

# **Indian Institute of Chemical Engineers, Northern Regional Centre (IChE-NRC)**

## **Call for R&D Project Proposal (2026-2027)**

### **1. About IChE-NRC**

Indian Institute of Chemical Engineers (IChE) is the apex professional society of Chemical Engineers in India. IChE is a confluence of streams of professionals from academia, research institutes and industry. It provides them the appropriate forum for joint endeavors, hand in hand, to work for human well-being through application of chemical engineering/technology and allied sciences. The IChE has about 50 regional centres operating in the country. It is a society and non-profit institution.

The Northern Regional Centre (NRC) is one of the most active regional centres and it is abbreviated as IChE-NRC. The purpose and activities of IChE are summarized below:

- Imparting education / training of young Engineers / Students.
- Promoting and supporting research on chemical engineering problems.
- Promoting advancement of chemical engineering science / professionals.
- Conducting examination of AMIChE for improving career prospects.
- Conducting meetings and transacting business on administrative, academic and technical matters relating to profession of chemical engineering.
- Granting awards, donations, scholarships etc. to such persons as may be deemed fit, on the basis of merit-cum-means.
- Conducting short-term courses for students of chemical and allied engineering.
- Conducting seminars on topical subjects of national development and submitting recommendation to the govt.

### **IChE-NRC call for R&D Project Proposal**

#### **2. Scope**

- a. The research proposal should fall on fundamental or applied field of Chemical Engineering/Technology and Allied Domain.
- b. Experimental/theoretical study should be conducted.
- c. Research on a particular technology can be done to generate blue paper.

#### **3. Eligibility**

- a. Principal Investigator (PI) should be from the government Institution/organization.
- b. The Co-Principal Investigator (Co-PI) can be from any organization/institution.
- c. The institution/organizations of PI and Co-PI should fall under IChE-NRC region.
- d. The PI and Co-PI should be the member of IChE.

- e. The PI and Co-PI of the proposal should have good track record.
- f. The PI must have enough facilities to conduct the theoretical/ experimental study.

#### **4. Funding**

Maximum funding can be:

- Rs. 10 Lakh for experimental research work involving laboratory,
- Rs. 6 Lakh for research involving only theoretical work,
- Rs. 1.5 Lakh for creating document related to high level technology assessment, technology readiness, futuristic technology, technology roadmap etc.

#### **5. Duration**

Maximum duration of the proposal can be upto 2 years.

#### **6. Other guidelines**

- a. No PI can take up more than 1 project at a time.
- b. Project funding will be provided to the PI's Institution/organization with upto 5% of the Institute overheads.
- c. Acknowledgement of the funding must be done by the **PIs** wherever the research work is disseminated (research paper/conference/document/thesis etc)

#### **7. Project Proposal Format and Submission**

The project should be submitted to [director.iichenrc@gmail.com](mailto:director.iichenrc@gmail.com) with subject line as "IChE-NRC Research Project Proposal", by **10 July, 2026** till 5 pm. The format of the proposal is given in the annexure-1. Please ensure following documents are attached.

- a. Complete project proposal as per Annexure-1
- b. Biodata of PI and Co-PI as per the format in Annexure-1
- c. Certificate by the Investigators as per Annexure-2
- d. Endorsement by the Institute/Organization as per Annexure-3

## **Format for Proposal**

***(Point 1-11: Proposal must be within 10 pages:)***

- 1. Title of the Project:**
- 2. Summary of the Project** (*Include the background, objectives, methodology and potential impact of your proposed study*):
- 3. Background** (*Detail the background and relevance of the proposed study and the challenges that you want to address through this proposal*):
- 4. Aim of the study and research objectives** (*How the project's aim will be achieved through the research objectives*):
- 5. Current state-of-the-art** (*Overview of literature review and justification for the proposed study*):
- 6. Preliminary Data** (*if any*):
- 7. Research Methodology** (*Description of the overall research work to be conducted*):
- 8. Project plan and timeline** (*Provide a Gantt chart indicating important activities with indicated number of months*):
- 9. Facilities available at your organization that are relevant during the implementation of the project:**
- 10. Facilities required for the implementation of the project:**
- 11. Budget details** (*year-wise disbursement of funds with indicated heads along with institute overhead*):

Sr. No.	Budget Head	Expenditure		Total
		Year 1	Year 2	
1.	Equipment (Non-recurring)			
2.	Staffs			

3.	Consumable			
4.	Contingency			
5.	Travel			
6.	Institute Overhead (@5%)			
<b>Total</b>				

*Please include justification of the fund sought.*

## 12. PI and Co-PI details:

*Include a biodata containing the following:*

- i. Name and present affiliation:
- ii. IICChE membership number:
- iii. Address, phone number, and email id:
- iv. Academic qualifications (in reverse chronology):

University/Institution	Specialization	Degree and Year

- v. Work experience (in reverse chronology):

Position	Department	Univ./Institution/Lab.	From (mm/yy)	To (mm/yy)

- vi. Key publications/patents/books/chapters (preferably during the last five years):
- vii. Details of funded projects under implementation or completed:

Sr. No.	Title	Duration	Funding agency

- viii. Awards, fellowship, and prizes:
- ix. Professional membership:
- x. Any other relevant information:

## **Certificate from the Investigator(s)**

**Project Title:**

1. I/We agree to abide by the terms and conditions of the R&D grant.
2. Acknowledgement of the funding must be done by the PIs wherever the research work is disseminated (research paper/conference/document/thesis etc.).
3. I/We have explored and ensured that equipment and basic facilities (enumerated in the proposal) will be available as and when required for the project.
4. I/We have enclosed the Endorsement from the Head of Institution.

(Name and Signature)

(Name and Signature)

Co-principal Investigator (Co-PI)

Principal Investigator (PI)

Date:

Date:

Place:

Place:

## **Endorsement from the Head of the Institution**

(To be given on Letter Head)

**Project Title:**

1. Certified that the Institute/Organisation welcomes the participation of ..... as the Principal Investigator and .....as the other investigator for the project.
2. Certified that the equipment and other basic facilities and other administrative facilities as per the terms and conditions of the grant, will be extended to the investigator(s) throughout the project.

Name and Signature  
Head of the Institution

Date:

Place: