CURRICULUM VITAE

TULIKA GUPTA

IIT Bombay

Mumbai-400076

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# Personal information:

Father’s Name: RATAN LAL GUPTA

Date of Birth: 16/05/1988

Sex: F

Nationality: Indian

Current Address: Room No- O-116, Hostel- 10

IIT Bombay,Mumbai-400076

Permanent Address: 93,M.G.Road, P.O.-Titagarh

Dist-24 Parganas (North)

Kol-700119

West Bengal

# Academic Record:

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| --- | --- | --- | --- | --- |
| Degree | Institute  /Board | Year of passing | Subjects | Percentage  /CPI |
| Secondary  (X std.) | W.B.B.S.E | 2004 | Ben, Eng, Maths, Phy Sc.,  Life Sc., His, Geo, Add (Bio) | 89.9 |
| Higher Secondary (XII std.) | W.B.C.H.S.E | 2006 | Ben, Eng, Maths, Phy, Chem, Opt (Bio) | 89.9 |
| B.Sc(H) | Jadavpur University | 2009 | Chem(H),  Phys, Maths, | 69.58 |
| M.Sc | Indian Institute of Technology, Guwahati | 2011 | Chem | 8.98 |
| Ph.D | Indian Institute of Technology, Bombay | Jun 2011-contd. | Computaional studies on inorganic chemistry | - |

# Achievements:

Cleared CSIR-UGC NET JUN-2011 under UGC Category with rank-74

Got PG INDIRA GANDHI SCHOLARSHIP from Govt. Of India

Got MCM scholarship from IITG

Qualified IIT-JAM with All India Rank-179

Secured rank in 10th standard board(WBBSE) exam

# Academic Training:

## Seminar courses:

* Presented Graduate seminars under supervision of Dr. Jubaraj Bikash Barua on Reaarangement of β Amino alcohols Via Aziridinium Ions in IIT Guwahati*.*
* Presented Seminar under Supervision of R.Fernandes on Molecular Spintronics based on Molecular Nano Magnets.

## Laboratory Courses:

* Prepared several Transition metal complexes and a few organometallic compounds, Involved in multi-step syntheses of Organic compounds, Natural product extraction and Chromatographic separations, Characterization was doneby volumetric and/or gravimetric estimations and by UV-Visible, IR, 1H NMR, 13C NMR, Synthesis and characterization of Nano-particles, Oscillatory reactions, Fluorescence and CMC experiments, Study of Enzyme kinetics.

Software Proficiency:

Microsoft Office, ChemDraw, pyMOL, Chemical Kinetics Simulator ,Maestro,G09 and Gauss View,,Chemcraft, and Mercury

## Scientific Activities:

* Attended National Conference on recent Advances in Inorganic chemistry at Bharathidasan University,Tiruchirapally (Mar 2012)
* Attended Gaussian Workshop in IIT Chennai and CLRI (Jan 2012)
* Attended International Conference on Chemsitry and Complexity in Indian Association For the Cultivation of Science,Kolkata(Dec 2011)
* Attended 3rd Asian conference on Coordination Chemistry in Delhi organized by IIT Delhi and IIT Kanpur (Oct 2011).
* Attended “National conference on Frontiers in Chemical Sciences”organized by IIT Guwahati (Dec 2010).
* Summer project under supervision of Prof. Saurav Das in Jadavpur University,Kolkata, on The Study of Physicochemical Properties of Anti Cancerous Drugs (July 2010).
* Summer Project under supervision of Prof. Bhisma Kumar Patel in IIT Guwahati, on Synthetic Organic chemistry (May 2010- Jun 2010).
* Attended National conference on “Life and works of Sir J C Bose in the perspective of Modern science and technology”organized by Jadavpur University in Kolkata (Dec 2008).
* Able to handle IR,UV,NMR,instrument and can take mass spectroscopic data of a sample.

# Declaration:

I hereby declare that the information given above is true to the best of my knowledge.

Tulika Gupta

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31.08.2012