

# Kingshuk Mallick

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429/2, BRAHMAPUR ROAD, Flat No. - 8, kolkata-700070, West Bengal, India

## EDUCATION

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Secondary — 2007

*Future Foundation School*

Percentage/grade :-- 94.4%

higher secondary 2007 — 2009

*Future Foundation School*

Percentage/Grade :-- 93.5%

Undergraduate 2009 — 2012

*Presidency College, Calcutta university*

Percentage/Grade:-- 70%

Post-Graduate 2012 — April 2014

*IIT Bombay*

Percentage/Grade :-- 8.37/10

## EDUCATIONAL QUALIFICATIONS

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- Extensive hands on experience in static-MOKE apparatus, sputtering techniques.
- All India Rank 59 in Joint Admission Test for Msc 2012.
- GRE general score 322/340.
- Toefl score 118/120.

## PROJECTS & COURSES UNDERTAKEN

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### Summner Project :--

- Duration: may,2013 --- june, 2013.
- Institute :- SN Bose Centre For Basic Sciences
- Guide :- Dr. Anjan Burman
- Topic:- Studying Magnetization static properties in Co-Py ferromagnetic bilayers using Static MOKE apparatus.

### Institute Project :--

- Duration :- july,2013 – april, 2014
- Institute :- IIT Bombay
- Guide :- Dr. Bhaskaran Muralidharan, Co-guide :- K.G.Suresh
- Topic :- Influence of spin transfer torque on nano-magnetic devices

#### Extra Courses :-

- Optical Properties Of Nanostructured materials
- Applied Solid State Physics
- Advanced Photonics
- Quantum Information & Computing
- Physics Of Nano-electronic Devices
- Physics Of Quantum Devices

## TECHNICAL SKILLS

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- Programming languages :- C++, JAVA, Fortran 77, Python, Matlab
- Graphical software :- Originpro, Gnuplot

## EXTRA CURRICULAR ACTIVITIES

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- Sports enthusiast. Represented my department in various activities.
- Predisposed to teamwork, organization and management. Highly motivated and skilled in communication and human relation.

## REFERENCES

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- Prof. Anjan Burman, Department of Condensed Matter Physics and Material Sciences, SBNCBS, kolkata-700098, Tel:- +91-33-23355706, Email:- abarman@bose.res.in
- Prof. K.G. Suresh, Department of Physics, IIT Bombay, Mumbai-400076, Tel: +91-22-25767559, Email:- suresh@phy.iitb.ac.in
- Prof. Bhaskaran Muralidharan, Department of Electrical Engineering, IIT Bombay, Mumbai-400076, Tel: +91-22-25769411, Email- bm@ee.iitb.ac.in