北陸先端科学技術大学院大学研究室教育指針
Laboratory Education Guideline

研究室教育指針は、学則第３０条の３に基づき、研究指導の方法及び内容並びに修了までの研究指導の計画をあらかじめ明示するものです。
Based on the Article 30-3 of the general academic rules, the Laboratory Education Guideline is intended to clearly outline the methods and content of research guidance, as well as the plan for research guidance until completion.

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1. 研究テーマ ／Research Theme

Nanobiotechnology

2. 修得が期待される能力 ／Competencies expected to be acquired

研究室教育は必修 A 科目（先端）又は研究支援科目（融合）の一部として単位化されており、この欄はそれら科目のシラバス上の達成目標の一部となります。
Laboratory Education is accredited as a part of the Required courses A (Division of Advanced Science and Technology) or Research Support Courses (Division of Transdisciplinary Sciences), and this section constitutes a part of the course goals stated in the syllabus for such subjects.

Basic knowledge about inorganic materials science and cellular biology
Knowledge and techniques regarding nanoparticle synthesis and characterization
Willingness to take on new challenges

3. 研究指導方針 ／Research Guiding Principle

We consistently pursue new research topics. Rather than faculty members dictating research directions to students each time, we adopt a collaborative approach where students themselves determine the next steps through experiments and literature reviews. Throughout this process, we guide students to acquire the essential foundational knowledge and research skills aligned with their post-graduation paths – whether seeking employment or further academic study. Furthermore, we guide students to develop efficient study methods and learning techniques, enabling even those outside the field to engage in cutting-edge research. Please actively consult us about any concerns or research-related questions. Communication skills are also crucial for this purpose, and we support students in acquiring these essential skills for their future careers.

4. 研究室活動の内容及び方法 ／Content and Methods of Laboratory Activities

☐日次活動 ／Daily Activities：
☑週次活動 ／Weekly Activities：
Research progress individually, once a week
Lab meeting, once a week
☑月次活動 ／Monthly Activities：
Presentation in the Lab meeting, once or twice in a month
☑不定期活動 ／Occasional Activities：
Presentation at a conference、The laboratory activities are conducted with Maenosono Lab.

5. 年間スケジュール ／Annual Schedule

本学の全学共通の年間スケジュールは「履修案内」の「学位取得に至るスケジュール」を参照してください。(本学HP 参照：ホーム＞教育＞履修関係＞履修案内)
Please refer to the “Degree conferment schedule for the master’s program/doctoral program” in the “Degree Completion Guide” for university-wide common schedule (JAIST website: Home >Education>Taking Courses>Degree Completion Guide)

・New Student Orientation in the Laboratory (April-August)
・Participation in the Divisional Meeting of Division of Colloid and Surface Chemistry (November, One oral presentation required before graduation)
・Participation in the Hokuriku Regional Meeting of the Chemical Society of Japan (November, M1 students strongly encouraged to attend)
・The Annual Meeting of the Chemical Society of Japan (March, One oral presentation required before graduation.)