

# Sagar Bag

D.O.B. 19/6/1996

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☎ 9674715608

📍 160 B KALI CHARAN GHOSH ROAD KOLKATA, KOLKATA, INDIA

## EDUCATION

### Doctor of Philosophy

Indian Institute of Science Education and Research, Kolkata

01/2020 – Present

*Polymer Chemistry*

- Fatty acid based renewable resource derived polymer architectures

### M.Sc. (Chemistry)

IIT KHARAGPUR

07/2017 – 05/2019

8.71 (CGPA)

*Elective Courses*

- Advanced Bio-Inorganic Chemistry
- Bio-Physical Chemistry
- Application of Fluorescence in Chemistry & Biology

### B.Sc. (Chemistry)

Asutosh College (C.U.)

06/2014 – 03/2017

70.66%

*Courses*

- Chemistry (Hons.), Mathematics, Physics

### 12th

B.T. ROAD GOVT. SPON. H.S. SCHOOL (WBCHSE)

2012 – 2014

85.20%

*Courses*

- Mathematics, Physics, Chemistry & Statistics

### 10th

B.T. ROAD GOVT. SPON. H.S. SCHOOL (WBBSE)

2012

88.85%

## PERSONAL PROJECTS

Mimicking the active site of Quercetin 2 3-dioxygenase (07/2018 – 05/2019)

- M.Sc. Project Student under supervision of Dr. Sukanta Mandal (Assistant Professor, IIT Kharagpur) (2018 – 2019)

## LABORATORY EXPERIENCE

### M.Sc. Project Student

Dr. Sukanta Mandal (Assistant Professor, IIT KHARAGPUR)

2018 – Present

*Mimicking the active site of Quercetin 2 3-dioxygenase*

Contact: Sukanta Mandal – [sukanta.mandal@chem.iitkgp.ac.in](mailto:sukanta.mandal@chem.iitkgp.ac.in)

## RESEARCH INTERESTS

Polymer & Supramolecular Chemistry

## ACHIEVEMENTS

CSIR-UGC NET 2018 December Rank 40

GATE 2019 RANK 153

INSPIRE SCHOLAR 2012-2018