

(For JSPS Fellow)

Form B-5

Date (日付) 27/02/2018
(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): SATYA PRAKASH PATI (ID No. P17070)
- Participating school(学校名): Iwate Prefectural Kamaishi High School
- Date (実施日時): 23/02/2018(Date/Month/Year:日/月/年)
- Lecture title (講演題目): Introduction to magnetic materials and electromagnetic induction
- Name and title of your company(同行者職・氏名)
Department of Electrical Engineering, Tohoku University
- Lecture format (講演形式):
 - ◆Lecture time (講演時間) 80 min (分), Q&A time (質疑応答時間) 10 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))
Used Projector
- Lecture summary (講演概要): Please summary your lecture 200-500 words.
I divided my lecturer into three parts. In the first part, I explained the the culture, food, festivals, languages and scientific contributions of my country India. In the second part of the lecturer, I described working principle of various devices working on principle of electromagnetic induction e.g. motors, transformers, generators, metal detectors etc. At last, I introduced my research regarding the developement of high density, low power consumption and high speed operation spintronics memory devices.
- Overall advice or comments to future participants in the program(今後の講師へのアドバイス):
This "Science dialogue" program is a nice initiatives from JSPS. So the high school students can interact with the foreign researcher and would generate interst for research. If time permits, I would be happy to deliver such lecturer if requested in future.
- Other noteworthy information (その他特筆すべき事項):
- Impressions and opinions froma company(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。)