



CENTRE FOR INDUSTRIAL CONSULTANCY AND SPONSORED RESEARCH
INDIAN INSTITUTE OF TECHNOLOGY MADRAS
CHENNAI – 600 036

Advertisement No.: ICSR/PR/Advt.156/2021 Dated: 14.07.2021

Applications are invited for the temporary post of **I-PDF** in the Department of **Mechanical Engineering**, IIT Madras.

Co-ordinator: Prof. Prakash Maiya, Dept of Mechanical Engineering.

Duration: Initially for a period of one year but extendable based on the performance.

S. No	Post	Qualification and Experience	Pay
1	I-PDF	<p>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.</p> <p>The applicant must have submitted the Ph. D. before 1st August 2021.</p>	Rs. 70,000K

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, simarleo89@gmail.com and satya@iitm.ac.in 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).
- Application should also be submitted in the ICSR Portal.

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.

General Instructions to the candidates

- 1) All the positions are on purely contract basis.
- 2) The completion of the period of contract will not confer any right for further extension, regularization, permanency at the Institute.
- 3) Candidates can apply online in the website <https://icandsr.iitm.ac.in/recruitment/> - **(Please check the advertisement number Advt.156/2021 displayed and submit the application for the relevant position).**
- 4) Separate application has to be filled for each post.
- 5) The system will accept single application only with the registered login ID (email) for an advertisement, hence the candidate is requested to select the multiple positions (In case, he/she wishes to apply for more than one position) before the submission of application.
- 6) The application cannot be edited, reverted once it is submitted.
- 7) Candidates should not attempt to apply twice for the same post. If multiple applications are received from a candidate for the same post, his/her candidature will liable to be rejected.
- 8) Candidates should follow the prescribed procedure for submission of online application.
- 9) Candidates are advised to fill their correct and active e-mail addresses in the online application as all correspondence will be made by the Institute through e-mail only.
- 10) The candidates applying for any post should ensure that they fulfil all the eligibility conditions for the post. Their admission to any stage of the selection process will be purely provisional subject to confirmation that they satisfy the prescribed eligibility conditions. Mere issue of registration certificate / call letter to the candidate will not imply that his/her candidature has been found eligible.
- 11) After successful online submission of application, a print out of the application form must be obtained and submitted when called for test. It will be required at the time of document verification/test/interview. Hard copy of the application is NOT to be sent to the Institute.
- 12) Candidates must be citizens of India. Persons who have migrated from Pakistan with the intention of permanently settling in India or subjects of Nepal are also eligible, but in their case a certificate of eligibility from the Government of India will be necessary for appointment. Such candidates should apply to the Government of India in the Ministry of Home Affairs for necessary certificate and furnish satisfactory proof of having so applied.
- 13) The prescribed qualifications are minimum and unless specified, they are required for consideration for the post, even if higher qualification has been acquired and the mere fact that a candidate possesses the same will not entitle him/her for being called for interview.
- 14) Relevant experience gained after the minimum qualifying degree will only be taken into consideration. Minimum requirements of qualifications and/or experience can be relaxed in respect of exceptionally outstanding candidates.
- 15) The experience required is relaxable at the discretion of the Institute in the case of candidates belonging to the Scheduled Caste / Scheduled Tribe, if at any stage of selection the competent authority is of the opinion that sufficient number of candidates from these communities possessing the requisite experience are not likely to be available to fill up the vacancy reserved for them.

- 16) The Institute reserves the right to restrict the number of candidates for written / skill test / interview to a reasonable limit on the basis of qualifications, level and relevance of experience higher than the minimum prescribed in the advertisement and other academic achievements. The Institute also reserves the right of rejecting any or all the applications without assigning any reasons therefore.
- 17) Calling a candidate for test/interview merely indicates that it is felt that he/she with others may be suitable for the post and conveys no assurance whatsoever that he/she will be recommended or selected or his/her conditions specified in the application will be accepted.
- 18) Candidates will be short-listed for Test/Interview on the basis of the information provided by them in their online applications. They must ensure that such information is true. If at any subsequent stage or at the time of Test/Interview any information given by them or any claim made by them in their online applications is found to be false, their candidature will be liable to be rejected.
- 19) The Institute shall verify the antecedents or documents submitted by a candidate at any time at the time of appointment or during the tenure of the service. In case, it is detected that the documents submitted by the candidates are fake or the candidate has clandestine antecedents/background and has suppressed the said information, then his services shall be liable to be terminated.
- 20) In case of any inadvertent mistake in the process of selection which may be detected at any stage even after the issue of appointment letter, the Institute reserves the right to modify/ withdraw/ cancel any communication made to the candidates.
- 21) Applicants who are working in **any one of the Project at IIT Madras**, must apply through proper channel otherwise they will be required to produce No-Objection Certificate at the time of document verification/Test/Interview. Candidates without NOC will not be permitted to appear for Test/Interview.
- 22) Candidates may send testimonials from persons intimately acquainted with their work and character. If the applicant is in employment, he/she should submit testimonials from the most recent employer or immediate superior as a referee.
- 23) The Institute has a right to decide the mode of screening and testing the applicant for short listing and selection.
- 24) The Institute solely reserves the right not to fill any advertised position without assigning any reason
- 25) Only shortlisted applicants will be contacted.
- 26) No correspondence whatsoever will be entertained from candidates regarding conduct and result of test/interview and reasons for not being called for interview. Canvassing in any form will be a disqualification.
- 27) The crucial date for determining the eligibility criteria for all candidates in every respect shall be the prescribed closing date for submission of online application.
- 28) The Institute strives to have a workforce which reflects gender balance and women candidates are encouraged to apply.
- 29) Any corrigendum/clarifications on this advertisement, if necessary, shall be uploaded on website and no separate communication will be sent for this purpose.

30) The last date for submission of online application is 30.07.2021

- 31) If there is any issue to submit the application please send E-mail to : recruitment@imail.iitm.ac.in / icsrrecruitment@iitm.ac.in **Contact: 044- 2257 8357** on all working days from **9.00 AM to 05.30 PM (Monday to Friday – except National Holidays)**. (Please note, only technical issues will be accepted – No interim correspondence with reference to the selection process will be considered).
- 32) **Instructions to apply online:-**Eligible applicants would require to register and apply online through <https://icandsr.iitm.ac.in/recruitment/> and submit the application.

Sd/-

Senior Manager –HR
Centre for IC&SR
IIT Madras