

様式 A-1
(FY2024)

2024 年 5 月 20 日

サイエンス・ダイアログ 実施報告書

1. 学校名・実施責任者氏名: 市立札幌清田高等学校 反保 智栄
2. 講師氏名: Sudipta Kumar Sarkar
3. 講義補助者氏名: なし
4. 実施日時: 令和6年 5月 20 日 (月) 9:45 ~ 11:35
5. 参加生徒: 3年生 40 人 (合計 40 人)
備考: 3年6組(グローバルコース)生徒
6. 講義題目: 研究の進め方、夢の実現の仕方
7. 講義概要:
Introducing Myself (自己紹介)
Motive (動かす)
My Country - India (インド)
My Story (私の物語)
My Research in Japan (日本での私の研究)
Concept of Research (研究の考え方)
Role Models (ロールモデル)
English Language (英語)
Living the Dream (夢を生きている)
Demonstration - Science as Fun (楽しみとしての科学)
Q and A (質疑応答)
8. 講義形式:
☒対面 ・ ☐オンライン (どちらか選択ください。)
1) 講義時間 80 分 質疑応答時間 30 分
2) 講義方法 (例: プロジェクター使用による講義、実験・実習の有無など)
プロジェクター使用による講義・実験有
3) 事前学習
有 ・ ☒ (どちらかに○をしてください。)
使用教材
9. その他特筆すべき事項: なし

Form B-2
(FY2024)
Must be typed

Date (日付) 20/05/2024
(Date/Month/Year: 日/月/年)

Activity Report -Science Dialogue Program-
(サイエンス・ダイアログ 実施報告書)

- Fellow's name (講師氏名): Sudipta Kumar Sarkar (ID No. P23051)

-Name and title of the lecture assistant(講義補助者の職・氏名)

Chie Tampo

- Participating school(学校名): Sapporo Kiyota High School

- Date (実施日時): 20/05/2024 (Date/Month/Year: 日/月/年)

- Lecture title (講義題目):

Science Dialogue FY 2024

- Lecture format (講義形式):

◆ ☒ Onsite ☐ Online (Please choose one.)(対面・オンライン)((どちらか選択ください。))

◆ Lecture time (講義時間) 80 min (分), Q&A time (質疑応答時間) 30 min (分)

◆ Lecture style (ex.: used projector, conducted experiments)

(講義方法(例: プロジェクター使用による講義、実験・実習の有無など))

Used Projector for the lecture and gave Demonsration of my researchby physically showing some laoratory aricated electronic devices.

- Lecture summary (講義概要): Please summarize your lecture within 200-500 words.

The primary aim of this lecture was to promote science among the high school students in Japan. In addition, this lecture was also meant to provide an international understanding to the students and to motivate them for communicating more with international community, so that they realize the importance of it and overcome the fear factor of English Language. In order to meet its objectives, this lecture adopted a very interesting approach by sharing stories, showing a lot of pictures and introducing students with some knowledge on research. So, it all began with introducing my country India and its culture to the students through which they came know about the large population, language and cultural diversity of India. They were also informed about the science culture of ancient India and its current needs for massive technological development. Here, I shared my own story about how India's currents demands and societal needs have driven me to become a scientific researcher. Then, this lecture provided the basic concept and an overview of research which hopefully helped students accomplishing their tasks for Graduate Research Project. Next, my own research was

simply and very briefly explained so that students could easily grab the essence of it and find something interesting. Next, connecting to the challenges of my research, the approach of scientific research and the stories of famous discoveries were discussed in order for the students to take science as a fun and to become motivated to culture it. Famous scientists, Nobel Prize Winners from Japan and their notable works were highlighted towards the end to set examples of role models to Japanese students. Students were highly encouraged to overcome their live their dream and not to give up at any stage of their life. They were also made aware of their duties and responsibilities to finally contribute to the society significantly. A demonstration was given on my current research. Some laboratory fabricated electronic devices were shown and demonstration was given to show how these devices work in real time. Students found it pretty interesting. Finally, after the lecture, in Q and A session I interacted with students while they raised many questions ranging from Indian culture to the future of my research and so on. Hope, with my answers and lecture, I could motivate the students a bit and enhance their vision as well.

◆Other noteworthy information (その他特筆すべき事項):

- Impressions and comments from the lecture assistant (講義補助者の方から、本プログラムに対する意見・感想等がありましたら、お願いいたします。):

“Dear Dr. Sudipta Kumar sarkar

Thank you very much for having the special lecture today. I was glad to see how passionate you are about your research. Your presentation helped students to do their research. You encouraged students to think about their research, learning English and career. Your lecture definitely enhanced their visions

Again, thank you very much for coming to Kiyota and I hope you will have great days in Japan

Best regards

Chie Tampo”