

JSS Academy of Higher Education & Research
Division of Nanoscience and Technology,
Faculty of Life Sciences AND
Department of Oral and Maxillofacial Surgery,
JSS Dental College, Mysore.



Advertisement for a post of Junior Research Fellow

Applications are invited for a position of Junior Research Fellow to work in DBT- BIRAC sponsored Project: **Development of novel silk fibroin based bioink for bioprinting to reconstruct maxillofacial defects.** The position is temporary and co-terminus with the project.

Name of the post	Junior Research Fellow
Eligibility Criteria:	M.Sc. Nanoscience and Technology/ Biochemistry. Experience in handling electrospinning equipment, Fabrication of nanofibers and their characterization. Protein purification and quantification methods - biochemical assays, and size exclusion chromatography methods. Experience in protein mass spectrometry techniques. Analytical techniques-FTIR and Raman Spectroscopy techniques. Experience in microscopy techniques – Fluorescence Microscopy Use of zetasizer for particle sizing and surface charge analysis. Experience in cell culture (bone cells).
<u>Essential Criteria</u>	
<u>Desirable Criteria</u>	Experience in animal handling and surgery in animal models.
Duration of the Project	18 months
Fellowship	Rs. 31,000/-

Any informal queries can be addressed to;

Dr. Asha Srinivasan
Assistant Professor & Program Coordinator,
Faculty of Life Sciences,
Division of Nanoscience and Technology
Faculty of Life Sciences.
JSS Academy of Higher Education and Research,
Mysore, India.
Email: asha.srinivasan@jssuni.edu.in

Dr. Shyam Sunder S
Reader.
Oral and Maxillofacial Surgery
JSS Dental College
JSS Academy of Higher Education and
Research,
Mysuru
Email: drsshlyamsunder@jssuni.edu.in

Mode of Application: Interested candidates are encouraged to apply. Please submit soft copy of a cover letter and CV with contact details, research experience, publications (if any) as a **single PDF file** and email it to: asha.srinivasan@jssuni.edu.in on or before **20/04/2021**.

Subject of the email should be: Application for DBT-BIRAC Project

NOTE: No TA/DA will be paid to the candidates shortlisted for interview. Shortlisted candidates will be notified via email to attend an interview and must bring a hard copy of the application form and pay Rs. 120 as DD as processing charges

b) Under Graduate

Name of the Institution	Examination passed	University Board	Duration		Class	% Marks
			From	To		

c) Post Graduate (Degree / Diploma)

Name of the Institution	Examination passed	University Board	Duration		Class	% Marks
			From	To		

8. a) Work Experience (Please list your previous employment details starting with the latest / Chronologically).

Sl. No.	Name of the Employer	Period	Design / Post held	Scale of Pay	Total Emoluments (₹)

b) Administrative or other experience:

c) Details of Membership of Academic / Professional bodies / Registration No.....

d) Details of Publication & Research

9. a) Name & address of 2 references:

1. _____	2. _____
_____	_____
_____	_____
_____	_____

b) Indicate your willingness to work any where in India / abroad.

10. Details of fee paid:- Application Fees Rs. _____ receipt No./DD No. _____
& date _____ (Receipt / DD should be enclosed with the application).

11. List of Enclosures:

1. _____	2. _____
3. _____	4. _____
5. _____	6. _____
7. _____	8. _____

Declaration:- I attach attested copies of the above certificates / degrees, in support of age, category, qualification and experience etc. The information given above is true & correct to the best of my knowledge.

Place:

Date:

(Name and signature of the candidate)

Note:- application may be sought by paying cash of Rs.120/- in the Office of JSS Academy of Higher Education & Research, JSS Medical Education Institutions Campus, Sri Shivarathreshwara Nagara, Mysuru.

OR

Application may be down loaded from the website "jssuni.edu.in" and filled application may be submitted to the above address along with **DD of Rs.120/-** payable at **Mysuru** in favor of "**Registrar, JSS Academy of Higher Education & Research, Mysuru**".