## Requirements of Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences for Scientific Research Achievements of First-level Discipline of Optical Engineering

In order to further standardize the application and award of graduate degrees, ensure the quality of graduate student training and improve the academic level of graduate dissertations, these Requirements are hereby formulated.

- **Article 1** Before applying for a degree, the degree applicants must obtain scientific research achievements in accordance with the regulations of the first-level discipline of optical engineering.
- **Article 2** Before applying for a doctoral degree, graduate students should meet one of the following conditions:
- (1) Publish two (including accepted) academic dissertations related to the discipline as the first author in main stream journals (non-warning journals recognized by the supervisor) in the field of this discipline;
- (2) Those who have made important research achievements in the discipline field or have made outstanding contributions to the discipline field and have been reviewed and approved by the working group of optical engineering discipline may apply for a doctoral degree;
- Article 3 Before applying for a master's degree, graduate students need to have the experience of publishing academic dissertations in official academic journals in their research field in China or abroad as the first author (excluding their supervisor). The academic dissertation published must be consistent with the content of the dissertation, and other academic achievements related to the thesis (generally referring to patents, software copyrights, etc. are encouraged to be published.

Note: No matter what form the research achievements are embodied, they must be the research achievements of the applicant during the semester that are consistent with the content of the dissertation.

Article 4 The supervisor of the degree applicant is the first person responsible for the examination of his academic dissertations and patents, and the academic achievements of the applicant must be reviewed and approved by the supervisor before they can be published.

Academic dissertations published or accepted by degree applicants must be an important part of their dissertations, scientific research achievements independently completed by degree applicants under the guidance of their supervisors, with "Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences" as the first signature unit and the applicant as the first author (or the second author after his supervisor). In addition, the byline of the second or third cooperative unit should be "University of Chinese Academy of Sciences" or "Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences".

**Article 5** Various supervisors may put forward higher requirements according to the actual situation, but he must inform the students at the time of admission and include them in his training plan.

**Article 6** The scientific research achievements of this discipline are required to be implemented from the application for degree batches in the summer of 2022.

**Article 7** The right to revise and interpret the requirements of scientific research achievements of this discipline belongs to the working group of optical engineering discipline.