

Malaviya National Institute of Technology Jaipur

Centre for Energy and Environment

Website: <http://www.mnit.ac.in>

Research Associate (RA) position in DBT-GoI sponsored project

Applications are invited for the position of Research Associate (RA) to work in the DBT-New Delhi (Govt. of India) sponsored research project entitled *"Developing and demonstrating microalgae-based CO₂ capture and biomass valorization towards high-performance biomanufacturing of sustainable aviation fuel and biopesticide"* at Centre for Energy and Environment, MNIT Jaipur, Rajasthan. The position is purely temporary and co-terminus with project. The position is initially available for one year, which may be extendable based on the candidate's performance on a yearly basis.

The minimum essential and desirable qualifications for the **RA-I position** are as follows:

Name and no. of the Position	Research Associate - I (RA-I), One (1)
Essential Qualifications	Ph.D./MD/MS/MDS or equivalent degree or having 3 years of research, teaching and design and development experience after MVSc/M.Pharm/ME/M.Tech with at least one research paper in Science Citation Indexed (SCI) journal.
Duration	One year (Extendable up to two years, subject to satisfactory performance)
Emoluments	Rs. 58,000/ + HRA
Desirable Qualifications	• PhD in Engineering, preferably in Energy/Environment/Chemical Engineering/Biotechnology/Biosciences and Bioengineering. Candidate MUST have First-author publications on microalgae CO₂ capture/Microalgae based Biofuels/Microalgae Biorefinery. • Highly motivated, research-oriented candidates with relevant hands-on laboratory experience in the area of microalgae cultivation, photobioreactor design, bioprocessing of algal biomass to biofuels/chemicals and a strong background in the area of biomass conversion and catalysis are encouraged to apply. • Research experience in the relevant area, supported by publications in high-impact peer-reviewed international journals would be a plus. • Professional documentation (written and oral) and presentation skills.

Last Date: 8th Sept 2026

HOW TO APPLY: The candidates interested in the above area of research and for the above post may send their application in prescribed form (format attached) with complete information and attachments (self attested, scanned copy of certificates/publications/documents/degree/award) along with latest CV to the undersigned in soft copy via email to vivekanand.cee@mnit.ac.in as **single pdf document (Multiple files will NOT be entertained) on or before 8th Sept 2026**

Candidates may also note the following points:

1. Selection committee of MNIT Jaipur reserves the right to fix suitable criteria for short-listing of eligible candidates.
2. Candidates will be short listed for the interview based on merit and experience of the candidates. Decision of selection committee will be final. The date and time of interview will be informed by email.
3. Incomplete applications or applications not accompanied by the required certificates/documents will be summarily rejected.
4. Please note that no TA/DA will be given to the candidates called for the interview.
5. The Institute reserves the right to cancel the advertisement at any stage of the recruitment process.
6. Sending only resumes/CV by email will not be considered as a complete application.
7. The interview of the shortlisted candidates will be conducted in the hybrid mode.

For any further information /clarifications, the applicants may contact PI directly by email.

No communications will be entertained for being called/ not- called and/or selected/ not selected for the advertised position.

For any other information/clarifications, the applicants may contact the Principal Investigator:

Dr Vivekanand
Associate Professor
Centre for Energy & Environment
Malaviya National Institute of Technology Jaipur
JLN Marg, Jaipur-302 017
Rajasthan, INDIA
E-mail: vivekanand.cee@mnit.ac.in

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
Centre for Energy & Environment

Application for the post of.....

For office use Received date: Eligible: Yes/No..... Called for Interview: Yes/No Checked the certificate.....
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1. Name:

2. Father's Name:

3. Date of Birth:

4. Contact information:

(i) Telephone with STD Code : (ii) Mobile No:

(iii) Address for Communication.....

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(iv) Email ID:

5. Education Qualification

Class	Discipline	Board/University	Name of School/Institute	Marks Scored (% or CGPA)	Year of passing
10 th					
12 th					
ITI/Diploma					
BE/B.Tech					
ME/M.Tech					
Others					

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6. Total Experience (in years).....

Photograph

7. Experience (Details) : (Attach separate sheet if required)

Organization	Designation	Duration	Responsibilities

8. Publications : (Attach separate sheet if required)

National (Nos)International(Nos)

9. Patents: (Attach separate sheet if required)

10. Workshop/Training programs attended.....

11. Other qualifications/Certified course/relevant information/achievements if any

S.No.	

I have provided correct information as above and I understand that, if found incorrect, I may be disallowed to appear in interview/Test.

Date

Signature of applicant with name

Note:

- **Please attach attested photocopy of supporting documents for column 5 to 11 along with application form.**
- **Original Certificates for verification with one photocopy to be brought at time of interview only.**