**Rajiv Gandhi Institute of Petroleum Technology, Sivasagar Campus**
*(An Institute of National Importance established under an Act of Parliament)*

**Dated:** 06-11-2026

**Advertisement for the JRF position in the MoPSW-sponsored research project**

Applications are invited from eligible and motivated candidates for **one (01) Junior Research Fellow (JRF)** to work in the Ministry of Ports, Shipping and Waterways (MoPSW) funded research project entitled SUSTAINABLE MARINE CONSTRUCTION MATERIALS FOR INDIAN PORTS: 3D-PRINTABLE DREDGED SEDIMENT POLYMER COMPOSITES FOR DURABLE PORT INFRASTRUCTURE**.** The selected candidate will contribute to research on the said project. The details of the project are given below.

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| **Title of the Project** | *SUSTAINABLE MARINE CONSTRUCTION MATERIALS FOR INDIAN PORTS: 3D-PRINTABLE DREDGED SEDIMENT POLYMER COMPOSITES FOR DURABLE PORT INFRASTRUCTURE* |
| **Project Code** | P-2606 |
| **Sponsoring Agency** | MoPSW |
| **Investigator (s)** | Dr. Karthik Babu NB (PI)<br>Asst. Prof./Dept. of Mechanical Engineering/RGIPT, Sivasagar Campus.<br>Dr. Pradeep Raja C (Co-PI)<br>Asst. Prof./Dept. of Marine Engineering, IMU, Kolkata. |
| **Name of the Post** | Junior Research Fellow (JRF) |
| **No. of Post** | 01 |
| **Project Duration** | 36 Months |
| **Duration of Appointment** | One year, extendable up to the end of the project, subject to satisfactory performance and availability of funds. |
| **Essential Qualification** | 1. First Class Bachelor's (Mechanical Engineering, Manufacturing Engineering, Production Engineering) or Master's Degree (Mechanical, Manufacturing, Production, CAD/CAM, Engineering Design, CIM, and other allied branches) from a recognised University/Institute.<br>2. Candidates should preferably have qualified GATE (Graduate Aptitude Test in Engineering) in any year |
| **Desirable Qualification** | - Good Knowledge and skill in Additive Manufacturing and injection moulding<br>- Deep knowledge in AutoCAD<br>- Knowledge in Waste-to-Wealth |

| | |
|---|---|
| | - Knowledge in Polymer Composites (Development, testing, and Characterisation)<br>- Advanced Manufacturing Techniques |
| **Research Responsibilities** | - Handling the project-related research work<br>- Research and Documentations<br>- Scientific writing and reporting<br>- Fieldwork to collect, store and maintain materials related to the project.<br>- Any other work related to this project. |
| **Fellowship** | Rs. 37,000/- plus HRA (as per norms) |
| **Terms & Conditions** | - Relaxation in the minimum qualifying percentage of marks and age limit will be applicable as per Government of India rules for SC/ST/OBC/Physically Challenged candidates.<br>- RGIPT regulations shall be applicable.<br>- Only shortlisted candidates will be informed through **Email/Phone**. **No TA/DA** will be paid for appearing in the interview.<br>- Preference may be given to candidates having publications in reputed journals. |
| **Silent Point** | Based on satisfactory performance, the selected candidate may be considered for admission to the Ph.D. Programme at RGIPT, subject to fulfilling the Institute's eligibility criteria and selection procedure. |
| **How to Apply** | Interested candidates should send an Application form, cover letter, detailed Curriculum Vitae, self-attested copies of educational certificates, mark sheets, valid GATE score card, research publications (if any), and experience certificates (if any) in a single PDF file to **kbabu@rgipt.ac.in** on or before **28-11-2026, 5 PM**. The subject of email should be **"Application for the position of Junior Research Fellow"**. Original documents must be produced at the time of the interview. |




Name: Dr. Karthik Babu NB
Designation: Assistant Professor and Head (I/C)
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**Mobile:** 09677323297

# Rajiv Gandhi Institute of Petroleum Technology

Sivasagar – 785697, Assam

**FORMAT of APPLICATION for Junior Research Fellow (JRF)**

Paste recent passport size colored photograph

1. Title of the Project-
   ……
   ……
2. Name of the applicant (in block letters):
3. Father's/Husband's Name:
4. Date of Birth (DD-MM-YYYY):
5. Age as on last date of application:
6. Postal Address:

   E-mail: Phone no.:
7. Permanent Address:
8. Nationality:
9. Marital Status:
10. Whether belongs to SC/ST/OBC/PwD/EWS: (If yes, attach certificate):

11. Educational Qualification: (Starting from Class X)

| Exam passed | Board/ University | Division | % age of marks / CPI /CGPA | Year of passing | Subjects |
|---|---|---|---|---|---|
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12. NET/GATE Examinations Passed:

I. NET

| Subject | Qualifying date | Valid upto |
|---|---|---|
| | | |

II. GATE

| Subject | Score | Valid upto |
|---|---|---|
| | | |

13. Details of employments/Experience:

| Sl. No. | Name of the organization | Name of the post | Period | Scale of pay and present pay | Nature of the duty |
|---|---|---|---|---|---|
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14. Any other relevant information that you may like to furnish: (Additional sheet may be attached)

**Declaration**

I declare that the above information are true and correct to the best of my knowledge and belief.

Date:

Place

Signature of the applicant