



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

Sanction No and Date: EMR/2017/002729 dt. 10.09.2018	IIT (ISM) Project No. DST-SERB(206)/2018- 2019/602/AC	Date: 04.06.2020
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JRF position under (Name of Funding Agency) Project

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

Position	JRF
Number of Position (s)	1 (One)
Title of The Project	Divergent syntheses of chondroitin sulfate and fucosylated chondroitin sulfate oligosaccharides via orthogonally protected disaccharide intermediates
Principal Investigator	Dr. Somnath Yadav
Tenure of Project	3 years or Co-terminus with the project
Job Description (in maximum of 100 words)	The selected candidate is expected to carry out the syntheses of carbohydrate based oligosaccharides related to the project, characterize the synthesized molecules/materials, collect and interpret data to help ensure the timely and successful completion of the project, in consultation with the PI. He is also expected to write the initial drafts of reports, manuscripts and patents resulting from the project in consultation with the PI.
Essential Qualification	M. Sc. (Chemistry) with 1 st Class <i>Or</i> min. 60% marks/CGPA 6.5 (if class is not awarded) and a valid GATE/NET qualification.
Desirable Qualification	Experience in Organic Synthesis (Project/dissertation/etc.)
Age and Relaxation (if any)	Max. 28 years (Relaxable as per GOI norms)
Fellowship	As per DST norms
Last Date & Time	Latest 30.06.2020; 5:30 PM. Applications with supporting documents should be sent to the PI (Dr. Somnath Yadav) either via E-mail to somnath@iitism.ac.in or through hard copies to Dr. Somnath Yadav, Assistant Professor, Department of Applied Chemistry, IIT (ISM), Dhanbad, 826004, Jharkhand, India.
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.	