

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
Robotics, sensor data processing
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.
Robotics is a special field in which various areas such as mechanical, electronic, computer, control, and instrumentation engineering are seamlessly integrated. Thus, SI (system integration) technology is very important. Depending on the specific research theme, students will be able to acquire a wide range of engineering knowledge. In addition, since we are actively conducting research that is applicable to real sites, students can learn the ability to apply state-of-the-art technology to various problems in our society.
3. 研究指導方針 / Research Guiding Principle
We aim to cultivate human resources who can contribute to society through robot technology. To this end, it is important to understand the requirement in our society and relevant technological trends. Therefore, we are carrying out research topics applicable to real sites. Next, all students are encouraged to make presentations at domestic and international conferences and write journal papers. Finally, students will improve the following abilities: teamwork, communication, presentation skills through regular meetings in our laboratory as well as collaboration with other universities and companies.
4. 研究室活動の内容及び方法 / Content and Methods of Laboratory Activities
<input type="checkbox"/> 週次活動 / Weekly Activities : Regular research meetings (once a week) <input type="checkbox"/> 不定期活動 / Occasional Activities : Individual meetings, literature survey presentation, technical study sessions, conference, internship for credit, welcome parties, and celebration parties
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)
<input type="checkbox"/> Selection and handover of research theme (June–August, M1) <input type="checkbox"/> Research plan presentation (December, M1) <input type="checkbox"/> Writing up research proposal (March, M1) <input type="checkbox"/> Literature survey presentation (March, mandatory for M1, D1) <input type="checkbox"/> Participation at domestic conference ROBOMECH (June, mandatory for M2) <input type="checkbox"/> Midterm presentation (September, M2) <input type="checkbox"/> Presentation at international conference SII (January) <input type="checkbox"/> Degree examination (February, M2) <input type="checkbox"/> Regular research meetings (once a week)