



**INDIAN INSTITUTE OF TECHNOLOGY ROPAR**  
**CoE in Socio-Environmental Sustainability for River Sand Mining**  
**Rupnagar, Punjab – 140001**

Ref. No. IITRPR/CE/SEnERS/001

Date: 30-07-2025

**Advertisement for Various Posts under the Centre of Excellence in Socio-Environmental Sustainability for River Sand Mining**

Applications are invited from eligible candidates for various positions under the project titled '**Centre of Excellence in Socio-Environmental Sustainability for River Sand Mining**' led by Project Coordinator Dr. Reet Kamal Tiwari at IIT Ropar. Detailed information is provided below.

Post Code	Designation	Vacancies	Essential Qualifications and Experience	Age limit (Years)	Desirable	Consolidated Salary (INR)
COE-1	Chief Scientific Officer	1	Ph.D. in Civil Engineering / Electronics and Communication Engineering/ or equivalent from a recognised University/ Institute and B.Tech and M.Tech in the above-mentioned fields with a minimum of 75% marks and Punjabi is one of the subjects in matric or higher education and <b>Experience:</b> 10+ years in research, academics, and administration.	<40	<ul style="list-style-type: none"><li>• Proven research experience in remote sensing, digital image processing, and geo-environmental monitoring.</li><li>• Demonstrated contributions to interdisciplinary research through national and international collaborative projects.</li><li>• Significant experience in intellectual property rights (IPR), innovation, and technology transfer.</li><li>• Proven leadership experience in academic and research administration.</li><li>• Extensive publication record in SCI and Scopus-indexed journals</li><li>• Practical experience as a commercial drone operator.</li><li>• Strong public engagement and dissemination track record through expert talks, keynote addresses</li></ul>	<ul style="list-style-type: none"><li>• 1.75 – 2.5 Lakhs/ Month</li></ul>
COE-2	Technical Supervisor	1	B.Tech/B.E. in Civil Engineering / Environmental Engineering / Electronics and Communication Engineering / Earth Sciences or related discipline from a recognised institute with a minimum of 6.0 CGPA or 60% and <b>Experience:</b> 2+ years	<40	<ul style="list-style-type: none"><li>• M.Tech or MBA equivalent degree in a relevant field.</li><li>• Experience in field instrumentation, geospatial data acquisition, drone operations, or environmental monitoring.</li><li>• Familiarity with data analysis tools such as Pix4D, Python or</li></ul>	<ul style="list-style-type: none"><li>• 40,000 – 60,000 Thousand/ Month</li></ul>



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					<p>QGIS/ArcGIS.</p> <ul style="list-style-type: none"> <li>• Hands-on involvement in research projects, laboratory management, or field deployments related to civil or environmental systems.</li> <li>• Ability to support researchers and faculty in technical documentation, project logistics, and prototype development.</li> </ul>	
COE-3	Sr. Field Surveyor	4	<p>Bachelor's degree in Civil Engineering, Electronics and Communication Engineering, Geomatics, Geography, Earth Sciences, Computer Science, or a related field from a recognised institute with a minimum of 6.0 CGPA or 60%.</p> <p>and</p> <p><b>Experience:</b> 2+ years</p>	<40	<ul style="list-style-type: none"> <li>• Experience in topographic and hydrographic surveying, preferably in riverine or mining environments.</li> <li>• Proficiency in using survey equipment such as Total Station, GPS (DGPS), UAVs (Drones), and Laser Range Finders.</li> <li>• Familiarity with data collection, field report preparation, and GIS tools (e.g., QGIS, ArcGIS).</li> <li>• Ability to conduct field visits in remote or rugged terrains, especially near rivers or mining sites.</li> <li>• Prior work in environmental impact assessments, resource mapping, or government survey projects will be an added advantage.</li> </ul>	<ul style="list-style-type: none"> <li>• 25,000 – 40,000 Thousand/ Month</li> </ul>
COE-4	Field Surveyor/ Data Analyst	4	<p>Bachelor's degree or Diploma in Civil Engineering, Geomatics, Geography, Earth Sciences, or a related field from a recognised institute.</p> <p>and</p> <p><b>Experience:</b> 2+ years</p>	<35	<ul style="list-style-type: none"> <li>• Experience in topographic and hydrographic surveying, preferably in riverine or mining environments.</li> <li>• Proficiency in using survey equipment such as Total Station, GPS (DGPS), UAVs (Drones), and Laser Range Finders.</li> <li>• Familiarity with data collection, field report preparation, and GIS tools (e.g., QGIS, ArcGIS).</li> <li>• Ability to conduct field visits in remote or rugged terrains, especially near rivers or mining sites.</li> <li>• Prior work in</li> </ul>	<ul style="list-style-type: none"> <li>• 15,000 – 30,000 Thousand/ Month</li> </ul>



