



# K.S.RANGASAMY COLLEGE OF TECHNOLOGY

(Autonomous)

Accredited by NAAC with A++ Grade, Eligible course accredited by NBA (Tier-I)

Advt. No.: KSRCT/MECH/DST - TDP/2025/01

Dated: 18.03.2025

## Advertisement for Junior Research Fellow (JRF) Position

Applications are invited from interested candidates for the position of **Junior Research Fellow (JRF)** to work on the project titled “**Semi-Automated BSFL Farm for Municipal Wet Waste to Enhance Circular Bioeconomy.**” This project is supported by the Technology Development Programme (TDP) of DST, Government of India, New Delhi. The selected candidate will be appointed on a purely temporary basis for an initial period of one year, with the possibility of extension for an additional year based on performance review. The required qualifications, experience, and other details for the position are listed below.

<b>Project File No.</b>	DST/TTI/TDP-24/2024
<b>Project Title</b>	Semi-Automated BSFL Farm for Municipal Wet Waste to Enhance Circular Bioeconomy
<b>Position</b>	Junior Research Fellow (JRF) – 01 No.
<b>No. of Position</b>	01 (One)
<b>Project Duration</b>	3 Years
<b>Fellowship</b>	JRF - Rs. 37,000/- per month for the first two years and SRF - Rs. 42,000/- per month for the third year (OR) As per DST norms.
<b>Qualification</b>	M.Tech/ M.E. in Mechanical / Production / Manufacturing / Mechatronics / Material Science and Metallurgy Engineering or equivalent with minimum 60% marks or 6.5/10 CGPA at both B.E./ B. Tech. and M.E./M. Tech. levels with GATE score. Experience with any modeling software is an added advantage. (or) M.Sc. (or equivalent) in a relevant science with at least 55% marks for General & OBC (50% for SC/ST candidates). A strong preference for candidates who have qualified in national level exams like CSIR-UGC NET, GATE, or equivalent, and sometimes, relevant research experience.
<b>Age Limit</b>	28 years. Age relaxation may be given for SC/ST/OBC candidates as per DST, Government of India norms

**Benefits of joining the position:**

Candidate selected for this position can register for the Ph.D. program provided she/he satisfies the eligibility criteria for Ph.D. program of Anna University, Chennai.

**How to Apply:**

Eligible and interested candidates are encouraged to submit their application along with the following documents in PDF format via email to the **Principal Investigator, Dr. A. Kumaravel (kumaravel@ksrct.ac.in)**, mentioning subject as **“Application for JRF under DST sponsored project (DST/TTI/TDP-24/2024)”** on or before **04.04.2025** up to 5:00 P.M.

1. Cover letter
2. Bio-data/CV with a passport-sized photograph as per the format in the **prescribed format (attached with this advertisement)**
3. Scanned copies of educational certificates and mark sheets (Class XII onwards)
4. GATE qualification certificate
5. Scanned copies of proof for skill sets, special achievements, and publications etc. (if any)

Additionally, hard copies of these documents should be sent to the address provided below.

**Dr. A. Kumaravel (Principal Investigator)**

Professor, Department of Mechanical Engineering

K.S.Rangasamy College of Technology

Tiruchengode – 637215. Tamil Nadu, India.

Mobile No.: +91 9443553626, Email: [kumaravel@ksrct.ac.in](mailto:kumaravel@ksrct.ac.in)

**Important Notes:**

- Candidates must ensure their eligibility for the position before applying. Ineligible candidates will not be considered. Shortlisted candidates will be informed via email about the date of the personal interview.
- Candidates should furnish supporting documents such as the printouts/soft copies of the application form along with original or self-attested photocopies of all the documents at the time of the interview/joining.
- Preference will be given to the candidate who is having good academic record, research potential and relevant experience. However, the selection of the candidate would be based on their performance in Interview.
- Candidates currently employed must produce a relieving certificate from their employer if selected.
- No TA/DA will be provided for attending the interview.

**Application for the Post of Junior Research Fellow (JRF) in DST Sponsored  
(under TDP) Project Titled “Semi-Automated BSFL Farm for Municipal  
Wet Waste to Enhance Circular Bioeconomy”  
(Project No.: DST/TTI/TDP-24/2024)**

**Applicant’s Details:**

1.	Name		<b>Photo</b>
2.	Father/Spouse’s Name		
3.	Mother’s Name		
4.	Male/Female		
5.	Address	Correspondence:	Permanent:
6.	Contact Details	Email ID:	Mobile No.:
7.	Age	Date of Birth:	Age as on the closing date of Advt: ____Y____M
8.	Nationality:	Category: GEN/SC/ST/OBC (attach proof)	Marital Status: Married / Single
9.	Languages Known	Mother tongue:	Other languages:

**10. Educational Qualifications:**

(Supporting documents should be submitted along with the application as a single PDF file)

Degree / Certificate	University/Board/College	Year of Passing	Subjects / Specialization	% Marks / CGPA	Class
10 <sup>th</sup>					
12 <sup>th</sup>					
U.G.					
P.G.					
CSIR-UGC/ NET/ GATE details: Subject of examination: Percentile: (Please attach score card)		Qualifying Year:		All India Rank:  Score:	

**11. Previous Research experience: (use additional sheet if required)**

**12. Publication(s), if any: (use additional sheet if required)**

**13. Any other relevant information?**

**14. Declaration:** I hereby declare that the entries made in this application form are correct to the best of my knowledge and belief.

**Place:**

**Date:**

**(Signature of the applicant)**