



Call for Research Staff Position (Project Research Scientist-I)

Date: 22 January 2026

About: Applications are invited from interested and motivated candidates for the post of Project Research Scientist-I (Non-Medical) on the research project sponsored by the **Indian Council of Medical Research (ICMR)**. The position will be purely on contractual basis as per the following details:

Position	Project Research Scientist-I (Non-Medical)	Number of Vacancy: 01
Funding Agency	Indian Council of Medical Research (ICMR)	
Project Title	Microneedle-assisted chemo-photodynamic combination therapy for melanoma treatment integrated with real-time monitoring of cancerous lesions using thermal imaging	
Principal Investigator	Dr. Gautam Singhvi, Department of Pharmacy, BITS Pilani, Pilani Campus	
Co-PI	1. Dr. Rajdeep Chowdhury, Department of Biological Sciences, BITS Pilani, Pilani Campus 2. Dr. Inamur Rahaman Laskar, Department of Chemistry, BITS Pilani, Pilani Campus 3. Dr. Radha Raman Mishra, Department of Mechanical Engineering, BITS Pilani, Pilani Campus	
Project Tenure	1 Year and extendable to 3 years	
Job Description	The selected candidate will perform analytical method development, formulation development, in vitro cell line studies, and animal studies of designed formulations. Real-time monitoring of skin cancer lesions using thermal imaging. The candidate will analyze data, maintain documentation, and write reports and manuscripts.	
Qualification	M.Pharm/ M.S.Pharm /M.Tech with specialization in Pharmaceutics, Biotechnology, Medical Devices, Nanomedicine or equivalent. (GPAT/GATE/NET will be preferred) Desirable: In addition to the above qualifications, candidates with basic knowledge of programming languages, machine learning, and hands-on experience in thermal imaging are encouraged to apply.	
Upper Age Limit	35 Years	
Fellowship/Stipend	56,000 Per month + 10 % HRA (if applicable, as per rules)	
Registration for PhD	Selected candidates may be permitted to register for the PhD program of BITS Pilani, subject to fulfilling the requirements of the PhD qualification process as per the institute norms.	
How to Apply	Use the Google Form link to apply: https://forms.gle/GaQCq8K8NkX4rDya6	
Selection Process	Candidates will be shortlisted based on their merit, experience, and the project's requirements. Shortlisted candidates will be informed of the interview, which will be conducted through online mode. Mere possession of the minimum qualification does not guarantee an invitation to the interview.	

Application Deadline: 04th Feb 2026

Feel free to contact me if you have any query.

Dr. Gautam Singhvi

Department of Pharmacy, BITS Pilani, Pilani Campus, Rajasthan

Email: gautam.singhvi@pilani.bits-pilani.ac.in

Webpage: <https://www.bits-pilani.ac.in/pilani/gautam-singhvi>



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Project Tenure	1 Year and extendable to 3 years	
Project Description	<p>*The project objective included: Synthesis of newer photosensitizers and in-vitro exploration of its combination with chemotherapeutic agent for melanoma cell line, optimization of dose ratio with highest efficacy. Real-time monitoring of skin cancer lesions using the thermal imaging approach and optimization of dosages for effective treatment.</p> <p>The selected candidate will synthesize compounds, characterize and interpret spectroscopic data to elucidate structures, perform electronic structure calculations on the synthesized compounds, conduct a detailed study of photo-physical properties, maintain documentation, and write manuscripts.</p>	
Qualification	M.Sc. / M.Tech in chemistry or equivalent in inorganic chemistry, physical chemistry, or organic chemistry (GATE or NET will be preferred) Desirable: In addition to the above qualifications, candidates with basic knowledge of programming languages, machine learning, and hands-on experience in thermal imaging are encouraged to apply.	
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