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					environmental impact assessments, resource mapping, or government survey projects will be an added advantage.	
COE-5	Field Assistant (Non-Technical)	3	Qualification: Minimum 10th Pass  <b>Experience:</b> 0–2 years (Freshers can apply)	<35	<ul style="list-style-type: none"> <li>• Basic reading/writing, fit to travel, physical fitness for field work.</li> <li>• Candidates need to travel for field work.</li> <li>• Ability to conduct field visits in remote or rugged terrains, especially near rivers or mining sites.</li> </ul>	• 10,000 – 22,000 Thousand/ Month
COE-6	Office Attendant	2	Qualification: Minimum 10th Pass  <b>Experience:</b> 0–2 years (Freshers can apply)	<35	<ul style="list-style-type: none"> <li>• Maintaining office cleanliness, assisting staff with basic tasks, serving refreshments, carrying files, and handling errands like document delivery.</li> </ul>	• 10,000 – 18,000 Thousand/ Month
COE-7	Office Executive	1	Master in Computer Applications and Bachelor of Computer Applications or a related field from a recognized institute with a minimum of 6.0 CGPA or 60%.  <b>Experience:</b> 3+ years	<35	<ul style="list-style-type: none"> <li>• Manage daily office operations including file handling, scheduling, and documentation.</li> <li>• Maintain and update records, spreadsheets, and databases using MS Excel/Google Sheets.</li> <li>• Operate and manage office software and tools like MS Office, ERP, or internal MIS systems.</li> <li>• Coordinate with internal departments and external stakeholders via email/ phone.</li> <li>• Assist in preparing reports, presentations, and official correspondence.</li> <li>• Knowledge of basic IT systems and troubleshooting</li> <li>• Familiarity with data entry, email handling, and record management</li> </ul>	• 15,000 – 28,000 Thousand/ Month
COE-8	Office Executive (Accounts)	1	MBA/M.COM or BBA/B.COM or a related field from a recognized institute with relevant experience.  <b>Experience:</b> 0–2 years (Freshers can apply)	<35	<ul style="list-style-type: none"> <li>• Candidates with strong proficiency in accounting software, office administration, and financial documentation will be given preference.</li> </ul>	• 15,000 – 28,000 Thousand/ Month



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<b>Tenure of Post/ Nature of Appointment</b>	1-3 years, which is extendable up to 5 years solely on a performance basis <i>(Selected candidates may be considered for admission to the PhD programme at IIT Ropar as per the institute norms and eligibility)</i> The appointment will be purely temporary, and the position is coterminous with project. The number of posts may be increased or decreased based on organizational requirements, candidate suitability, or other administrative considerations.
<b>Salary per month</b>	The salary will be commensurate with the candidate's academic qualifications and relevant professional experience. Additional skills, domain certifications, and demonstrated project leadership will be taken into consideration when finalising the compensation package.
<b>Age Limit</b>	Age Limit will be computed as on the last date of application.
<b>Last date to apply</b>	<b>18<sup>th</sup> August 2025</b> (Application form can be downloaded from <a href="https://www.iitrpr.ac.in/jobs/project-positions">https://www.iitrpr.ac.in/jobs/project-positions</a> )
<b>How to apply</b>	<ul style="list-style-type: none"><li>Interested candidates must send the application form along with the supporting documents in a <b>single PDF file only</b> to the PI of the project through <b>Google Form</b> <a href="https://forms.gle/PaZZSy4hwhmD1h6p7">https://forms.gle/PaZZSy4hwhmD1h6p7</a> by <b>18<sup>th</sup> August 2025</b>. There is no other mode of apply under this call.</li></ul>
<b>Note:</b> <ul style="list-style-type: none"><li>Only shortlisted candidates will be communicated through email, tentatively by <b>25<sup>th</sup> August 2025</b>, to appear for an <b>Online/Physical interview</b>.</li><li><b>No TA/DA</b> will be given to the candidates for attending the interview.</li><li>The position is available immediately, so the selected candidate is expected to join immediately.</li></ul>	

**Address of Center Coordinator**

Dr. Reet Kamal Tiwari  
Associate Professor & Project Coordinator  
CoE in Socio-Environmental Sustainability for River Sand Mining  
Super Academic Block, IIT Ropar  
Email: [reetkamal@iitrpr.ac.in](mailto:reetkamal@iitrpr.ac.in),



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Application No..... (For office use only)

**Application Form for Post Code \_\_\_\_ in CoE**

**1. Personal Details:**

<b>Name:</b>				Passport size photo
<b>Father's Name:</b>				
<b>Date of Birth:</b> (DD/MM/YYYY)		<b>Category:</b> Gen/SC/ST/OBC/EWS		
<b>Marital Status:</b>		<b>Gender:</b>		
<b>Nationality:</b>				
<b>Mobile:</b>		<b>Email:</b>		
<b>Present Address:</b>	<b>Permanent Address:</b>			

**2. Educational Qualifications:**

Degree	Board/Institute/University	Subjects/Discipline	CGPA/%	Division	Passing year
10 <sup>th</sup> or equivalent					
12 <sup>th</sup> or equivalent					
Diploma, if any					
B.Tech/BCA					
M.Tech/MCA					
PhD*					

\*Title of PhD Thesis:.....  
 .....  
 .....  
 .....

**3. Professional Experience in Chronological Order:**

Name of the organization	Designation	Duration		Nature of work
		From	To	

**4. Number of research publications (attach list):** SCI-..... Non-SCI:.....

**5. Number of patents/innovations (attach list):** Awarded..... Filed:.....

**6. PhD Guidance:** Awarded..... Pursuing:.....

**7. Time required to join this position:**.....

**8. Any other relevant information:**.....

**DECLARATION**

I hereby declare that I have carefully read the instructions and particulars supplied to me and that the entries made in this application form are correct to the best of my knowledge and belief. If selected for admission, I promise to abide by the rules and discipline of the institute. I note that the decision of the institute is final in regard to selection for admission and assignment to a particular department and field of study. The institute will have the right to expel me from the institute at any time after my admission, provided it is satisfied that I was admitted on false particulars furnished by me or my antecedents prove that my continuance in the institute is not desirable. I agree that I shall abide by the decision of the institute, which will be final.

Date:

Place:

Signature of the applicant

**Enclosures: Self-attested copy of documents**

1. Proof of Date of Birth
2. Marks Sheets & Certificates of all Educational Qualifications
3. Experience Certificate, if any
4. Category Certificate, if applicable
5. List of Publications/Patents, if any