



**Indian Institute of Technology (Indian School of Mines), Dhanbad**  
The Office of Dean, Research & Development

Sanction No and Date: SERB/F/1517/2022-2023 dated 10 June 2022	<b>IIT (ISM) Project No.</b> DST(SERB)(333)/2022- 2023/903/MnC	Date 17/06/2022
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**Research Intern position under Accelerate Vigyan Scheme "VRITIKA" (SERB)**

Applications are invited under the sponsored project. The details of the project are as under:


<b>Position</b>	Research Intern (Physical Mode)
<b>Number of Position (s)</b>	Three (03)
<b>Title of The Project</b>	Online Portfolio Optimization
<b>Principal Investigator</b>	Dr. Ruchika Sehgal (Assistant Professor), Department of Mathematics & Computing, IIT (ISM) Dhanbad, Email: <a href="mailto:ruchika@iitism.ac.in">ruchika@iitism.ac.in</a> , Phone no: (0326) 2235421 (Office), +91 9711711418 (Mobile)
<b>Tenure of Project</b>	4-5 weeks
<b>Job Description (in maximum of 100 words)</b>	In this project, we will construct online learning algorithm for sequential selection of portfolio and implement it on financial data sets.
<b>Essential Qualification</b>	Students pursuing Masters or Ph.D. (Mathematics/Statistics/Operations Research/Computer Science or related discipline)
<b>Desirable Qualification</b>	Basic programming knowledge
<b>Age and Relaxation (if any)</b>	Preferably below 35 Years
<b>Fellowship</b>	No Stipend will be paid
<b>Last Date &amp; Time</b>	29 June 2022 (5 PM)
<b>Additional Information</b>	<ol style="list-style-type: none"><li>1. The internship will cover daily necessary expenses such as stationary, consumables, accommodation (subject to availability), food etc. The interns will be eligible for TA reimbursement for their journey to IIT(ISM) Dhanbad from their hometown/home institute, both ways, as per GOI norms.</li><li>2. Selected candidates shall attend the program physically and will be expected to start immediately after the result declaration.</li><li>3. While applying, the candidates are required to produce a letter of authentication from their supervisor/ Head of the Department/ Head of the institute indicating their association with the institute and "No objection Certificate (NOC)" for allowing their student to undergo internship, if</li></ol>

selected.

4. Certificate will be provided to the selected candidates on successful completion of the internship tenure and submission of work report.

Interested candidates are requested to send detailed Bio-data and copies of educational qualifications, age proof, NOC to the Principal Investigator by email ([ruchika@iitism.ac.in](mailto:ruchika@iitism.ac.in)) within the due date.

Shortlisted candidates will be informed on the date of interview. Mere possession of minimum qualification does not guarantee an invitation to the interview. Candidates will be short listed based on their merit and as per the requirement of the project. All candidates should make their own arrangements for their stay at Dhanbad, if required. No TA/DA will be paid to attend the interview.

  
13/06/2022  
(Signature of PI)