in).
- Flight by Nightfall** **Roorkee; New Delhi, India**  
*Ink, watercolour, acrylic on paper, 55.5 x 70.5 cm* 2009-2014  
 Part of 'The Classwork Series'. Available to view, with description, at [www.arjunjain.in](http://www.arjunjain.in).
- The (In)Significance of History** **Roorkee; New Delhi, India**  
*Ink, watercolour on paper, 55.5 x 70.5 cm* 2009-2014  
 Part of 'The Classwork Series'. Available to view, with description, at [www.arjunjain.in](http://www.arjunjain.in).
- Water, Water Everywhere, nor any Drop to Drink** **Roorkee; New Delhi, India**  
*Ink on paper, 66.5 x 56 cm* 2009-2014  
 Part of 'The Classwork Series'. Available to view, with description, at [www.arjunjain.in](http://www.arjunjain.in).
- Self Portrait: Here and There and Almost Everywhere** **Roorkee; New Delhi, India**  
*Graphite on canvas, 30.5 x 40 cm* 2010-2013  
 Part of 'The Classwork Series'. Available to view, with description, at [www.arjunjain.in](http://www.arjunjain.in).

Exhibitions and Invigilations.....

- Interim Show, University of the Arts London** **London, United Kingdom**  
*The Laundry, Warburton Road* March 17<sup>th</sup> to March 20<sup>th</sup> 2016  
 -Group exhibition; displayed watercolour, 'Philosophy', part of the 'What then must we do' series.

- West Land** **London, United Kingdom**  
*The Pop-Up Gallery, Eaton Mews North* December 3<sup>rd</sup> to December 13<sup>th</sup> 2015  
 -Gallery invigilation. Cultural programme as part of the Paris Climate 2015 conference, ArtCop21.

- The Classwork Series** **New Delhi, India**  
*India Habitat Centre, Lodhi Road* July 1<sup>st</sup> to July 31<sup>st</sup> 2015  
 -Solo exhibition. Displayed 7 works, in primarily ink.

- The Classwork Series** **New Delhi, India**  
*Alliance Francaise De Delhi, KK Birla Marg, Lodi Estate* May 22<sup>nd</sup>, 23<sup>rd</sup> 2015  
 -Solo exhibition. Displayed 7 works, in primarily ink.

## Experience (Physics and Mathematics)

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- Independent, online.....
- o Articles on various subjects, on previously maintained academic weblog, available at <http://arjunjainblog.wordpress.com/>.
  - o **Zorn's Lemma**, An elementary proof under the Axiom of Choice, available at <http://arxiv.org/abs/1207.6698>.
  - o Articles on **Network theory**, on Prof. John Baez's blog of the Azimuth Project:
    1. Entitled 'Coherence for Solutions of the Master Equation, available at <http://johncarlosgbaez.wordpress.com/2013/07/10/coherence-for-solutions-of-the-master-equation/>
    2. Entitled 'The Large-Number Limit for Reaction Networks (Part 3)', available at <http://johncarlosgbaez.wordpress.com/2014/10/08/the-large-number-limit-for-reaction-networks-part-3/>
  - o Contributions in discussions, and solutions to problems, for the book **A Course on Quantum Techniques for Stochastic Mechanics** by John Baez and Jacob Biamonte. Available, currently, at [http://math.ucr.edu/home/baez/stoch\\_stable.pdf](http://math.ucr.edu/home/baez/stoch_stable.pdf).

### Masters Projects.....

**Prof. Rajdeep Chatterjee** **Roorkee, Uttarakhand, India**  
*Associate Professor, Department of Physics* *January 2014 to May 2014*  
IIT Roorkee  
-On the 'Application of the Lagrange Mesh Technique and the Complex Scaling Method in Quantum Scattering Theory'.

**Prof. Rajdeep Chatterjee** **Roorkee, Uttarakhand, India**  
*Associate Professor, Department of Physics* *January 2014 to May 2014*  
IIT Roorkee  
-On an 'Introduction to the Classical and the Quantum 3-body problems.'

### Internships.....

**Prof. John Baez** **Singapore**  
*Professor, Department of Mathematics* *June 20<sup>th</sup> to July 20<sup>th</sup> 2013*  
University of California, Riverside (UC Riverside)  
-On stochastic processes appearing in chemistry, and how mathematical techniques from quantum theory can be used to study these, along with studying the large number limit of these stochastic processes.

**Prof. Ajit Iqbal Singh** **New Delhi, India**  
*Senior Scientist, Indian National Science Academy (INSA)* *May 15<sup>th</sup> to July 18<sup>th</sup> 2012*  
Indian Statistical Institute, Delhi (ISI Delhi)  
-On set theory; along with a study of finite dimensional vector spaces, symmetric differences, and Benford's law.

**Dr. Joby Joseph** **New Delhi, India**  
*Professor, Department of Physics* *June 1<sup>st</sup> to June 15<sup>th</sup> 2011*  
IIT Delhi  
-On the recording and reconstruction of holograms.

Programmes attended.....

**Vijyoshi Camp 2010**

*Indian Institute of Science (IISc)*

**Bangalore, India**

*December 4<sup>th</sup> to December 6<sup>th</sup> 2010*

-Series of lectures on science as part of the KVPY fellowship.

**Summer Programme, KVPY**

*Indian Institute of Science Education and Research IISER Mohali)*

**Chandigarh, India**

*May 31<sup>st</sup> to June 5<sup>th</sup> 2010*

-Series of lectures on science as part of the KVPY fellowship.

**Fellowships and Awards**

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**KVPY**

*Instituted by the Department of Science and Technology, Govt. of India*

*2010 to 2014*

-National fellowship for students interested in research in the sciences.

**INSPIRE**

*Instituted by the Department of Science and Technology, Govt. of India*

*2009*

-National scholarship for students studying science in an Indian Institute of Technology.

**Standard Examination in Physics**

*Awarded by the Indian Association of Physics Teachers,*

*2008*

-Stood among the top 1% in the state of Delhi.

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References available on request