

## Don Bosco College of Engineering, Fatorda Goa

### ADVERTISEMENT FOR THE POST JRF

Date: 15/12/2025

Applications are invited from interested and motivated candidates for the post of Junior Research Fellow (JRF) in a time bound research project for a temporary period, purely on contractual basis as per the following details.

Position	Junior Research Fellow (JRF)
Number of Vacancy	01
Project Title	Experimental Investigation on Use of egg shells, Crab shells and sea shells for manufacture of Cement bricks and Concrete blocks
Department	Civil Engineering
Project Tenure	2 years
Job Description	To study the performance of egg shell powder, crab shell and sea shell powder in binary and ternary combination in cement mortar and concrete by assessing fresh concrete, mechanical and durability properties and other task assigned by PI to achieve the objectives of study
Essential Qualification	BE/BTech or equivalent degree, with 55% marks and passing of GATE test.  (As per CSIR Guidelines for Research Scheme/Sponsored Schemes/ Emeritus Scientist PI. refer to CSIR-HRDG website: <a href="http://www.csirhrdg.res.in">www.csirhrdg.res.in</a>
Age Limit	JRF-28Yrs.
Age relaxation	The upper age limit is relax-able up-to 5 Years in the case of candidates belonging to scheduled castes/tribes/OBC, women and physically handicapped candidates.
Fellowship	Junior Research Fellow (JRF)- Rs.37,000/-p.m. for first two years and Rs.42,000/-per month for the third year if extended

Note : Candidates desiring to appear for interview should submit their application in Form G (refer CSIR website) along with following documents

- GATE score card, proof of date of birth, caste certificate, experienced certificate, Scanned attested copies of Mark sheets, degree certificates
- No TA/ DA is admissible to appear for interview
- Application to be submitted to The Principal investigator latest by 15<sup>th</sup> January, 2026

Mb: +91 9823625216; email:principal@dbcegoa.ac.in

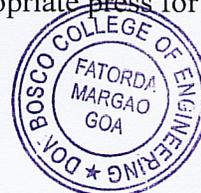


**Dr. Neena Panandikar**

Name and signature of the Principal Investigator

\*To be uploaded on DBCE website and copy may sent through appropriate press for wide circulation

Approved By : Fr. Wilfred Fernandez, Director DBCE



**Department of Civil Engineering**

Application form for the post of Junior Research Fellow (JRF) for CSIR sponsored project  
Sanction Order No. 22WS(0045)/2023-24/EMR-II/ASPIRE, dated 18.06.2024

“Experimental Investigation on Use of egg shells, Crab shells and sea shells for manufacture of  
Cement bricks and Concrete blocks”

Fix your  
passport size  
photograph

**Personal Details:**

1. Full Name (In Capital)			
2. Father's/Husband's Name			
3. Date of Birth (DD/MM/YY)		4. Category (General/SC/ST/OBC)	
5. Age (in Years)		6. Gender (Male/Female)	
7. Marital Status (Single/Married)		8. Nationality	
9. Address for the Communication		10. Permanent Address	
11. Mobile/Phone No.		12. Email:	

**13. Details of school/ University/Institute Studied (From Matriculation Onward):** (Enclose all marksheets and degree certificates)

S. N	Examination /Degree	Discipline	University/ Institute	Regular/ Part-time	Year of joining	Year of passing	% Marks/ CGPA	Division	Rank
1	<b>10<sup>th</sup></b>								
.									
2	<b>12<sup>th</sup></b>								
.									
3	<b>B. Tech.</b>								
.									
4	<b>M.Tech.</b>								
.									

14. Title of M.Tech thesis:

15. Whether CSIR-UGC-NET/GATE qualified? .....

i. GATE: Score: ..... Year: ..... Marks: ..... All India Rank: .....

ii. CSIR-UGC-NET: Score/percentage: ..... Year: ..... Marks: ..... All India Rank: .....

(Copy of the certificate to be enclosed)

16. Whether interested to extend their JRF to the Ph.D. program if applicable : YES/NO

17. Professional Experiences (Teaching/ Research/ Industrial etc.) if any: (Enclose relevant certificates)

Name of Organization	Designation	Nature of Work	From	To

18. Research publications (If any): (Use separate sheet to give complete information)

S.No.	Name of authors	Title of paper	Journal information (Name/Vol/Issue/page)

19. Awards, patents, prizes etc. (if any):

20. Programming skills:

21. Any other Relevant Information:

22. Information of two References:

SN.	Name, Designation and affiliation	Email id and contact number
1		
2		

Note: Applicant should attach self-attested copy of CV, all marksheets, degree certificates, GATE/CSIRUGC JRF / NET score card, experience certificates, research papers, and any other relevant documents.

23. DECLARATION

I do solemnly affirm that the above information given by me is true to the best of my knowledge and belief. If any information given by me is found to be incorrect at any stage, my candidature may be cancelled.

Place:

Date:

Name & Signature of Applicant