

**Draft of Basic Reactor Engineering Course 22 – 26 May 2023**

| <b>Date</b>   | <b>9:00-10:30</b>  |                              | <b>10:30-10:45</b> | <b>10:45-12:15</b>                                | <b>12:15 - 13:15</b> | <b>13:15-14:45</b>   | <b>14:45-15:00</b> | <b>15:00-16:30</b>                                     |
|---------------|--|------------------------------|--------------------|---|----------------------|--|--------------------|--|
| <b>22 May</b> | Register / Introduction (Kanokrat)                             | Safety Instruction /Pre-test | <b>Break</b>       | L: Reactor Physics (Kamontip)                     | <b>Lunch</b>         | L: Reactor Kinetic (Sunchai)   | <b>Break</b>       | L: Introduction to Nuclear Reactor Safety (Sunchai)    |
| <b>23 May</b> | L: Nuclear Data for Reactor Engineer (H. Harada)               |                              |                    | L: Basic and Advanced Thermal Engineering (Panya) |                      | L: Nuclear Reactor Control (K. Nabeshima)                                  |                    | L: Severe Accidents and Accident Management (Phanee)   |
| <b>24 May</b> | L: Monte Carlo Simulation for Reactor Engineer (H. Harada)     |                              |                    | L: Loss-of-Coolant Accident (Saensuk)             |                      | L: Neutron flux Measurement (Sirirat)                                      |                    | E: Neutron flux Measurement (SCA) (Saensuk /Sirirat)   |
| <b>25 May</b> | L: Fuel Behavior and Material Engineering (Noparit)            |                              |                    | L: Radiation Shielding (Manit)                    |                      | L: Moderation and Neutron Diffusion (H. Harada)                            |                    | E: Moderation and Neutron Diffusion (Saensuk /Sirirat) |
| <b>26 May</b> | L: Material ageing degradation (Ageing Management) (M. Suzuki) |                              |                    | L: Radioactive Waste Management (Archara)         |                      | L: Decommission Plan and Implementation for Research Reactor (Y. Ishiguro) |                    | Post Test / Discussion (Kanokrat)                      |