



# राष्ट्रीय प्रौद्योगिकी संस्थान दिल्ली

## NATIONAL INSTITUTE OF TECHNOLOGY DELHI

(शिक्षा मंत्रालय, भारत सरकार के अधीन एक स्वायत्त संस्थान)

(An autonomous Institute under the aegis of Ministry of Education (Shiksha Mantralaya), Govt. of India)

Plot No. FA7, Zone P1, GT Karnal Road, Delhi-110036, INDIA

दूरभाष/Tele: +9111-33861000, 1001, 1005 फैक्स/ Fax: +9111-27787503,

वेबसाइट/Website: [www.nitdelhi.ac.in](http://www.nitdelhi.ac.in)

Date: 05.03.2025

### Advertisement for the post of JRF in MoEFCC-Funded Project

Advt. No. NITD/MEFCCP/2025/01

Applications are invited from highly motivated and eligible candidates for the posts of **JRF** (Junior Research Fellow) in the Project titled “Feasibility Assessment of Bioelectricity Generation and Optimization of substrate in Coupled Constructed Wetlands for Wastewater Treatment” in the Department of Civil Engineering at the National Institute of Technology Delhi.

<b>Title of the Project</b>	Feasibility Assessment of bioelectricity generation and optimization of substrate in coupled constructed wetlands for wastewater treatment
<b>Duration of the Project</b>	02 years
<b>Sponsoring Agency</b>	Ministry of Environment, Forest and Climate Change (MoEFCC), Government of India
<b>Principal Investigator</b>	Dr. Kapil Kumar Assistant Professor and Head Department of Civil Engineering National Institute of Technology Delhi, India
<b>Name of the post</b>	Junior Research Fellow (JRF)
<b>No. of Vacancy</b>	01
<b>Monthly Emoluments</b>	1. Rs. 37,000 + 30% HRA for those candidates who have qualified NET/GATE <b>or</b> any other National level examinations conducted by Central Government Departments or equivalent and/or their Agencies/ Institutions.  2. 24,000 + 30% HRA for others who do not fall under (1) above, and are designated as Junior Project Fellow (JPF)
<b>Essential Qualification</b>	Post Graduate (PG) Degree in Environmental Science, Biological/Life Sciences and associated streams, Chemistry or equivalent in relevant areas of discipline with NET qualification <b>or</b> any other National level examinations conducted by central government Departments and their agencies and institutions as DST, DBT, DAE, DCS, DRDO, MHRD, ICMR, IIT, IISc, IISER etc with minimum 60% aggregate marks (CGPA $\geq$ 6.5/10) <b>or</b> B. Tech. / B. E. in Environmental / Civil / Chemical Engineering with NET/GATE qualifications <b>or</b> M. Tech/M. E with minimum 60% aggregate marks (CGPA $\geq$ 6.5/10)

<b>Desirable Qualification</b>	<ul style="list-style-type: none"> <li>• Consistent good academic record and knowledge in the relevant area</li> <li>• Prior working experience in Water and Wastewater Treatment, Constructed Wetlands, Pollution Control etc.</li> <li>• GATE/NET/CSIR-JRF/UGC-NET qualified</li> <li>• Proficiency in basic computing skills</li> </ul>
<b>Duration of Appointment</b>	<ul style="list-style-type: none"> <li>• The initial appointment is for one (01) year only which can be extended up to any specified duration or until completion of the Project. The position is co-terminus with the Project.</li> </ul>
<b>Nature of Appointment</b>	<ul style="list-style-type: none"> <li>• The appointment is purely temporary and subject to regular performance review.</li> <li>• It shall be governed by the Research and Consultancy Division of NIT-Delhi (Institute Norms) administrative norms.</li> </ul>
<b>Other Benefits</b>	<ul style="list-style-type: none"> <li>• The selected candidate shall be encouraged to register for Ph. D. at NIT Delhi as per Institute Norms</li> </ul>

