

Call for INDEE+ Post-Doctoral Fellowship (I-PDF)

Interested researchers can submit their credentials till 1st August 2021

Objective and Instructions

INDEE+ Post-Doctoral Fellowship (I-PDF) is aimed to identify, encourage, and support the young motivated bright researchers for doing research in the frontier area of Refrigeration and Heat Pumping Technologies. The researcher position is fixed for a period of three years (non-extendable). The fellows will work under a mentor from one of the four Indian Institutes (host) and NTNU, Norway (lead institute), and it is trusted that the INDEE+ network will facilitate the fellows with an effective platform to develop as an independent researcher. Moreover, I-PDF facilitates the research positions in host institutes with gender equality.

Duties

The postdoctoral fellow is expected to develop and follow the implementation, commissioning and operation phase of various efficient refrigeration and heat pumping demonstration devices of INDEE+ across India. To facilitate this effort, the fellow will have access to various state-of-the-art facilities in the host institute and the demo sites in India. The fellow is expected to demonstrate enthusiasm and passion for research, intellectual creativity, and teamwork. During the fellowship period of three years, each fellow is required to publish at least one research paper per year in peer reviewed journals of repute on the theme of the research undertaken. The fellows will be encouraged to attend and contribute actively to the technology transfer events, meetings, workshops and other outreach activities targeting relevant stakeholders, dissemination efforts and training activities of INDEE+.

Eligibility

- The applicant should be an Indian citizen.
- The applicant must have obtained Ph. D. degree from a recognized university, training in Thermal Engineering with experience in refrigeration technology, heat exchanger design, or system modelling would be preferred.
- The upper age limit for the fellowship is 40 years at the time of the submission of application.
- The applicant must have submitted the Ph. D. before 1st August 2021.

Nature & Duration of Support

- The fellowship is tenable only in India and can be implemented in any of the following recognized Indian institutions.
 - Indian Institute of Technology Madras (IIT M)
 - Indian Institute of Sciences Bangalore (IISc)
 - Birla Institute of Technology and Science, Pilani (Pilani Campus)
 - Central Institute of Fisheries Technology (CIFT)
- The fellowship is purely a temporary assignment and is tenable for a period of 36 months (strictly).

- The fellows will be entitled to receive fellowship INR 70,000 with an additional provision of a contingency reimbursement.
- The fellows will be entitled to have a student exchange provision within Indian (partner) and Norwegian (host) institutes.
- Fellows will be provided suitable accommodation on the campus as per availability and host institute rules.
- The fellows are not eligible to receive and perform any other fellowship from any Government or Non-Governmental source during the tenure of the I-PDF.
- The fellows must seek the consent of INDEE+ lead institute (NTNU) if she/he intends to be away from the implementing institute (except for fieldwork related to the project) continuously for a period of more than eight weeks.
- Additional funds are available to attend and contribute at national and international events (workshops, conferences, etc.) during INDEE+.

Selection & Mode of Application

- The call for applications for I-PDF will be notified through the project's official website <https://www.ntnu.edu/indee>.
- The details along with the research credentials should be submitted to armin.hafner@ntnu.no and simarleo89@gmail.com before the last date.
- The shortlisted candidates will be called for a personal/virtual interview.
- Selection will be based on the recommendations of an Expert Committee which will be constituted by the Lead Institute (NTNU).

Documents required (in PDF) should be in prescribed format

- Cover letter and Biodata (format attached)
- Age Proof certificate (Aadhar Card or Passport)
- Qualification certificate (Degrees)
- Letter of recommendation from the previous Supervisor.

Joining of Fellowship

The scholar must join the fellowship program within one month from the date of issue of the award letter by submitting all required documents through the affiliating/administering institution. The joining date (1st September 2021) may be extended by the lead institute (NTNU) only in exceptional circumstances.

Monitoring and Termination of Fellowship

- Regular monitoring of Fellowship is done based on six months progress and annual Report submitted by the fellow.
- If any fellow wishes to terminate the fellowship, she/he shall inform the lead institute (NTNU) through the mentor and host institute.

- Lead institute and the host institute reserve the right to terminate the Fellowship at any stage if it is convinced that appropriate progress is not being made or the grant has not been utilized properly.

Leave

I-PDFs are entitled to leaves as per the rules of the host institute. Participation in scientific workshops held in India will be treated as on duty. Maternity leave as per the Govt. of India instructions issued from time to time would be available to female candidates in all categories.

Other Conditions

- The fellow should not have been subjected to any disciplinary/legal action /proceedings /financial penalties in his/her career.
- The reports submitted (including progress reports) by the fellow will be considered as satisfactory only after final recommendation or acceptance by the expert of the lead institute.
- A maximum of two months can be granted by the host institute for submission of the final report after completion of the fellowship term without any financial implication.

BIO-DATA

1. Name and full correspondence address:
2. Email(s) and contact number(s):
3. Date of Birth:
4. Gender (M/F):
5. Academic Qualification (Matric Onwards)

S. No.	Degree	Year of passing	Subjects	University	Marks percentage

6. Ph. D. Thesis

Thesis Title:

Supervisor:

University/Institute:

Year of Award:

7. Professional Recognition (Award/Prize/Certificate/Fellowship received)

S. No.	Name of Award	Awarding Agency	Year

8. Publications (*List of papers published in SCI Journals, in year wise descending order*)

S. No.	Author	Title	Name of the Journal	Volume	Page	Year

9. Publications (*List of papers published in Scopus Journals, in year wise descending order*)

S. No.	Author	Title	Name of the Journal	Volume	Page	Year

10. Publications (*List of papers published in Conference Proceedings, in year wise descending order*)

S. No.	Author	Title	Name of the Conference	Volume	Page	Year

11. Other Credentials (Patents, work experience, etc.):

12. Motivation letter / draft proposal for initial scientific work within INDEE+:

13. Preferred Indian Institute to Join