



**ITU Centres of Excellence Network for Asia-Pacific Region**  
ITU-NCB-NIA

Face-to-face Training Course on  
**Artificial Intelligence (AI): Overview and Applications**  
Bangkok, Thailand  
**16-19 September 2019**

**COURSE OUTLINE**

**COURSE DESCRIPTION**

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Title	<b>Artificial Intelligence: Overview and Applications</b>
Objectives	<ul style="list-style-type: none"><li>• To provide an overview of artificial intelligence</li><li>• To build knowledge on deep learning, trends in artificial intelligence including applications and use cases</li><li>• To develop an understanding of the impact of AI on economy and society, and trends on AI policy, regulation and governance</li></ul>
Dates	16-19 September 2019
Duration	4 days
Registration deadline	31 <sup>st</sup> August 2019
Training fees	No training fees
Couse code	19WS24402ASP-E

**LEARNING OUTCOMES**

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Upon completion of this training, participants will be able to understand the

- Key concepts relating to artificial intelligence.
- Global Trends in artificial intelligence
- Practical applications and use cases in artificial intelligence
- Ethical issues related to artificial intelligence
- Policy and regulatory issues pertaining to artificial intelligence

## TARGET POPULATION

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This training is primarily targeted at executives, managers, engineers and staff from regulators, policy makers, ICT agencies, service providers, academia and government organizations interested in developing knowledge on artificial intelligence.

## TUTORS/INSTRUCTORS

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Invited experts from ITU, NBTC and NIA

## EVALUATION

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The assessment of the participants shall be based on the time spent on the training and the following parameters:

Evaluation Parameter	Weightage
Quizzes and Presentations	60%
Attendance	10%
Participation	30%

The minimum passing requirement for certificate is 60%

## TRAINING SCHEDULE AND CONTENTS / AGENDA

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(Updated information will be available at <http://www.itu.int/itu-d/asp> or <https://academy.itu.int>)

### **Agenda (for face-to-face trainings)**

16 Sep		<b>Topic: Artificial intelligence overview</b>
0900-1000	Opening Session	Registration, welcome, keynote address Group photo
1000-1200	Session 1	Artificial intelligence: The why and the what
1330-1500	Session 2	Understanding the technology behind artificial intelligence
1530-1700	Session 3	Deep learning, AI trends and limitations
1800-2030	Welcome dinner hosted by NBTC	

17 Sep		<b>Topic: Artificial intelligence applications and use cases</b>
0900-1030	Session 4	AI applications and use cases in various sectors
1000-1200	Session 5	AI and the ICT sector – Industry expectations and cases
1330-1500	Session 6	AI: Ethics, security, personal information issues
1530-1700	Session 7	Working group exercise

18 Sep		<b>Topic: Artificial country experiences and ICT industry</b>
0900-1030	Session 8	AI – Country case (Republic of Korea)
1000-1200	Session 9	AI and the ICT sector – Industry expectations and cases
1330-1500	Session 10	Working group exercise
1530-1700	Session 11	Working group exercise

<b>19 Sep</b>		<b>Topic: Artificial intelligence applications and use cases</b>
<b>0900-1030</b>	Session 12	AI's socio economic impact
<b>1000-1200</b>	Session 13	Working group exercise
<b>1330-1500</b>	Session 14	Working group exercise
<b>1500-1530</b>		Closing session

## METHODOLOGY

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The face-to-face training course will include

- Instructor-led presentations,
- Case studies,
- Group exercises
- Assignments

## COURSE COORDINATION

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<p><b>Training coordinators: NBTC</b></p> <p><b>Ms. Bongkod Kongchaisareeoahb</b> Office of the National Broadcasting and Telecommunications Commission 87, Pahonyothin Road Payathai, Bangkok 10400 Thailand Tel No.: +66 2 2727054 Fax No.: +66 2 2781736 E-mail: <a href="mailto:inter_org@nbt.go.th">inter_org@nbt.go.th</a>, <a href="mailto:Bongkod.k@nbt.go.th">Bongkod.k@nbt.go.th</a></p>	<p><b>Training coordinators: NIA</b></p> <p><b>Ms. Jiyoung Seol</b> Manager NIA, Seogwipo-si, Jeju-do, Korea <a href="mailto:seolji0@nia.or.kr">seolji0@nia.or.kr</a> (Email) +82 64 909 3045 (Work)</p>	<p><b>ITU coordinator:</b></p> <p><b>Mr. Ashish Narayan</b> Program Co-ordinator, ITU Regional Office for Asia-Pacific 5th Floor, Thailand Post Training Centre, 111 Moo3 Chaengwattana Road, Laksi Bangkok 10210, Thailand <a href="mailto:ashish.narayan@itu.int">ashish.narayan@itu.int</a> (Email) +66 257 500 55 (Work) +66 257 535 07 (Fax)</p>
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## REGISTRATION

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### ITU Academy portal account

Registration should be made online at the ITU Academy portal. To be able to register for the course you **MUST** first create an account in the ITU Academy portal at the following address:

<https://academy.itu.int/index.php/user/register>.

### Training registration

When you have an existing account or created a new account, you can register for the course online at the following link: <https://academy.itu.int/training-courses/full-catalogue/artificial-intelligence-overview-and-applications>

You can register by finding your desired course in our training catalogue <https://academy.itu.int/index.php/training-courses/full-catalogue>.

### Payment

There is no training fees applicable for the course owing to the kind support of NBTC and NIA. However, participants are expected to bear all costs pertaining to their participation e.g. air travel, accommodation, meals, incidentals, insurance etc.