जैव प्रौद्योगिकी विभाग
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान, इलाहाबाद
प्रयागराज -211004, उत्तर प्रदेश, भारत
Department of Biotechnology
Motilal Nehru National Institute of Technology Allahabad
Prayagraj-211004, U.P., India

Advertisement No- ___/Biotech/2026-27 **Dated-**

Advertisement for the Post of Junior Research Fellow (On Contract)

Applications are invited from Indian nationals for the post of **Junior Research Fellow (JRF) (on contract)** in research project entitled "**Carbon to Commodity: Algal Bioconversion *******" Project Code: CM5082026 Sanction No. SRTMI/Sanction_order/26/20 dated 19/08/2026 sponsored by Steel Research & Technology Mission of India (SRTMI), Ministry of Steel, Gov. of India.
The duly completed application on prescribed format along with copies of supporting documents must reach to, **The Dean (Research & Consultancy), Motilal Nehru National Institute of Technology, Allahabad, Prayagraj-211004 (U.P.) India** on or before 21 days from the date of advertisement. The envelope should be super scribed as "**Application for the post of Junior Research Fellow (JRF) (on contract)** in the Project **" Carbon to Commodity: Algal Bioconversion *******".** A soft copy of the application should also be sent to **joyabrata@mnnit.ac.in** email address of **Dr. Joyabrata Mal.**

Description and Objectives of the Project: The project is a collaborative project between MNNIT Allahabad, and NIT Hamirpur. At NIT Hamirpur, student will work on development of novel microfluidic device for cost-effective microalgae isolation under the supervision of Dr. Niloy De, while at MNNIT Allahabad large-scale carbon sequestration using microalgae in photobioreactor/open-pond and biomass valorization (for e.g. as biofertilizer) will be done. The position is purely temporary and will be governed by the funding agency rules & service conditions of Office of the Dean (Research & Consultancy), **Motilal Nehru National Institute of Technology, Allahabad, Prayagraj-211004 (U.P.) India**

Number of Position	**:**	1 (One)
Essential Qualifications	**:**	M. Tech/M.Sc. in Biotechnology, Environmental Biotechnology, Biochemical/chemical engineering, Microbiology, Life Sciences, Molecular Biology, Biochemistry, Agriculture Biotechnology, and any other related disciplines with **GATE/NET qualified**
Desirable Experience	:	Research experience in microalgae, biological wastewater treartment, microfluidics and bioreactor, and any other related disciplines **with GATE /NET qualified** ***TRAVELLING will be required for this project**
Fellowship	**:**	**Rs. 37,000.00** per month (Consolidated) + HRA (if applicable) as per extant SRTMI guidelines
Other Benefits	**:**	Accommodation may be available as per the availability and the Institute norms. Candidate selected for the JRF may register for Ph.D. if eligibility conditions as set by institute (CPI 6.5 or 60% marks in M. Tech. and CPI 7.5 or 70% marks in Bachelor's Degree in Engineering/M.Sc.) is met by him/her (In case of SC/ST/PwD as per Institute rule will be followed). Relaxation for SC/ST/PH candidates, institute rules will be followed. Facility of yearly leave, medical benefits etc. may be available as per applicable rules of the project staff.
Age Limit	**:**	28 years on the last date of application (The upper age limit is relaxable up to 5 years in the case of candidates belonging to SC/ST/OBC/PH and women candidates).

Tenure of Appointment : Appointment will be made on contract basis for a period of one year initially, which may be extended depending on the performance evaluation on yearly basis till the end of project. Project will end in **September 2029 tentatively**.

Tenure of Appointment: Appointment will be made on contract **basis for extended period of the project**, which may be extended depending on the performance evaluation.

