

Mexico-Japan Exchange Program for the Strategic Global Partnership

Information for applicants

1. Course Title

Downstream Petroleum Industry

2. Name of Mexican Institution:

Mexican Petroleum Institute (IMP)

3. Brief Profile of the Institution

The Mexican Petroleum Institute (IMP) is a public center dedicated to basic and applied scientific research, in order to develop technologies applicable to the petroleum industry and the formation of specialized human resources, providing support to Petroleos Mexicanos (PEMEX) in finding hydrocarbons and new oil fields in the improvement of the exploitation of these resources, producing fuels at world environmental specifications, as well as in training its personnel.

Currently through a renewed effort, greater synergy with Pemex and the opening of the oil market, the IMP seeks to integrate the goals and major projects in the oil industry by providing research and technological development, scaling, training and marketing of high-tech services that can increase efficiency, productivity and growth of the oil sector.

4. Course dates:

From November 18th to December 4th, 2015

5. Field of the Training Program:

Heavy crude oils upgrading through processing, catalysts and chemicals.

6. Course Objective:

To provide a comprehensive knowledge of the current strategy for upgrading heavy oils in Mexico and the emerging technologies specially focusing on those developed by IMP.

7. Course capacity

Maximum two (2) participants.

8. Tentative Course Programe

- Nature and properties of heavy oils in Mexico
- Challenges of transporting and refining heavy oils in Mexico
- Emerging technologies by IMP: chemical products and processing

9. Course Location

The course will be in Mexico City with a visit to a Refinery.

10. Trainees profile (academic, professional, linguistic, others)

Academic Background	The course is suited to late phase Master students, Ph.D. students as well as PhD's, researchers, government officials, and extension faculty with a strong background in oil industry.
Work Experience	In oil industry, up-stream or down-stream
Years of Experience	At least two (2) years
Language Proficiency	All participants need to be competent in English English Scores: TOEIC: 700 pts TOEFL PBT: 500 TOEFL IBT: 90 IELTS: 6

11. Dress code

Casual; for labs and pilot plants IMP will provide a lab coat and safety equipment.