2024 Summer Intensive Course in OIT
Guidance for Seminar on IP system in the future

Moderators:
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Seminar dates:
August 26th-31th, 2024 at Graduate school of Intellectual Property, Osaka Institute of Technology

Course Description and Objectives:

When working on intellectual property, the most important thing is the ability to imagine the future society. For example, when deciding whether to apply for a patent, the person in charge of IP at a company must decide which country to apply for, while considering the world 20 years from now. Intellectual property strategies in companies needs market forecasts in future society in the world.

In recent years, the social environment has changed rapidly, and intellectual property systems are also expected to change significantly depending on the society in the future. We don't know if current patent and copyright systems will still exist or not. In fact, revisions to intellectual property laws due to the spread of AI are being discussed internationally. There are also discussions on how to protect transactions in the virtual world called the Metaverse with intellectual property, how the IP system could push forward the SDGs goals between advanced countries and developing countries, how IP would protect advanced medical technology by considering global health ethics, or how to protect intellectual property in the outer space for the progress of space utilization business.

This seminar will introduce the participants the general background of aforesaid issues and further require the participants divided into plural teams to engage in discussions as well as to cooperate for their team presentation. The goal of this seminar is to let the Taiwanese and Japanese students to have more opportunity to interact and cooperation,

as well as to let the students gain more international exchange experience in 2024 Summer Intensive Course at OIT.

For the goal of course, participants should select one of the following issues and review the references below, before the course begin.

Course Layouts:

The moderators will begin with a lecture to introduce the background and the topics that they would advise the participants to focus in their team discussions. Then the participants will be divided into plural teams, comprising of participants from different universities (team list will be announced before the course begin), and they will engage with their discussions and preparations for their group presentations. The presentation is required to have the following two items in relation to your selected issue. （1）What kind of society do you imagine 20 years from now?（2）What kind of IP system is suitable for the society? On the final day, the teams will each present their presentation in 20 minutes, then the professors from Taiwan and Japan will raise their questions and give their comments.

In order to give incentives to students, each presentation will be examined as a contest and award will be given to a team with excellent presentation.

Suggested Discussion Topics:

Issues 1 AI and IP system

Should we regulate AI inventions or AI works as IP?

・Inventorship and ownership

・Patentable subject matter and patentability

・Inventive step and Non-obviousness

・Disclosure

・General Policy

Issues 2 Metaverse and IP system

Should IP is protected in the virtual world? If so, how we protect IP not in the real world?

・Metaverse, NFTs and IP rights to regulate or not to regulate ?

・IP ownership in the virtual world

・Enforcement of IP in the virtual world

Issues 3 SDGs and IP system

How IP system push forward global issues such as climate change, genetic resources and traditional knowledge, energy problems, food crisis in the world?

・Current IP system by country is effective for global issues?

・IP system for suppressing economic disparity

・IP system for suppressing information disparity

・ IP system beyond developed and developing countries

・WIPO Green or any other international programs

Issues 4 Health and IP system

How IP protect advanced medical technologies for global health ethics?

・Timely access to pandemic products

・Cloning patents for human

・Exceptions or limitations to patent rights

・Compulsory License

・Government Use

Issues 5 Outer space and IP system

Outer space does not belong to national territory, how we protect IP in the outer space?

・Applicability of national/regional IP law in outer space

・Enforcement of IP rights in outer space

・Role of arbitration and mediation

・Synergy with other international obligations and morality

・Interpretation of Art.5 of Paris Convention

・Ownership and entitlement

References:

・Issue 1:AI and IP

REVISED ISSUES PAPER ON INTELLECTUAL PROPERTY POLICY AND ARTIFICIAL INTELLIGENCE by WIPO

https://www.wipo.int/edocs/mdocs/mdocs/en/wipo_ip_ai_2_ge_20/wipo_ip_ai_2_ge_20_1_rev.pdf

・Issue 2:Metaverse and IP

WIPO MAGAZINE: The metaverse, NFTs and IP rights: to regulate or not to regulate?

https://www.wipo.int/wipo_magazine/en/2022/02/article_0002.html

・Issue 3:SDGand IP

Sustainable Development Goals and Intellectual Property by WIPO

https://www.wipo.int/sdgs/en/

WIPO and the sustainable development goals

https://www.wipo.int/sdgs/en/story.html

Genetic Resources, Traditional Knowledge and Traditional Cultural Expression by WIPO

https://www.wipo.int/sdgs/en/story.html

・Issue 4:Health and IP

Promoting Access to Medical Technologies and Innovation by WIPO

https://tind.wipo.int/record/42806

・Issue 5: Outer space and IP

Intellectual Properties and Space Activities by WIPO

https://www.wipo.int/export/sites/www/patent-law/en/developments/pdf/ip_space.pdf