



10th Feb 2021

Advertisement for a Postdoctoral Fellow in the Department of Mechanical Engineering

Ropar Mechanics of Materials Laboratory, Department of Mechanical Engineering, IIT Ropar (www.iitrpr.ac.in/rmml) is looking for a postdoctoral research fellow to work on the experimental project *Development of Micro Injection Molding Process for Manufacturing of Bioresorbable Polymeric Stents*. The position is contractual (renewable up to three years based on satisfactory progress and relevant recommendations on yearly basis), and will be funded by the IIT Ropar under the institute postdoctoral fellowship scheme.

- 1. Fellowship:** As per the institute postdoctoral fellowship (Rs. 40,000/- before viva, Rs. 45,000/- to Rs. 55,000/- after completion of viva and depending upon the experience and qualification).

2. Who can apply?

Candidates with a Ph.D. degree in Mechanical/Chemistry/Physics or a related area who meet one of the following criteria are eligible to apply against this advertisement:

- a. have completed their Ph.D. within the last five years from the date of advertisement.
- b. have submitted the thesis. However, in case of selection, selected candidate has to complete the Ph.D. viva (defense) within three months from the date of joining.
- c. If the candidate has done Ph.D. under the supervision/co-supervision by faculty members of IIT Ropar, 3 years of completion of their Ph.D.
- d. have published papers in the area of synthesis of new polymeric materials or manufacturing of medical/electrochemical devices in international journals of repute and must have good communication and writing skills in English.

3. Project Requirements:

- a. Expertise in synthesis and characterization of polymeric nano-materials
- b. Fabrication and testing of medical or electrochemical devices
- c. Good communication and writing skills in English

4. General Information

1. Short-listed candidates will be called for an interview (offline or online). No TA/DA will be given to candidates for attending the interview.
2. Only shortlisted candidates will be communicated to appear in the interview by email and no other communication in this regard will be entertained.

- 5. Application:** Completely filled and signed application form (enclosed) **along with bio-data** should be sent by email to rmml@iitrpr.ac.in before the deadline. In addition, two



भारतीय प्रौद्योगिकी संस्थान रोपड़
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recommendation letters (1 preferably from the Ph.D. advisor) need to be sent separately by the recommender through email to rmml@iitrpr.ac.in before the deadline. The appended application form (in MS Word format) can also be downloaded from the following link:

<https://www.iitrpr.ac.in/institute-post-doctoral-fellowship>

- 6. Deadline for submitting the application as well as recommendation letters (by email): 5.00 pm (Indian Standard Time) on 24th February 2021.**

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