



Birla Institute of Technology & Science, Pilani

Pilani Campus

Dr. Somak Chatterjee, PhD.,

Assistant Professor, Department of Chemical Engineering

JRF RECRUITMENT IN DST-SERB SPONSORED PROJECT (SRG/2021/001118)

Applications are invited from eligible candidates to work as a Junior Research Fellow (JRF) to work on the following project sponsored by DST-SERB (SRG/2021/001118) under the supervision of Dr. Somak Chatterjee, Assistant Professor, Department of Chemical Engineering, BITS Pilani (Pilani campus), Rajasthan. The details are as follows:

Project Title	Application of co-axial electrospun novel composite nanofiber membranes towards specific and efficient removal of arsenic, lead and fluoride from groundwater
Project Duration	2 Years (24 Months)
Principal Investigator (PI)	Dr. Somak Chatterjee
Fellowship	31,000 INR Per Month
Essential Qualifications	M.E./M.Tech in Chemical/Mechanical/ Material Science Engineering or allied branches or M.Sc. (Physics/Chemistry) with at least 60% marks.
Desirable Qualifications	Candidates with NET/GATE qualified are desirable, prior knowledge in membrane fabrication with (a) Hands on knowledge in electrospinning and synthesis of nanofiber membranes (b) Characterization methods, analytical techniques and flow simulation programming, especially COMSOL. (c) Good lab ethics and professional transparency.
Application Deadline	25/12/2021

Application procedure:

- Interested and eligible candidates can send their current resume or C.V. and a cover letter with details about educational qualifications, research experience and other relevant details to somak.chatterjee@pilani.bits-pilani.ac.in with the subject “**Application for Junior Research Fellow (JRF) position, DST-SERB Project**”.
- Only shortlisted candidates will be informed through email and called for interview through Video conference (skype or google meet) or at Chemical Engineering department, BITS, Pilani, Pilani Campus, Rajasthan.

Notes:

- For any queries regarding position, please feel free to email the PI.
- The position mentioned is temporary and for the period of duration of the project (2 years). If performance of candidate is found unsatisfactory, the position can be terminated with 1-month notice.
- The selected candidate will be encouraged to join the PhD program of BITS, Pilani as per institute rules.
- No TA/DA will be paid for attending the interview.

Dr. Somak Chatterjee (PI)

