******TENTATIVE COURSE CURRICULUM**

**Nuclear and Radiological Emergency Preparedness**

***“Follow-up Training Course 2021”***

**23 - 27 August 2021**

***Online (Organized over Zoom)***

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| **23 Aug. (Mon)** | | **Contents** | **Lecturer/Instructor** |
| AM | 8:00 – 8:30 (V)  10:00 – 10:30 (J) | Opening |  |
| 8:30 – 9:30 (V)  10:30 – 11:30 (J) | Pre-test (Google form) |  |
| *Break (15 min)* | | |
| 9:45 – 11:00 (V)  11:45 – 13:00 (J) | Basics of Radiation and Radiation Protection | Le Van Ngoc |
| *Lunch* | | | |
| PM | 13:00 – 14:30 (V)  15:00 – 16:30 (J) | Fukushima Accident and Exposure Situation in the Accident | Mr. Keiichi KAWAE  Mai Xuan Phong |
| *Break (15 min)* | | |
| 14:45 – 16:00 (V)  16:45 – 18:00 (J) | Fukushima Accident and Exposure Situation in the Accident (cont.) | Mr. Keiichi KAWASE  Mai Xuan Phong |
| **24 Aug. (Tue)** | |  | |
| AM | 8:00 – 9:15 (V)  10:00 – 11:15 (J) | Biological Effects of Radiation | Pham Ngoc Duy |
| *Break (15 min)* | | |
| 9:30 – 11:00 (V)  11:30 – 13:00 (J) | Regulatory Documents concerning NREP in Vietnam; Organizations Responsible for Emergency in Vietnam | Nguyen Van Hung |
| *Lunch* | | | |
| PM | 13:00 – 14:30 (V)  15:00 – 16:30 (J) | Environmental Monitoring in the Emergency Case | Dr. Masanori TAKEYASU (Mr.)  Le Van Ngoc |
| *Break (15 min)* | | |
| 14:45 – 16:00 (V)  16:45 – 18:00 (J) | Radiation Protection for Emergency Workers | Mai Xuan Phong |
| **25 Aug. (Wen)** | |  | |
| AM | 8:00 – 9:30 (V)  10:00 – 11:30 (J) | Measurement of Radionuclides in Environment under Nuclear Disaster | Le Nhu Sieu |
| *Break (15 min)* | | |
| 9:45 – 11:00 (V)  11:45 – 13:00 (J) | Techniques of Collecting and Processing Environmental Samples in the Emergency case | Nguyen Van Phuc |
| *Lunch* | | | |
| PM | 13:00 – 14:30 (V)  15:00 – 16:30 (J) | Assessment of Internal exposure including adopting the software named MONDAL3 | Nguyen Van Hung |
| *Break (15 min)* | | |
| 14:45 – 16:00 (V)  16:45 – 18:00 (J) | Techniques of Evaluating Radiation Dose and Decontamination in the Emergency case | Pham Hung Thai |
| **26 Aug. (Thu)** | |  | |
| AM | 8:00 – 9:30 (V)  10:00 – 11:30 (J) | Handling of Radiation Survey Monitor Protective Gears and Safety Handling | Pham Xuan Hai  Phan Van Toan |
| *Break (15 min)* | | |
| 9:45 – 11:00 (V)  11:45 – 13:00 (J) | An Electron Accelerator Accident in Hanoi, Vietnam | Nguyen Van Hung |
| *Lunch* | | | |
| PM | 13:00 – 14:30 (V)  15:00 – 16:30 (J) | Introduction to Nuclear Reactor for Radiation Workers | Pham Quang Huy |
|  | 14:45 – 16:00 (V)  16:45 – 18:00 (J) | Public Relation for Nuclear and Radiological Emergency | Le Van Ngoc |
| **27 Aug. (Fri)** | |  | |
| AM | 8:00 – 10:00 (V)  10:00 – 12:00 (J) | Video of Radiological Emergency Preparedness Scenario of Province Level  Video of Radiological Emergency Preparedness Scenario at DNRI | All lecturers & Co-Lecturers |
|  | 10:00 – 11:00 (V)  12:00 – 13:00 (J) | Post-test (Google form) |  |
| *Lunch* | | | |
| PM | 13:00 – 15:00 (V)  15:00 – 17:00 (J) | Discussion  Course Evaluation  Ceremony | All lecturers & Co-Lecturers |

***Note:*** (V): Local Time in Vietnam; (J): Local Time in Japan