

MEGHNA GHOSAL

PERSONAL DATA

- Date of birth : 19th September 1995
- Place of birth : Kolkata
- Nationality : Indian
- Gender : Female
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Personal Profile:

Accomplished Master's degree in science with a proven academic record .Extensive experience of working in laboratory and as a teaching assistant in MHRD institute.I have the organisational skills to assist with the planning and preparation of successful lessons monitoring students learning and assess pupils as well as the ability to encourage children to learn through motivation and positive behaviour.

EDUCATIONAL QUALIFICATIONS:

ICSE : Passed in 2012 with 91.5%

ISC : Passed in 2014 with 87.8%
BSc in Chemistry : Passed in 2017 with 67.5%
MSc in Chemistry : Passed in 2020 with 8.44 CGPA

INSTITUTIONS:

COLLEGE:

June 2017-Present : Integrated PhD in Chemical Sciences from
Indian Institute of Science Education and Research Kolkata

2014-2017 : Lady Brabourne College, Calcutta University,
Department of Chemistry

SCHOOL:

St. Thomas School ,Khidderpore

Our Lady Queen of the Missions School, SaltLake

Core skills:

- Behavioral management
- Safeguarding and welfare
- One to one support

Technical skills:

- ^1H NMR
- ^{19}F NMR
- Chemdraw
- Mesnova
- Scifinder
- Chems sketch

- Google meet
- Zoom meet (research purpose)
- Cisco webex
- Origin
- Python(basics)
- Linux(basics)
- GNU plot
- Gaussview 6.0.16
- Chemcraft
- Latex basics
- MS-word(basic)
- MS-Excel(basic)
- Google Docs
- Powerpoint

Career Summary:

EDUCATIONAL ACHIEVEMENTS:

Lady Brabourne College: College Prize for standing First Class 3rd.

CERTIFICATE OF PARTICIPATION:

In the preliminary round of MIMAMSA 2017.

Participated in JMMC's 3rd All Bengal Mathematics Talent Search Examination on 3rd October 2010 securing Grade A+.

CERTIFICATE OF HONOUR :

For Chemistry in class VIII (2010)

For 2nd Language in class VI(2008)

For Mathematics in class XII (2014)

For Arithmetic in class IV

For sustained excellence in academics in class IV.

For sustained excellence in academics in class III.

For Good Conduct in Class II in the year 2003-2004.

For standing 3rd in colour contest in class II on 2003

CERTIFICATE OF PARTICIPATION:

From Our Lady Queens of the Missions School, Salt Lake in the City Finals of Nat Geo Junior Hunt.

From Our Lady Queens of the Missions School in Greeting Card competition at Horlicks Wizkids 2006

From Our Lady Queens of the Missions School in Regional Lang Essay competition at Horlicks Wizkids 2006.

From Our Lady Queens of the Missions School, Salt Lake city,in Official State Language Essay competition at Horlicks Wizkids 2007.

For Interhouse Bengali Public Speaking Contest.

Position of Responsibility:

Departmental Representative in IISER KOLKATA in Chemical Sciences in 2018-2019.

Subject Expert (Chemistry) at Chegg India Pvt Ltd : acting as the general liaison between tutors and tutees, solving homework.

Teaching Assistantship:**CERTIFICATE OF APPRECIATION:**

Autumn Semester 2019: Teaching Assistant in the course “CHEMISTRY LAB I (CH1102)

Spring Semester 2019: Teaching Assistant in the course “SYNTHESIS & CHARACTERISATION LAB (CH2203)

Autumn Semester 2020: Teaching Assistant in the course

“Elements of Chemistry II” (CH2101): In progress

Certificate of participation in “National Chemistry Scholar’s Colloquium” on 7th March, 2019 from IISER KOLKATA.

CERTIFICATE OF APPRECIATION:

Voluntary donation of blood at Blood Donation Camp on 04-04-2018 from IISER KOLKATA.

Participated in Royal Society of Chemistry seminar from IISER KOLKATA.

Master Thesis: Lewis-acid catalyzed trifluoromethylthiomethylation of *ortho*-quinone methides (organic chemistry)

Current work topic: Computational investigation (physical chemistry)

Camphene to Isobornyl acetate

C-N bond coupling

CERTIFICATE OF EXTRA-CURRICULAR ACTIVITIES:

For Spelling Dictation in class VI securing 3rd position.

For first position in Eastern Singing.

For 2nd position in Bursting the Balloon on 2005 from Sri Aurobindo Bhavan.

For 2nd position in Biscuit race in 2005 from Sri Aurobindo Bhavan.

For participation in Biscuit race in 2004 from Aurobindo Bhavan.

For participation in Bursting the Balloon on 2004 from Sri Aurobindo Bhavan.

Hobbies and Interests:

Cycling, listening to music, reading, travelling, cooking, dancing.

Language Proficiency: English, Bengali, Hindi

