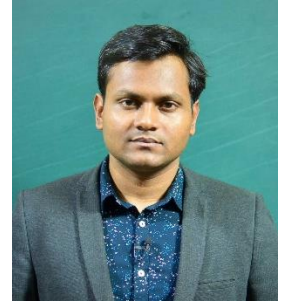


CURRICULUM VITAE

PERSONAL DETAILS

Name: **Dibyajyoti Das**
Date of Birth: 30/11/1987
Nationality: Indian
Gender: Male
Address: House 47 (Third Floor), AB Block, Shalimar Bagh
Delhi - 110088,
(India) Phone: +91 9717252188
Email: dj09das@gmail.com



Languages known: English, Hindi, Assamese, Bengali

EDUCATIONAL QUALIFICATIONS

Matriculation:

Subject: Science, Mathematics, Social Sciences, English, Hindi
Year: 2004
Institute: Kendriya Vidyalaya Nagaon, Assam
Board: CBSE

Higher Secondary School:

Subject: Physics, Chemistry, Maths, Biology, English
Year: 2004-2006
Institute: Kendriya Vidyalaya Nagaon, Assam
Board: CBSE

Graduation:

Subject: B.Sc (Hons.) Physics
Year: 2006-2009
Institute: Hans Raj College, University of Delhi

Post-Graduation:

Subject: M.Sc. Physics 2yr
Year: 2009-2011
Institute: Indian Institute of Technology Kanpur, Kanpur

PROJECTS:

Masters 2nd yr. Experimental Project:

Title: **Optical Tweezers**

Lab: Femtosecond Laser Lab
Indian Institute of Technology Kanpur
<http://home.iitk.ac.in/~dgoswami/>

Supervisor: Dr. Debabrata Goswami , Department of Chemistry
Indian Institute of Technology Kanpur

Duration: July 2010- April 2011

Nature
of Work: Experimental

Masters Summer Project:

Title: **Anomalous Diffusion in Two-Dimensional Nanoparticle Monolayer**

Lab: Soft Nano Materials Physics Group
<http://www.physics.iisc.ernet.in/~basu/>

Supervisor: Dr. Jaydeep Basu, Department of Physics
Indian Institute of Science, Bangalore

Duration: May-July 2011

Nature
of Work: Experimental + Simulation

Project:

Title: **Scanning Tunnelling Microscopy – Numerical Simulation and study of Field Emission Resonances**

Supervisor: Dr. D. Sahdev, Department of Physics, Indian Institute of Technology Kanpur
http://www.iitk.ac.in/phy/New01/profile_DS.html

Duration: July-Nov 2011

Nature of Work: Simulation

Project:

Title: **Ab Initio study of the Surface Reconstruction of Silicon**

Supervisor: Dr. Rajendra Prasad, Department of Physics
Institute of Technology Kanpur
<http://home.iitk.ac.in/~rprasad/>

Duration: July-Nov 2011

Nature of Work: Simulation

Computer: VASP (Vienna Ab-Initio Simulation Package)

Workshops and Conferences:

- National Symposium of “**Indian Physics and Mega Projects: Research on Frontiers**” conducted by D S Kothari Centre for Research and Innovation in Science Education, Miranda House, University of Delhi, 2-3 Feb, 2009
- Workshop on “**Solid State Materials and Devices**”, Solid State Physics Laboratory, Timarpur, Delhi, 22 June - 10 July, 2009
- Workshop on “**Fluorescence Studies of Organic Structures**” held on September 26-27, 2014 at Department of Physics & Electronics, Hans Raj College, Delhi University.
- Workshop on “**Characterization of Materials by X-Ray Diffraction**” held on February 23-24, 2016 at Department of Physics & Electronics, Hans Raj College, Delhi University.
- One-day workshop on “**Observing nuclear processes from Zeptosecond to Picosecond timescale**”, IUAC-NASI, Feb. 18, 2017
- One-month **Texas Instruments Summer Internship Programme on Microcontroller based Embedded System Design** at NSIT, Delhi from 6th June – 5th July 2016

Additional Academic Involvements:

- Supervisor of *Innovation Project* titled "**Device For Uniquely Abled (DUA)**" along with mentor, Dr. Dhananjay Gadre, NSIT, and 10 students from Computer Sc Dept., Hans Raj College, from June 2015-2016
- Participated as Mentor of 10 students of Hans Raj College in **Gyanodaya V - Dharohar the Glory of the Northeast**, held 18-30th December 2014, for conducting the project titled "*Handloom Industry in North Eastern States*"
- Mentor of project "**Simulation of Quantum Tunneling Problem**" under DBT Star College Programme with 6 students from Physics and Electronics Dept, March 2017-present
- Created an online academic website, **8PHYSICS.COM**, to encourage students and teachers to discuss academic problems related to Physics, Maths and Sciences, and provide a scope for e-learning and learning outside classrooms. The online platform is live since June 2016 and has grown considerably. Currently it has been closed.
- Started a Youtube channel devoted to lectures on Physics, called - **For The Love of Physics**, since April 2017, for encouraging e-learning, which currently has over 40,000 subscribers

Additional Non Academic Involvements:

- Member of Placement Cell, Hans Raj College, 2016-present
- Member of North East Cell, Hans Raj College, 2016-present
- Member of Music and Dance Society, Hans Raj College, 2017
- Performed in a Play "Chekhov Ki Duniya" based on short stories of Anton Chekhov, by teachers, in Hans Raj College Auditorium, on 24th March 2016
- Participated in a friendly Cricket match between faculties of Science v/s Humanities on March, Hans Raj College, 2016

Proficiency in Computational Softwares and Languages:

- MATLAB
- SciLab
- Mathematica
- Fortran 90
- C++
- Labview
- VASP, Vienna Ab-Initio Simulation Package
- Origin, Excel and all other Computer Basics
- HTML ,CSS
- JAVA

- PHP
- MYSQL

Additional Details/ CoCurriculurs:

- Best Student Award (Vidyalaya Blue) in class 11th, 2005
- Awarded scholarship of *Jagdish Bose National Science Talent Search* 2005, Kolkata
- Knowledgeable in computer skills, both in Windows and Linux
- Running, Cycling, Swimming etc
- Musical Instruments - Guitar