

(For JSPS Fellow)

Form B-5

Date (日付)

2015/03/31 (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): Padalkar Vikas Sudam (ID No. P 14063)

- Participating school (学校名): Takezono High School-Ibraki

- Date (実施日時): 2013/03/19 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English): Fluorescence: Chemistry and Technology

(in Japanese): 蛍光: 化学と技術

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

During my talk in Ibaraki I covered three points which are

1. About me and my education
2. India and Indian higher education system
3. Fluorescence: Chemistry and Technology.

In the section about me, I spoke about my background and how I completed my education and why I chose chemistry as my career. I also enlightened the students about India, Indian culture and higher education system. I also discussed the reasons for Indian researchers to move abroad for further education. In scientific section I spoke about the basic concept of fluorescence and its application in day-to-day life. I also highlighted the future scope of fluorescence chemistry and need of young researchers in developing high-end technology for sustainable development for the world. The presentation was concluded by a quick response quiz for students followed by question-answer session.

- Language used (使用言語): English

- Lecture format (講演形式):

◆Lecture time (講演時間) 100 min (分), Q&A time (質疑応答時間) 20 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))

Projector and Blackboard

◆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))

Spoke in English in front of audience

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

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

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- 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。):

The staff of Takezono High School was impressed with my lectures. They thoroughly enjoyed my lecture and were in rapt attention during the entire lecture duration. Occasionally they asked me questions about my country, background and my research area. The audience was very happy to learn new things from me.