Note:

1. The applicant will be responsible for the authenticity of information, other documents and photographs submitted.
2. The Institute reserves the right to accept application at any time, and consider candidates of exceptional credentials without applications.
3. Qualification and experience may be relaxed by the Institute at any point of time for otherwise exceptional candidates.
4. Mere, possessing the prescribed qualification does not ensure that the candidate would be called for Interview. The Candidates will be shortlisted on the basis of merit and need of the project.
5. Shortlisted Candidates will be informed by e-mail about the interview date. So, the candidate must provide valid e- mail IDs in their applications.
6. Shortlisted candidates have to present themselves for the interview on the interview date with updated CV and original and attested photocopies of mark sheets/ certificates in support of their academic qualifications. T**he mode of interview will be informed to the shortlisted candidates via the email id provided in the application form.**
7. Applicants in employment (private, government or any other organization) are required to submit a "**No Objection Certificate"** from the employer at the time of interview.
8. No TA/DA will be paid for appearing in the interview.

Name of Project Investigator(PI)	**: Dr. Joyabrata Mal**
Designation	**:** Assistant Professor
Department	**:** Biotechnology
Institute	: MNNIT Allahabad, Prayagraj, Uttar Pradesh, India

Name of Co-PI	**: Dr. Niloy De**
Designation	: Assistant Professor
Department	: Chemical Engineering
Institute	: NIT Hamirpur, Himachal Pradesh, India

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Department of Biotechnology
Motilal Nehru National Institute of Technology Allahabad
Prayagraj-211004, U.P., India

Website: http://www.mnnit.ac.in

For office use only

Application No……

APPLICATION FORM

Advt.No…… **Dated**……

Research Project Entitled- Carbon to Commodity: Algal Bioconversion *******
Sanction letter &Date- SRTMI/Sanction_order/26/20 dated 19/08/2026 Project Code: CM5082026
Funding Agency- SRTMI, Ministry of Steel, Gov. of India
Name of P.I. - Dr. Joyabrata Mal **Name of Co-P.I. –** Dr. Niloy De (NIT Hamirpur)
Name of position- Junior Research Fellow (JRF) (on contract)
Department/Section- Biotechnology

Self Attested recent passport size Photograph

1.	Name of the Candidate (In Capital letter)	
2	Sex (Male/Female)	
3	Marital Status (Married/Unmarried)	
4	Date of Birth	
5	Age as on last date of application	_____Years _____Months _____Days
6	Father's/Husband's Name	
7	PresentContact Address	
8	Permanent Address	
9	Mobile No	
10	E-mail	
11	Nationality	
12	Category	Gen/SC/ST/OBC/PH _____(enclosed attested copy of certificate)
13	NET/GATE	Valid up to_____Score/Rank_____
14	Educational Qualification	

Qualification	Subject/Discipline	Board/Institute/Univ.	Year	% of marks	Div.
10th					
12th					
Graduation (B.Tech/BSc/Other)					
Post Graduation (M.Tech/MSc/Other)					
Other					

***Title of P.G. Thesis:**……

……..

15	Details of Experience in chronological order. Enclose a separate sheet duly authenticated under your signature if necessary							
Organization	**Position**	**Salary/Emoluments**	**Nature of Duties**	**Nature of appointment**	**Period of Experience Year**		**Month**	**Days**

16	Research Publications (Attach list):- if any	Numbers	
i) Research Publications			
ii) International/ Conference/Seminar ./ Symposium Proceeding			
iii) National Conference/Seminar ./Symposium Proceeding			
iv) An attached write-up of understanding about objectives this project in ~ 300 words)			

17	Any other information	
18	Indicated whether you propose to register for PhD at MNNIT, Allahabad. Yes/No	

DECLARATION

I hereby declare that all the statements made in this application are true and complete and nothing has been concealed/ distorted. I am aware that, if at any time I am found to have concealed/distorted any material information, my engagement is liable to be summarily terminated without notice.

Place:
Date:

Signature of the Applicant

Enclosure-Self attested copy of documents

1. Proof of Date of Birth
2. Mark sheets & certificates of all the examination passed
3. Category Certificate, if applicable
4. NET/GATE score card, if passed
5. Experience support, if any