



**JIS INSTITUTE OF ADVANCED STUDIES AND
RESEARCH (JIASR), JIS UNIVERSITY**



Recognised by SIROs GoI, and Registered with: DSIR, GoI [F. No. 11/800/2019-TU-V]

**JIS INSTITUTE OF ADVANCED STUDIES & RESEARCH (JIASR) INVITES APPLICATIONS TO
BRIGHT & MOTIVATED CANDIDATES ACROSS THE COUNTRY TO PURSUE Ph.D IN SEVERAL
FUNDED PROJECTS IN THE FOLLOWING AREAS:**

Sl. No.	Positions	Details of Project	No. of vacancy:	How to Apply	Application Deadline
1	<p>1. Name of the Position: Project Associate</p> <p>2. PI: Dr. Chirantana Mallick</p> <p>3. Centre/ Department: Centre for Data Science</p> <p>4. Project Ref. No. (if any): JIS-Kol/AI-DNP/3202</p>	<p>1. Broad Research Areas: Machine Learning and Natural Language Processing.</p> <p>2. Fellowship: Rs. 31000 PM + 30% HRA</p> <p>3. Qualifications: BTech/MTech/MSc in Computer Science/ Computer Science and Engineering/ Computer Science Technology/ Data Science, or any relevant discipline.</p> <p>4. Age Limit: Not exceeding 35 years from the date of the application.</p>	01	<p>Interested candidates should send their resume along with other supporting documents to: chirantana@jiasr.org and saptarshi@jiasr.org.</p> <p>Only the shortlisted candidates will be called for an interview</p>	On or before 14th April, 2025
2	<p>1. Name of the Position: Junior Research Fellow</p> <p>2. PI: Dr. Farhat Afrin</p> <p>3. Centre/ Department: Centre for Interdisciplinary Sciences, JIASR, Kolkata</p> <p>4. Project Ref. No.: JIS-Kol/Chromatin modification/3163</p>	<p>1. Broad Research Area: Investigation of epigenetic modifications as drivers of Type 2 Diabetes Mellitus pathogenesis and treatment</p> <p>2. Fellowship: Rs. 37000/- pm+30% HRA</p> <p>3. Qualifications: Essential: M.Sc. in Biotechnology/ Life Sciences with at least 60% marks (or a</p>	01	<p>Interested candidates should send their resume and other supporting documents to: afrin@jiasr.org.</p> <p>Only the shortlisted candidates will be called for interview</p>	30th March 2025

		<p>CGPA of 6.5 on a 10 point scale) or qualified GATE/NET or equivalent National level Examination. Desirable : Candidates with expertise in mammalian cell culture will be preferred.</p> <p>4. Age limit: 30 years as on 30.03.25 with relaxation up to 5 years for female candidates</p>			
3	<p>1. Name of the Position: Project Assistant</p> <p>2. PI: Dr. Barun Das</p> <p>3. Centre/ Department: Centre for Interdisciplinary Sciences, JISIASR, Kolkata</p> <p>4. Project Ref. No. (if any): JIS-Kol/Fluorescence/3175</p>	<p>1. Broad Research Area: Fluorometric investigations of nanoparticles in ultra diluted solutions</p> <p>2. Fellowship: INR 20,000 per month (consolidated)</p> <p>3. Desired Qualifications: M.Sc. in Chemistry/Chemical Science/Applied Chemistry/Physics/Physical Science/MaterialScience/ Life Sciences or an allied area with at least 55% marks.</p> <p>N.B: Preference will be given to GATE/ NET qualified candidates</p> <p>4. Age Limit: Not exceeding 30 years from the date of the application</p>	01	<p>Interested candidates should send their resume along with other supporting documents to: barundas@jisiasr.org and subhankar@jisiasr.org</p> <p>Only the shortlisted candidates will be called for interview</p>	On or before 15.04.22025
4	<p>1. Name of the Position: Project Assistant</p> <p>2. PI: Dr. Subhankar Singha</p> <p>3. Centre/ Department: Centre for Interdisciplinary Sciences, JISIASR, Kolkata</p> <p>4. Project Ref. No. (if any): JIS-Kol/Shelf Life/3181</p>	<p>1. Broad Research Area: Investigations of bio-activity of medicines in ultra diluted conditions</p> <p>2. Fellowship: Rs. 20,000 per month (consolidated)</p> <p>3. Desired Qualifications: M.Sc. in Chemistry/Chemical Science/Applied Chemistry/MaterialScience/Physics/ Physical Science/Life Sciences or an allied area with at least 55% marks.</p> <p>N.B: Preference will be given to GATE/ NET qualified candidates</p>	01	<p>Interested candidates should send their resume along with other supporting documents to: subhankar@jisiasr.org</p> <p>Only the shortlisted candidates will be called for interview</p>	On or before 15.04.22025

