

Call for Proposals

IIT Madras & Partner JFBMP-Partnership Collaboration Awards Guidelines for Applicants

Purpose

Indian Institute of Technology Madras (IIT Madras) and Norwegian University of Science & Technology (**NTNU**) have identified each other as strategic partners to foster deep collaborations in research and education. The IIT Madras & NTNU JFBMP-Partnership Collaboration Awards (PCA) have been established to facilitate and support joint initiatives that will strengthen the two universities' strategic priorities as well as develop multi-disciplinary cutting-edge research to create academic and societal impact.

In this round of the PCA, applicants are encouraged to submit funding proposals for innovative and sustainable programs built around collaborative research linking IIT Madras and NTNU. Proposals for learning and teaching initiatives may also be considered if included as part of a larger collaborative research proposal.

Proposals should plan for long-term engagement that includes leveraging external funding and publication outputs. Proposals must include a team of participants from both institutions and are encouraged to include PhD or masters by research students, postdocs, Early- and Mid-Career Researchers (EMCR) and researchers on sabbatical leave. Projects which are multidisciplinary in nature are encouraged.

In this round, two proposals will be funded (each with two Investigators; one from IIT Madras and one from NTNU). Each successful proposal may receive up to the equivalent of EUR 7500 from each university for a total of EUR 15000.

1. Eligibility

1.1 Proposals are invited from academic staff from all disciplines at IIT Madras and their affiliated Research Centres and Institutes and Department of Chemical Engineering at NTNU and **we encourage applicants from the field of CO₂ capture, hydrogen and ammonia, recirculation of batteries and plastics, nano medicine, hydro metallurgy, colloids and polymers, crystallization and particle design (but not limited to) to submit proposals.**

1.2 Applicants from affiliated Research Centres and Institutes must be University Title Holders.

1.3 Investigators must be employed on a full-time.

1.4 PhD and masters by research students, post-docs, and research assistants/associates are not eligible to apply as Investigators but they are welcome to join the applications.

1.5 Current recipients of PCA funding whose project is still ongoing and will not have finished by the application close date may apply for concurrent grants but are required to submit a progress report of their current project when submitting their application. The progress report should be an attachment to

the application – single page, narrative update on project progress to date and unexpended award balance.

1.6 Previous recipients of PCA funding whose projects have finished or will have finished by the application close date may only apply for consecutive grants if they have submitted their final report.

2. Duration

Funding from IIT Madras is available till 31st Jan 2026 starting from the date of award.

Funding from NTNU is available till 31st Jan 2026 starting from the date of award.

3. Important Dates

Applications open	23 rd October 2024
Applications close	30 th November 2024
Successful applicants notified	16 th December 2024
Earliest start date for projects	1 st February 2025
Latest date for projects to end	31 st January 2026
Final reports due	31 th March 2026

4. Eligible Grant Activities

4.1 Activities that will be considered for funding include:

- Airfares: Only travel on economy class will be considered
- Other travel expenses (e.g. train, rental car)
- Costs for hosting seminars/conferences or workshops
- Accommodation and subsistence
- Consumables
- Publications and printing costs

4.2 All travel activities must comply with the guidelines of the respective universities.

- **IIT Madras** – All IIT Madras travel must comply with its relevant travel policy. Must apply through workflow, obtain letter of support upon invitation from partner institute, apply for VISA, and post travel to submit bills
- **NTNU** – All NTNU faculty travel must comply with its relevant travel policy

4.3 Activities that will not be considered for funding:

- General teaching;
- An individual staff member's research projects, unless as catalytic funding for the establishment of an international research collaboration with the prospect of external funding;
- Event registration fees;

- Venue hire if event held on campus
- Website development;
- Salaries or salary supplementation, and honoraria (Research/ project assistants may be possible with the approval of JFBMP advisor-Global Engagement IIT Madras/ Finance Manager and Head of School);
- Scholarships for students;
- Course fees for international students;
- Bench fees;
- Mobile phone cards;
- Entertainment costs; and
- Computers, including laptops (excluding access to high-performance computers or other specialised applications that are justified by the project) and basic computing facilities such as printers, word processing and other standard software.

5. Submission Requirements

All proposals must be submitted online and include the following elements:

- JFBMP proposal -PCA Application Form
- Details of team involved and the role and contribution of each member
- Expected outcomes
- Selection criteria (see point 6)
- Project timeline
- Project budget
- CV of the IIT Madras Investigator (maximum two pages in length) which should include:
 - Qualifications, current position, and employment history
 - 10 career-best publications
 - Awards and relevant presentations
 - Current grant income
 - Collaborative track record (limited to 200 words)
- CV of the NTNU Investigator (maximum two pages in length) which should include:
 - Qualifications, current position, and employment history
 - 10 career-best publications
 - Awards and relevant presentations
 - Current grant income
 - Collaborative track record (limited to 200 words)

6. Scoring and Selection Criteria

6.1 Priority is given to applications that align with the strategic research areas of both universities. Applications in other fields showing good prospect of sustainability are also welcome.

6.2 Criteria do not have weightings; proposals are assessed holistically. Each proposal will be assessed according to the selection criteria described below.

