# FY 2024 Application ACT-X Research Proposal

(ACT-X - Form 1)

* Fill in form 1 within one page of A4 paper (observe strictly).
* You may delete notes in blue in this and other forms. When information entered in e-Rad is different from that in research proposal documents, the latter will be considered correct.

|  |  |
| --- | --- |
| Research Area | \*Select one of the Research Area inviting applications in 2024.  (Description Example) ACT-X “ Name of the Research Area” |
| Title of  proposed research project | \*When the theme is in English, describe the theme in Japanese (about 20 characters) along with the English theme |
| Name of Applicant |  |
| Date of birth, age, and gender | Month, Day, Year (Age: as of April 1st, 2024) male / female |
| Affiliated Institution, Section, Title | Describe the affiliation and title accurately without any omission. (i.e., describe Graduate school, Department, Majors, XX laboratory, and project/tenure/associate/assistant professor).  For students, enter the master's / doctoral school year in addition to the department. |
| Academic Background  (University Graduation and after) |  |
| Research history (main research content and work history) | Notes: Delete this textbox of notes in submission.   * To describe the Form 1 to 6, please follow the “Instructions for Preparing a Proposal”. Fill in form 1 on one page of A4-size sheet (no exceptions). * Please delete the notes in blue in this and other forms. * In case that information entered in e-Rad is different from that in research proposal documents, that in this research proposal will be considered correct. Moreover, Pay attention to the unit of budget as Thousand Yen. * Research proposals need to be converted to PDF format before being uploaded to e-Rad. Please use the PDF conversion function of e-Rad for conversion. |
| Information of Applicant | URL: |
| Research period | From October 2024 to March 2027 (2.5 years) |
| Total Research Budget | Total Budget: 　　　thousand yen |
| Institution that executes Research Costs (Institution planning to contract with JST) | (Name of Institution that executes Research Costs. In case of that the research applicant belongs to multiple institutions, choose ONE and describe it in this box.) |

(ACT-X - Form 2)

# Research Proposal Overview

## Outline

* In Form 2, Provide an overall description of the research proposal within one A4-size sheet (no exceptions). Use 10.5 point or larger font size (If these instructions are not followed, the research proposal might not be accepted). Unlike form 3-1 (project description), it is not allowed to cite numbers of papers that are shown in the list of achievements (form 4).
* For the facilitation of comprehension by evaluators, please include figures and tables (color is acceptable) as necessary.

# Project Description

(ACT-X –Form 3-1)

* Clearly state the work to be undertaken. Figures and tables (in color permitted) may be included if necessary.
* For Form 3-1, do not exceed three A4-size sheets (no exceptions). Use 10.5 point or larger font size (If these instructions are not followed, the research proposal might not be accepted).
* In this form of project description, make effective references to the descriptions of achievements listed in Forms 4 to clarify the relationship between the achievement and the research being proposed by the research project applicant. In making the references, the numbers listed in the forms can be quoted in this form.

## 1．Background and Objective

## 2．Target of proposed research project

## 3．Research Plans and Approach

* For each major research item, please describe the specific research items and how to proceed (including problems expected in achieving the goals set in the previous section and their solutions).
* If the total amount of research expenses (direct expenses) exceeds the standard amount, please briefly describe the reason.

\* The standard amount of research expenses (direct expenses) is set for each area. Please be sure to check the “Research Area Overview”, “Research Supervisor’s Policy for Selection" for the research area to apply, and “Explanatory Meeting Material” on the research proposal website.

## 4．Originality and novelty of the proposed research and comparison to current state of similar studies

## 5．Future Prospect of Research

* Concisely describe ideas of the research proposer concerning the scientific and technological impacts that results of this research plan may bring about in the future.

(ACT-X – Form 3-2)

# Research Schedule

* **In Form3-2, describe on one page of A4-size sheet (no exceptions).** If this instruction is not followed, the research proposal might not be accepted.
* Enter the schedule of the proposed research project. (The following is an example of 2.5 years research period.)
* If proposed project consists of several research subthemes, state clearly schedules of each subtheme.
* Length, position, and thickness of arrows can be changed.

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| --- | --- | --- | --- | --- | --- | --- |
| Research Subjects | 2024  Fiscal year  (6 months) | | 2025  Fiscal Year | | 2026  Fiscal Year | |
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(ACT-X – Form 4)

# Research Achievements

**【Author notation in English papers by the applicant：（example）*Taro Kagaku*】**

* In performing selection, evaluators (research supervisor, research area advisor) sometimes search through publication databases to check achievements in detail. This requires the entry of the applicant’s name for publication [author notation in English papers by the applicant].
* In Form 4, describe on three pages of A4-size sheet (no exceptions).

# Information on Other Supports

(ACT-X – Form 5)

* Enter the research project, research period, role, amount of research funds received, and effort for each research project concerning competitive national funding programs (including CREST, PRESTO, ACT-X, AMED-CREST, PRIME) or other research funds (all current research funds for individual research subjects, such as subsidies, grants, joint research funds, contract research funds, etc., including those from overseas) from which the applicant is receiving funds or for which an application is being or is planned to be made. Also see application guideline “Chapter 8.1 Measures against Unreasonable Duplication and Excessive Concentration” and “Chapter 9 Limitations on the Multiple Application within the Strategic Basic Research Programs.”
* Enter this proposed ACT-X project first, followed by other research projects in a descending order of the amount of research funds (for the whole period, only direct cost) the applicant receives.
* Add rows if needed.
* If a student uses the supervisor's e-Rad ID and describes that the effort rate is 1% on the e-Rad, fill out this proposal form with the actual effort ratio (eg, 50%). At that time, enter the percentage (%) of the time spent on ACT-X research out of 40 hours a week as "effort".

