# Post-Doctoral Fellow with Nuclear Engineering and Technology

The Nuclear Engineering and Technology (NET) Program of Indian Institute of Technology Kanpur (IIT-K) invites application for a Post-Doctoral Fellow with expertise in radiation detection, measurements, and health physics. The applicant must have completed their Ph.D. in Nuclear Engineering or have experience working in the field after their Ph.D.

The application should be addressed to the Head of the Department of Mechanical Engineering, IIT-K and should be accompanied by the detailed CV with names and contact address (including e-mail address) of three referees and a research plan which will be undertaken at IIT-K. The Post-Doctoral Fellowship is offered for a period of three year (Fellowship amount is Rs 40,000/- (consolidated) per month in the first year with Rs 5,000/- increase per year in the subsequent years) subjected to satisfactory performance of the candidate. The post is temporary (renewable up to a maximum of three years) and carries standard benefits as applicable to PG students of IIT Kanpur.

The application should be sent

Head, Dept. of Mechanical Engineering

IIT-Kanpur

Kanpur, U.P. 208016

An email with the same documents should be sent [shikhap@iitk.ac.in](mailto:shikhap@iitk.ac.in)

Job Requirements and Responsibilities

1. Manage the various nuclear labs in consultation with the NET faculty members
   1. maintain a thorough record of the sources and continuity of knowledge
   2. have an excellent knowledge of various radiation detectors and electronics
2. Help write, initiate, and execute research proposals in consultation with the NET faculty
3. Help students on topics such as scientific writing, data processing and coding
4. Obtain certification for a Radiation Safety Officer from the Atomic Energy Regulatory Board

Remunerations and Benefits

1. Fellowship amount will be ~ INR 40,000/- per month for the first year, ~45,000/- per month for

the second year and ~ INR 50,000/- per month for the third year.

1. The candidate will also get ~INR 1,00,000/- per year for travel and contingency.
2. Medical benefits for Post Doctoral Fellows will be same as those of registered lIT Kanpur students.
3. Campus facilities for Post Doctoral Fellows will be same as those of registered students of lIT-K. Thus they will enjoy the same benefits as registered students with respect to Computer Center, Central Library, Swimming Pool etc.
4. Leave rules for Post Doctoral Fellows will be same as the leave rules of PG students of lIT-K.