

Hokkaido University Syllabus

■ Course Title Inter-Graduate School Classes(Educational Program):One program for Global Goals				
■ Subtitle SDGs Field study: Independent Research Experience on STSI in India (STSI)				
■ Instructor (Institution) OTAKE Tsubasa (Faculty of Engineering)				
■ Other Instructors (Institution) OGANE Takeo (Faculty of Information Science and Technology) ISHIKAWA Tatsuya (Faculty of Engineering) OKAZAKI Taichiro (Faculty of Engineering) BIJU VASUDEVAN PILLAI (Research Institute for Electronic Science) KONNO Yusuke (Faculty of Engineering) OTAKE Tsubasa (Faculty of Engineering) MATSUMOTO Takashi (Faculty of Engineering) TAKAHASHI Kosuke (Faculty of Engineering)				
■ Course Type				■ Open To Other Faculties / Schools OK
■ Year	2026	■ Semester	Full Year (Irregular)	■ Course Number 101225
■ Type of Class	Experiment	■ Number of Credits	2	■ Year of Eligible Students ~
■ Eligible Department / Class				■ Other Information
■ Numbering Code	IGS_IDS 5151			
■ Major Category Code	■ Major Category Title IGS_IDS			
■ Level Code	■ Level 5			
Specialized Subjects (basics) in graduate level (Master's Course and Professional Course), Inter-Graduate School Classes				
■ Middle Category Code	■ Middle Category Title			
■ Small Category Code	■ Small Category Title			
■ Language Type	Classes are in English.			
■ Course list by the instructor with practical experiences				

■ Key Words

Japan, India, Internship, Teamwork

Course Objectives

This subject aims at contributing to the development of human resources capable of playing central roles in the promotion of teamwork research between Japan and India for Developing Sustainable Transportation System and Infrastructure.

Course Goals

The student will conduct research at a counterpart institute on a subject related to STSI. Guided by a faculty member at that institute, the student will participate in a group/team effort to gain international experience. The course is expected to nurture Field Research Capacity, Cross Cultural Capability, Frontier Spirit and Problem Solving Competencies and thereby develop leadership capabilities of the student.

Course Schedule

Students will set specific research themes and experience team research in each other's countries for 1-2 months, and work together to achieve certain results for the set theme in a team comprised of students from both countries.

Homework

Participants are expected to spend 20 hours per week under the guidance of a professor at the counterpart university.

Grading System

Evaluation will be done based on the standard of the OGGs-STSI Course. At the end of the internship, final presentation session will be held and both supervisors from Japan and India jointly assess the level of achievement.

A rubric (an evaluation standard indicating the level of learning achievement) will be incorporated in the grading.

Practical experience and utilization for classes

Condition of tasking the subject

Textbooks

Reading List

Websites

Website of Laboratory

Additional Information

The class is a part of the One program for Global Goals-STSI Course.

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Class Method

face to face