

(For JSPS Fellow)

Form B-5

Date (日付)

(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): Dr.M.Asad-ud-doullah (ID No. P 11083)

- Participating school (学校名): BANDAI Senior High School

- Date (実施日時): 22.06.2012 (Date/Month/Year:日/月/年)

- Lecture title (講演題目): (in English) 1. Introduction to Bangladesh and Bangladeshi culture
and 2. Genetic analysis of resistance in Brassica crops

(in Japanese) 1 バングラデシュとバングラデシュの文化の紹介
2 アブラナ属の作物における病害抵抗性の遺伝解析

- Lecture summary (講演概要): Please summary your lecture 200-500 words.

I delivered my lecture by two phase: First phase is about Bangladesh and its culture where I presented about my country eg. Location, weather, season of Bangladesh, our heritages like world largest sea beach, and largest mangrove forest in the world; UNESCO World Heritage Centre (Sunderban).

I explained about origin of our mother language which is recognized world wide and 21st February being declared International Mother Language Day by UNESCO. I also explained about our religious festival and another some special culture.

In the 2nd phase, I explained about my research on genetic analysis of resistant breeding in Brassica crops. I explained about Brassica plant and it's origin, the most important diseases and genetic resistance of the disease. I have tried to explain about resistance against the disease which is controlled by gene (DNA fragment). How we can identify resistant gene against the disease and sequence the gene, and also transfer that gene to another susceptible cultivar, were also discussed.

- Language used (使用言語): English

- Lecture format (講演形式): Power point

◆Lecture time (講演時間) 45 min (分), Q&A time (質疑応答時間) 05 min (分)

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

(講演方法 (例: プロジェクター使用による講演、実験・実習の有無など))

Using projector only

◆Interpretation (ex.: assistance by accompanied person, provided Japanese explanation by yourself) (通訳 (例: 同行者によるサポート、講師本人による日本語説明))

My research supervisor (Sensei)

◆Name and title of accompanied person (同行者 職・氏名)

Dr. Keiichi Okazaki; Professor

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

- Impressions and opinions from accompanied person (同行者の方から、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。): Impression was very good. It was his first experience. My sensei (accompanied person) said me that it is a good opportunity to explore our high level research to school students what we do at university level specially with foreign researcher (supported by JSPS).