

Prof. Takeshi Iyoda

Laboratory name

Material Design Laboratory

Keyword

Construction Materials, Concrete, Cement Chemistry,
Concrete Technology, Maintenance, Civil Structures

Tasks in the laboratory

We measure the strength and durability of concrete, which is used worldwide as a construction material. We will consider how to design concrete that will be long used. We also connect chemistry and concrete engineering by combining chemical analysis and other techniques. We also work toward maintenance and management. We will conduct actual experiments and analyze the data.

Program period

More than 1 month

Eligibility-school year

- Third year undergraduate
- Fourth year or higher undergraduate
- First year master degree
- Second year or higher master degree
- First year doctoral degree
- Second year doctoral degree
- Third year or higher doctoral degree

Eligibility-student's major/fields

- Mechanical
- Chemistry
- Material
- Electrical
- Electronic
- Computer Science
- Lifescience
- Mathematical
- Civil Engineering
- Architecture
- Engineering and design

Required skills

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Desired skills (Preferred skills)

Punctuality

URL: https://www.shibaura-it.ac.jp/en/research/lab/engineering/civil/takeshi_iyoda.html

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