		4. Age Limit: Not exceeding 30 years from the date of the application			
5	<p>1. Name of the Position: Junior Research Fellow (JRF)</p> <p>2. PI: Dr. Pooja Ghosh</p> <p>3. Centre/ Department: Centre for Interdisciplinary Sciences, JISIASR, Kolkata</p> <p>4. Project Ref. No. (if any): JIS-Kol/DM-Amyloidogenic/3157</p>	<p>1. Broad Research Areas: Exploring the Efficacies of Homeopathic Drugs in Ameliorating the Treatment of Diabetes: In-Vitro and In-Vivo Investigation</p> <p>2. Fellowship: Rs. 37000 pm+30% HRA</p> <p>3. Desired Qualifications: M.Sc. in Chemistry/Chemical Science/Applied Chemistry/Life Science/ Physical Science/Material Science or an allied area with at least 55% marks.</p> <p>N.B: Preference will be given to GATE/ NET qualified candidates</p> <p>4. Age Limit: Not exceeding 30 years from the date of the application</p>	01	<p>Interested candidates should send their resume along with other supporting documents to: poojaghosh@jisiasr.org</p> <p>Only the shortlisted candidates will be called for an interview.</p>	On or before 15.04.22025
6	<p>1. Name of the Position: Project Associate</p> <p>2. PI: Dr. Saptarshi Das</p> <p>3. Centre/ Department: Centre for Data Science</p> <p>4. Project Ref. No. (if any): JIS-Kol/AI-SX Pattern/3193</p>	<p>1. Broad Research Areas: Machine Learning and Natural Language Processing.</p> <p>2. Fellowship: Rs. 31000 PM + 30% HRA</p> <p>3. Qualifications: BTech/MTech/MSc in Computer Science/ Computer Science and Engineering/ Computer Science Technology/ Data Science, or any relevant discipline.</p> <p>4. Age Limit: Not exceeding 35 years from the date of the application.</p>	01	<p>Interested candidates should send their resume along with other supporting documents to: saptarshi@jisiasr.org and chirantana@jisiasr.org</p> <p>Only the shortlisted candidates will be called for an interview</p>	On or before 14th April, 2025
7	<p>1. Name of the Position: Project Associate</p> <p>2. PI: Dr. Sandip Paul, Kamakshi Sureka Paul</p>	<p>1. Broad Research Areas: Microbiology, Molecular Biology and Metagenomics.</p>	01	<p>Interested candidates should send their resume along with other supporting documents to</p>	On or before 14th April, 2025

	<p>3. Centre/ Department: Centre for Health Science & Technology</p> <p>4. Project Ref. No. (if any): JIS-Kol/Bowel Nosodes/3187</p>	<p>2. Fellowship: Rs. 30000 PM consolidated</p> <p>3. Essential: Master degree in Life Science/ relevant subject Desirable: Work experience in Molecular Biology/Microbiology/Metagenomics</p> <p>4. Age Limit: Not exceeding 35 years from the date of the application.</p>		<p>ksureka@jiasr.org</p> <p>Only the shortlisted candidates will be called for an interview</p>	
8	<p>1. Name of the Position: Project Technician</p> <p>2. PI: Dr. Sandip Paul, Kamakshi Sureka Paul</p> <p>3. Centre/ Department: Centre for Health Science & Technology</p> <p>4. Project Ref. No. (if any): JIS-Kol/Bowel Nosodes/3187</p>	<p>1. Broad Research Areas: Microbiology, Molecular Biology and Metagenomics.</p> <p>2. Fellowship: Rs. 20000 PM consolidated</p> <p>3. Essential: Graduate in life Science/ relevant subjects from a recognized University with 03 years work experience from a recognized Institution or Master degree in the relevant subjects. Desirable: Work experience in Molecular Biology/Microbiology/Metagenomics</p> <p>4. Age Limit: Not exceeding 30 years from the date of the application.</p>	01	<p>Interested candidates should send their resume along with other supporting documents to: ksureka@jiasr.org</p> <p>Only the shortlisted candidates will be called for an interview</p>	On or before 14th April, 2025
9	<p>1. Name of the Position: Project Assistant (No. of Positions 2)</p> <p>2. PI: Dr. Prosenjit Saha</p> <p>3. Centre/ Department: Centre for Interdisciplinary Sciences</p> <p>4. Project Ref. No. (if any): JIS-Kol/Physicochemical/3169</p>	<p>1. Broad Research Areas: Organic Chemistry/ Biological Science/ Materials Science/ Relevant areas.</p> <p>2. Fellowship: Rs. 25000 / month (consolidated)</p> <p>3. Essential: Post-graduate in Chemical Sciences/ Life Sciences/ Relevant areas with 1 o 2 years of</p>		<p>Interested candidates should send their resume along with other supporting documents to: prosenjitpoly@jiasr.org</p> <p>Only the shortlisted</p>	On or before April 15, 2025

