



**Call for PhD Students – ASCRIN Joint PhD Program (BITS Pilani & La Trobe University) Date: 22 Aug'25**

<b>About:</b> Applications are invited from interested and motivated candidates for a PhD position under the Asian Smart Cities Research and Innovation Network (ASCRIN) – a Joint PhD program between BITS Pilani and La Trobe University.		
<b>Position</b>	PhD Student (Joint Program – BITS Pilani & La Trobe University)	Number of Vacancy: 1
<b>Funding Agency</b>	<b>Asian Smart Cities Research and Innovation Network (ASCRIN)</b>	
<b>Project Title</b>	Comprehensive approach to rational design of peptide antibiotics	
<b>Principal Investigator</b>	<i>Prof. Raj Kumar Gupta</i> (BITS Pilani) Google scholar: <a href="#">LINK</a> <i>Prof. Adam Mechler</i> (La Trobe University) Google scholar: <a href="#">LINK</a>	
<b>Project Tenure</b>	Up to 4 years	
<b>Project/Job Description</b>	The selected PhD scholar will work on development of a novel surface plasmon resonance - atomic force microscope combined platform that will allow to correlate changes in ensemble properties (membrane deposition, modulation and disruption) to the actual nanoscale morphology.	
<b>Qualification</b>	MSc/MTech in Physics, Nanotechnology, Material Science, Biotechnology, or related discipline) with $\geq 60\%$ or CGPA $\geq 7.0/10$ and a good grasp of experimental techniques Desirable: Instrumentation, Exposure to AFM, SPR, Raman, UV-VIS, FTIR, photoluminescence	
<b>Upper Age Limit</b>	$\leq 35$ years.	
<b>Fellowship/Stipend</b>	PhD Fellowship at BITS-Pilani ₹37,000 - ₹42000 Fellowship details at La Trobe university are as follows 1. Stipend at the rate of AUD 35000/year ( <i>maximum 1 year</i> ) [~ INR 20 lakh/year, ~1.6 lakh/month] 2. One-time travel support of AUD 2000 (~ INR 1.15 lakhs)! 3. La Trobe University will organize and cover the cost of Visa-length Overseas Student Health Cover (OSHC)	
<b>Registration for PhD</b>	Selected candidates will be enrolled in the <b>Joint PhD program of BITS Pilani and La Trobe University</b> , subject to fulfilling the eligibility criteria as per institute norms.	
<b>How to Apply</b>	<b>Please apply through the following Google Form link:</b> <a href="https://forms.gle/T8Chh9cWZMEN8xGR6">https://forms.gle/T8Chh9cWZMEN8xGR6</a> , copy paste the link on browser if the link does not work ( <b>Deadline: 31<sup>st</sup> July</b> ) <b>For any queries email: <a href="mailto:raj@pilani.bits-pilani.ac.in">raj@pilani.bits-pilani.ac.in</a></b>	
<b>Selection Process</b>	Candidates will be shortlisted based on merit, relevant experience, and project requirements. Shortlisted applicants will be notified for an online interview within 1 week of deadline.	

**Application Deadline: 31<sup>th</sup> August 2025**