ICR-iJURC Short-Term Exchange Program Report

Aditi Bajpai

Department of Geochemistry,
Birbal Sahni Institute of Palaeosciences, India

2026/08/05 — 2026/10/29

I visited Professor Yoshiki Sohrin's laboratory at the Institute of Chemical Research, Kyoto University, for three months under ICR-iJURC short-term student exchange program. My research plan involved learning and working with column chemistry on water samples of tropical river, Brahmaputra and Ganga Rivers addressing the factors influencing metal stable isotope composition. During my three-month tenure, I learned and gained experience on column chemistry and instruments including HR-ICPMS and MC-ICPMS. I also learned about the data handling for the isotopic system.

I am thankful to Professor Sohrin for providing me such an opportunity to gain experience and learn analytical techniques concerning isotopic systems. I was great working with Assistant professor, Dr. M. Alam for his continuous guidance in sample processing and data handling. I am also thankful to the Associate professor, Dr. Shotaro Takano and Assistant professor Dr. Linjie Zheng for their valuable guidance and support during the experimental work.

Other than the academic work, I was involved in the team meeting where I get to know all the team members better. I also went to dinner with the Professor and his team at a restaurant in Higashiyama where they served vegetarian food in Japanese style. We also visited the shrine and I learned somethings about the Japanese culture.

In the end I sincerely thank Professor Sohrin and his team for warm welcome and kind hospitality towards me during my stay in Japan.



