



Sagnik Dasgupta

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EDUCATIONAL QUALIFICATIONS

Bachelore of Science (Research)

Aug 2014 — Present

Indian Institute of Science, Bangalore

Senior Secondary Schooling

Apr 2010 — Mar 2012

Chettinad Vidyashram, Chennai

Score: 93.4%

COURSES

Semester 1

Aug 2014 — Dec 2014

- *Introductory Physics I: Mechanics, Oscillations and Waves (2:1)*
- *Analysis and Linear Algebra I (3:0)*
- *Organismal Biology and the Molecular Basis of Life (2:1)*
- *Physical Principles of Chemistry (Quantum Chemistry) (2:1)*
- *Algorithms and Programming (2:1)*
- *Ways of Knowing: Cultural Analysis, Ethnographic Methods, Historical Analysis and Textual Analysis (3:0)*

Semester 2

Jan 2015 — Apr 2015

- *Introductory Physics II: Electricity, Magnetism and Optics (2:1)*
- *Analysis and Linear Algebra II (3:0)*
- *Microbiology, Molecular Biology and Genetics (2:1)*
- *Basic Inorganic Chemistry (2:1)*
- *Introduction to Electrical and Electronics Engineering (2:1)*
- *Ways of Seeing: Literature, Visual Arts, Films (3:0)*

Semester 3

Aug 2015 — Dec 2015

- *Introductory Physics III: Thermal and Modern Physics (2:1)*
- *Introduction to Material Science (2:0)*
- *Probability and Statistics (3:0)*
- *Cell Biology, Immunology and Neurobiology (2:1)*
- *Basic Organic Chemistry (2:1)*
- *Introduction to Earth and its Environment (2:0)*
- *Ways of Doing: Mapping Science-Society Relationships (3:0)*

PROJECT WORK

Characterisation of DLC Thin Films Synthesized by PECVD

June 2014 — July 2014

Indira Gandhi Centre for Atomic Research, Kalpakkam, India

A Short introductory project on the synthesis of DLC thin films by the process of PECVD and methods of its characterisation including Raman Spectroscopy and SEM.

Electrochemical Delamination of CVD grown Graphene

May 2015 — July 2015

Indian Institute of Science, Bangalore, India

Graphene, CVD grown on copper, needs to be transferred onto other substrates. In this project, I have looked into various methods of carrying out such transfers, in particular, electrochemical methods.

AWARDS

KVPY Fellow

Kishore Vaigyanik Protsahan Yojna

2013

NTSE Scholar

National Talent Search Examination

2010

SKILLS

- Teaching/ Presenting
- Linux
- Programming
 - C
 - C++
- CAD
- Arduino

HOBBIES

- Android
- Web Development (HTML, CSS, JS)
- Swimming
- Cycling

REFERENCES

Prof. Srinivasan Raghavan

Indian Institute of Science

E-Mail: sraghavan@cense.iisc.ernet.in

Website: <http://www.cense.iisc.ernet.in/people/faculty/vasu.htm>

Prof. P. S. Anil Kumar

Indian Institute of Science

E-Mail: anil@physics.iisc.ernet.in

Website: <http://www.physics.iisc.ernet.in/~anil/>