		<p>working experience in chemical wet laboratory</p> <p>4. Age Limit: Not exceeding 35 years from the date of the application. (Age relaxation will be applied as per Govt. of India guidelines)</p>		<p>candidates will be called for an interview</p>	
10	<p>1. Name of the Position: Junior Research Fellow (JRF)</p> <p>2. PI: Dr. Kasturi Barik</p> <p>3. Centre/ Department: Centre for Data Science</p> <p>4. Project Ref. No. (if any): ANRF/ECRG/2024/002396/ENS</p>	<p>1. Broad Research Areas: Machine Learning and Biomedical Signal Processing.</p> <p>2. Fellowship: Rs. 37000 / month (consolidated)</p> <p>3. Desired Qualifications: BTech/MTech/MSc in Computer Science/ Electronics Engineering/ Computer Science and Engineering/ Computer Science Technology/ Data Science, or any relevant discipline.</p> <p>N.B: Preference will be given to GATE/ NET qualified candidates</p> <p>4. Age Limit: Not exceeding 35 years from the date of the application</p>	01	<p>Interested candidates should send their resume along with other supporting documents to: kasturi.barik@jisia sr.org</p> <p>Only the shortlisted candidates will be called for an interview</p>	On or before 29th March, 2025
11	<p>1. Name of the position: Research Scholar</p> <p>2. Centre/Department: Centre for Interdisciplinary Sciences (CIS)</p>	<p>1. Broad Research Areas: Materials & 3D Printing/Paint & Coating Technology/Sensor Technology/Advanced Materials Research/Nano-medicine/Immuno-Epigenetics/Nano-materials & Protein Aggregation</p> <p>2. Research fellowship will be provided to bright, motivated candidates</p> <p>3. Desired Qualifications: M.Sc. in Chemistry/Chemical Science/Applied Chemistry/Physics/ Physical Science/MaterialScience/ Life Sciences or an allied area with at least 55% marks.</p>	TBD	<p>Interested candidates should send their resume along with other supporting documents to: subhankar@jisiasr.org</p> <p>Only the shortlisted candidates will be called for an interview</p>	On or before 31st May, 2025

		4. Age Limit: Not exceeding 30 years from the date of the application.			
12	<p>1. Name of the position: Research Scholar</p> <p>2. Centre/Department: Centre for Renewable & Sustainable Energy Studies (CReSES)</p>	<p>1. Broad Research Areas: Renewable energy and applications / Smart and self-cleaning technology / Radiative cooling technology / Electric vehicle and battery / Smart sensor system and instrumentation / Biomedical instrumentation / Electronics design and instrumentation / PV system reliability / Prosthetics & orthotics</p> <p>2. Research fellowship will be provided to bright, motivated candidates</p> <p>3. Desired Qualifications: Masters Degree in (Electronics / Electrical / Instrumentation / Mechanical/ Computer Science/ or Other Relevant Area) from Recognized University / Institute</p> <p>4. Age Limit: NIL</p>	TBD	<p>Interested candidates should send their resume along with other supporting documents to: sugato@jisiasr.org</p> <p>Only the shortlisted candidates will be called for an interview</p>	31st May, 2025
13	<p>1. Name of the position: Research Scholar</p> <p>2. Centre/Department: Centre for Data Science (CDS)</p>	<p>1. Broad Research Areas: AI and Machine Learning, Medical Image Processing, Business Analytics, Cybersecurity, Natural Language Processing, Blockchain, IoT, Satellite Image Processing, and Cryospheric Science, Neuro Signal Processing.</p>	TBD	<p>Interested candidates should send their resume along with other supporting documents to: saptarshi@jisiasr.org</p> <p>Only the shortlisted candidates will be called for an interview</p>	31st May, 2025

		<p>2. Research fellowship will be provided to bright, motivated candidates</p> <p>3. Desired Qualifications: Masters Degree in (Electronics / Electrical / Computer Science/ or Other Relevant Area) from Recognized University / Institute</p> <p>4. Age Limit: NIL</p>			
14	<p>1. Name of the position: Research Scholar</p> <p>2. Centre/Department: Centre for Health Science & Technology (CHeST)</p>	<p>1. Broad Research Areas: Medical Biotechnology/Molecular Microbiology/Computational Biology/ Bioinformatics</p> <p>2. Research fellowship will be provided to bright, motivated candidates</p> <p>3. Desired Qualifications: M.Sc. in Chemistry/Chemical Science/Applied Chemistry/Physics/ Physical Science/Life Sciences or an allied area with at least 55% marks.</p> <p>4. Age Limit: NIL</p>	TBD	<p>Interested candidates should send their resume along with other supporting documents to: sujayc@jisiasr.org</p> <p>Only the shortlisted candidates will be called for an interview</p>	31st May, 2025