

# SOUMYA RAY

M.Sc. Chemistry

B.Sc.(Hons.) Chemistry

ADDRESS: 18, KUMAR PARA LANE, KADAMTALA,

HOWRAH- 711101, WEST BENGAL, INDIA.

E-MAIL: [soumya.ray260399@gmail.com](mailto:soumya.ray260399@gmail.com)

CONTACT: +918777858133, +919804844492



## CAREER OBJECTIVE

An energetic fresher having a strong and deep knowledge in physical and analytical chemistry and who is devoted to work in a reputable chemical organization as an entry level intern or trainee, to learn new skills and gain knowledge in the field of analytical and physical chemistry and also to meet the demands of the organization and carry out every responsibility of the position with utmost commitment.

## ACADEMIC PROFILE

DEGREE	YEAR	UNIVERSITY/ BOARDS	SCORE / PERCENTAGE
M.Sc. Chemistry	2020-contd.	Sister Nivedita University, Newtown, Kolkata, West Bengal.	
B.Sc. Chemistry (Hons.)	2020	University of Calcutta	70% (1 <sup>st</sup> class)
Higher Secondary School Certificate(Science)	2017	Council for the Indian School Certificate Examination (CISCE)-Class-XII	75% (1 <sup>st</sup> Division)
Secondary School Certificate(Science)	2015	Council for the Indian School Certificate Examination (CISCE)-Class-X	85% (Grade - A)

**KEY SKILLS**

- Equipment organization and maintenance skills.
- Perform research and present discovered information in reports.
- Experience of volumetric and gravimetric analysis.
- Technical writing and effective communication.
- Problem solving skills.
- Maintain lab records and data systematically.
- Analyze and perform research by gathering information carefully.
- Collaborating with others to achieve team goals.
- Strong analysis on polymer synthesis process.
- Strong basic knowledge of analytical and physical chemistry
- Knowledge of sophisticated instrumental methods and their use.
- Learning /adaptability skills.
- Self-management skills.
- Good presentation skills.
- Knows MS-Word, MS-Excel, MS-Powerpoint, MS-Access
- Knows basic programming on C++, Java, HTML, Q-Basic, GW-Basic

**INTERESTS**

- Analytical Chemistry
- Physical Chemistry
- Inorganic Chemistry
- Powder coatings/Surface coatings/coatings industry.
- Paints.
- Adhesives.
- Supramolecular Chemistry.
- Environmental Chemistry
- Petrochemicals /Chemicals.
- Green Chemistry
- Statistical Methods of Analysis.

**SUMMER TRAINING/ INTERNSHIP AND INDUSTRIAL VISIT EXPERIENCE**

- ❖ Summer intern (SEP 2020-OCT 2020) – One month.

**IIS UNIVERSITY, KOLKATA, WEST BENGAL**



Hands on experience and have worked on various 3D-printers and have worked on additive manufacturing and have also gained knowledge in biopolymer and its applications in the field of healthcare sector.

❖ Industrial visit (NOV 2019):

**MOTHER DAIRY CALCUTTA, DANKUNI PLANT, WEST BENGAL**

Visited all the manufacturing and processing sites of the plant and did a survey on the processing of milk to end products including the packaged milk, butter, cheese and curd.

Experienced the steps of milk processing inside the reactor chamber and studied the various processes involved in the processing of cow milk and its allied products.

Have also visited the state -of-art research and development centre inside the plant campus and have an experience how Mother Dairy Calcutta is involved in the R&D for the development of its products.

Have also experienced the packaging unit of the plant and how the milk is being packed and ready to supply to the state.

❖ Industrial visit (FEB 2020):

**WEST BENGAL STATE ELECTRICITY DISTRIBUTION CORPORATION LIMITED (WBSEDCL), JALDHAKA HYDEL POWER PROJECT, JALDHAKA, DOOARS, NORTH-BENGAL, WEST BENGAL.**

- Learned the conversion steps of Hydel energy to electric energy inside the plant.
- Experienced the various turbines installed inside the plant.
- Did a survey on the electricity distribution and its applications to various regions of the North-Bengal.

### ACADEMIC ACHIEVEMENTS

- ❖ Highest scorer in Chemistry in ICSE boards (2015); scored 96/100.
- ❖ Highest scorer in History in ICSE boards (2015); scored 100/100.
- ❖ Secured 1<sup>st</sup>-10<sup>th</sup> rank all over my school life.
- ❖ Awarded first class division in Chemistry (Hons.) from the University of Calcutta.
- ❖ Participated in many Olympiads organized by SOF during school days.

### LEADERSHIP GOALS AND POSITIONS OF RESPONSIBILITIES

- ❖ Was the School class representative from class-VIII to X.
- ❖ Was a part of the college cricket team and also won a cricket match.(2018)
- ❖ Volunteered an organization in a crowdfund raising program (Hamari Pehchan-NGO) in 2020.



- ❖ Organized an event during the winter carnival held at my school.
- ❖ Conducted an international seminar in my UG institute in the year 2019.

### CO-CURRICULAR ACTIVITIES

- ❖ Was a part of the winning-XI of the school tug-of-war team, that made a victory against the teacher on Teacher's Day Celebration (2017).
- ❖ Was a Member of the "Nature Club" committee of school.
- ❖ Participated in planting trees across the school boundary on "Green Day".
- ❖ Was a part of the college quizzard team and represented college in many quizzing competitions.
- ❖ Participated in photography competitions .

### STRENGTHS & ABILITIES

- ❖ Strong will-power.
- ❖ Ability to work in a team with a motive to create strong co-ordination with other fellow.
- ❖ Capable to work under pressure and challenging moments.
- ❖ Good communication skill.
- ❖ Sound knowledge in physical and basic chemistry and analytical chemistry.
- ❖ Strong motivation.
- ❖ Good negotiation skill.
- ❖ Potential in learning new skills .

### ADDITIONAL INFORMATION

- Permanent address: 18 Kumar Para Lane, Kadamtala, Howrah - 711101.
- Father Name-Gautam Ray
- Mother Name-Sumana Ray
- Date of Birth: 26<sup>th</sup> March, 1999.
- Emergency Contact No- +91 9163393953 (Father).

### LANGUAGES

- English
- Bengali
- Hindi
- German

### DECLARATION



*I, Soumya Ray hereby declare that all the above statements and information provided myself is true and best of my knowledge and any wrong information provided by me is subject to invalidity of this curriculum vitae. The curriculum vitae is just a brief of me to introduce myself to the recruiter and any wrong information provided by myself in any circumstances will not be entertained in any way.*

**Date:**

**Signature:**

**(SOUMYA RAY)**

---

**THANK YOU**