

**2024 THERS* Interdisciplinary Frontier Next
Generation Researcher Project Application Guidelines
(for Gifu University Students)**

***** Tokai National Higher Education and Research System

For Joint Degree Program (JDP) Students

○ **Recruitment: Applicable Year**

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| Graduate School of Engineering United Graduate School of Agricultural Sciences | Students of JDP scheduled to be enrolled/advance in April, 2024 |
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*For details other than the above, refer to 4. Application Qualifications.

February 2023

2024 THERS Interdisciplinary Frontier Next Generation Researcher Project

Application Guidelines

1. Purpose

The THERS Interdisciplinary Frontier Next Generation Researcher Project (hereinafter referred to as “this project”) aims to resolve various issues facing the world and Japan, and to develop doctoral human resources who will lead a future knowledge-based society. Doctoral students are already at the forefront of research and supporting the foundation of university research. This project will provide financial support to such excellent students, and provide courses for them to acquire the skills required by companies, etc., thereby creating an environment in which they can devote themselves to their research without having to worry about employment.

In addition, by providing opportunities for interaction with doctoral students with different specialties and the students of Nagoya University, the project encourages the development of new research based on original ideas and the creation of fusion research.

This project will be implemented by the JST’s Challenging Research Program for Next Generation Researchers, and THERS.

2. Fields (4) Open to Applications

There are four fields. Each field has its own vision for the human resources it wishes to develop (please refer to Attached table 1).

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|------------------------------------|--|
| I. Bioscience | II. Interdisciplinary & Ground-breaking Sciences |
| III. Decarbonization & Environment | IV. Glocal Research |

Points to Note

- You can apply for any field regardless of your graduate school or major.
- Select your first to third choice of application fields. (However, second and third choices are optional.)

3. Number of Applicants to be Accepted

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| Bioscience | *A few will be accepted through each field, and may be adjusted among fields depending on the state of applications. |
| Interdisciplinary & Ground-breaking Sciences | |
| Decarbonization & Environment | |
| Glocal Research | |

4. Application Qualifications

Those eligible to apply for this project shall be people (including international students) who can complete their studies within the standard period of study and who meet (1)-(2) below.

(1) Terms of enrollment

A student aiming to be enrolled in/advance to the JDP Doctoral Course and are scheduled to be enrolled in/advance to the Doctoral Course of the University in April

2024.

Eligible Departments:

International Joint Department of Integrated Mechanical Engineering between IITG and Gifu University

International Joint Department of Materials Science and Engineering between UKM and Gifu University

International Joint Department of Food Science and Technology between IITG and Gifu University

- (2) An individual who does not fall under any of the following in time of enrollment in/advancement to the Doctoral Course.
- (i) A student who is deemed to be receiving stable income from their university or company, such as a salary or executive remuneration, at a level sufficient to cover living expenses (sufficient amount of living expenses is considered to be 2.4 million yen/year) (excluding wages from part-time works).
 - (ii) An international student receiving a scholarship under the Monbukagakusho Scholarship Program
 - (iii) An international student receiving scholarships from their home country
 - (vi) An individual in the Japan Society for the Promotion of Science's Research Fellowship for Young Scientists

Points to Note

- Please confirm with the office staff that whether it is possible to receive “dual” salary from external organization(s) while receiving the Researcher Grant (“Grant”).
- This application is for “2022 THERS Interdisciplinary Frontier Next Generation Researcher Project” and in order to obtain the Grant, an applicant needs to pass an entrance examination in each graduate school.
- If you decide to withdraw from JDP after you have been accepted for this project and before you enroll, please contact us as soon as possible.
- Please note that this project may be unavoidably terminated due to budget constraints.

5. Researcher Grant

Researchers receive the following financial grants:

- (1) Research support grant: ¥180,000 per month

In principle, this is transferred to the individual's account by the end of each month. As this income is classified as miscellaneous income, a tax return is required every year.

* International students may not be required to file a tax return by following tax treaty procedures.

* “Grant” is classified as income. If a student is a family dependent in time of his/her official certification as “researcher,” he/she needs to purchase the “National Health Insurance” policy. Please notify your family that you are a recipient of the Grant and take out the insurance.

- (2) Research expenses ¥250,000 annually

The University manages research expenses. Expenditures will be made in accordance with the University's accounting procedures and research projects.

* The amounts of (1) the research support grant and (2) research expenses may both be increased if a student is selected as an Excellent Next Generation Researcher based on the results of QE1^{Note 2}, QE2^{Note 3}, etc. conducted at the end of the 1st or 2nd year of

the Doctoral Program.

-Note 1: Qualifying Examination 1 (QE1) (conducted for 1st year doctoral course students, basis for evaluation – completion of studies within the standard period of study, state of progress for international joint research/ interdisciplinary research, IELTS 5.5 and above)

-Note 2: Qualifying Examination 2 (conducted at the end of 2nd year doctoral course, basis for evaluation- completion of studies within the standard period of study, state of progress for international joint research/ interdisciplinary research, IELTS 6.0 and above (N2 for international students, N1 for international students from kanji culture sphere)

6. Payment Period

The grant payment period is three years maximum.

The payment period may be shortened if payment suspension/stoppage requirements are met.

Start of payment: April, 2024

Conditions for the start of payment: To be enrolled in JDP of Gifu University.

