

Form B-2
(FY2022)
Must be typed

Date (日付)
25/11/2022 (Date/Month/Year: 日/月/年)

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

- Fellow's name (講師氏名): RAHMAN MD MIZANUR (ID No. P22088)
- Name and title of the lecture assistant (講義補助者の職・氏名)
Michael Makoto Martinsen, Doctoral Course Student (D1)
- Participating school (学校名): Shizuoka Prefectural Kakegawanishi High School
- Date (実施日時): 17/11/2022 (Date/Month/Year: 日/月/年)
- Lecture title (講義題目): A Journey to the Multidisciplinary Research Arena

- 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) 105 min (分), Q&A time (質疑応答時間) 15 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))
Powerpoint presentation using a projector

- Lecture summary (講義概要): Please summarize your lecture within 200-500 words.
Title: A Journey to the Multidisciplinary Research Arena
The content of the lecture included several topics. Firstly, I discussed self-presentation about me and my country (Bangladesh), food, culture and tourist attractions of Bangladesh, Japan Bangladesh relations, my education, my research university and territory, why did I become a scientist and why did I come to Japan. I also displayed a video about my country after the first-half of my lecture. Moreover, I introduced about Japan Society for the Promotion of Science (JSPS) and their contributions to the students. Secondly, I tried to explain about multidisciplinary research which may include biological, chemical, and engineering research those I have been conducting in Japan. Thirdly, I focused on my research in Japan that include seafood quality assurance, nondestructive analytical techniques and machine learning to ensure quality of seafood. Finally, I introduced them about microplastics pollution in seafood and my novel technique to monitor microplastics in the ocean environment and seafood. The students and teachers of high school impressed to see my research technology. Lastly, I finished my lecture by acknowledging to JSPS, my host professor, high school teachers and my lecture assistant. I hope high school students got

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some motivation to become a scientist in Japan.

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

Students were more attentive to research.

- Impressions and comments from the lecture assistant (講義補助者の方から、本事業に対する意見・感想等がありましたら、お願いいたします。): The lecture was a meaningful contribution to the development of science