

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
Crystal Growth, Solar Cell, Nonlinear Optics
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.
Students can achieve skills in the operation of experimental setup, gas control system, heating system and microscope, and data collection and analysis methods. Communication and problem-solving skills are developed through weekly seminar activities and daily discussions. New discoveries often come from failed experiments. I hope that students will develop skills that will be useful when they join a company after graduation, such as the ability to carefully read features that would normally go unnoticed and the ability to think things through rationally.
3. 研究指導方針 / Research Guiding Principle
Our group has a policy of supporting students' individual initiatives, and their own ideas can be included in their research. A morning meeting is held every weekday, and the activities of each student are shared. Students can also have simple research discussions in the meeting. In a study meeting, held every Saturday, a duty student is required to explain the detail of a journal paper and to answer questions from other students and staffs, by which students can obtain high basic academic skills. Students can actively present their research achievements, and acquire ability to write their own research paper for themselves.
4. 研究室活動の内容及び方法 / Content and Methods of Laboratory Activities
<input type="checkbox"/> 日次活動 / Daily Activities : morning assembly <input type="checkbox"/> 週次活動 / Weekly Activities : seminars <input type="checkbox"/> 月次活動 / Monthly Activities : Individual meetings <input type="checkbox"/> 不定期活動 / Occasional Activities : conference presentations
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)
This laboratory conducts with Professor Keisuke Ohdaira. Apr.: Welcome Party / Classes Begin Jul.: (2nd Year) Symposium of the Japan Photovoltaic Society Sep.: Research Topic Selection / Research Begins (2nd Year) JSAP Autumn Meeting / Mid-term presentation Dec.: Research Plan Presentation / Year-End Party Feb.: (2nd Year) Graduation Review Mar.: Farewell Party

(1st & 2nd Years) JSAP Spring Meeting