(\*) When applying, since the call of FY2021 is made based on the fact that the "Integrated Innovation Strategy 2020" stipulates that "disclosure of information on the status of acceptance of foreign funds is a requirement when applying for research funds." Therefore, it is clarified that research funds from overseas should also be entered in the form of "whether or not there is other support" (or "status of application / acceptance of research funds, etc." depending on the project). In addition to competitive funds, both domestically and internationally, please list all research funds such as grants from private foundations, contract research expenses from companies, and joint research expenses.

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Program**  **(Name of Institution)** | **Status** | **Title of Project**  **（Name of Principal investigator）** | **Research Period** | **Role**  **(Principal Investigator or co-Principal Investigator)** | **Research Fund Received**  **(1) Allocated Budget**  **(For entire period)**  **(2) FY 2024 (planned)**  **(3) FY 2023 (actual)**  **（Thousand yen/unit）** | **FY2024**  **Effort**  **(％)** |
| - | ACT-X  (This application) | Sub-mitted | **Enter the effort ratio in the right box →→→→→→** | | | |  |
| (1) |  |  |  |  |  | (1)  (2)  (3) |  |
| (2) |  |  |  |  |  | (1)  (2)  (3) - |  |
| (3) |  |  |  |  |  | (1)  (2)  (3) |  |

(ACT-X – Form 6)

# Other Special Remarks

* In Form 6, Provide an overall description of other special remarks in two pages or less of A4-size sheets (no exceptions).If this instruction is not followed, the research proposal might not be accepted). For items that have check boxes, please check the applicable ones.
* Please refer to “Chapter 5, 5.1.2 (2)” in the application guidelines and state whether or not you have a conflict of interest.
* Until previous years, research applicant who had a conflict of interest with the research supervisor were excluded from selection, however this will be abolished from FY2024. (refer to Ch 5.1.1)

## Conflict of interest between the applicant and evaluators

(Item 1) Conflict of interest with research supervisor: 　YES　　NO

If YES, state the reason

(Example) The research applicant conducted joint research with the research supervisor on xx project(20xx-20xx). It comes under condition (d) for conflict of interest stipulated in 5.1.2(2).

(Item 2) Conflict of interest with research area advisor(s): 　YES　　NO

If YES,

-Describe the name of research area advisor with conflict of interest: (The Advisor’s Name)

-State the reason

(Example) The research applicant is conducting joint research with the advisor in \*\* project.

It comes under conditions (d) for conflict of interest stipulated for 5.1.2(2).

## Current investment in your organization by JST

Current investment by JST: 　YES　　NO (If Yes, please write down the detail.)

The name of Institution: XXXXXX (president: YYYYYY)

## (Only for those relevant) special notes for efforts by an applicant

Enter the situation and reasons when an applicant needs work hours (effort) for special duties (work of the academic committee or private company job, etc.).

## Other special remarks:

* If you are submitting multiple applications for the same research area, please describe the differences from the previous proposal.
* If you have any plans for a change, please let us know.
* P lease feel free to use any other information such as describing your enthusiasm for this research proposal.

Proposal Preparation Checklist

(ACT-X – Attachment)

***※This checklist should be deleted in submission※***

|  |  |  |
| --- | --- | --- |
| Check | Reference Material | Check |
| Have you completed e-Rad researcher registration? | Chapter 10 |  |
| Have you completed the educational program on research integrity? | Section 8.32 |  |
| Have you confirmed not to violate the conflicts on multiple applications limitations (incl. AMED program)? | Section 9 |  |

**○ Deadline for Submission**

Immediately before the deadline, e-Rad may suffer high system burden. As a result, the application may take a long time, and troubles, including the failure to complete the application, may occur. Try to complete the application well in advance.

**○Forms**

Check the proposal documents for possible omissions before submission. A proposal application may not be accepted if relevant forms have been filled out incorrectly. Also, when converting to PDF format, please use the PDF conversion function of e-Rad.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Item | Main Check Point | Check |
|  | Input of general information on the applicant to e-Rad | All necessary information is provided. File size should not exceed 3MB in total in PDF format. |  |
| Form 1 | Cover of research proposal documents | All necessary information is provided.  Information is matched with e-Rad data.  The form 1 is within one page when converted PDF |  |
| Form 2 | Research Proposal Overview | When converted to PDF format, the form 2 is no more than one page long? 10.5 point or larger font? |  |
| Form 3-1 | Project Description | The form 3-1 is within three pages when converted PDF.  10.5 point or larger font? |  |
| Form 3-2 | Research schedule | The form 3-2 is within one page when converted PDF. |  |
| Form 4 | Research Achievements | When converted to PDF format, the form 4 is no more than three pages long? |  |
| Form 5 | Information on Other Supports | All necessary information is included. Effort for this research proposal is filled in. |  |
| Form 6 | Other Special Remarks | The form 6 is within two pages when converted PDF. |  |
| Memorandum of Confirmation | Required only if you are not in a position to execute research funds, such as a student or JSPS Research Fellow, and cannot become a contracting party. | Did the applicant and supervisor agree on the items on the memorandum of confirmation and convert to PDF? |  |