

# SASWAT KUMAR PARIJA

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Niali, Odisha, India, 754004

## EDUCATION

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### Kyushu University

Prospective Doctor of Philosophy (Ph.D.), Applied Chemistry  
Graduate School of Engineering

October 2025 -

### National Institute of Science Education and Research

Integrated Master of Science (M.Sc.), Chemistry  
School of Chemical Science

November 2020 - June 2025

Overall score: 8.5/10

### Mother's Public School

Higher Secondary Education  
Central Board of Secondary Education

2017-2019

Overall score: 94.83/100

### Niali High School, Niali

Secondary Education  
Board of Secondary Education, Odisha

2015-2017

Overall Score 91.68/100

## RESEARCH EXPERIENCE

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- OpenAI AI Trainer

June 2024- Present

Designing expert-level questions in chemistry for the performance evaluation of certain models.

- Chemistry Master's Project

August 2023- June 2025

[Prof. A. Srinivasan's lab](#)

Synthesis of (*o-p-o*) Terphenyl embedded calixphyrin dimer and their BODIPY complexes.

- Summer Research fellowship

May 2024- July 2024

[Prof. Masaaki Ohba's Lab](#)

Synthesis of Guest Responsivity in a One-dimensional Re(V)Cd(II) Coordination Polymer and its application in Room temperature storage of Ammonia

- Summer Research fellowship

May 2023- July 2023

[Prof. Soumen De's Lab](#)

Synthesis and operation of light-responsive Azo BINOL Bipyridine chiral switches and their application in molecular scissors.

- Summer Research fellowship

May 2022- July 2022

[Prof. A. Srinivasan's lab](#)

Synthesis and coordination of (*m-o-m*) Terphenyl embedded carbahomoporphyrinoid dimer.

## AWARDS, HONOURS AND SCHOLARSHIPS

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1. Recipient of **MEXT** Scholarship for Doctoral Education awarded by the Japanese Government.
2. Recipient of **DISHA** Scholarship for Higher Education awarded by DAE.
3. Recipient of **NRTS** Scholarship by Odisha Board of secondary education for session **2015-17**.
4. Recipient of **PSMS** by Board of secondary education, Odisha for session **2016-17**.
5. **AIR 328** in NEST 2020.
6. Runner up at **IGNITE Biology Quiz** (National level inter-college quiz competition organised by NISER)
7. Presented a Paper on Gold Nanoparticles at **SCS student seminar, NISER, Bhubaneswar**.
8. Presented my Summer Research findings at **School of chemistry, IISER TVM**.

## SKILLS

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### Programming skills:

C, Python, LaTeX

### Technical skills:

IR, UV-Vis, NMR, EPR, Fluorescence Spectroscopy, Mass Spectrometry, SC-XRD Spectroscopy and analysis

### Sports:

Badminton, Chess

### Languages:

Japanese (Beginner's level), English (Fluent), Hindi (Fluent), Odia (Native tongue).

## EXTRACURRICULAR ACTIVITIES

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1. Attended Virtual Winter School on Computational Chemistry-2022 (CECAM) in Feb 2022.
2. Attended the International Conference on Main Group Molecules to Materials (NISER) in Dec 2021
3. Attended the HBNI Interaction meeting in Jan 2023.
4. Member of Astronomy Club and Robotics Club, NISER.
5. Published a Robotic project in **Yantriki magazine**(published by Robo Club NISER).
6. Attended Summer Meet by Porphyrin Chemistry by International Conferenc on Porphyrins Pthalocyanins in July 2024 )