

Application Guidelines
Seiichi Tejima Research Awards for FY 2021–22

1. Overview

Seiichi Tejima devoted his career to the advancement of engineering education in Japan. He also served for over 25 years as the principal of the two preceding schools of Tokyo Institute of Technology, namely Tokyo Technical School and Tokyo Higher Technical School. When he retired from office in 1917, funds were raised by the dignitaries of political, business, and educational communities, and the Seiichi Tejima Research Awards were established in his honor.

The Institute will once again be awarding prizes this academic year to recognize members of the Institute community (postgraduate students included) for their excellence in research and publications. Calls for applications have been made for the Seiichi Tejima Paper Award, Seiichi Tejima Doctoral Dissertation Award, Seiichi Tejima International Student Research Award, Seiichi Tejima Invention Award, Fujino-Nakamura Young Researcher Award, and Seiichi Tejima Book Award.

2. Description and eligibility

(1) Seiichi Tejima Paper Award

This award is intended to recognize faculty members or groups of faculty members who have published research papers of exceptional standard (in the case of co-authored papers, researchers who are not faculty members of the Institute may form part of the group as long as the main authors fit the description). Selection is based on the content of research papers that were published in academic journals. Only papers written by authors who belonged to the Institute at the time of writing are considered.

Authors must submit their application upon recommendation by a relevant faculty member of the Institute. Up to three papers will be selected, and the authors of each winning paper will receive a certificate and share a prize of JPY 100,000

(2) Seiichi Tejima Doctoral Dissertation Award

This award is open to authors of doctoral dissertations who meet all of the criteria below:

- i) He or she must be 30 years of age or younger (i.e., born on or after April 2, 1991).
- ii) He or she is the author of an outstanding dissertation paper who has (a) completed (or is expecting to complete) his or her doctoral degree program at the Institute, or (b) obtained a doctorate (or a provisional confirmation of degree conferral) with at least a year of enrollment in the Institute's doctoral program.
- iii) He or she submitted a dissertation paper between April 2020 and March 2021.

Authors must submit their application upon recommendation by either their academic

supervisor or a relevant faculty member at the Institute. Papers are judged on content originality and the potential for development of research findings. Up to two papers will be selected from each of the following field categories. Recipients of the award will receive a certificate and a prize of JPY 50,000.

- 1) Mathematics
- 2) Physics
- 3) Chemistry
- 4) Earth Science
- 5) Life Science and Technology
- 6) Materials Science and Engineering
- 7) Applied Chemistry
- 8) Mechanical Engineering
- 9) Electrical and Electronic Engineering
- 10) Information Science
- 11) Construction
- 12) Environmental Studies, Science, and Engineering
- 13) Energy Science and Engineering
- 14) Production and Manufacturing Technology
- 15) Liberal Arts (i.e., Humanities, Social Sciences, Foreign Languages, and Health and Physical Education)
- 16) Interdisciplinary Fields

Applicants may select up to two categories, indicating their first and second choices, in which they wish their dissertation to be considered. A dissertation may be selected in one's second choice of category even if it is not selected in the first. Therefore, we recommend applying via two categories.

(3) Seiichi Tejima International Student Research Award

This award is intended to recognize individuals for their outstanding research achievements during their stay at the Institute as international students. To be eligible, applicants must be (a) a doctoral student at the Institute, (b) an individual who has completed his or her doctoral degree program at the Institute within the last two years, or (c) an individual who has withdrawn from the Institute's doctoral degree program within the last two years upon completing his or her coursework. Selection is based on the content of research papers that have either been published or accepted for publication in academic journals.

Individuals must submit their application upon recommendation by either their academic supervisor or a relevant faculty member at the Institute. Up to five winners will be selected. Recipients of the award will receive a certificate and a prize of JPY 50,000.

(4) Seiichi Tejima Invention Award

The award is intended to recognize faculty members or groups of faculty members for their outstanding inventions (in the case of collaborative work, researchers who are not

faculty members of the Institute may form part of the group as long as the main inventors fit the description). As a general rule, inventions must be a patented employee invention as specified in Article 2, paragraph 2 of the National University Corporation Tokyo Institute of Technology Invention Regulations. Inventions are considered for their originality and novelty, as well as for their marketability and levels of implementation. Faculty members must submit an application upon recommendation by a relevant faculty member of the Institute. Up to five inventions will be selected for the award. The inventors of each invention will receive a certificate and share a prize of JPY 100,000.

Previously rejected inventions may be considered for the award if there are changes in circumstances, such as their implementation becoming fully fledged.

(5) Fujino-Nakamura Young Researcher Award

The award is given to researchers (he or she must be 45 years of age or younger; i.e., born on or after April 2, 1976) who have made outstanding research achievements. A broad range of scientific fields is considered for the award. Individuals must submit an application upon recommendation from a relevant faculty member of the Institute. Students may not apply. Up to two researchers will be selected for the award. The winners will receive a certificate and a prize of JPY 100,000.

It should be noted that this award had previously been two separate awards—the Shiro Fujino Award and Kenjiro Nakamura Award. Having had similar application criteria, the two awards were merged in 2016 with the aim of recognizing outstanding candidates from a larger number of applications.

(6) Seiichi Tejima Book Award

This award is intended to recognize faculty members or groups of faculty members who have published books of exceptional standard (in the case of co-authored books, researchers who are not faculty members of the Institute may form part of the group as long as the main authors fit the description). Selection is based on the content of books published between April 1, 2016 and March 31, 2021. Only books written by authors who belonged to the Institute at the time of the first edition's publication are considered.

Authors must submit an application upon recommendation by a relevant faculty member of the Institute. Up to three books will be selected, and the authors of each winning book will receive a certificate and share a prize of JPY 100,000. Previously rejected books may be considered for the award if there are changes in circumstances.

3. Application period

Application period starts from Monday, June 1, 2021, and ends on Friday, July 2, 2021. Applications beyond this period will not be accepted.

4. Application procedure

Applicants must complete relevant application form(s) available on the Research Promotion Department's website at the following link. Please follow the detailed procedures posted on thi

s website for award entry and submission of documents.

<http://www.rpd.titech.ac.jp/rpdiv/somu/interior/tejima/tejima.htm>

5. Announcement of winners and awards ceremony

Selection will be conducted at the Institute by the Seiichi Tejima Research Awards Committee. Recipients of the awards will be announced in March 2022 and the award ceremony will be held in the same month.

【Contact Information】

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