



On-the-job-training course on "Urban Flood Forecasting and Modelling" (Hybrid)
15th – 19th July 2024
at NIMBUS Meeting room, Floor 6, GISTDA Head Quarter, Bangkok, Thailand

Time (UTC+7)	Topic	Instructor
15 July 2024		
08:30 - 08:45	Registration	
08:45- 08:55	Welcome Remarks - Dr. Siriluk Prukpitikul, Deputy Executive Director, GISTDA	
08:55 - 09:00	Group Photo	
09:00 - 10:30	Introduction and fast flood	<i>Dr.Ashok Dahal Assistant Professor ITC</i>
10:30 - 10:45	Refreshment	
10:45- 12:00	Introduction and fast flood	<i>Dr.Ashok Dahal Assistant Professor ITC</i>
12:00 - 13:00	Lunch	
13:00 - 14:30	Introduction to Mathematics of Machine Learning	<i>Dr.Ashok Dahal Assistant Professor ITC</i>
14:30 - 14:45	Refreshment	
14:45 - 17:00	Introduction to Mathematics of Machine Learning	<i>Dr.Ashok Dahal Assistant Professor ITC</i>
16 July 2024		
09:00 - 10:30	Introduction to the Machine Learning models and their mechanism (Theory)	<i>Dr.Ashok Dahal Assistant Professor ITC</i>
10:30 - 10:45	Refreshment	
10:45- 12:00	Introduction to the Machine Learning models and their mechanism (Theory)	<i>Dr.Ashok Dahal Assistant Professor ITC</i>
12:00 - 13:00	Lunch	
13:00 - 14:30	Introduction to the Machine Learning models and their mechanism (Practice)	<i>Dr.Ashok Dahal Assistant Professor ITC</i>
14:30 - 14:45	Refreshment	

Time (UTC+7)	Topic	Instructor
14:45 - 17:00	Introduction to the Machine Learning models and their mechanism (Practice)	<i>Dr.Ashok Dahal Assistant Professor ITC</i>
17 July 2024		
09:00 - 10:30	Selection of model and Loss function (Theory)	<i>Dr.Ashok Dahal Assistant Professor ITC</i>
10:30 - 10:45	<i>Refreshment</i>	
10:45- 12:00	Selection of model and Loss function (Theory)	<i>Dr.Ashok Dahal Assistant Professor ITC</i>
12:00 - 13:00	<i>Lunch</i>	
13:00 - 14:30	Selection of model and Loss function (Practice)	<i>Dr.Ashok Dahal Assistant Professor ITC</i>
14:30 - 14:45	<i>Refreshment</i>	
14:45 - 17:00	Selection of model and Loss function (Practice)	<i>Dr.Ashok Dahal Assistant Professor ITC</i>
18 July 2024		
09:00 - 10:30	Introduction to workshop project and dataset	<i>Dr.Ashok Dahal Assistant Professor ITC</i>
10:30 - 10:45	<i>Refreshment</i>	
10:45- 12:00	Introduction to workshop project and dataset	<i>Dr.Ashok Dahal Assistant Professor ITC</i>
12:00 - 13:00	<i>Lunch</i>	
13:00 - 14:30	Workshop	<i>Dr.Ashok Dahal Assistant Professor ITC</i>
14:30 - 14:45	<i>Refreshment</i>	
14:45 - 17:00	Workshop	<i>Dr.Ashok Dahal Assistant Professor ITC</i>
19 July 2024		
09:00 - 10:30	Workshop	<i>Dr.Ashok Dahal Assistant Professor ITC</i>
10:30 - 10:45	<i>Refreshment</i>	
10:45- 12:00	Workshop	<i>Dr.Ashok Dahal Assistant Professor ITC</i>

Time (UTC+7)	Topic	Instructor
12:00 - 13:00	<i>Lunch</i>	
13:00 - 14:30	Group Presentations	<i>Dr.Ashok Dahal Assistant Professor ITC</i>
14:30 - 14:45	<i>Refreshment</i>	
14:45 - 17:00	Group Presentations	<i>Dr.Ashok Dahal Assistant Professor ITC</i>

Remarks: The schedule is subject to change.