7. Application Documents

- (1) THERS Interdisciplinary Frontier Next Generation Researcher Project Application (Form 1)
- (2) THERS Interdisciplinary Frontier Next Generation Researcher Project Application Outline (Form 2)
- (3) THERS Interdisciplinary Frontier Next Generation Researcher Project Application Academic Advisor Evaluation (Form 3)

8. Application Process and Submission Documents

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| Application Submission Period | Monday, February 13 to 17:00, Wednesday, February 22, 2023 |
| The URL for Downloading of Application Forms (Gifu University Website) | (トップ (Top) →教育・学生生活 (Education, Campus Life) →入学料・授業料・奨学金 (Admission, Tuition Fees, Scholarships) <u>https://www.gifu-u.ac.jp/campus_life/scholarship/gufellow.html</u> |
| Submit to | <u>gufellow@gifu-u.ac.jp</u> |

<Forms 1 and 2 Submission Method>

- **The applicant** should submit the Forms 1 and 2 to < gufellow@gifu-u.ac.jp >.
- When submitting, make Forms 1 and 2 into a single PDF and name it with student ID numbers (10 digits) (e.g. 1234567890.pdf).
- Describe your thoughts within the designated spaces (1 page for Form 1, 5 pages for Form 2)

(no changes / deletions of the formats, titles and notifications are allowed)

- Note that the time of acceptance of application is the time of acceptance of application by the University's mail server.
- An applicant who submitted the forms will receive a confirmation mail from the University one or two days after submission (if submission is made on weekends or holidays, a confirmation mail will be sent the following day). If you receive no mail from the University a few days after submission, please send an email to confirm acceptance by the University.

<Form 3 Submission Method>

- **The person who prepared the Evaluation** should submit the Form 3 to <gufellow@gifu-u.ac.jp>
- When submitting, make Forms 3 into a PDF and name it with student ID numbers (10 digits) which are followed by under bar (_) and "Evaluation"
(e.g. 1234567890_Recommendation.pdf).
- Describe your thoughts within the designated space (1 page for Form 3) (no changes / deletions of the formats, titles and notifications are allowed)
- Note that the time of acceptance of application is the time of acceptance of application by the University's mail server.

9. Screening and Results

(1) Screening

We will conduct a 1st screening (document screening) and a 2nd screening (interview screening). However, some applicants who pass the 1st screening may, depending on their 1st screening results, be exempted from the 2nd screening and be accepted based only on the 1st screening. The 2nd screening (interview screening) is conducted for those who pass the 1st screening (document screening), except for those who are exempted from the 2nd screening.

The screening will basically be conducted based on your first choice field, although this may be changed to your second or third choice field, depending on the state of applications.

Points to Note

- The 2nd screening (interview screening) will be held on the following dates and times. Note that we cannot accept any requests regarding dates and times.
- Interviewees will be notified by the e-mail he/she registered at the time of their application.

interview dates

One day within the period from Monday, March 27 through Friday, March 31, 2023

- An applicant will be notified of his/her time and date about 3 days prior to the interview date.
- Depending on the situations, interviewing may take place online.

(2) Screening Policy

Evaluation items are as follows and will be evaluated based on individual factors. Please refer to “Attached table 1” for evaluations in each research field.

- (i) Applicants have the ability to conduct joint research with leading research institutions and companies, including those overseas, or to conduct challenging research in interdisciplinary research areas.
- (ii) Applicants can be fully expected to become outstanding doctoral human resources for the future.
- (iii) Applicants must bring unique research methods, and research targets must be set appropriately within the standard period of study.
- (iv) Applicants must be clearly aware of their career path after obtaining their doctorate and demonstrate the ability to cultivate the capabilities needed over the standard period of study.
- (v) Applicants must meet all standards set by each research field.
- (vi) Considerations are given that applicants are enrolled in “International Joint Department,” etc.

(3) Notification of results

Successful candidates will be notified as follows.

Notification of results **Thursday, April 13, 2022**

An applicant will be notified by the e-mail he/she registered at the time of their application.

10. Obligations of Researchers

Researchers have the following obligations as the Grant recipients.

- (1) Submission of a report on research for the year and a research activity plan for the following year and thereafter.
- (2) Interviews with supervisors, mentors or career counselors.
- (3) Application to the Japan Society for the Promotion of Science’s Research Fellowship for Young Scientists
- (4) QE1 and QE2 examination.
- (5) Participation in the designated lectures/training/seminars, etc. (please refer to Attached table 1)
- (6) Training on the use of public funds and participation in research ethics education designated by the University.
- (7) Cooperation with inquiries after the Researcher period.
- (8) Other matters required by the University.

11. Suspension of Grant Payments

Grant payments will be suspended if any of the following apply.

- (1) Withdrawal, expulsion, or transfer from the University.
- (2) Suspension from the University.
- (3) Poor academic performance.
- (4) Failure to report research results for each year.
- (5) Existence of a reason why grant payments are deemed no longer necessary.
- (6) Application qualification (2) (i)–(iv) is met.
- (7) Existence of facts other than (1)–(6) that are inappropriate for a Researcher.

12. Returning Grant Funds

If there are grant funds that were received despite the individual being ineligible due to the suspension or stoppage of payment, the portion of the funds paid that the individual is not eligible to receive must be returned to the University.

13. Obligation to Cooperate with Inquiries After the Researchship Ends

This system is operated with assistance from JST's Challenging Research Program for Next Generation Researchers. Therefore, surveys may be conducted on participants' current employment status etc. for 10 years following the end of this program. Please note that names, affiliation, tenures, research themes, contact information (email address) are provided to JST. Previous participants may be contacted even after the Researcher period has ended. If your address, place of employment, email address, and so on has changed, be sure to contact the University's points of contact.

Inquiries regarding 2022 THERS Interdisciplinary
Frontier Next Generation Researcher

2021 THERS Interdisciplinary Frontier Next
Generation Researcher Project Section

Student Affairs Division

Student Affairs Department

Gifu University

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