### How to APPLY?

- Interested candidates are requested to apply in the prescribed format by 21 March 2025.
- The duly filled Application Form along with all enclosures (CV, mark sheets, degree certificates, GATE scorecard/NET certificate and other relevant documents) must be sent as a single PDF file to the following email ids: [leser@nitdelhi.ac.in](mailto:leser@nitdelhi.ac.in) and [kapilkumar@nitdelhi.ac.in](mailto:kapilkumar@nitdelhi.ac.in)
- In the subject line, please specify “**Application for JRF position in MoEFCC project**”. Provide complete information about all essential eligibility criteria, incomplete applications will be rejected.
- Last date to apply: 21 March 2025

### Candidates are advised to note the following points:

1. The Selection Committee of NIT Delhi reserves the right to fix suitable criteria for shortlisting of eligible candidates.
2. Only shortlisted candidates shall be called for interviews. Mere filling of the application form does not guarantee the Interview Call.
3. Information regarding the date and time of the Interview shall be communicated to the shortlisted candidates only through registered email.
4. The decision of the Selection Committee will be final and abiding.
5. No applications will be accepted after the closing date of applications.
6. Incomplete applications shall be rejected.
7. Candidates should bring duly filled in the attached Application Form on the day of the interview.
8. Candidates should also bring all the original academic certificates and 01 set of self-attested photocopies of the same to support their application along with them on the day of the interview.
9. Candidates are advised to check the Institute website and their respective emails regularly for any relevant updates.

**Dr. Kapil Kumar**  
**(Principal Investigator)**  
HOD and Assistant Professor  
Department of Civil Engineering  
National Institute of Technology Delhi  
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### **Application Form for Project Staff at Civil Engineering Department: MoEFCC Project**

Application for the post of \_\_\_\_\_

#### **Personal Details**

1.	Name		(Affix a Passport size Photograph here)
2.	Father's Name		
3.	Date of Birth		
4.	Place of Birth		
5.	Contact Number		
6.	E-mail Address		
7.	Gender		
8.	Marital Status		
9.	Correspondence Address (Complete Address with Pin Code)		
10.	Permanent Address (Complete Address with Pin Code)		
11.	Category (Gen. / OBC / SC / ST / EWS)		

#### **Educational Details**

(Attach self-attested photocopies in support of each qualification)

(In Chronological order, i.e. starting with the lowest one)

Degree	Subjects	University / Board	Year	CGPA / % Marks

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**Experience Details**

(Teaching / Industry / Research)

(In Chronological Order, i.e. starting with the least recent one)

S. No.	Organization	Position held	Duration (Ex. May 2023 to July 2024, i.e. 01 year & 02 months)	Monthly Salary

**NET / GATE Examination**

(Tick the appropriate and Attach self-attested Photocopy)

<b>Qualification Year</b>	
<b>Discipline</b>	
<b>Score</b>	
<b>Rank</b>	
<b>Marks Obtained</b>	
<b>Validity</b>	

**Other Details**

(Attach separate sheets for relevant information, if required)

<b>Details of Professional Skills</b>	
<b>Title of Project / Dissertation / Thesis</b>	
<b>How the above position is helpful in meeting your career goals? (Max. 250 words)</b>	(Attach a separate sheet)
<b>Details of Research Publication(s) (if any)</b>	(Attach a separate sheet) (Attach a copy of each)
<b>Any other relevant Information</b>	

<b>References (Two)</b>  (Name, Designation and Contact No. of two referees who are familiar with your academic and research background)	1. _____ 2. _____
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**DECLARATION**

I declare that the above information is correct to the best of my knowledge and belief. I understand that my candidature will be canceled if any information is found incorrect at any given period of time.

Date:  
Place:

(Signature of the applicant)  
Name of the candidate: \_\_\_\_\_

**Note:**  
Original Certificates are to be brought at the time of the interview.