

The history of Medicinal Plant Garden, Josai University

1 Date of establishment : 1973

2 History

1973	Specimen garden and test garden are founded at the same time as the establishment of the faculty of pharmaceutical sciences (3,042 m ²)
1975	Extension of farm 1 (1,210 m ²)
1977	Construction of low-roof greenhouse (77 m ²)
1978	Grade the land around low-roof greenhouse and construct it to a campus exhibition garden (825 m ²)
1979	Construction of high-roof greenhouse (51 m ²)
1980	Attend JAPAN Association of Botanical Gardens
1984	Set up of automatic spraying water device
2015	Extension of farm 2 (1,821 m ²)
2016	Construction of a new low-roof greenhouse, high-roof greenhouse and an administration building (397 m ²) Removal of campus exhibition garden and the old greenhouses

3 Gross area

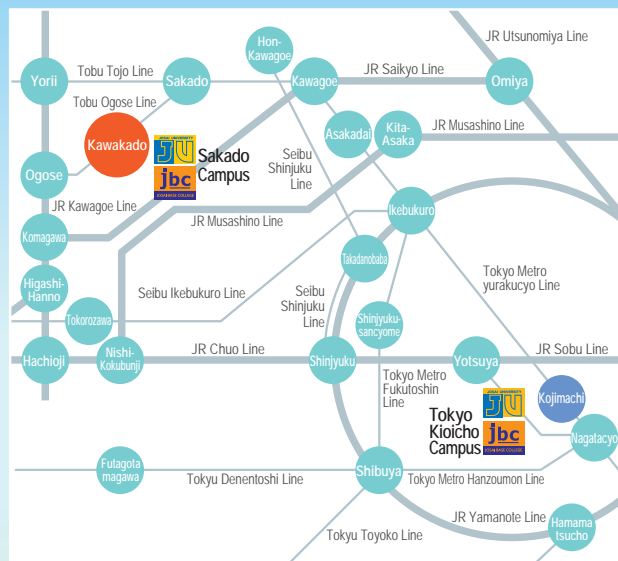
Land : 6,073 m²
Buildings: 397 m²

4 Approximate number of cultivated plants

About 800 species

5 Others

Preservation and cultivation of *Caloscordum inutile*--
Designated natural monuments by Saitama Prefecture
The guidebook of Medicinal Plant Garden, Josai University is exhibited by Japan botanical gardens guide



SAKADO CAMPUS

10-min walk from Kawakado station, Tobu Ogose Line.

15-min ride by shuttle bus from Komagawa station, JR Hachiko Line.



Josai University

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Medicinal Plant Garden, Josai University

城西大学薬用植物園



Medicinal Plant Garden, Josai University

As a part of the commemorative event of the founding of Josai University Educational Corporation, Medicinal Plant Garden, Josai University is built in a public space where is slightly inclined towards south and whose south side faces Komagawa. The garden is divided into two parts, glass greenhouse and administration building.

Glass greenhouse is separated into two buildings. The higher one is 6.7 meters tall, and the lower one is 4.3 meters tall. The glass greenhouse offers a comprehensive educational experience for students, it is used to cultivate precious medicinal plants, and also used as a public facility for open campus participants and those outside the academic.

Not only potted plants, but also dryland plants are exhibited inside.

In addition, owing to its glass construction, greenhouse building is able to adjust hot-water heating in winter, shading and ventilation in summer automatically.

Administration building is a 2-story building with a steel-frame structure. The roof is built in colonial slate style, and the first coat of the wall is made of hollow extrusion molded cement board, completing with tiles, which provides a bright image.

Research room and administrative room are set up on the first floor. Research room is equipped with laboratory table and refrigerator, providing a room for students to do research and collect sampled statistics. On the second floor, there is a reference room and specimen room, used as educational facilities.

Medicinal Plant Garden, Josai University is a facility, from which everyone can enjoy Komagawa's scenery of four seasons and all kinds of plants from the ground.



Place : Saitama-ken, Iruma-gun, Moroyama-machi, Ooza Shimogawara Azanishikawa 1057

City plan : Urbanization control area

Fire prevention : Unspecified

The river act : River conservation zone

Site area : 650.33 m²

Building area, total floor area and construction			Per unit area : m ²
Name	Building area	Total floor	Construction
Administration building	94.77	187.51	Steel, 2-story building
High-roof greenhouse	84.68	84.68	Steel, single-story building
Low-roof greenhouse	114.37	114.37	Steel, single-story building
Boiler room	10.69	10.69	Steel, single-story building
Total	304.51	397.25	

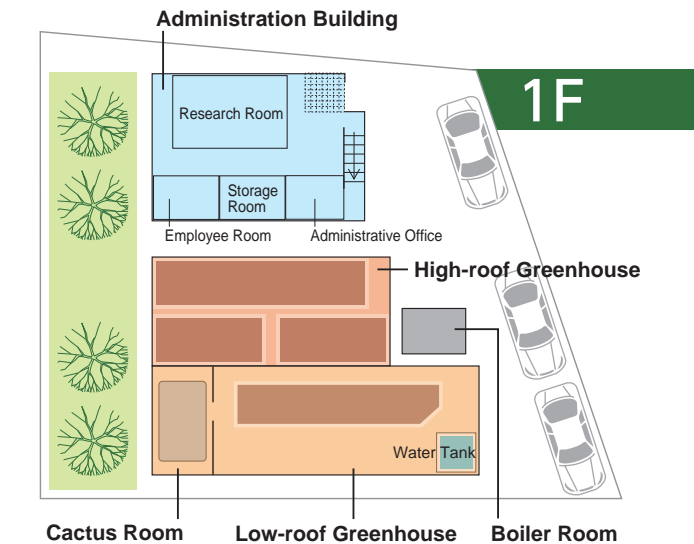
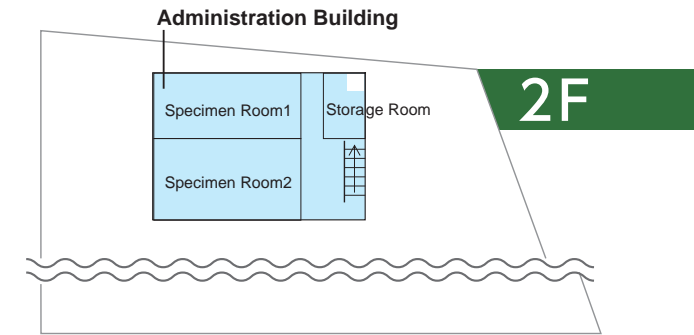
Building coverage ratio : 46.82% (standard : 60%)

Floor area ratio : 61.08% (standard : 200%)

Designer : Watanabe Pipe Co., Ltd

Contractor : Watanabe Pipe Co., Ltd

Construction period : April, 2015 ~ January, 2016



▲ Low-roof Greenhouse



▲ Low-roof Greenhouse



▲ High-roof Greenhouse



▲ Outside View



▲ Research Room