Score	Category	Justification
10	Excellent	Proposal successfully addresses all relevant aspects of the criterion. Any shortcomings are minor
7 to 9	Very Good	Proposal addresses the criterion very well, but a small number of shortcomings are present
4 to 6	Good	Proposal addresses the criterion well, but a number of shortcomings are present
1 to 3	Weak	Criterion is inadequately addressed or there are serious inherent weaknesses

Selection Criteria	Description
Quality & Relevance	<ul style="list-style-type: none"> Clearly describe the objectives and methodology to be employed with the project. The alignment with strategic priorities and the objectives of the funding scheme will be considered in combination with the soundness of the concept and credibility of the proposed methodology. Explain how the participants in the research team will bring together the necessary expertise to carry out the project. The 2-page CVs of the Chief Investigators will be taken into consideration. 300 word maximum
Execution	<ul style="list-style-type: none"> Elaborate on the workplan and milestones outlined in the timeframe (there are separate sections in the application form for an outline of activities in the Timeline and Budget). Proposed timeframes and budget estimates should be realistic and appropriate. The long-term plan for engagement to attract research funding and produce publications will be taken into consideration. This section should also address the appropriateness of the allocation of tasks, ensuring that all participants [including PhD or masters by research students, postdocs, Early and Mid-Career Researchers (EMCR)^(*1), and any researchers on Sabbatical Leave] have a valid role and there are adequate resources in the project to enable them to fulfil that role. 300 word maximum
Impact	<ul style="list-style-type: none"> Outline what the participants will gain from the project and how it will contribute to the discipline and field of research. Explain how the project will establish or strengthen a durable cooperation between the universities and participants.

	<ul style="list-style-type: none"> ● Explain how the project will impact beyond the academic sphere (i.e. benefit society, address global challenges, Sustainable Development Goals, etc). ● Explain how the project activities and results will be communicated to different target audiences. ● 300 word maximum
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*1Early-Career Researchers are defined as those within 10 years of award of PhD and Mid-Career Researchers are defined as those between 10-15 years of award of PhD.

7. Expected Outcomes

It is expected that the selected proposal will result in the following outcomes:

Category	Outcome
Research quality and influence	<p>The research:</p> <ul style="list-style-type: none"> - will advance knowledge in the field which addresses an issue of importance - may result in fundamental outcomes - is innovative in concept - will use well established approaches to good effect
Publications	At least one (1) referred publication in a nationally/internationally recognised scholarly journal
External funding	<p>At least one (1) Category 1-3^(*2) national/international competitive grant submission.</p> <p>Details of the external funding bodies to which you plan to submit applications must be identified within the application form.</p> <p>Proof of submission is required in the final report.</p>
Training & education	Supervision and mentoring of visiting PhD students/postdoctoral researchers/ECRs

Joint Workshop	A joint workshop at either institution. This may be in-person, virtual or hybrid.
Conference	A conference presentation. This may be online.

Industry engagement is encouraged, but not expected. If proposals include industry engagement, then details should be provided in the timeline/activities section of the online application.

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Category 1: Competitive grants such as SERB core support, DST extra mural funding, Norway Competitive Grant Research Income. For example, the ARC, NHMRC, MRFF, etc.

Category 2: Other Public Sector Research Funding. Other Indian/Norway Government schemes (including state govt and govt funded bodies)

Category 3: Industry and other Funding for Research. Research grants or contract research with Indian/ Norway or international industry or non-Government agencies. Funding through donations/ CSR (corporate social responsibility) or any other sources

8. Assessment Process

Award selection will be made by a joint committee formed by members of both universities, which reserves final authority over the selection of projects taking into account university and faculty strategic priorities, and the availability of funds.

9. Application Submission

1 A joint proposal (from IITM & NTNU researcher) shall be submitted by IITM researcher through this portal. NTNU researchers need not submit the application separately.

2 Only complete submissions will be considered.

3 Late applications will not be considered.

10. Notification of Application Outcomes

Successful applicants will receive a letter of award outlining the process to accept the award including payment. Feedback on individual applications will not be provided.

11. Change of Investigator

Awardees should contact the Program Coordinator at each institution. Such changes will need to be approved and documented.

12. Extensions

Only under exceptional circumstances will extensions be approved. Requests for extensions must be submitted to the Program Coordinators in writing at least 2 months before project end date and include a revised budget and timeline of activities for consideration.

13. Forfeiture of Grants

Grants must be spent by 31st Jan 2026.

For IITM researchers, the fund can be claimed as per allotted budget, from the ICSR project account created for this mobility program. The funds can be claimed post travel by submitting relevant bills.

For NTNU researchers, the fund claim is as per their institute policy.

14. Financial and Reporting Obligations

1. The funding should only be used for the approved project and in accordance with the proposal and the budget plan. It must not be used for any other purposes and prior approval from both universities is needed for any variation in the budget items. Requests for variations from original proposals must be submitted to both universities for approval.
2. Awardees must adhere to the purchasing guidelines of the respective universities to which reimbursement is to be sought. Reimbursement of each expenditure item will be capped at the approved amount.
3. Awardees must submit a **final report** to the respective campus coordinators at IIT Madras and NTNU. The final report must be completed by **31th March 2026**.
4. The activation of research funding accounts/submission of claims are not tied to ethics/other approvals being obtained. It is the responsibility of Investigators to ensure that no work requiring approval is commenced until such approvals are in place.

15. Marketing and Communications

Awardees may be contacted by the Office of Global Engagement publicity/social media team IIT Madras/ Department of Chemical Engineering, NTNU, for the purposes of promoting their successful funding application and informing others of their research.

16. Publications

Any publications (e.g. abstracts, articles) or dissemination (e.g. public presentations) arising from activities supported by the PCA should acknowledge assistance received from the PCA and copies or notification should be submitted to the Office of Global & Research Engagement at IIT Madras and the Department of Chemical Engineering at NTNU. The standard acknowledgment is "IIT-Madras- NTNU JFBMP Partnership Collaboration Awards".

Further Information

For further information please contact the campus coordinators:

IIT Madras	NTNU
Prof Satyanarayanan Seshadri – Advisor, Mobility Programs, Global Engagement	Prof Jens-Petter Andreassen Head of the Department, Chemical Engineering
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