



**CENTRE FOR INTER DISCIPLINARY STUDIES (CIDS)  
NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA,  
SURATHKAL, POST SRINIVASNAGAR, MANGALORE -575 025**

Ref: NITK/CIDS/2026/KYG/PEJ - 35

Date: 19-08-2026

**ADVERTISEMENT**

Applications are invited as per the prescribed format from eligible Indian nationals for the below mentioned post in a time bound GAIL-GMPL Industry Research Consultancy project undertaken in the Centre for Inter Disciplinary Studies (CIDS) at NITK Surathkal.

| S. No | Head                                                       | Description                                                                                                                                                                                                                                                                                |
|-------|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | Project Title                                              | Isolation, Identification and Characterization of Granular Start-up Catalyst (GSC) Capable of Degrading Industrial Effluent Containing Terephthalic Acid                                                                                                                                   |
| 2.    | Sponsoring Agency                                          | GAIL-INDIA / GMPL-Mangalore                                                                                                                                                                                                                                                                |
| 3.    | Temporary Position (s)                                     | Post-Doctoral Fellow (PDF) (1 Vacancy)<br>Junior Research Fellow (JRF) (1 to 3 Vacancy)<br>Project Assistant (2 Vacancy)                                                                                                                                                                   |
| 4.    | Consolidated monthly Fellowship Including HRA              | Post-Doctoral Fellow – Rs. 96,000.00<br>Junior Research Fellow – Rs. 44,400.00<br>Project Assistant – Rs. 32,400.00                                                                                                                                                                        |
| 5.    | Principal Investigators<br>&<br>Co-Principal Investigators | Dr. P E JagadeeshBabu (PI), Chemical Engineering<br>Dr. Saikat Dutta (PI), Chemistry<br>Dr. Keyur Raval (Co-PI), Chemical Engineering<br>Dr. Deepak Kumar (Co-PI), Mechanical Engineering<br>Dr. Saranya P (Co-PI), Civil Engineering<br>Dr. K V Gangadharan, Coordinator, Mechanical Engg |
| 6.    | Department/Centre                                          | Centre for Inter Disciplinary Studies (CIDS)<br>&<br>PI's & Co-PI's Parent Departments                                                                                                                                                                                                     |
| 7.    | Duration of Position                                       | 2 Years (Temporary)                                                                                                                                                                                                                                                                        |
| 8.    | Required Qualification & Experience                        | <b><u>For Post-Doctoral Fellow:</u></b><br>PhD in Biotechnology/Biochemistry/Microbiology/and other relevant disciplines, BTech & MTech or Equivalent degree (BSc/MSc) in Biotechnology/Biochemistry/ Microbiology and other relevant disciplines with at least 60% Marks.                 |

|     |                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |                                      | <p><b><u>For Junior Research Fellow:</u></b></p> <p>MTech/MSc or Equivalent degree in Biotechnology/ Biochemistry/ Microbiology/ Chemistry/materials/nanotechnology and other relevant disciplines with appropriate Undergraduate degree with at least 60% marks.</p> <p><b><u>For Project Assistant:</u></b></p> <p>BTech/BSc or Equivalent Degree in Biotechnology/ Biochemistry/ Microbiology/ Chemistry and other relevant discipline with at least 60% marks.</p> <p>Candidates with non-engineering degree should have either UGC-NET qualification or should have obtained their post graduate degree in an CFTIS.</p> <p>For PDF/JRF, candidate with knowledge on microbe isolation, identification, characterisation and other related knowledge will be given preference.</p> |
| 9.  | Age limit                            | 32 Years (relaxed for exceptional candidates)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 10. | More information                     | Candidates can register for PhD programme at NITK Surathkal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 11. | Last date for receipt of application | 31-08-2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

Eligible candidate may apply in the prescribed format (given in page 4 & 5 of this advertisement) along with photo copies of relevant certificates, grade/mark sheets, publications etc., and should reach NITK on or before 31-08-2026 by 5.00 P.M by post/email to the below mentioned address.

|                                                                                                                                                                                       |                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Dr. P E JagadeeshBabu<br>Professor<br>Department of Chemical Engineering<br>National Institute of Technology Karnataka Surathkal<br>P.O: Srinivasanagar, Mangalore, Karnataka- 575025 | E-mail: jagadeesh_78@nitk.edu.in |
|                                                                                                                                                                                       | Tel: +91 9632896086              |

Note: The shortlisted candidates will be informed by E-mail. Shortlisted list will be uploaded in the institute website ([www.nitk.ac.in](http://www.nitk.ac.in)). Selection will be based on qualification, experience and interview. NITK-Surathkal reserves all the right to reject any or all the application without assigning any reasons thereof.



Professor Jagadeesh Babu P E

Department of Chemical Engineering

National Institute of Technology Karnataka Surathkal

P.O: Srinivasanagar, Mangalore, Karnataka-575025

**Application**  
**Under GAIL-India/GMPL-Mangalore Funded Project**  
**In the Centre for Inter Disciplinary Studies, NITK-Mangalore**

1. Post Applied for:
2. Name of the Candidate:
3. Father's Name:
4. Date of Birth: (DD/MM/YYYY)
5. Sex (Male/Female/Other):
6. Marital Status:
7. Category:  
(SC/ST/OBC/PWD/Open)
8. Previous Research experience, if any:  
(use additional sheet if required)
9. Number of Publication(s), if any:  
(use additional sheet if required)
10. GATE/ UGC-NET (Qualified) details:
  - a. Score:
  - b. Rank:
  - c. Specialization:
  - d. Year:
11. Academic Qualification:  
(Starting from Standard 10 or equivalent)

| Name of Exam Passed | Name of the School/College/Institute/ University | Year of Passing | Discipline/ Specialization | Percentage of Marks/ CGPA |
|---------------------|--------------------------------------------------|-----------------|----------------------------|---------------------------|
|                     |                                                  |                 |                            |                           |
|                     |                                                  |                 |                            |                           |
|                     |                                                  |                 |                            |                           |
|                     |                                                  |                 |                            |                           |
|                     |                                                  |                 |                            |                           |

## 12. Address for Communication:

Mobile No:

E-mail ID:

## 13. Contact Details of two referees:

|                      | Referee I | Referee II |
|----------------------|-----------|------------|
| Name :               |           |            |
| Designation :        |           |            |
| Organization:        |           |            |
| Office Address :     |           |            |
| Office Phone Number: |           |            |
| Email ID:            |           |            |

## 14. Experience if any (in years and use additional sheet if required)

I hereby declare that the particulars furnished in this application are true and correct to the best of my knowledge and belief. I further declare that there is no criminal history or pending legal cases against my name. In the event of my selection, I undertake to abide by the rules, regulations, and policies of the Institute.

Date:

Place:

Signature of the Candidate

*Note: Certificates can be scanned and attached with the soft copy of the filled application form and can be uploaded as a single file (in PDF format only) while submitting the filled application. Soft copy of the application form along with other documents (as a single PDF file) can be sent to Jagadeesh\_78@nitk.edu.in.*