



ADVERTISEMENT NO: CURAJ/ECE/DST-SERB/02

Dated: 26/02/2021

Applications are invited for the following assignment in a purely time bound research project undertaken in Electronics and Communication Engineering department of the University

Sl. No.	Name of the temporary post	Junior Research Fellow/Project Associate-I
1	Number of Post	01
2	Title of the Research Project	Fabrication of MoS ₂ -BSA-ZnO Nano-bio hybrid composite electronic devices for environmental monitoring
3	Name of the Funding Agency	Science and Engineering Research Board (DST, India)
4	Tenure of the Assignment	02 Years (01 Year + Extendable to another year)
5	Job Description	To carry out the research work on synthesis and characterization of MoS ₂ layered materials to fabricate electronic devices for sensing of various toxic element in water/foods etc.
6	Consolidated monthly compensation / Fellowship	As per the DST-SERB norms (Rs 31000 + HRA per month for JRF, Rs 25000 + HRA per month for Project Associate-I)
7	Essential qualifications and experience	M.Tech in Electronics and Communication Engineering/ Materials Science and Engineering/Nanotechnology/Electronics and Instrumentation Engineering/Biotechnology with marks \geq 60% or equivalent CGPA as per the UGC norms. Or M.Sc Physics with specialization in Electronics/ M.Sc Electronics. Valid NET/GATE is essential for JRF position.
8	Desirable qualifications	Candidates with experimental work experiences will get preferences
9	Accommodation	Bachelor accommodation in the University may be provided subject to availability.

For technical information on the project, the candidate may contact the Principal Investigator **Dr. Milan Sasmal (Mob- 8918615040, milan.sasmal@curaj.ac.in)**, Department of ECE, Central University of Rajasthan.

Eligible and interested candidates should send their CV along with scanned original documents in a single pdf file directly to the PI of the project **on/before 15/03/2021**. Eligible candidates after screening will be informed to attend the online interview conducted by the Department of Electronics and Communication Engineering department, CURAJ.

**Dr. Milan Sasmal, PI
ECE Department**